International Agency for Research on Cancer

World Health Organization

IACR International Association of Cancer Registries

Cancer Incidence in Five Continents Vol. X

Edited by D. Forman, F. Bray, D.H. Brewster, C. Gombe Mbalawa, B. Kohler, M. Piñeros, E. Steliarova-Foucher, R. Swaminathan and J. Ferlay

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No. 164

Cancer Incidence in Five Continents

Volume X

INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

The International Agency for Research on Cancer (IARC) was established in 1965 by the World Health Assembly, as an independently financed organization within the framework of the World Health Organization (WHO). The headquarters of the Agency are in Lyon, France.

The Agency conducts a programme of research concentrating particularly on the epidemiology of cancer and the study of potential carcinogens in the human environment. Its epidemiological studies are supplemented by studies of the mechanisms of carcinogenesis carried out in the Agency's laboratories in Lyon. The promotion of collaborative research among scientists worldwide is a strong feature of the Agency's activities. The Agency also conducts a programme for the education and training of personnel for cancer research.

The publications of the Agency are intended to contribute to the dissemination of authoritative information on various aspects of cancer research. Information about IARC publications and how to order them is available online at http://publications.iarc.fr/.

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There are currently more than 700 member registries in IACR, along with an elected executive board. Since 1973, IARC has provided the secretariat for the Association with the primary functions of organizing meetings and coordinating scientific studies. Information about the Association, including membership, activities, and publications, is available online at http://www.iacr.com.fr/.

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Foreword

National cancer control planning must still depend too often on unreliable estimates of cancer burden: estimates based on incomplete data, old data, or in some cases no data at all. The International Agency for Research on Cancer (IARC) is committed to supporting and strengthening cancer registries, particularly in low- and middle-income countries, to address this gap. In this context, the cancer registries included in *Cancer Incidence in Five Continents* (CI5) collectively illustrate, perhaps better than anywhere else, the full value of establishing and sustaining high-quality population-based cancer registration. Inclusion in the CI5 series has long been considered an international quality standard for cancer registries around the world. Lack of inclusion should not detract, however, from the remarkable efforts and progress being made by the cancer registries not (yet) included in the series. Rather, this volume should provide encouragement and inspiration, as a testament to what can be achieved and how.

It is good news that the value of cancer registration is increasingly being recognized by policy-makers, not least because of the emphasis on cancer along with other noncommunicable diseases (NCDs) at the highest political level. Furthermore, WHO Member States have agreed to measure "cancer incidence, by type of cancer, per 100 000 population" as an indicator in the NCD Global Monitoring Framework. The ability to analyse cancer trends over time enables better planning for changing patterns of cancer at the national level. This is another advantage that the high-quality cancer registries in CI5 bring to cancer control planning. Additional modelling, for example of the proportion of cancers attributable to various causes or the potential benefits of interventions to reduce cancer burden, requires a foundation of reliable cancer registry data, and such requirements will only increase.

Cancer registrars are a remarkable breed. In my current post I have had the privilege of visiting several cancer registries around the world and without fail I am struck by the passion, tenacity, dedication, and determination of those who believe in the value of their work. In turn, I have been able to prioritize this area of work at the Agency, so that we may contribute our own part to the provision of reliable global cancer statistics.

Work on CI5 was one of the first activities undertaken by the Agency when it was founded nearly 50 years ago, and the series is a good example of the collaborative work that continues to characterize IARC's approach today. Each volume is created in collaboration with individual cancer registries, and also with the valued and vital collaboration of the International Association of Cancer Registries (IACR). CI5 Volume X differs from its predecessors in several ways, and among these changes is the increase in the number of registries and populations included. Despite positive signs, however, this volume also illustrates once again just how far we still have left to go in increasing the coverage of populations, particularly in low- and middle-income countries. And this sets us our challenge: to see Volume XI burgeoning with new registries, joining those already well established. In achieving this goal, we will have provided a vital resource to global efforts to tackle the cancer problem and ultimately to see the number of registries go up while the rates they report go down.

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Josefina Rion
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Joan Borràs

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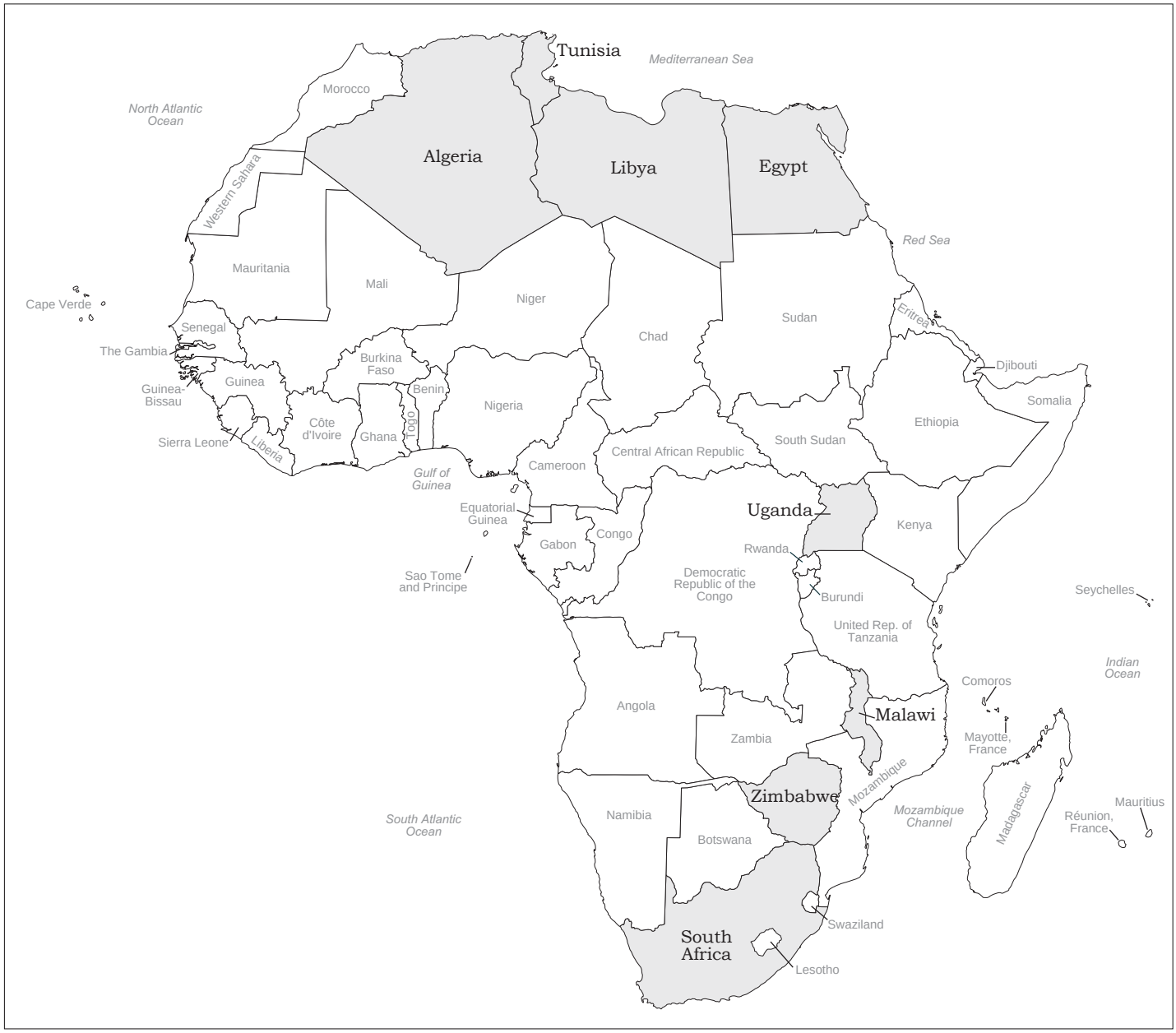
THE MAPS

Africa



Regional registries
National registries

North
Tunisia
Sétif
North Atlantic Ocean
Mediterranean Sea
Morocco
Algeria
Libya
Mauritania
Mali
Niger

Tunisia
Mediterranean Sea
Syrian Arab Rep.
Israel
Jordan
Gharbiah
Saudi Arabia
Libya
Benghazi
Egypt
Red Sea
Algeria
Niger
Chad
Sudan

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Malawi
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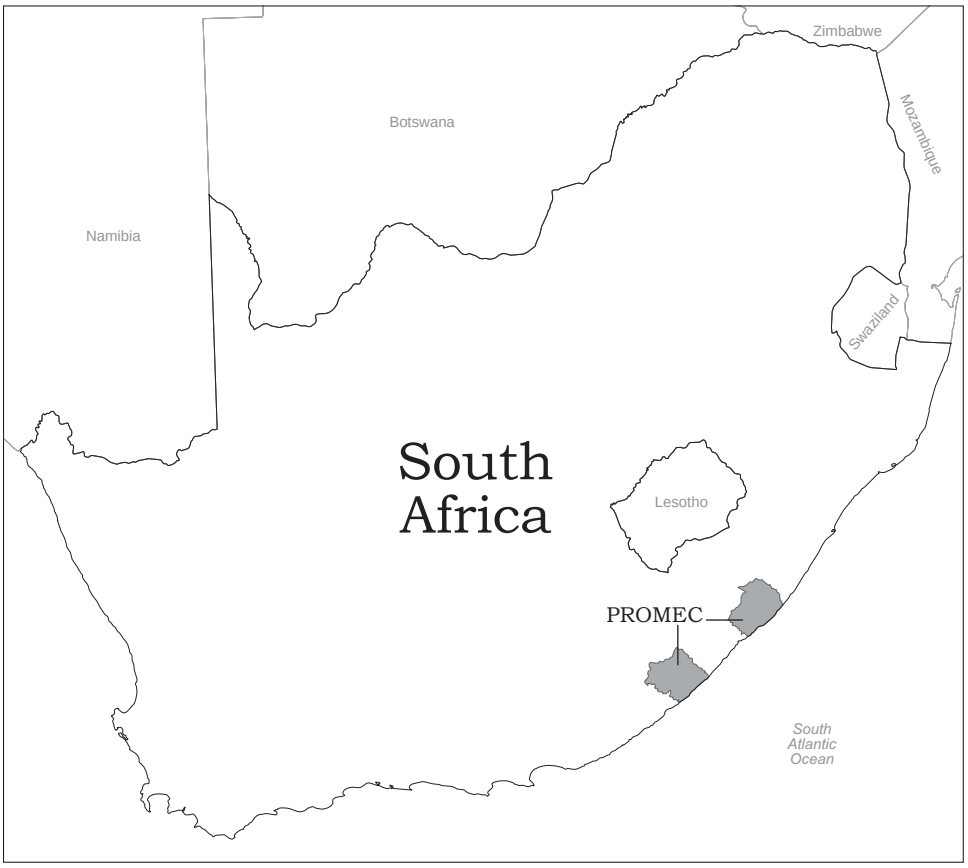
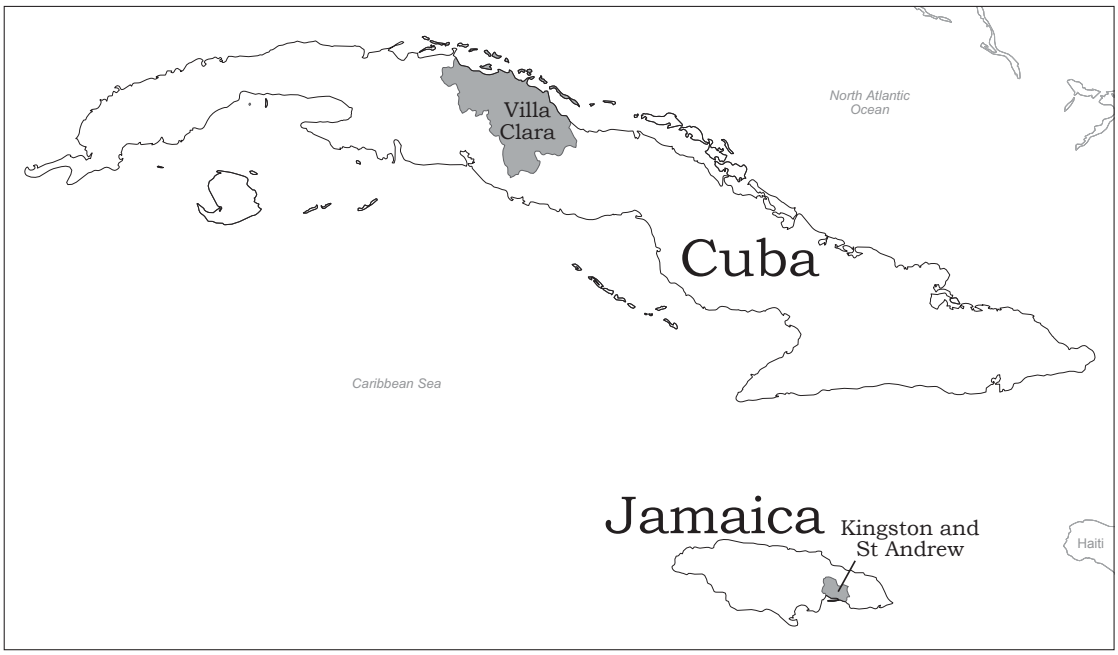
Botswana
South Africa


Zimbabwe
Botswana
Mozambique
Namibia
Swaziland
South Africa
Lesotho
PROMEC
South Atlantic Ocean

South Sudan
Democratic Republic of the Congo
Uganda
Kyadondo County
Kenya
United Republic of Tanzania
Rwanda

Central and South America

Regional registries
National registries


Villa
Clara
North Atlantic
Ocean
Cuba
Caribbean Sea
Jamaica
Kingston and
St Andrew
Haiti

Caribbean Sea
Panama
Venezuela
Bucaramanga
Manizales
South
Pacific
Ocean
Colombia
Cali
Pasto
Quito
Ecuador
Brazil
Cuenca
Peru

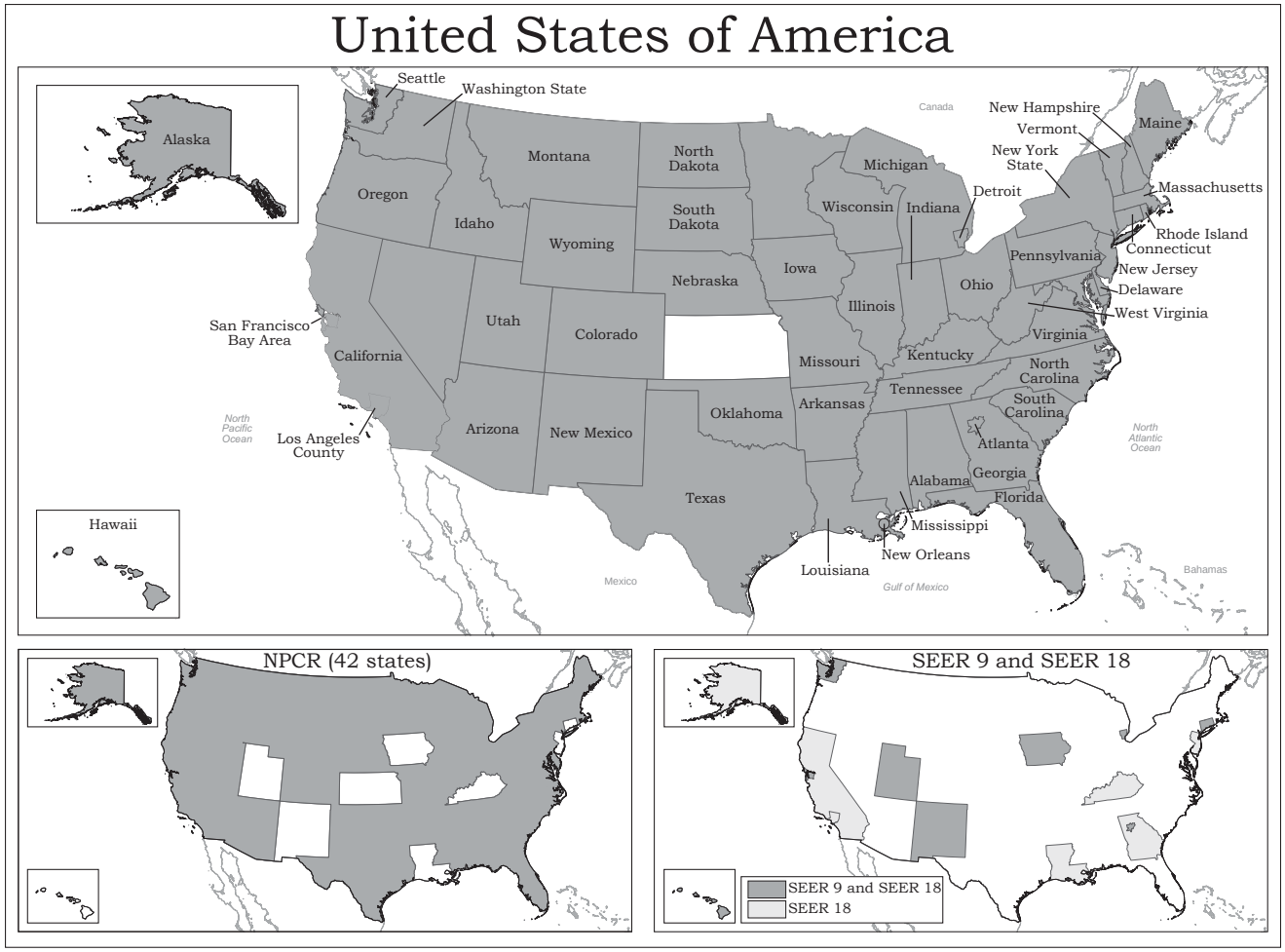
Venezuela
Guyana
Suriname
Guiana, France
Colombia
Fortaleza
Brazil
Aracaju
Peru
Cuiabá
Goiânia
Bolivia
Belo Horizonte
São Paulo
Chile
Paraguay
South Pacific Ocean
South Atlantic Ocean
Argentina
Uruguay

Peru
Bolivia
Brazil
Paraguay
Region of Antofagasta
Argentina
Chile
Córdoba
Mendoza
Uruguay
Bío Bío Province
Bahía Blanca
Valdivia
South Pacific Ocean
South Atlantic Ocean
Tierra del Fuego

North America

Regional registries
National registries

Canada
Arctic Ocean
Greenland
United States of America
Yukon
Northwest Territories
British Columbia
Alberta
Manitoba
Saskatchewan
Ontario
Quebec
Newfoundland and Labrador
Prince Edward Island
Nova Scotia
New Brunswick
North Atlantic Ocean
United States of America


United States of America
Alaska
Hawaii
Seattle
Washington State
Oregon
Idaho
Montana
Wyoming
Utah
Colorado
Arizona
New Mexico
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South Dakota
Nebraska
Kansas
Oklahoma
Texas
Minnesota
Iowa
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Wisconsin
Illinois
Michigan
Indiana
Ohio
Kentucky
Tennessee
Mississippi
Alabama
Georgia
Florida
South Carolina
North Carolina
Virginia
West Virginia
Pennsylvania
New York State
Vermont
New Hampshire
Maine
Massachusetts
Rhode Island
Connecticut
New Jersey
Delaware
Detroit
Atlanta
New Orleans
San Francisco Bay Area
California
Los Angeles County
Canada
Mexico
North Pacific Ocean
North Atlantic Ocean
Gulf of Mexico
Bahamas
NPCR (42 states)
SEER 9 and SEER 18
SEER 9 and SEER 18
SEER 18

Asia

Japan
Dem. Peo. Rep. of Korea
Rep. of Korea
East China Sea
North Pacific Ocean
Philippines
Timor-Leste
Mongolia
China
South China Sea
Lao Peo. Dem. Rep.
Thailand
Viet Nam
Cambodia
Brunei Darussalam
Singapore
Malaysia
Indonesia
Gulf of Thailand
Andaman Sea
Myanmar
Bhutan
Bangladesh
Bay of Bengal
Nepal
India
Sri Lanka
Indian Ocean
Maldives
Kazakhstan
Kyrgyzstan
Tajikistan
Uzbekistan
Turkmenistan
Afghanistan
Pakistan
United Arab Emirates
Arabian Sea
Islamic Rep. of Iran
Qatar
Caspian Sea
Georgia
Armenia
Azerbaijan
Oman
Kuwait
Bahrain
Saudi Arabia
Iraq
Yemen
Turkey
Jordan
Black Sea
Syrian Arab Rep.
Lebanon
State of Palestine
Israel
Red Sea
Regional registries
National registries

Edirne
Greece
Black Sea
Georgia
Trabzon
Armenia
Islamic Republic of Iran
Turkey
İzmir
Antalya
Mediterranean Sea
Syrian Arab Republic
Iraq

Armenia
Azerbaijan
Caspian Sea
Turkmenistan
Turkey
Golestan Province
Mediterranean Sea
Syrian Arab Republic
Islamic Republic of Iran
Afghanistan
Israel
Iraq
Jordan
Kuwait
Pakistan
Persian Gulf
Bahrain
Saudi Arabia
Qatar
Egypt
United Arab Emirates
Red Sea
Riyadh
Oman
Sudan
Arabian Sea
Yemen
Eritrea

Afghanistan
China
Pakistan
New Delhi
Sikkim State
Nepal
Bhutan
Mizoram
Bangladesh
Bhopal
India
Myanmar
Mumbai
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Bay of Bengal
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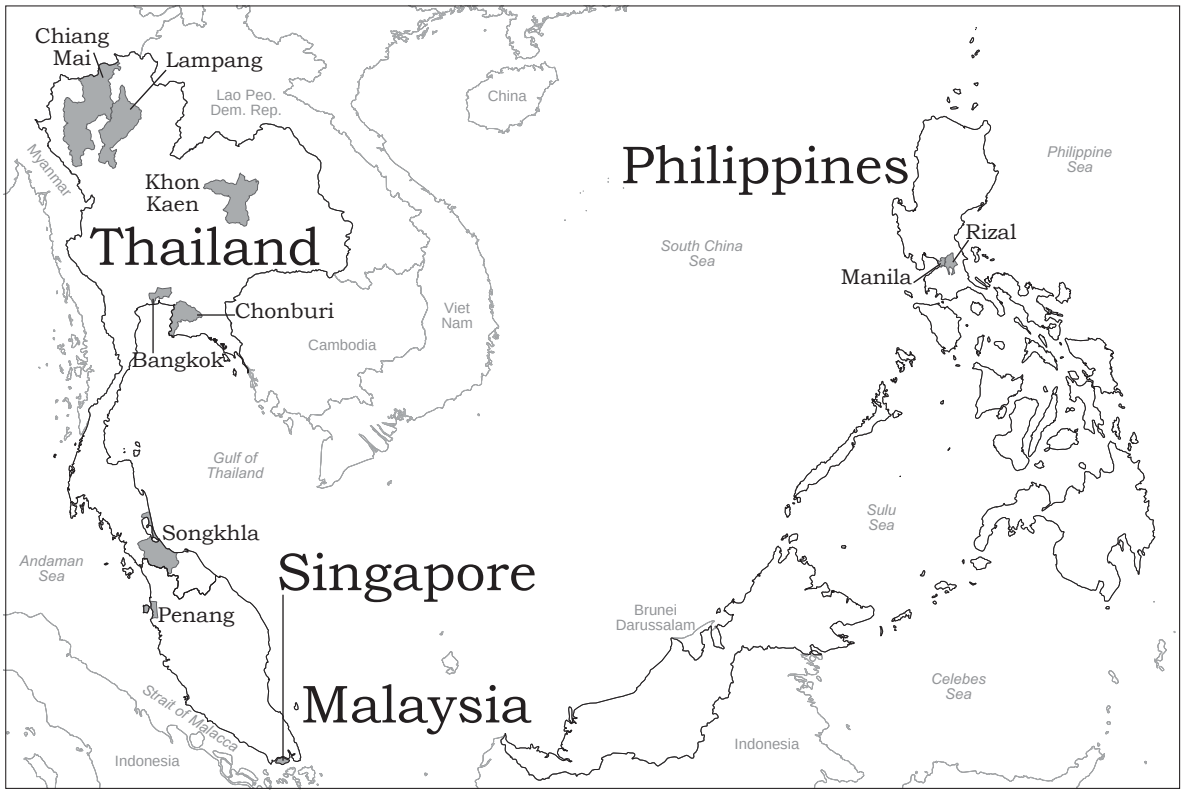
Chennai
Dindigul
Karunagappally
Trivandrum
Sri Lanka


Chiang Mai
Lampang
Lao Peo. Dem. Rep.
China
Philippines
Philippine Sea
Myanmar
Khon Kaen
Thailand
South China Sea
Rizal
Manila
Chonburi
Viet Nam
Cambodia
Bangkok
Gulf of Thailand
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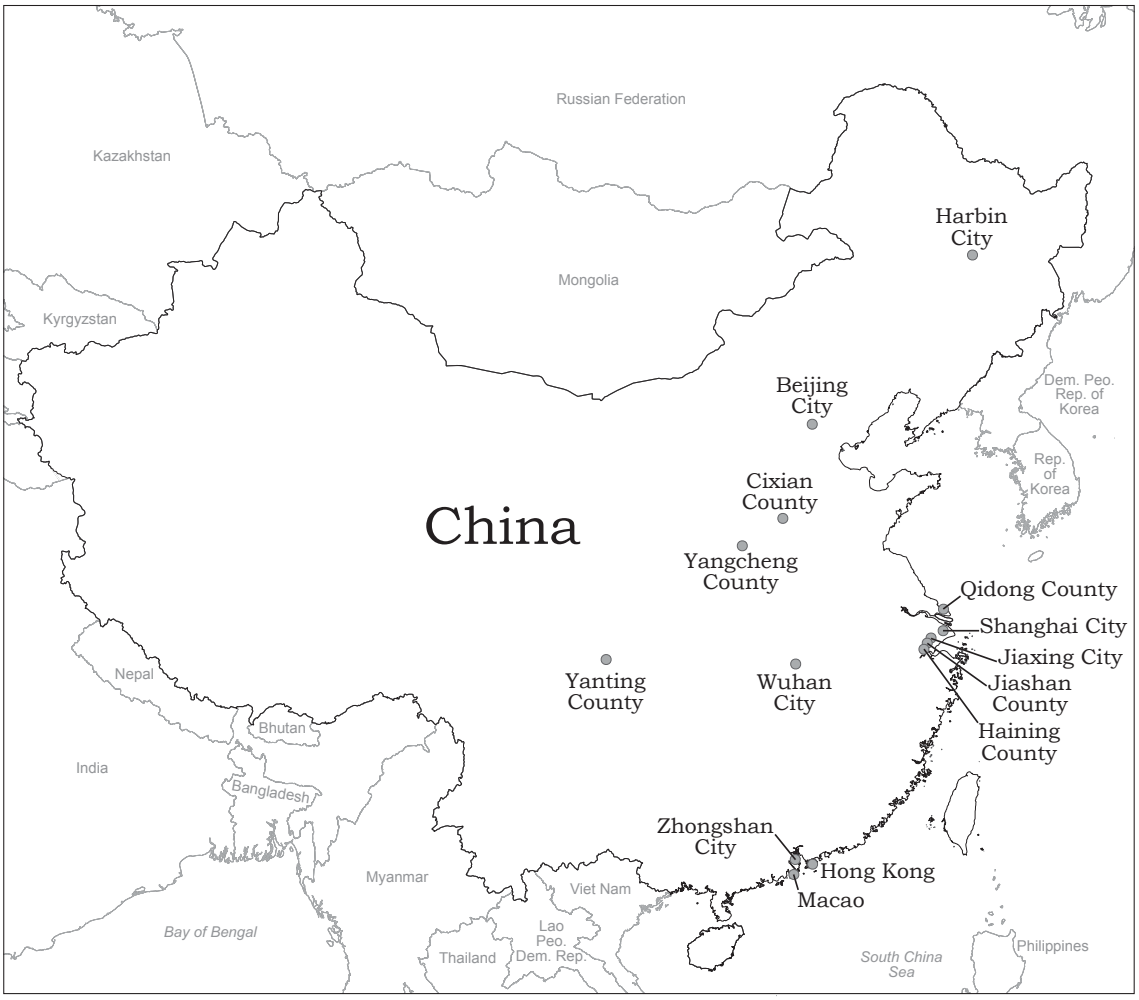
Singapore
Penang
Brunei Darussalam
Celebes Sea
Strait of Malacca
Malaysia
Indonesia
Indonesia


Russian Federation
Kazakhstan
Mongolia
Kyrgyzstan
Harbin City
Beijing City
Dem. Peo. Rep. of Korea
Rep. of Korea
Cixian County
China
Yangcheng County
Qidong County
Shanghai City
Jiaxing City
Jiashan County
Haining County
Nepal
Yanting County
Wuhan City
Bhutan
India
Bangladesh
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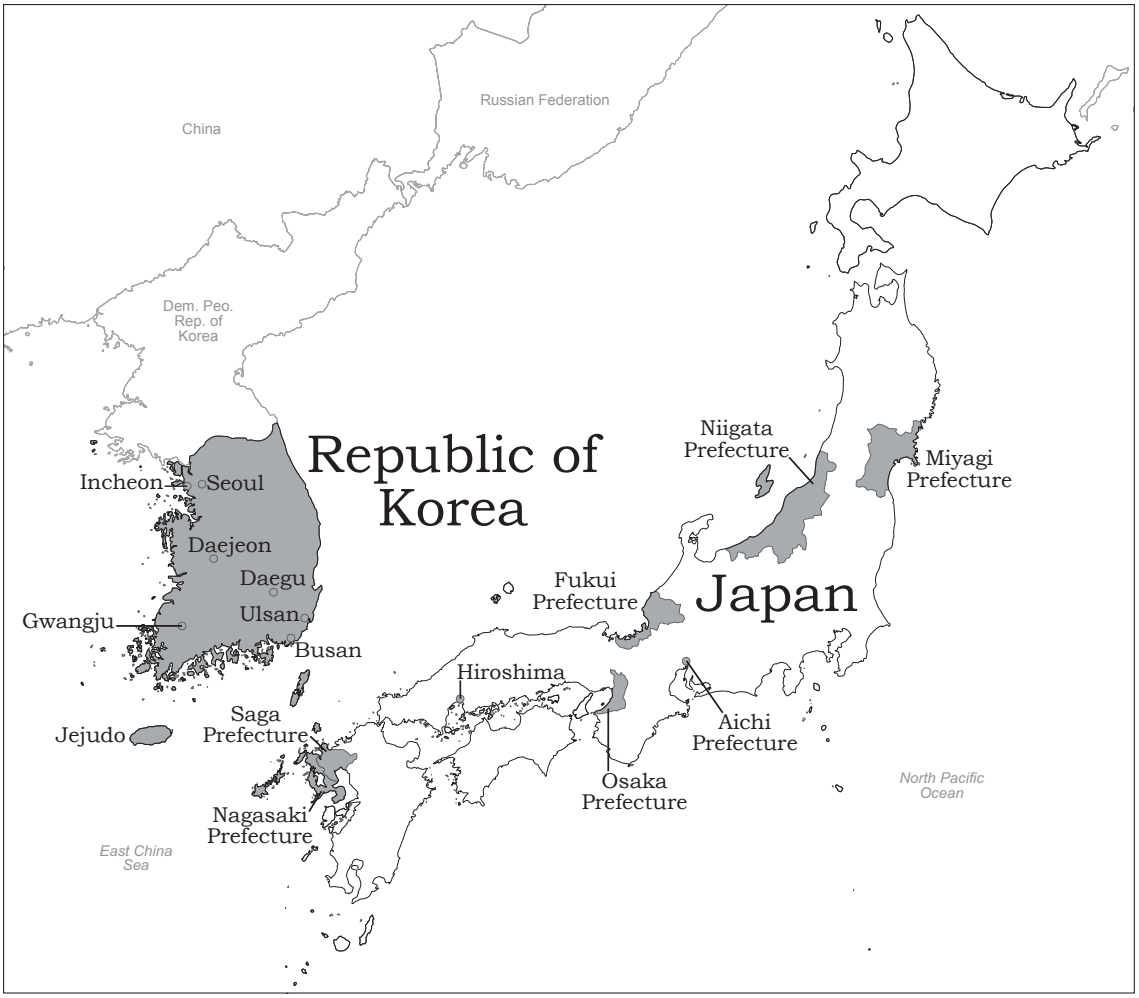
Hong Kong
Macao
Myanmar
Viet Nam
Bay of Bengal
Lao Peo. Dem. Rep.
Thailand
South China Sea
Philippines


China
Russian Federation
Dem. Peo. Rep. of Korea
Republic of Korea
Niigata Prefecture
Miyagi Prefecture
Incheon
Seoul
Daejeon
Daegu
Ulsan
Gwangju
Busan
Fukui Prefecture
Japan
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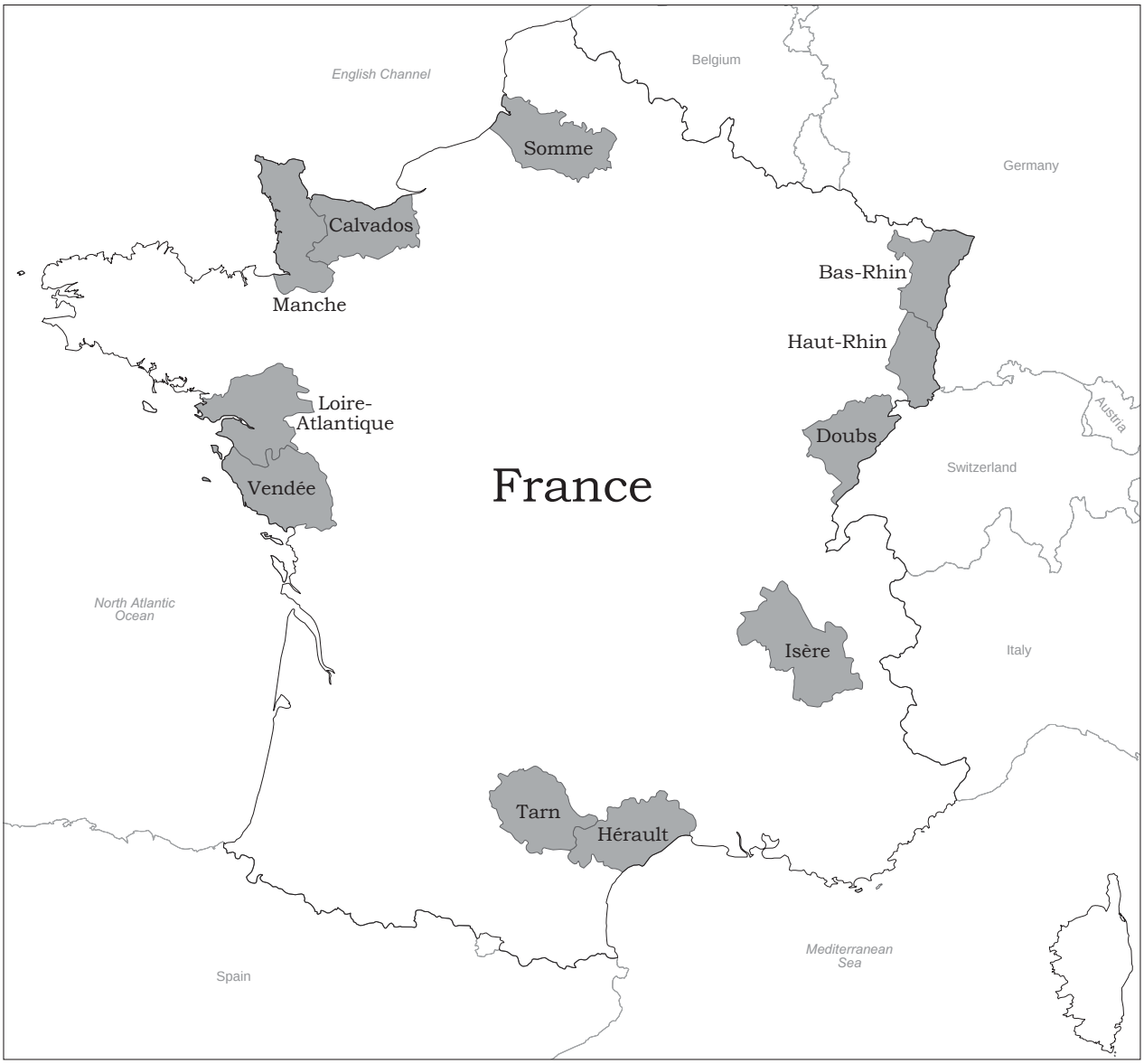
North Pacific Ocean
Nagasaki Prefecture
East China Sea

Europe

Regional registries
National registries


English Channel
Belgium
Germany
Somme
Calvados
Manche
Bas-Rhin
Haut-Rhin
Loire-
Atlantique
Vendée
Doubs
Austria
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France
North Atlantic
Ocean
Isère
Italy
Tarn
Hérault
Mediterranean
Sea
Spain

Asturias
France
Basque
Country
Navarra
La
Rioja
North Atlantic
Ocean
Girona
Portugal
Spain
Tarragona
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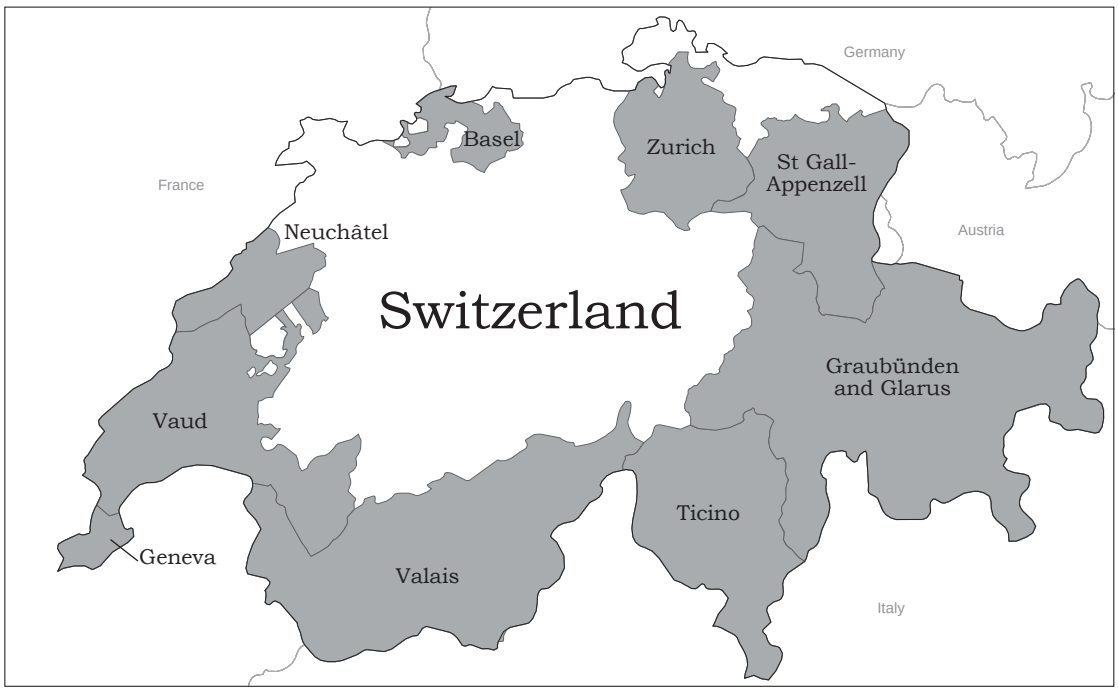
Azores, Portugal
Canary Islands, Spain
Morocco
Algeria


Germany
Basel
Zurich
St Gall-
Appenzell
France
Austria
Neuchâtel
Switzerland
Graubünden
and Glarus
Vaud
Ticino
Geneva
Valais
Italy

Switzerland
Sondrio
South
Tyrol
Austria
Hungary
Lecco
Como
Varese
Trento
Friuli-
Venezia
Giulia
Slovenia
Biella
Milan
Croatia
Veneto
Turin
South
Lombardy
Brescia
Mantua
Genoa
Ferrara
Romagna
Bosnia and
Herzegovina
France
Parma
Reggio Emilia
Modena
Florence
and Prato
Umbria
Adriatic
Sea
Corsica,
France
Italy
Latina
Naples
Sassari
Salerno
Nuoro
Tyrrhenian
Sea
Catanzaro
Palermo
Catania and
Messina
Trapani
Mediterranean
Sea
Syracuse
Algeria
Tunisia
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Albania
The former Yugoslav Republic of Macedonia

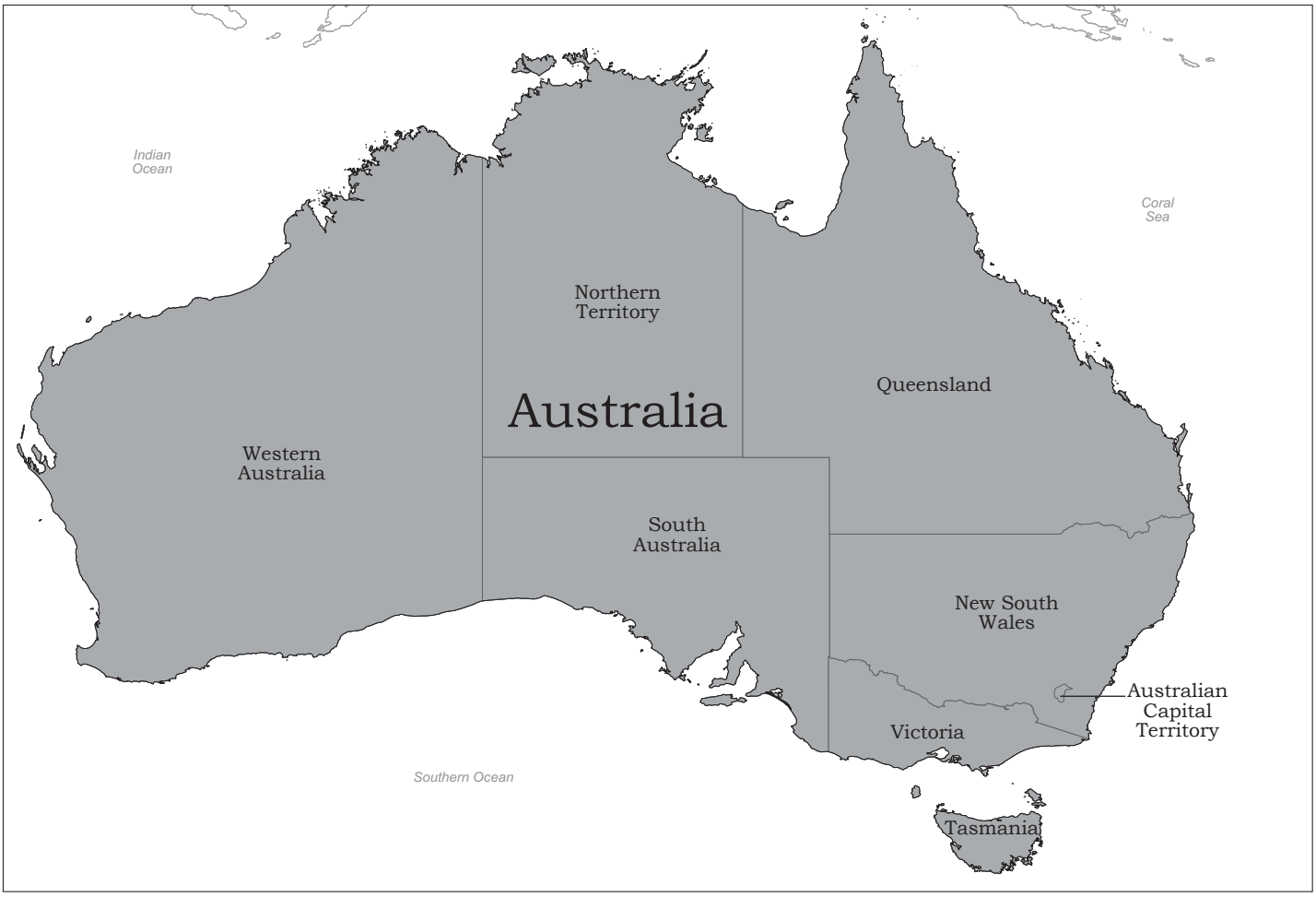
Denmark
Baltic Sea
North Sea
The Netherlands
Schleswig-Holstein
Mecklenburg-Western Pomerania
Bremen
Hamburg
Poland
Brandenburg
North Rhine-Westphalia
Eindhoven
Free State of Saxony
Belgium
Germany
Czech Republic
Saarland
France
Munich
Austria
Switzerland

Czech Republic
Germany
Slovakia
Vorarlberg
Austria
Hungary
Tyrol
Switzerland
Italy
Slovenia

North Sea
North Atlantic Ocean
Scotland
England
Northern Ireland
Isle of Man
Ireland
United Kingdom of Great Britain and Northern Ireland
Northern and Yorkshire
North Western
Trent
West Midlands
Wales
East of England Region
Oxford Region
Thames
South and Western Regions
Celtic Sea
English Channel

Oceania

Regional registries
National registries


Indian Ocean
Coral Sea
Northern Territory
Australia
Queensland
Western Australia
South Australia
New South Wales
Australian Capital Territory
Victoria
Southern Ocean
Tasmania

Chapter 1: Introduction

David Forman, David H. Brewster, Betsy Kohler, and Marion Piñeros

The main objective of the *Cancer Incidence in Five Continents* (CI5) series, published by the International Agency for Research on Cancer (IARC) and the International Association of Cancer Registries (IACR), is to present comparable data on cancer incidence for all countries around the world for which high-quality data have been made available by population-based cancer registries. This new volume of CI5 (Volume X) provides information about cancers diagnosed during the period from 2003 to 2007. Every effort has been made to ensure that the information included in this volume can be used with confidence to compare geographical patterns and – by comparison with data from earlier volumes – temporal trends in cancer. In CI5 Volume I, which was published in 1966 and reported on cancer incidence in the early 1960s, it was stated that "the most valuable data are, undoubtedly, the rates obtained by recording the occurrence of every case of cancer in a defined community over a specified period." Such recording remains the core task of cancer registries today, and it is the function of CI5 to report their results using a common format.

CALL FOR DATA

For CI5 Volume X, a call for data and an accompanying questionnaire were sent to all population-based cancer registries that were members of IACR in September 2011. The call for data and the questionnaire were also published on the IACR website, with both documents available in English, French, and Spanish. Registries that wished to submit datasets for Volume X were requested to do so using the IARC portal (see Chapter 6) – a new feature for this volume – and the questionnaire was available for completion online. Detailed instructions for preparing the registry dataset and the accompanying mortality and population information were provided in the call for data. In some countries, registries delegated data submission to their national associations or networks, but each registry was required to submit its own responses to the questionnaire.

Although the reference time period for Volume X was defined as 2003–2007, contributors were also asked to send data for years before and (if available) after the reference period, to allow the volume editors to verify certain aspects of quality, comparability, and completeness for each submission. Not all registries were able to provide data for the whole time period covered by Volume X, but a minimum consecutive series of 3 years was required for a registry to be considered for inclusion.

NUMBER OF DATASETS RECEIVED AND INCLUDED

Data were received from 370 cancer registries covering 521 populations in 80 countries. Data from 80 cancer registries, representing 97 populations, were excluded. Volume X consequently presents cancer incidence data from 68 countries, 290 cancer registries, and 424 populations (Table 1.1).

GEOGRAPHICAL COVERAGE IN CI5 VOLUME X

The geographical coverage in CI5 Volume X by continent is shown in Table 1.2. Data are included from 8 of the 15 African countries that submitted data, 11 of the 11 Central and South American countries, 2 of the 2 North American countries, 15 of the 18 Asian countries, 31 of the 33 European countries, and 3 of the 4 Oceanic countries.

The proportions of cancer registries that submitted datasets for Volume X and were accepted for inclusion (by continent) are as follows: Africa: 44% (8/18), Central and South America: 71% (25/35), North America: 94% (66/70), Asia: 62% (63/101), Europe: 87% (118/135), and Oceania: 91% (10/11).

The proportion of the world's total population covered by the registries included in Volume X is 14%, with the following levels of coverage by continent:

Table 1.1. The number of cancer registry datasets (2003–2007) submitted to and accepted for CI5 Volume X

	Submitted	Accepted
Countries	80	68
Registries	370	290
Populations	521	424

Table 1.2. Geographical coverage in CI5 Volume X by continent

	Countries		Registries		Populations	
	Submitted	Accepted	Submitted	Accepted	Submitted	Accepted
Africa	15	8	18	8	18	8
Central and South America	11	11	35	25	35	25
North America	2	2	70	66	196	180
Asia	18	15	101	63	115	73
Europe	33	31	135	118	136	118
Oceania	4	3	11	10	21	20
Total	80*	68*	370	290	521	424

*The sum of the number of individual countries is greater than the total, reflecting the fact that some countries (i.e. France and the USA) have territory on more than one continent.

Africa: 2%, Central and South America: 8%, North America: 95%, Asia: 6%, Europe: 42%, and Oceania: 78%.

COVERAGE IN THE 10 VOLUMES OF CI5

Fig. 1.1 shows the overall coverage in terms of the number of countries, registries, and populations included in each volume of CI5. A full overview identifying all the registry populations appearing in all 10 volumes, as well as the specific incidence time periods contributed by each registry, is provided in Table 1.3 at the end of this chapter.

The steady increase in coverage of the world's population by cancer registration has been accompanied by significant developments in standardization of registration methodology, definitions, and coding. The editors of the present volume, building on the foundation laid in the first volume, have made every effort to standardize the data presented, or where this was not possible, to draw attention to any differences that might affect comparability between registries. The editorial processes of checking internal coherence, consistency, and completeness are described in Chapters 5 and 6 of this volume, and are broadly based on principles outlined in IARC Scientific Publication No. 95 – *Cancer Registration: Principles and Methods* (Jensen et al., 1991).

Improved definition of registration methodology and increased adherence to internationally recognized standards have also led to more stringent editorial processes. With each successive volume of CI5, the editors have become more demanding about the quality of the data published in the book. However, the editors also have to accept that some datasets from registries in less-developed countries may be less complete than those from registries in more-developed countries, because of problems of underdiagnosis due to local medical and economic situations (as opposed to underregistration) and/or problems with enumeration of the population. But these datasets are nevertheless of great interest because they describe cancer incidence in populations for which no other information is available and that retain unique cultural habits that may provide valuable clues to cancer etiology. On the pages of this volume that present tables reporting each registry's data by site, an asterisk preceding the registry title indicates that special considerations (which may include underregistration) must be taken into account in interpreting the published rates or indicators of quality (see Chapter 5). The specific reasons for a given asterisk are stated under the heading "Notes on the data" in the accompanying narrative.

CONTENT AND LAYOUT OF THE BOOK

The contact information for all contributing registries, along with the names of the individuals who collaborated in the preparation of this volume, is provided at the beginning of this book. Maps showing the location of each contributing registry are provided on pages 2–22.

Following this introduction, Chapter 2 describes the registries in terms of geographical location, legislative background, and registration practices. Chapter 3 presents the system of classification used to report the incidence data, and addresses the issue of comparability of coding practices between the registries. For selected cancers, the data have been analysed by histological subtype within site. Chapter 4 introduces the histological groupings used and explains the rationale behind them.

Issues that can affect comparability between registries and validity of registry data are discussed in Chapter 5, as are the methods by which the submitted datasets were assessed; and Chapter 6 describes how the raw data received for CI5 were processed. Chapter 7 describes the summary measures of incidence used, and Chapter 8 explains the structure of the various tables included in this book and on the CI5 website (http://ci5.iarc.fr).

ACKNOWLEDGEMENTS

The editors would like to thank Eric Masuyer and Sébastien Antoni, who spent considerable time processing the data and questionnaire responses sent by each submitting registry, and subsequently handled the iterative communications and requests for

clarification from the registries; Mathieu Laversanne, who created the maps; and Isabelle Savage, who acted as the CI5 Volume X Editorial Board secretary, supported by Katiuska Veselinovic. The editors would particularly like to thank the many directors and registrars from all the cancer registries that submitted data to this volume, for their efforts to produce cancer incidence data and make them available to the world. Their work is the cornerstone of descriptive cancer epidemiology, and provides a basis for future cancer research and control policies.

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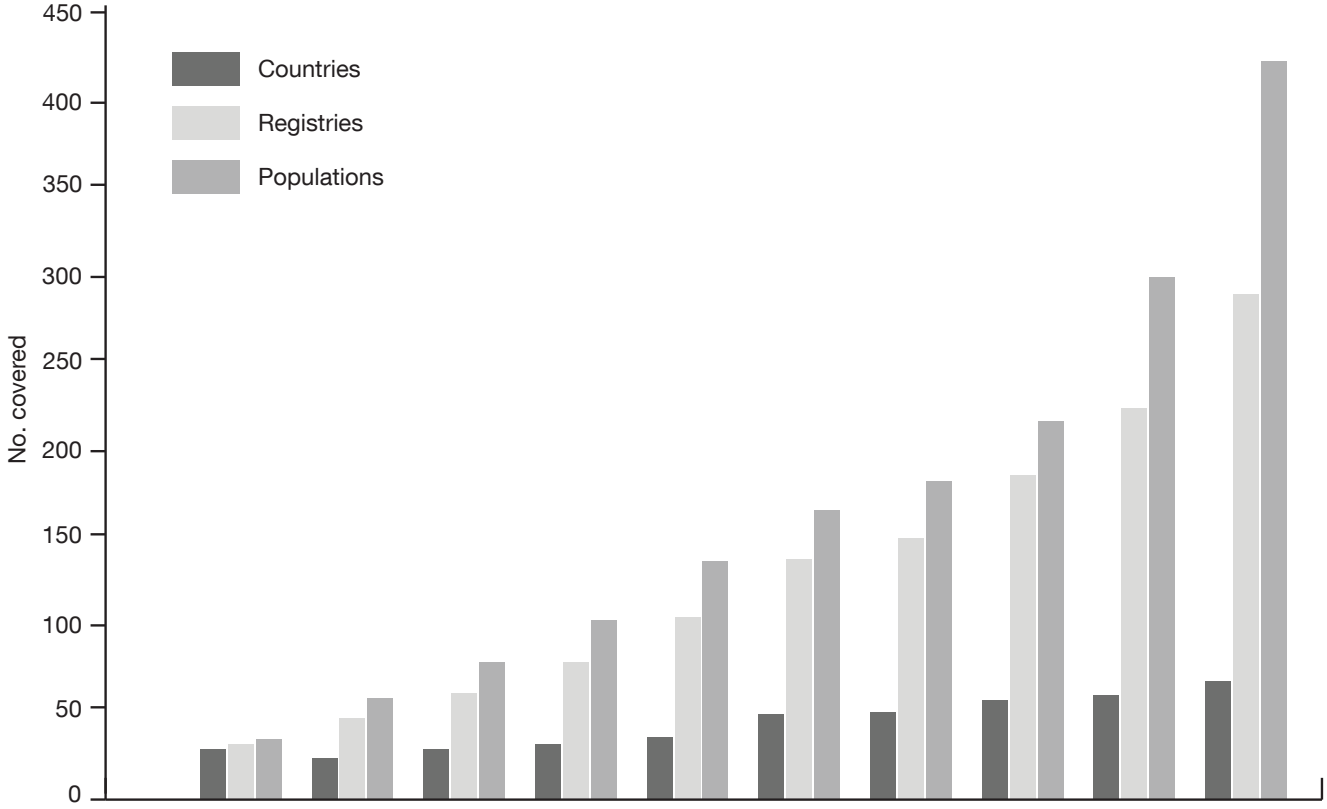

Volume	**I**	**II**	**III**	**IV**	**V**	**VI**	**VII**	**VIII**	**IX**	**X**
Publication year	1966	1970	1976	1982	1987	1992	1997	2002	2007*	2013*
Period (approx.)	1960–62	1963–67	1968–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Countries	29	24	29	32	36	49	50	57	60	68
Registries	32	47	61	79	105	138	150	186	225	290
Populations	35	58	79	103	137	166	183	214	300	424

Fig. 1.1. Coverage in the 10 volumes of CI5. *Year data first available.

Table 1.3. Geographical coverage (and specific time periods) in the 10 volumes of CI5

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX	Vol. X
Africa										
Algeria, Algiers	–	–	–	–	–	–	–	1993–97	–	–
Algeria, Sétif	–	–	–	–	–	1986–89	1990–93	–	1998–02	2003–07
Egypt, Gharbiah	–	–	–	–	–	–	–	–	1999–02	2003–07
France, Réunion	–	–	–	–	–	–	1988–92	1993–94	–	–
The Gambia	–	–	–	–	–	1987–89	–	1997–98	–	–
Libya, Benghazi	–	–	–	–	–	–	–	–	–	2003–05
Malawi, Blantyre	–	–	–	–	–	–	–	–	–	2003–07
Mali, Bamako	–	–	–	–	–	1987–89	1988–92	1994–96	–	–
Mozambique, Lourenço Marques	1956–60	–	–	–	–	–	–	–	–	–
Nigeria, Ibadan	1960–62	1960–65	1960–69	–	–	–	–	–	–	–
Senegal, Dakar	–	–	–	1969–74	–	–	–	–	–	–
South Africa, Cape Province:										
Bantu	–	1956–59	–	–	–	–	–	–	–	–
Coloured	–	1956–59	–	–	–	–	–	–	–	–
White	–	1956–59	–	–	–	–	–	–	–	–
South Africa, Johannesburg:										
Bantu	1953–55	–	–	–	–	–	–	–	–	–
South Africa, Natal Province:										
African	–	1964–66	–	–	–	–	–	–	–	–
Indian	–	1964–66	–	–	–	–	–	–	–	–
South Africa, PROMEC	–	–	–	–	–	–	–	–	–	2003–07
Tunisia, Central Region	–	–	–	–	–	–	–	–	1998–02	–
Tunisia, North	–	–	–	–	–	–	–	–	–	2003–05
Uganda, Kyadondo County	1954–60	–	–	–	–	–	1991–93	1993–97	1998–02	2003–07
Zimbabwe: European	–	–	–	–	–	–	1990–92	–	–	–
Zimbabwe, Bulawayo: African	–	1963–67	1968–72	–	–	–	–	–	–	–
Zimbabwe, Harare: African	–	–	–	–	–	–	1990–92	1993–97	1998–02	2003–06
Central and South America										
Argentina, Bahía Blanca	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
Argentina, Concordia	–	–	–	–	–	–	1990–94	1993–97	–	–
Argentina, Córdoba	–	–	–	–	–	–	–	–	–	2003–07
Argentina, Mendoza	–	–	–	–	–	–	–	–	–	2003–07
Argentina, Tierra del Fuego	–	–	–	–	–	–	–	–	–	2003–07
Brazil, Aracaju	–	–	–	–	–	–	–	–	–	2003–06
Brazil, Belém	–	–	–	–	–	–	1989–91	–	–	–
Brazil, Belo Horizonte	–	–	–	–	–	–	–	–	–	2003–05
Brazil, Brasília	–	–	–	–	–	–	–	–	1998–01	–
Brazil, Campinas	–	–	–	–	–	–	–	1991–95	–	–
Brazil, Cuiabá	–	–	–	–	–	–	–	–	2000–02	2003–06
Brazil, Fortaleza	–	–	–	–	1978–82	–	–	–	–	2003–06
Brazil, Goiânia	–	–	–	–	–	1988–89	1990–93	1995–98	1999–02	2003–07
Brazil, São Paulo	–	–	1969	1973	1978	–	–	–	1998–02	2003–07
Chile	1959–61	–	–	–	–	–	–	–	–	–
Chile, Region of Antofagasta	–	–	–	–	–	–	–	–	–	2003–07
Chile, Bío Bío Province	–	–	–	–	–	–	–	–	–	2003–07
Chile, Valdivia	–	–	–	–	–	–	–	–	1998–02	2003–07
Colombia, Bucaramanga	–	–	–	–	–	–	–	–	–	2003–07
Colombia, Cali	1962–64	1962–66	1967–71	1972–76	1977–81	1982–86	1987–91	1992–96	1998–02	2003–07
Colombia, Manizales	–	–	–	–	–	–	–	–	–	2003–07
Colombia, Pasto	–	–	–	–	–	–	–	–	–	2003–07
Costa Rica	–	–	–	–	1980–82	1984–87	1988–92	1993–97	1998–02	2003–07
Cuba	–	–	1968–72	1973–77	–	1986	–	–	–	–
Cuba, Villa Clara	–	–	–	–	–	–	–	1995–97	–	2004–07
Ecuador, Cuenca	–	–	–	–	–	–	–	–	–	2003–07

Table 1.3. (Contd) Geographical coverage (and specific time periods) in the 10 volumes of CI5

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX	Vol. X
Ecuador, Quito	–	–	–	–	–	1985–87	1988–92	1993–97	1998–02	2003–07
France, Martinique	–	–	–	–	1981–82	1983–87	–	1993–95	1998–02	2003–07
Jamaica, Kingston and St Andrew	1958–63	1964–66	1967–72	1973–77	–	–	–	–	–	2003–07
The Netherlands Antilles (except Aruba)	–	–	–	1973–78	1978–82	–	–	–	–	–
Paraguay, Asunción	–	–	–	–	–	1988–89	–	–	–	–
Peru, Lima	–	–	–	–	–	–	1990–91	–	–	–
Peru, Trujillo	–	–	–	–	–	1984–87	1988–90	–	1998–02	–
UK, Bermuda:										
Black	–	–	–	–	–	1983–87	–	–	–	–
White and other	–	–	–	–	–	1983–87	–	–	–	–
USA, Puerto Rico	1962–63	1964–66	1968–72	1973–77	1978–82	1983–87	1988–91	1992–93	–	2003–07
Uruguay	–	–	–	–	–	–	–	–	–	2005–07
Uruguay, Montevideo	–	–	–	–	–	–	1990–92	1993–95	–	–
North America										
Canada	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Canada, Alberta	1960–62	1963–66	1969–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Canada, British Columbia	–	–	1969–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Canada, Manitoba	1960–62	1963–66	1969–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Canada, Maritime Provinces (New Brunswick, Nova Scotia, Prince Edward Island)	–	–	1969–72	1973–77	1978–82	1983–87	–	–	–	–
Canada, New Brunswick	1962–64	1965–66	–	–	1978–82	1983–86	1988–92	1993–97	1998–02	2003–07
Canada, Newfoundland and Labrador	1960–62	1963–66	1969–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Canada, Northwest Territories and Yukon	–	–	–	1973–77	1978–82	1983–87	–	–	–	–
Canada, Northwest Territories	–	–	–	–	–	–	1983–92	1983–97	1998–02	2003–07
Canada, Nova Scotia	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Canada, Ontario	–	–	–	1969–71	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Canada, Prince Edward Island	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Canada, Quebec	–	1963–66	1969–72	1973–77	1978–81	1983–87	1988–92	1993–97	–	2003–07
Canada, Saskatchewan	1960–62	1963–66	1969–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Canada, Yukon	–	–	–	–	–	–	1983–92	1983–97	–	2003–07
USA, NPCR:	–	–	–	–	–	–	–	–	1998–02	2003–07
American Indian	–	–	–	–	–	–	–	–	–	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, SEER:										
Black	–	–	–	–	–	1983–87	1988–92	1993–97	–	–
White	–	–	–	–	–	1983–87	1988–92	1993–97	–	–
USA, SEER (9 registries):	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, SEER (14 registries, then 18 registries):	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
Hispanic White	–	–	–	–	–	–	–	–	1998–02	2003–07
Non-Hispanic White	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, Alabama:	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Alaska:	–	–	–	–	–	–	–	–	1998–02	2003–07
American Indian	–	–	–	–	–	–	–	–	–	2003–07

Table 1.3. (Contd) Geographical coverage (and specific time periods) in the 10 volumes of CI5

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX	Vol. X
USA, Arizona:	–	–	–	–	–	–	–	–	1998–02	2003–07
American Indian	–	–	–	–	–	–	–	–	–	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, Arkansas:	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, California:	–	–	–	–	–	–	–	–	1998–02	2003–07
American Indian	–	–	–	–	–	–	–	–	–	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
Hispanic White	–	–	–	–	–	–	–	–	1998–02	2003–07
Non-Hispanic White	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, California, Alameda County:										
Black	–	1960–64	1969–73	1973–77	1978–82	1983–87	–	–	–	–
White	–	1960–64	1969–73	1973–77	1978–82	1983–87	–	–	–	–
USA, California, Central Valley:										
Hispanic White	–	–	–	–	–	–	1988–92	–	–	–
Non-Hispanic White	–	–	–	–	–	–	1988–92	–	–	–
USA, California, Los Angeles County:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	1972–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Chinese	–	–	–	1972–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Filipino	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Hispanic White	–	–	–	–	–	–	1988–92	1993–97	1998–02	2003–07
Japanese	–	–	–	1972–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Korean	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Non-Hispanic White	–	–	–	–	–	–	1988–92	1993–97	1998–02	2003–07
Other White	–	–	–	1972–77	1978–82	1983–87	–	–	–	–
Spanish-surnamed White	–	–	–	1972–77	1978–82	1983–87	–	–	–	–
White	–	–	–	–	–	–	–	–	–	2003–07
USA, California, San Francisco Bay Area:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	1969–73	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Chinese	–	–	1969–73	1973–77	1978–82	–	1988–92	–	1998–02	–
Filipino	–	–	–	–	1978–82	–	1988–92	–	1998–02	–
Hispanic White	–	–	–	–	–	–	1988–92	1993–97	1998–02	2003–07
Japanese	–	–	–	1973–77	1978–82	–	1988–92	–	1998–02	–
Non-Hispanic White	–	–	–	–	–	–	1988–92	1993–97	1998–02	2003–07
White	–	–	1969–73	1973–77	1978–82	1983–87	–	–	–	2003–07
USA, Colorado:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, Connecticut:	1960–62	1963–65	1968–72	1973–77	–	–	1988–92	1993–97	1998–02	2003–07
Black	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
White	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
USA, District of Columbia:	–	–	–	–	–	–	–	–	1998–02	–
Black	–	–	–	–	–	–	–	–	1998–02	–
White	–	–	–	–	–	–	–	–	1998–02	–
USA, Delaware:	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07

Table 1.3. (Contd) Geographical coverage (and specific time periods) in the 10 volumes of CI5

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX	Vol. X
USA, Florida:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Georgia:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Georgia, Atlanta:	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	–	1975–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
White	–	–	–	1975–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
USA, Idaho	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Illinois:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Indiana:	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, Iowa	–	–	1969–71	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
USA, Kentucky	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Louisiana:	–	–	–	–	–	–	–	–	1998–02	2003–04 2006–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–04 2006–07
White	–	–	–	–	–	–	–	–	1998–02	2003–04 2006–07
USA, Louisiana, Central Region:										
Black	–	–	–	–	–	–	1988–92	1993–93	–	–
White	–	–	–	–	–	–	1988–92	1993–97	–	–
USA, Louisiana, New Orleans:	–	–	–	–	–	–	–	–	–	2003–04 2006–07
Black	–	–	–	1974–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–04 2006–07
White	–	–	–	1974–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–04 2006–07
USA, Maine	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Massachusetts:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, Michigan:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Michigan, Detroit:	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	1969–71	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
White	–	–	1969–71	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
USA, Mississippi	–	–	–	–	–	–	–	–	–	2003–07
USA, Missouri:	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Montana:	–	–	–	–	–	–	–	–	1998–02	2003–07
American Indian	–	–	–	–	–	–	–	–	–	2003–07
USA, Nebraska:	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, Nevada	–	1959–66	–	–	–	–	–	–	–	–
USA, New Hampshire	–	–	–	–	–	–	–	–	–	2003–07

Table 1.3. (Contd) Geographical coverage (and specific time periods) in the 10 volumes of CI5

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX	Vol. X
USA, New Jersey:	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
White	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
USA, New Mexico:	–	–	–	–	–	1983–87	–	1993–97	1998–02	2003–07
American Indian	–	–	1969–72	1973–77	1978–82	–	1988–92	1993–97	1998–02	–
Hispanic	–	–	1969–72	1973–77	1978–82	–	–	–	–	–
Hispanic White	–	–	–	–	–	–	1988–92	1993–97	1998–02	2003–07
Non-Hispanic White	–	–	–	–	–	–	1988–92	1993–97	1998–02	2003–07
Other White (Anglo)	–	–	1969–72	1973–77	1978–82	–	–	–	–	–
White	–	–	–	–	–	–	–	–	–	2003–07
USA, New York City	–	–	–	–	1978–82	1983–87	–	–	–	–
USA, New York State:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, New York State (except New York City):	1959–61	–	1969–71	1973–77	1978–82	1983–87	–	1993–97	–	–
Black	–	–	–	–	–	–	–	1993–97	–	–
White	–	–	–	–	–	–	–	1993–97	–	–
USA, North Carolina:	–	–	–	–	–	–	–	–	–	2003–07
American Indian	–	–	–	–	–	–	–	–	–	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, North Dakota	–	–	–	–	–	–	–	–	–	2003–07
USA, Ohio:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Oklahoma:	–	–	–	–	–	–	–	–	1998–02	2003–07
American Indian	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, Oregon:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, Pennsylvania:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Rhode Island:	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, South Carolina:	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, South Dakota	–	–	–	–	–	–	–	–	–	2003–07
USA, Tennessee:	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, Texas:	–	–	–	–	–	–	–	–	1998–02	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	1998–02	2003–07
White	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Texas, El Paso:										
Latin	–	1960–66	1968–70	–	–	–	–	–	–	–
Other than Latin	–	1960–66	1968–70	–	–	–	–	–	–	–

Table 1.3. (Contd) Geographical coverage (and specific time periods) in the 10 volumes of CI5

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX	Vol. X
USA, Utah	–	–	1966–70	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
USA, Vermont	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Virginia:	–	–	–	–	–	–	–	–	–	2003–07
Asian and Pacific Islander	–	–	–	–	–	–	–	–	–	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, Washington State	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Washington, Seattle	–	–	–	1974–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
USA, West Virginia	–	–	–	–	–	–	–	–	1998–02	2003–07
USA, Wisconsin:	–	–	–	–	–	–	–	–	1998–02	2003–07
Black	–	–	–	–	–	–	–	–	–	2003–07
White	–	–	–	–	–	–	–	–	–	2003–07
USA, Wyoming	–	–	–	–	–	–	–	–	–	2003–07
Asia										
Bahrain: Bahraini	–	–	–	–	–	–	–	–	1998–02	2003–07
China, Beijing City	–	–	–	–	–	–	–	1993–97	–	2003–07
China, Changle	–	–	–	–	–	–	–	1993–97	–	–
China, Cixian County	–	–	–	–	–	–	–	1993–97	–	2003–07
China, Guangzhou	–	–	–	–	–	–	–	–	2000–02	–
China, Haining County	–	–	–	–	–	–	–	–	–	2003–07
China, Harbin City, Nangang District	–	–	–	–	–	–	–	–	1998–02	2003–07
China, Hong Kong	–	–	–	1974–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
China, Jiashan County	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
China, Jiaxing City	–	–	–	–	–	–	–	–	–	2003–07
China, Macao	–	–	–	–	–	–	–	–	–	2003–07
China, Qidong County	–	–	–	–	–	1983–87	1988–92	1993–97	–	2003–07
China, Shanghai City	–	–	–	1975	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
China, Taiwan	–	–	–	–	–	–	–	1997–97	–	–
China, Tianjin	–	–	–	–	1981–82	1983–87	1988–92	1993–97	–	–
China, Wuhan City	–	–	–	–	–	–	–	1993–97	–	2003–07
China, Yangcheng County	–	–	–	–	–	–	–	–	–	2003–07
China, Yanting County	–	–	–	–	–	–	–	–	–	2003–07
China, Zhongshan City	–	–	–	–	–	–	–	–	1998–02	2004–07
India, Ahmedabad	–	–	–	–	–	1983–87	–	1993–97	–	–
India, Bangalore	–	–	–	–	1982	1983–87	1988–92	1993–97	–	2005–07
India; Barshi, Paranda, and Bhum	–	–	–	–	–	–	1988–92	–	–	2003–07
India, Bhopal	–	–	–	–	–	–	–	–	–	2004–07
India, Chennai (formerly Madras)	–	–	–	–	1982	1983–87	1988–92	1993–97	1998–02	2003–07
India, Dindigul, Ambilikkai	–	–	–	–	–	–	–	–	–	2003–07
India, Karunagappally	–	–	–	–	–	–	1991–92	1993–97	1998–02	2003–07
India, Mizoram	–	–	–	–	–	–	–	–	–	2003–07
India, Mumbai (formerly Bombay)	–	1964–66	1968–72	1973–75	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
India, Nagpur	–	–	–	–	1980–82	–	–	1993–97	1998–02	–
India, New Delhi	–	–	–	–	–	–	–	1993–96	1998–02	2003–07
India, Poona	–	–	–	1973–77	1978–82	–	–	1993–97	1998–02	2003–07
India, Sikkim State	–	–	–	–	–	–	–	–	–	2003–07
India, Trivandrum	–	–	–	–	–	–	1991–92	1993–97	1998–02	2005–07
Iran (Islamic Republic of), Golestan Province	–	–	–	–	–	–	–	–	–	2005–07
Israel:	1960–63	–	–	–	–	–	–	1993–97	1998–02	2003–07
All Jews	–	1960–66	1967–71	1972–76	1977–81	1982–86	1988–92	1993–97	1998–02	2003–07
Jews born in Africa or Asia	–	1960–66	1967–71	1972–76	1977–81	1982–86	1988–92	1993–97	–	–
Jews born in Europe or America	–	1960–66	1967–71	1972–76	1977–81	1982–86	1988–92	1993–97	–	–

Table 1.3. (Contd) Geographical coverage (and specific time periods) in the 10 volumes of CI5

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX	Vol. X
Jews born in Israel	–	1960–66	1967–71	1972–76	1977–81	1982–86	1988–92	1993–97	–	–
Non-Jews	–	1960–66	1967–71	1972–76	1977–81	1982–86	1988–92	1993–97	1998–02	2003–07
Japan, Aichi Prefecture	–	–	–	–	–	–	–	–	1998–02	2003–07
Japan, Fukui Prefecture	–	–	–	–	–	–	–	–	1998–02	2003–07
Japan, Fukuoka	–	–	–	1974–75	–	–	–	–	–	–
Japan, Hiroshima	–	–	–	–	1978–80	1981–85	1986–90	1991–95	1996–00	2003–07
Japan, Miyagi Prefecture	1959–60	1962–64	1968–71	1973–77	1978–81	1983–87	1988–92	1993–97	1998–02	2003–07
Japan, Nagasaki Prefecture	–	–	–	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Japan, Niigata Prefecture	–	–	–	–	–	–	–	–	–	2003–07
Japan, Okayama	–	1966	1969	–	–	–	–	–	–	–
Japan, Osaka Prefecture	–	–	1970–71	1973–77	1979–82	1983–87	1988–92	1993–97	1998–02	2003–07
Japan, Saga Prefecture	–	–	–	–	–	1984–86	1988–92	1993–97	–	2005–07
Japan, Yamagata Prefecture	–	–	–	–	–	1983–86	1988–92	1993–97	1998–02	–
Republic of Korea	–	–	–	–	–	–	–	–	1998–02	2003–07
Republic of Korea, Busan	–	–	–	–	–	–	–	1996–97	1998–02	2003–07
Republic of Korea, Daegu	–	–	–	–	–	–	–	1997–98	1998–02	2003–07
Republic of Korea, Daejeon	–	–	–	–	–	–	–	–	1998–02	2003–07
Republic of Korea, Gwangju	–	–	–	–	–	–	–	–	1998–02	2003–07
Republic of Korea, Incheon	–	–	–	–	–	–	–	–	1998–02	2003–07
Republic of Korea, Jejudo	–	–	–	–	–	–	–	–	2000–02	2004–07
Republic of Korea, Kangwha County	–	–	–	–	–	–	1986–92	1993–97	–	–
Republic of Korea, Seoul	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
Republic of Korea, Ulsan	–	–	–	–	–	–	–	–	1999–02	2003–07
Kuwait:	–	–	–	–	–	–	–	–	–	2003–07
Kuwaiti	–	–	–	–	1979–82	1983–87	1988–89 1992–93	1994–98	1998–02	2003–07
Non-Kuwaiti	–	–	–	–	1979–82	1983–87	1988–89 1992–93	1994–98	1998–02	2003–07
Kyrgyzstan	–	–	–	–	–	1986–87	–	–	–	–
Malaysia, Penang:	–	–	–	–	–	–	–	–	1998–02	2004–07
Chinese	–	–	–	–	–	–	–	–	–	2004–07
Indian	–	–	–	–	–	–	–	–	–	2004–07
Malay	–	–	–	–	–	–	–	–	–	2004–07
Malaysia, Sarawak	–	–	–	–	–	–	–	–	1998–02	–
Oman: Omani	–	–	–	–	–	–	–	1993–97	1998–01	–
Pakistan, South Karachi	–	–	–	–	–	–	–	1995–97	1998–02	–
Philippines, Manila	–	–	–	–	–	1983–87	1988–92	1993–97	1998–02	2003–07
Philippines, Rizal	–	–	–	–	1978–82	1983–87	–	1993–97	–	2003–07
Qatar: Qatari	–	–	–	–	–	–	–	–	–	2003–07
Saudi Arabia, Riyadh: Saudi	–	–	–	–	–	–	–	–	–	2003–07
Singapore:	–	–	–	–	–	–	–	–	1998–02	2003–07
Chinese	1950–61	–	1968–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Indian	–	–	1968–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Malay	–	–	1968–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Thailand, Bangkok	–	–	–	–	–	–	–	1995–97	–	2003–07
Thailand, Chiang Mai	–	–	–	–	–	1983–87	1988–92	1993–97	1998–02	2003–07
Thailand, Chonburi	–	–	–	–	–	–	–	–	–	2003–07
Thailand, Khon Kaen	–	–	–	–	–	1988–89	1990–93	1993–97	–	2003–07
Thailand, Lampang	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
Thailand, Songkhla	–	–	–	–	–	–	–	1993–96	1998–02	2004–07
Turkey, Antalya	–	–	–	–	–	–	–	–	1998–02	2003–07
Turkey, Edirne	–	–	–	–	–	–	–	–	–	2004–07
Turkey, İzmir	–	–	–	–	–	–	–	–	1998–02	2003–07
Turkey, Trabzon	–	–	–	–	–	–	–	–	–	2005–07
Viet Nam, Hanoi	–	–	–	–	–	–	1991–93	1993–97	–	–
Viet Nam, Ho Chi Minh City	–	–	–	–	–	–	–	1995–98	–	–

Table 1.3. (Contd) Geographical coverage (and specific time periods) in the 10 volumes of CI5

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX	Vol. X
Europe										
Austria	–	–	–	–	–	–	–	–	1998–02	2003–07
Austria, Tyrol	–	–	–	–	–	–	1988–92	1993–97	1998–02	2003–07
Austria, Vorarlberg	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
Belarus	–	–	–	–	–	1983–87	1988–92	1993–97	1998–02	2003–07
Belgium	–	–	–	–	–	–	–	–	–	2004–07
Belgium, Antwerp	–	–	–	–	–	–	–	–	1998–02	–
Belgium, Flanders	–	–	–	–	–	–	–	–	1998–01	–
Belgium, Flanders (except Limburg)	–	–	–	–	–	–	–	1997–98	–	–
Belgium, Limburg	–	–	–	–	–	–	–	1997–98	–	–
Bulgaria	–	–	–	–	–	–	–	–	1998–02	2003–07
Croatia	–	–	–	–	–	–	1988–91	1993–97	1998–02	2003–07
Cyprus	–	–	–	–	–	–	–	–	1998–02	2003–07
Czech Republic	–	–	–	–	–	1983–87	1988–92	1993–97	1998–02	2003–07
Denmark	1953–57	1958–62	1963–67	1968–72 1973–76	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Estonia	–	–	–	–	–	1983–87	1988–92	1993–97	1998–02	2003–07
Finland	1959–61	1962–65	1966–70	1971–76	1977–81	1982–86	1987–92	1993–97	1998–02	2003–07
France, Bas-Rhin	–	–	–	1975–77	1978–81	1983–87	1988–92	1993–97	1998–02	2003–07
France, Calvados	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
France, Côte-d'Or	–	–	–	–	–	–	–	1993–97	–	–
France, Doubs	–	–	–	1977	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
France, Haut-Rhin	–	–	–	–	–	–	1988–92	1993–97	1998–02	2003–07
France, Hérault	–	–	–	–	–	–	1988–92	1993–97	1998–02	2003–07
France, Isère	–	–	–	–	1979–82	1983–87	1988–92	1993–97	1998–02	2003–07
France, Loire-Atlantique	–	–	–	–	–	–	–	–	1998–02	2003–07
France, Manche	–	–	–	–	–	–	–	1994–97	1998–02	2003–07
France, Somme	–	–	–	–	–	1983–84	1988–92	1993–97	1998–02	2003–07
France, Tarn	–	–	–	–	–	1983–87	1988–92	1993–97	1998–02	2003–07
France, Vendée	–	–	–	–	–	–	–	–	1998–02	2003–07
Germany, Brandenburg	–	–	–	–	–	–	–	–	1998–02	2003–07
Germany, Bremen	–	–	–	–	–	–	–	–	–	2003–07
Germany, Eastern States (ex-GDR)	–	1964–66	1968–72	1973–77	1978–82	1983–87	1988–89	–	–	–
Germany, Free State of Saxony	–	–	–	–	–	–	–	–	1998–02	2003–07
Germany, Hamburg	1960–62	1963–66	1969–72	1973–77	1978–79	–	–	–	1998–02	2003–07
Germany, Mecklenburg-Western Pomerania	–	–	–	–	–	–	–	–	1998–02	2003–07
Germany, Munich	–	–	–	–	–	–	–	–	1998–02	2003–07
Germany, North Rhine-Westphalia	–	–	–	–	–	–	–	–	1998–02	2003–07
Germany, Saarland	–	–	1968–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Germany, Schleswig-Holstein	–	–	–	–	–	–	–	–	–	2003–07
Hungary, Szabolcs-Szatmár-Bereg County	–	1962–66	1969–71	1973–77	1978–82	1983–87	–	–	–	–
Hungary, Vas County	–	1962–66	1968–72	1973–77	1978–82	1983–87	–	–	–	–
Hungary, Miskolc	–	1962–66	–	–	–	–	–	–	–	–
Iceland	1955–63	–	1964–72	–	1973–82	1983–87	1988–92	1993–97	1998–02	2003–07
Ireland	–	–	–	–	1980–82	1983–86	1988–92	1994–97	1998–02	2003–07
Italy, Biella	–	–	–	–	–	–	–	1995–97	1998–02	2003–07
Italy, Brescia	–	–	–	–	–	–	–	–	1999–01	2003–06
Italy, Catania and Messina	–	–	–	–	–	–	–	–	–	2003–05
Italy, Catanzaro	–	–	–	–	–	–	–	–	–	2003–07
Italy, Como	–	–	–	–	–	–	–	–	–	2003–07
Italy, Ferrara	–	–	–	–	–	–	1991–92	1993–97	1998–02	2003–07
Italy, Florence and Prato	–	–	–	–	–	1985–87	1988–91	1993–97	1998–02	2003–05
Italy, Friuli-Venezia Giulia	–	–	–	–	–	–	–	–	–	2003–07
Italy, Genoa	–	–	–	–	–	1986–87	1988–92	1993–96	1998–00	2003–06

Table 1.3. (Contd) Geographical coverage (and specific time periods) in the 10 volumes of CI5

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX	Vol. X
Italy, Latina	–	–	–	–	–	1983–85	1988–91	–	–	2004–07
Italy, Lecco	–	–	–	–	–	–	–	–	–	2003–07
Italy, Liguria	–	–	–	–	–	–	–	1996–97	–	–
Italy, Lombardy, South	–	–	–	–	–	–	–	–	–	2003–05
Italy, Macerata	–	–	–	–	–	–	1991–92	1993–97	1998–00	–
Italy, Mantua	–	–	–	–	–	–	–	–	–	2003–05
Italy, Milan	–	–	–	–	–	–	–	–	1999–02	2003–06
Italy, Modena	–	–	–	–	–	–	1988–92	1993–97	1998–02	2003–07
Italy, Naples	–	–	–	–	–	–	–	–	1998–02	2003–07
Italy, Northeast	–	–	–	–	–	–	–	1995–97	1998–02	–
Italy, Nuoro	–	–	–	–	–	–	–	–	–	2003–07
Italy, Palermo	–	–	–	–	–	–	–	–	–	2003–07
Italy, Parma	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Italy, Ragusa	–	–	–	–	–	1986–87	1988–92	1993–97	1998–02	2003–07
Italy, Reggio Emilia	–	–	–	–	–	–	–	–	1998–02	2003–07
Italy, Romagna	–	–	–	–	–	1985–87	1989–92	1993–97	1998–02	2003–07
Italy, Salerno	–	–	–	–	–	–	–	–	1998–01	2003–07
Italy, Sassari	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
Italy, Sondrio	–	–	–	–	–	–	–	–	1998–02	2003–07
Italy, South Tyrol	–	–	–	–	–	–	–	–	–	2003–05
Italy, Syracuse	–	–	–	–	–	–	–	–	1999–02	2003–07
Italy, Trapani	–	–	–	–	–	–	–	–	–	2003–06
Italy, Trento	–	–	–	–	–	–	–	–	–	2003–06
Italy, Trieste	–	–	–	–	–	1983–87	1989–92	–	–	–
Italy, Turin	–	–	–	–	–	1984–85	1988–91	1993–97	1998–02	2003–07
Italy, Umbria	–	–	–	–	–	–	–	1994–96	1998–02	2003–07
Italy, Varese	–	–	–	1976–77	1978–81	1983–87	1988–92	1993–97	1998–00	2003–07
Italy, Veneto	–	–	–	–	–	–	1988–92	1993–96	1998–01	2003–06
Latvia	–	–	–	–	–	1983–87	1988–92	1993–97	1998–02	2003–07
Lithuania	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
Malta	–	–	1969–72	–	–	–	1992–93	1993–97	1998–02	2003–07
The Netherlands	–	–	–	–	–	–	1989–92	1993–97	1998–02	2003–07
The Netherlands, three provinces	1960–62	–	–	–	–	–	–	–	–	–
The Netherlands, Eindhoven	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
The Netherlands, Maastricht	–	–	–	–	–	1986–88	1988–92	1993–97	1998–02	–
Norway	1959–61	1964–66	1968–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Poland, Cieszyn Area	–	–	1968–72	1973–77	–	–	–	–	–	–
Poland, Cracow	–	1965–66	1968–72	1973–77	1978–81	1983–86	1988–92	1993–97	1998–02	2003–06
Poland, Katowice District	–	1965–66	1970–72	1973–74	–	–	–	–	–	–
Poland, Kielce	–	–	–	–	–	–	1988–92	1993–96	1998–02	2003–07
Poland, Lower Silesia	–	–	–	–	–	1984–87	1988–92	1993–97	–	2003–07
Poland, Nowy Sącz	–	–	1968–72	1973–77	1978–81	1983–86	–	–	–	–
Poland, Opole	–	–	–	–	–	1985–87	–	–	–	–
Poland, Podkarpackie	–	–	–	–	–	–	–	–	–	2003–07
Poland, Warsaw (rural areas)	–	1965–66	1968–72	1973–77	–	1983–87	–	–	–	–
Poland, Warsaw (urban area)	–	1965–66	1968–72	1973–77	1980–82	1983–87	1989–92	1993–97	1998–02	–
Portugal, Azores	–	–	–	–	–	–	–	–	–	2003–07
Portugal, Porto	–	–	–	–	–	–	–	–	1998–02	–
Portugal, South Region	–	–	–	–	–	–	–	–	1999–01	–
Portugal, Vila Nova de Gaia	–	–	–	–	–	1983–87	–	1993–97	–	–
Romania, Banat Region	–	1967	–	–	–	–	–	–	–	–
Romania, Cluj County	–	–	–	1974–78	1979–82	1983–87	–	–	–	–
Romania, Timiş County	–	–	1970–72	–	–	–	–	–	–	–
Russian Federation, Saint Petersburg	–	–	–	–	–	1983–87	–	1994–97	1998–02	2003–07
Serbia, Central	–	–	–	–	–	–	–	–	1998–02	2003–07
Slovakia	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07

Table 1.3. (Contd) Geographical coverage (and specific time periods) in the 10 volumes of CI5

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX	Vol. X
Slovakia, Western	–	–	–	1973–77	–	–	–	–	–	–
Slovenia	1956–60	1961–65	1968–72	1973–76	1978–81	1982–87	1988–92	1993–97	1998–02	2003–07
Spain, Albacete	–	–	–	–	–	–	1991–92	1993–97	1998–01	2003–07
Spain, Asturias	–	–	–	–	–	–	1988–91	1992–95	1996–00	2003–07
Spain, Basque Country	–	–	–	–	–	1986–87	1988–91	–	1998–01	2003–07
Spain, Canary Islands	–	–	–	–	–	–	–	1993–95	1997–01	2003–06
Spain, Ciudad Real	–	–	–	–	–	–	–	–	–	2004–07
Spain, Cuenca	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
Spain, Girona	–	–	–	–	–	–	–	1994–97	1998–02	2003–07
Spain, Granada	–	–	–	–	–	1985–87	1988–92	1993–97	1998–02	2003–07
Spain, La Rioja	–	–	–	–	–	–	–	–	–	2003–07
Spain, Mallorca	–	–	–	–	–	–	1988–92	1993–96	–	2003–07
Spain, Murcia	–	–	–	–	–	1984–87	1988–92	1993–96	1997–01	2003–07
Spain, Navarra	–	–	–	1973–77	1978–82	1983–86	1987–91	1993–97	1998–02	2003–07
Spain, Tarragona	–	–	–	–	1980–83	1984–87	1988–92	1993–97	1998–01	2003–07
Spain, Zaragoza	–	–	1968–72	1973–77	1978–82	1983–85	1986–90	1991–95	1996–00	–
Sweden	1959–61	1962–65	1966–70	1971–75	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Switzerland, Basel	–	–	–	–	1981–82	1983–87	1988–92	1993–97	–	2003–07
Switzerland, Geneva	–	–	1970–72	1973–77	1979–82	1983–87	1988–92	1993–97	1998–02	2003–07
Switzerland, Graubünden	–	–	–	–	–	–	1989–92	–	–	–
Switzerland, Graubünden and Glarus	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
Switzerland, Neuchâtel	–	–	–	1974–76	1978–82	1983–87	1988–92	1993–96	1998–02	2003–07
Switzerland, St Gall-Appenzell	–	–	–	–	–	1983–87	1988–92	1993–97	1998–02	2003–07
Switzerland, Ticino	–	–	–	–	–	–	–	1996–97	1998–02	2003–07
Switzerland, Valais	–	–	–	–	–	–	1989–92	1993–97	1998–02	2003–07
Switzerland, Vaud	–	–	–	1975–77	1978–82	1983–87	1988–92	1993–96	1998–02	2003–07
Switzerland, Zurich	–	–	–	–	1980–82	1983–87	1988–92	1993–96	–	2003–07
Ukraine	–	–	–	–	–	–	–	–	–	2003–07
UK, England	–	–	–	–	–	–	–	1993–97	–	2003–07
UK, England and Wales	–	–	–	–	1979–82	1983–86	1988–90	–	–	–
UK, England, East of England Region	–	–	–	–	–	–	1988–92	1993–97	1998–02	2003–07
UK, England, Merseyside and Cheshire	1959–63	1963–66	1968–72	1975–77	1978–82	1983–87	1988–92	1993–97	1998–02	–
UK, England, North Western	–	–	–	1973–77	1979–82	1983–87	1988–92	1993–97	1998–02	2003–07
UK, England, Northern and Yorkshire	–	–	–	–	–	–	–	–	1998–02	2003–07
UK, England, Oxford Region	–	1963–66	1968–72	1974–77	1979–82	1983–87	1988–92	1993–97	1998–02	2003–07
UK, England, South and Western Regions	1960–62	1962–65	1966–70	–	1979–82	1983–87	1988–92	1993–97	1998–02	2003–07
UK, England, South Thames	1960–62	–	1963–66	1973–77	1978–82	1983–87	1988–92	1993–97	–	–
(South Metropolitan)				1967–71						
UK, England, Thames	–	–	–	–	–	–	–	–	1998–02	2003–07
UK, England, Trent	–	1963–66	1967–70	1974–76	1979–82	1983–87	–	1993–97	1998–02	2003–07
UK, England, Wessex	–	–	–	–	–	–	1988–92	–	–	–
UK, England, West Midlands	1960–62	1963–66	1968–72	1973–76	1979–82	1983–86	1988–92	1993–97	1998–02	2003–07
UK, England, Yorkshire	–	–	–	–	–	1983–87	1988–92	1993–97	–	–
UK, Northern Ireland	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
UK, Scotland	–	1963–66	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
UK, Scotland, Ayrshire	–	–	1970–72	–	–	–	–	–	–	–
UK, Scotland, East	–	–	–	1973–77	1978–82	1983–87	–	–	–	–
UK, Scotland, North	–	–	–	1973–77	1978–82	1983–87	–	–	–	–
UK, Scotland, North East	–	–	–	1973–77	1978–82	1983–87	–	–	–	–
UK, Scotland, South East	–	–	–	1973–77	1978–82	1983–87	–	–	–	–
UK, Scotland, West	–	–	–	1975–77	1978–82	1983–87	1988–92	–	–	–
UK, Wales	–	–	–	–	–	–	–	–	–	2003–07
Yugoslavia, Vojvodina	–	–	–	–	–	–	1988–92	1993–97	–	–

Table 1.3. (Contd) Geographical coverage (and specific time periods) in the 10 volumes of CI5

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX	Vol. X
Oceania										
Australia, Australian Capital Territory	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Australia, New South Wales	–	–	–	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Australia, Northern Territory:	–	–	–	–	–	–	–	1993–97	1998–02	2003–07
Indigenous	–	–	–	–	–	–	–	–	–	2003–07
Non-Indigenous	–	–	–	–	–	–	–	–	–	2003–07
Australia, Queensland	–	–	–	–	1982	–	–	1993–97	1998–02	2003–07
Australia, South Australia	–	–	–	1977	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Australia, Tasmania	–	–	–	–	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Australia, Victoria	–	–	–	–	1982	1983–87	1988–92	1993–97	1998–02	2003–07
Australia, Western Australia	–	–	–	–	1982	1983–87	1988–92	1993–97	1998–02	2003–07
France, French Polynesia	–	–	–	–	–	–	1988–92	–	1998–02	–
New Zealand:	1960–62	–	–	–	–	–	–	1993–97	1998–02	2003–07
Maori	–	1962–66	1968–71	1972–76	1978–82	1983–87	1988–92	–	–	2003–07
Non-Maori	–	1962–66	1968–71	1972–76	1978–82	1983–87	1988–92	–	–	–
Pacific Polynesian Islanders	–	–	–	–	1978–82	–	–	–	–	2003–07
Other	–	–	–	–	–	–	–	–	–	2003–07
USA, Hawaii:	1960–63	–	–	–	–	–	–	–	1998–02	2003–07
Chinese	–	1960–64	1968–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Filipino	–	1960–64	1968–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Hawaiian	1960–63	1960–64	1968–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
Japanese	1960–63	1960–64	1968–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07
White	1960–63	1960–64	1968–72	1973–77	1978–82	1983–87	1988–92	1993–97	1998–02	2003–07

Chapter 2: Registration techniques

David Forman, Charles Gombe Mbalawa, Betsy Kohler, and Rajaraman Swaminathan

A major function of the *Cancer Incidence in Five Continents* (CI5) series is to provide data to those interested in comparing the incidence rates of specific cancers in different populations and over time. But users of these data are advised to consider the factors that may lead to artefactual differences and thereby result in potentially misleading comparisons. The primary purpose of this chapter is to describe variations between the cancer registries included in CI5 Volume X – including variations in populations, the methods used to collect data on new cases, and the sources of data accessed.

All contributors were required to complete an online questionnaire to provide descriptive information about their registry. For each registry, information was collected about the nature and size of the geographical area covered, the reporting facilities and data sources, the procedures for case finding and data abstraction, the coding methods, the type of data collected on incident cases, and the methods of follow-up for vital status. The information provided by each registry included in this volume is tabulated in Tables 2.1–2.3 at the end of this chapter, and in the detailed registry descriptions that follow the introductory chapters.

REGISTRY BACKGROUND (TABLE 2.1)

Table 2.1 lists the registries that contributed to this volume (grouped by geographical area) and provides information about several variables that describe each registry's characteristics, population size, and some basic aspects of operation. The significance of each variable included in Table 2.1 is described here.

Population: The size of the total population at risk on which a rate estimate is based influences the accuracy of that estimate. Rate estimates based on small numbers of individuals are more susceptible to the effects of random variation than are estimates based on large populations. Detailed descriptions of each cancer registry are provided later in this volume, along with the age distribution of the estimated population(s) at risk and the specific sources of the population data. These are usually official sources such as census data, and projections based on information about birth, death, and migration rates. Estimates tend to be more accurate for years closer to a census, and estimates based on interpolations between censuses tend to be more accurate than are projections based only on the previous census. The estimated populations for each registry, listed in Table 2.1, are the estimated average total populations (rounded to the nearest 1000) covered during the reporting period (generally 2003–2007, although some registries provided data for a shorter time period).

Surface area (km^2)* and *Population in urban area (%): Cancer registries in more-developed countries (such as North American and European countries, Japan, Australia, and New Zealand) may cover very large geographical areas – entire provinces, states, or countries – while the covered populations in less-developed countries are often limited to urban centres. This is due to well-recognized problems with the diagnosis and enumeration of cancer cases in rural populations. Although the calculated incidence rate for an urban area may be a reasonable estimate of the true rate in that community, the rate may not be representative of the entire country in which the registry is located, since lifestyles in rural and urban populations may be very different.

Latitude: The incidence rates of some cancers vary with latitude. This variation may provide evidence of the role of ultraviolet radiation (sunlight) in the etiology of certain cancers; however, similar variations in the rates of other cancers remain unexplained. Information about latitude is provided in Table 2.1 for those interested in investigating this phenomenon further.

Year registry started* and *Year population-based data first available: Developing a highly complete and accurate cancer registry takes time, and data from recently established registries should therefore be interpreted with some caution. Rates may be underestimated due to incomplete registration. Alternatively, during the early years of data collection, prevalent cases (especially from death certificate diagnosis) may be erroneously included as new incident cases, resulting in the overestimation of incidence rates.

Cancer reportable (yes or no): Legislation or administrative orders making cancer a reportable disease and requiring the reporting of cancers to a registry do not guarantee completeness of reporting. Conversely, the absence of such reporting requirements does not necessarily prevent complete case finding. However, laws or rules requiring reporting generally do enhance registry operations, by ensuring access to (or reporting from) all facilities that diagnose or treat cancer.

Privacy regulations apply (yes or no): An increasing number of registries must operate under privacy regulations that govern the confidentiality of all patient-level data they handle. Such regulations may affect both the ease with which registries can collect data and their ability to share their data with the research community.

Non-residents treated inside registration area (%) **and** ***Estimated cases missed because of problems accessing data sources (%):*** When a registry catchment area has a well-reputed cancer care centre that provides treatment and diagnosis to the population, the number of non-residents treated in the area may be higher than usual. If these non-resident cancer cases are included in the cancer registry database, local rates may be overestimated. Conversely, if there is a cancer centre within reasonable travelling distance outside of a catchment area, that area's rates may be underestimated.

Screening programmes (and starting years, if available): The final five columns of Table 2.1 indicate the starting years of population-based screening programmes for breast, cervical, colorectal, prostate, and oral cancers within the registration areas. These dates are important to consider because the accelerated detection of prevalent cases can inflate incidence estimates, especially during the early years of screening programmes. The abbreviation "NA" (for "not applicable") indicates that a programme does not yet exist in the area.

CASE FINDING, ABSTRACTING, AND CODING (TABLE 2.2)

Table 2.2 lists the usual data sources (primarily diagnostic and clinical facilities) from which cases are identified by each participating cancer registry, and which therefore serve as the basis for the information that is abstracted and recorded by the registry. The most important of these sources are typically pathology laboratories, hospital records (from both public and private hospitals), and death certificates. Together, these sources can provide a reasonably high level of reporting. However, access to records from radiotherapy and oncology departments, hospital discharge records, imaging facilities, and haematology laboratories can also be important. Some registries also obtain information from hospices and palliative care services, outpatient departments, general practitioners, and health insurance companies.

Information from autopsy services is also used by some registries, but the inclusion of cases identified as incidental findings at autopsy may spuriously increase incidence rates. However, with autopsy becoming an increasingly infrequent routine procedure, this source of error is likely to be minor.

In general, the more sources used for case finding, the more complete and accurate the reporting; significant omissions may raise concerns that case finding is incomplete. For example, the absence of any information from radiotherapy facilities would likely be due to a lack of such facilities in the registration area, which might therefore suggest that some cases are missed because patients must go outside the registration area for care. On the other hand, the unavailability of some sources does not necessarily indicate underregistration; for example, the absence of private hospital information in a country with universal public health care may not affect registration. The use of multiple sources of case finding requires efficient record matching and de-duplication procedures to ensure that all records pertaining to the same case are brought together in a single registration, so that multiple recordings of the same cancers do not lead to the overestimation of incidence rates.

TYPES OF INFORMATION RECORDED (TABLE 2.3)

Table 2.3 indicates whether certain patient-level variables are recorded by each of the cancer registries included in CI5 Volume X, which may be of interest to researchers wishing to conduct studies in collaboration with the registries. For example, some registries record unique identifying (ID) numbers (such as national identity numbers, social security numbers, or national health insurance numbers), and this can be very useful for record-linkage studies. Some registries are required to use ID numbers as an alternative to storing patient names (or addresses) in their databases. The other patient-level variables included in Table 2.3 are ethnic group (or race/colour), stage of disease at diagnosis (for selected cancers), and nature of the initial clinical treatment received. The most basic patient-level variables (which are nearly always collected by high-quality population-based registries) are not included in Table 2.3 since they can be assumed to be recorded by all registries in this volume. These universally recorded variables include name, sex, date of birth (or age), permanent residential address, incidence date (usually the date of diagnosis, hospitalization, or first treatment), and primary site and histological type of the cancer diagnosed – preferably coded according to the *International Classification of Diseases for Oncology* (ICD-O) schema (see Chapters 3 and 4).

Table 2.3 also indicates whether there is systematic vital status follow-up of registered patients. This is essential for registries wishing to conduct survival analysis. Information is also provided about whether follow-up is carried out passively (by access to death certificates) and/or by active follow-up of live cases.

The last two columns of Table 2.3 indicate whether each registry follows any standard rules for recording incidence date – for example, the rule sets published by IARC/IACR (Parkin et al., 1994) – and whether each registry can reliably identify subsequent primary cancers diagnosed in an individual previously diagnosed with an initial primary. Some of these recorded variables can provide information relevant to the care of cancer patients and the outcome of disease but are not used in this publication. If required for a specific research study, the data must be obtained from the individual registries.

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Table 2.1. Background information on the registries included in CI5 Volume X

	Estimated population, 2003–2007*	Surface area (km²)	Population in urban area (%)	Latitude	Year registry started	Year population-based data first available	Cancer reportable	Privacy regulations apply	Non-residents treated inside registration area (%)	Estimated cases missed because of problems accessing data sources (%)	Screening programmes (and starting years, if available)				
											Breast	Cervix	Colorectum	Prostate	Oral cavity
Africa															
Algeria, Sétif	1 434 000	6 504	NA	40°N	1986	1986	Y	N	20	10	NA	NA	NA	NA	NA
Egypt, Gharbiah	3 947 000	1 943	30	31°N	1998	1999	Y	Y	10	1	NA	NA	NA	NA	NA
Libya, Benghazi	1 552 000	804 000	70	32°N	2002	2003	N	Y	15	NA	NA	NA	NA	NA	NA
Malawi, Blantyre	940 000	2 012	60	30°S	1989	1993	Y	N	10	10	2001	2000	NA	NA	NA
South Africa, PROMEC	1 076 000	14 312	NA	32°S	1984	1996	Y	Y	0	20	NA	2000	NA	NA	NA
Tunisia, North	4 851 000	28 162	70	36°N	1994	1994	N	Y	30	NA	NA	NA	NA	NA	NA
Uganda, Kyadondo County	1 867 000	1 914	71	0°N	1951	1960	N	NA	70	NA	NA	NA	NA	NA	NA
Zimbabwe, Harare: African	1 430 000	836	100	19°S	1985	1990	N	N	75	75	NA	NA	NA	NA	NA
Central and South America															
Argentina, Bahía Blanca	291 000	2 300	90	38°S	1989	1989	N	Y	15	6	NA	1970	NA	NA	NA
Argentina, Córdoba	1 322 000	576	100	31°S	2003	2003	Y	Y	0	15	NA	NA	NA	NA	NA
Argentina, Mendoza	1 637 000	148 827	79	32°S	2000	2003	Y	Y	5	5	1991	1991	NA	NA	NA
Argentina, Tierra del Fuego	115 000	21 571	97	54°S	2003	2003	Y	Y	NA	NA	NA	NA	NA	NA	NA
Brazil, Aracaju	492 000	182	100	10°S	1996	1996	N	Y	NA	NA	NA	NA	NA	NA	NA
Brazil, Belo Horizonte	2 336 000	331	100	19°S	2000	2000	N	Y	NA	NA	NA	NA	NA	NA	NA
Brazil, Cuiabá	768 000	4 482	98	15°S	1999	2000	N	Y	60	15	Y	Y	NA	NA	NA
Brazil, Fortaleza	2 335 000	315	100	7°S	1971	1983	N	N	30	NA	NA	NA	NA	NA	NA
Brazil, Goiânia	1 194 000	739	99	16°S	1986	1988	N	N	40	1	NA	NA	NA	NA	NA
Brazil, São Paulo	10 896 000	1 523	94	23°S	1969	1969	N	N	30	NA	NA	NA	NA	NA	NA
Chile, Region of Antofagasta	541 000	126 049	98	23°S	1998	1998	Y	Y	2	NA	1995	1987	NA	NA	NA
Chile, Bío Bío Province	377 000	14 988	69	37°S	2003	2003	N	Y	8	3	1995	1987	NA	NA	NA
Chile, Valdivia	372 000	18 472	68	39°S	1992	1993	Y	Y	0	NA	1995	1987	NA	NA	NA
Colombia, Bucaramanga	1 024 000	1 479	94	7°N	2000	2000	N	Y	50	NA	NA	NA	NA	NA	NA
Colombia, Cali	2 041 000	121	100	3°N	1962	1962	N	N	40	NA	NA	NA	NA	NA	NA
Colombia, Manizales	377 000	508	80	5°N	2001	2002	N	Y	40	0	NA	NA	NA	NA	NA
Colombia, Pasto	382 000	1 181	82	1°N	1998	1998	Y	Y	61	0	NA	NA	NA	NA	NA
Costa Rica	4 263 000	51 100	71	10°N	1977	1980	Y	Y	NA	NA	NA	NA	NA	NA	NA
Cuba, Villa Clara	813 000	8 069	NA	22°N	1995	1964	Y	NA	NA	NA	NA	NA	NA	NA	NA
Ecuador, Cuenca	455 000	120	73	2°S	1996	1996	N	Y	55	NA	NA	NA	NA	NA	NA

*Some registries provided data for a shorter time period.

Table 2.1. (Contd) Background information on the registries included in CI5 Volume X

	Estimated population, 2003–2007*	Surface area (km²)	Population in urban area (%)	Latitude	Year registry started	Year population-based data first available	Cancer reportable	Privacy regulations apply	Non-residents treated inside registration area (%)	Estimated cases missed because of problems accessing data sources (%)	Screening programmes (and starting years, if available)				
											Breast	Cervix	Colorectum	Prostate	Oral cavity
Ecuador, Quito	1 521 000	360	100	0°S	1984	1985	N	Y	52	0	NA	1996	NA	NA	NA
France, Martinique	397 000	1 080	98	14°N	1981	1983	N	Y	8	0	2003	1991	NA	NA	NA
Jamaica, Kingston and St Andrew	656 000	480	NA	18°N	1958	1958	N	NA	NA	NA	NA	NA	NA	NA	NA
USA, Puerto Rico	3 911 000	9 104	NA	18°N	1951	1951	Y	N	NA	NA	NA	NA	NA	NA	NA
Uruguay	3 315 000	176 215	94	32°S	1987	1987	Y	Y	0	9	NA	NA	NA	NA	NA
North America															
Canada	32 237 000	9 970 610	80	50°N	1969	1969	Y	Y	NA	0	NA	NA	NA	NA	NA
Canada, Alberta	3 336 000	661 688	80	52°N	1942	1951	Y	Y	7	NA	1990	2003	2007	NA	NA
Canada, British Columbia	4 206 000	892 677	85	50°N	1966	1969	Y	Y	2	11	1988	1960	NA	NA	NA
Canada, Manitoba	1 180 000	550 000	60	55°N	1937	1956	Y	Y	NA	NA	1995	2001	2007	NA	NA
Canada, New Brunswick	748 000	73 437	51	47°N	1955	1989	N	Y	NA	NA	1996	Y	NA	NA	NA
Canada, Newfoundland and Labrador	513 000	371 364	58	49°N	1955	1955	Y	NA	NA	2	Y	Y	NA	NA	NA
Canada, Northwest Territories	43 000	1 346 106	NA	64°N	1986	1992	Y	Y	0	NA	2004	Y	NA	NA	NA
Canada, Nova Scotia	938 000	55 491	60	45°N	1964	1964	Y	Y	5	0	1991	1992	NA	NA	NA
Canada, Ontario	12 524 000	1 070 000	85	44°N	1964	1964	N	Y	1	NA	NA	NA	NA	NA	NA
Canada, Prince Edward Island	138 000	5 684	45	47°N	1969	1969	Y	N	NA	NA	Y	Y	NA	NA	NA
Canada, Quebec	7 585 000	1 667 441	80	50°N	1961	1981	Y	Y	1	8	1998	Y	NA	NA	NA
Canada, Saskatchewan	996 000	591 670	65	51°N	1932	1944	Y	Y	0	0	1990	Y	NA	NA	NA
Canada, Yukon	32 000	474 711	60	61°N	1987	1987	Y	Y	0	36	1990	Y	NA	NA	NA
USA, NPCR	263 767 000	9 157 841	76	37°N	1995	1995	Y	N	NA	0	1991	1991	NA	NA	NA
USA, SEER-9	27 929 000	3 300 000	NA	NA°N	1973	1973	Y	N	NA	NA	NA	NA	NA	NA	NA
USA, Alabama	4 556 000	135 765	56	33°N	1996	1996	Y	Y	NA	0	1996	1996	NA	NA	NA
USA, Alaska	668 000	1 717 854	66	61°N	1996	1996	Y	Y	8	NA	1995	1995	NA	NA	NA
USA, Arizona	5 976 000	295 274	80	33°N	1980	1995	Y	N	5	5	1993	1993	NA	NA	NA
USA, Arkansas	2 780 000	137 732	56	35°N	1996	1996	Y	NA	NA	NA	Y	Y	NA	NA	NA
USA, California	35 762 000	155 973	85	34°N	1988	1988	Y	NA	NA	NA	Y	Y	NA	NA	NA
USA, California, Los Angeles County	9 777 000	10 518	95	34°N	1970	1972	Y	N	14	1	NA	NA	NA	NA	NA
USA, California, San Francisco Bay Area	4 162 000	6 427	97	38°N	1973	1973	Y	N	18	NA	NA	NA	NA	NA	NA
USA, Colorado	4 681 000	269 620	86	40°N	1968	1988	Y	N	2	NA	1991	1991	2006	NA	NA
USA, Connecticut	3 479 000	14 413	88	41°N	1935	1935	Y	Y	NA	NA	1995	1995	NA	NA	NA

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Table 2.1. (Contd) Background information on the registries included in CI5 Volume X

	Estimated population, 2003–2007*	Surface area (km²)	Population in urban area (%)	Latitude	Year registry started	Year population-based data first available	Cancer reportable	Privacy regulations apply	Non-residents treated inside registration area (%)	Estimated cases missed because of problems accessing data sources (%)	Screening programmes (and starting years, if available)				
											Breast	Cervix	Colorectum	Prostate	Oral cavity
USA, Delaware	840 000	5 047	83	39°N	1972	1980	Y	Y	12	NA	1997	1997	2002	2002	NA
USA, Florida	17 701 000	138 887	91	28°N	1981	1981	Y	Y	10	NA	NA	NA	NA	NA	NA
USA, Georgia	9 122 000	148 959	80	33°N	1995	1995	Y	N	NA	NA	1993	1960	NA	NA	NA
USA, Georgia, Atlanta	3 301 000	4 500	100	33°N	1975	1975	Y	N	NA	NA	1993	1960	NA	NA	NA
USA, Idaho	1 429 000	216 500	65	45°N	1969	1971	Y	Y	5	1	NA	NA	NA	NA	NA
USA, Illinois	12 683 000	143 986	87	40°N	1985	1986	Y	Y	NA	NA	NA	NA	NA	NA	NA
USA, Indiana	6 259 000	94 330	NA	40°N	1987	1987	Y	NA	NA	NA	NA	NA	NA	NA	NA
USA, Iowa	2 953 000	145 800	55	42°N	1973	1973	Y	N	9	NA	NA	NA	NA	NA	NA
USA, Kentucky	4 185 000	39 486	57	38°N	1991	1995	Y	Y	4	0	1990	1985	2001	NA	NA
USA, Louisiana	4 395 000	134 382	75	30°N	1988	1988	Y	Y	6	NA	NA	NA	NA	NA	NA
USA, Louisiana, New Orleans	843 000	7 217	99	30°N	1974	1974	Y	Y	6	NA	NA	NA	NA	NA	NA
USA, Maine	1 311 000	91 660	39	44°N	1981	1983	Y	Y	4	NA	1995	1995	NA	NA	NA
USA, Massachusetts	6 464 000	27 340	NA	42°N	1980	1982	Y	NA	NA	NA	Y	Y	NA	NA	NA
USA, Michigan	10 076 000	264 180	NA	45°N	1981	1985	Y	Y	4	NA	1996	1996	NA	NA	NA
USA, Michigan, Detroit	4 046 000	5 094	NA	42°N	1949	1973	Y	Y	2	0	1991	1991	NA	NA	NA
USA, Mississippi	2 889 000	121 531	45	32°N	1993	1996	Y	Y	NA	NA	NA	NA	NA	NA	NA
USA, Missouri	5 810 000	69 704	73	38°N	1972	1985	Y	Y	NA	4	1992	1992	NA	NA	NA
USA, Montana	936 000	381 160	NA	47°N	1979	1979	Y	Y	NA	NA	Y	Y	Y	NA	NA
USA, Nebraska	1 752 000	200 520	51	41°N	1987	1987	Y	Y	10	NA	1991	1991	2005	NA	NA
USA, New Hampshire	1 301 000	24 216	51	43°N	1986	1987	Y	N	20	2	1992	1992	NA	NA	NA
USA, New Jersey	8 615 000	7 836	94	40°N	1979	1979	Y	Y	3	NA	Y	Y	NA	NA	NA
USA, New Mexico	1 918 000	314 159	65	35°N	1966	1969	Y	Y	5	0	1992	1992	NA	NA	NA
USA, New York State	19 328 000	123 234	91	40°N	1940	1976	Y	Y	12	NA	1988	1994	1997	NA	NA
USA, North Carolina	8 710 000	139 581	53	35°N	1989	1990	Y	Y	4	NA	1993	1993	NA	NA	NA
USA, North Dakota	636 000	193 482	NA	47°N	1997	1997	Y	Y	8	NA	1997	Y	NA	NA	NA
USA, Ohio	11 480 000	116 105	NA	40°N	1991	1996	Y	Y	NA	NA	1994	1994	NA	NA	NA
USA, Oklahoma	3 546 000	177 850	NA	35°N	1995	1997	Y	Y	NA	NA	Y	Y	Y	NA	NA
USA, Oregon	3 630 000	251 180	81	44°N	1996	1996	Y	Y	0	0	NA	NA	NA	NA	NA
USA, Pennsylvania	12 432 000	119 283	73	40°N	1982	1985	Y	Y	10	NA	1994	1994	NA	NA	NA
USA, Rhode Island	1 065 000	3 140	91	41°N	1986	1986	Y	Y	11	1	NA	NA	NA	NA	NA
USA, South Carolina	4 274 000	80 650	66	34°N	1993	1996	Y	N	NA	0	1991	1991	NA	NA	NA

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Table 2.1. (Contd) Background information on the registries included in CI5 Volume X

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											Breast	Cervix	Colorectum	Prostate	Oral cavity
USA, South Dakota	781 000	199 905	52	43°N	2001	2001	Y	Y	NA	NA	1997	1997	NA	NA	NA
USA, Tennessee	6 006 000	109 150	65	35°N	1986	1986	Y	Y	4	3	1999	1999	NA	NA	NA
USA, Texas	22 896 000	678 055	88	31°N	1979	1995	Y	NA	10	4	1991	1991	NA	NA	NA
USA, Utah	2 513 000	219 888	89	41°N	1966	1966	Y	N	15	0	NA	NA	NA	NA	NA
USA, Vermont	619 000	23 960	24	44°N	1994	1996	Y	Y	NA	0	Y	Y	NA	NA	NA
USA, Virginia	7 555 000	110 786	75	37°N	1970	1990	Y	Y	0	NA	1996	1996	NA	NA	NA
USA, Washington State	6 279 000	184 675	NA	47°N	1991	1992	Y	NA	NA	NA	NA	NA	NA	NA	NA
USA, Washington, Seattle	4 295 000	17 696	NA	47°N	1974	1974	Y	Y	15	0	NA	NA	NA	NA	NA
USA, West Virginia	1 806 000	62 890	46	38°N	1993	1993	Y	Y	12	NA	1991	1991	NA	NA	NA
USA, Wisconsin	5 541 000	145 440	70	44°N	1976	1978	Y	Y	NA	3	1990	1990	NA	NA	NA
USA, Wyoming	509 000	253 325	20	43°N	1966	1977	Y	Y	0	NA	1997	1997	2007	NA	NA
Asia															
Bahrain: Bahraini	460 000	750	100	26°N	1994	1998	Y	Y	NA	5	2005	Y	NA	NA	NA
China, Beijing City	7 133 000	1 368	100	40°N	1976	1977	Y	Y	0	NA	NA	NA	NA	NA	NA
China, Cixian County	611 000	1 014	5	36°N	1973	1973	Y	N	18	0	NA	NA	NA	NA	NA
China, Haining County	644 000	681	34	30°N	1977	1977	Y	Y	NA	1	1977	1977	1977	1977	1977
China, Harbin City, Nangang District	991 000	182	93	44°N	1997	1997	Y	N	NA	NA	NA	NA	NA	NA	NA
China, Hong Kong	6 820 000	1 104	100	22°N	1963	1965	N	Y	2	0	NA	2004	NA	NA	NA
China, Jiashan County	380 000	506	0	30°N	1987	2000	Y	Y	NA	1	NA	NA	NA	NA	NA
China, Jiaxing City	500 000	425	62	30°N	1992	1992	Y	Y	65	1	NA	NA	NA	NA	NA
China, Macao	479 000	29	100	22°N	2003	2003	Y	N	2	NA	NA	1993	NA	NA	NA
China, Qidong County	1 133 000	1 208	20	31°N	1972	1972	Y	Y	2	1	NA	NA	NA	NA	NA
China, Shanghai City	6 178 000	289	100	31°N	1963	1972	Y	N	0	0	NA	NA	NA	NA	NA
China, Wuhan City	4 639 000	1 818	100	30°N	1980	1980	Y	Y	NA	0	NA	NA	NA	NA	NA
China, Yangcheng County	388 000	1 968	20	35°N	1974	1974	Y	Y	NA	NA	NA	NA	NA	NA	NA
China, Yanting County	601 000	1 647	11	31°N	1969	1969	Y	Y	15	90	NA	NA	NA	NA	NA
China, Zhongshan City	1 410 000	1 800	60	22°N	1970	1970	Y	N	40	0	NA	NA	NA	NA	NA
India, Bangalore	6 786 000	365	100	12°N	1981	1982	N	N	NA	NA	NA	NA	NA	NA	NA
India; Barshi, Paranda, and Bhum	522 000	3 713	NA	17°N	1987	1988	N	N	82	NA	NA	NA	NA	NA	NA
India, Bhopal	1 661 000	285	100	23°N	1986	1986	N	N	NA	NA	NA	NA	NA	NA	NA

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											Breast	Cervix	Colorectum	Prostate	Oral cavity
India, Chennai	4 487 000	170	100	13°N	1981	1982	N	Y	25	0	NA	NA	NA	NA	NA
India, Dindigul, Ambilikkai	2 023 000	6 267	30	10°N	2003	2003	N	Y	NA	0	NA	NA	NA	NA	NA
India, Karunagappally	422 000	192	NA	9°N	1990	1990	N	N	0	0	Y	Y	NA	NA	Y
India, Mizoram	972 000	21 087	51	23°N	2003	2003	N	N	1	NA	NA	NA	NA	NA	NA
India, Mumbai	12 995 000	438	100	18°N	1963	1964	N	N	60	NA	NA	NA	NA	NA	NA
India, New Delhi	15 509 000	891	93	28°N	1986	1986	N	N	NA	NA	NA	NA	NA	NA	NA
India, Poona	4 142 000	344	100	18°N	1972	1972	N	N	NA	NA	NA	NA	NA	NA	NA
India, Sikkim State	569 000	7 096	9	27°N	2003	2003	N	N	NA	NA	NA	NA	NA	NA	NA
India, Trivandrum	1 127 000	300	88	8°N	1994	1994	N	NA	NA	NA	NA	NA	NA	NA	NA
Iran (Islamic Republic of), Golestan Province	1 641 000	20 438	51	36°N	2004	2004	Y	Y	NA	5	NA	NA	NA	NA	NA
Israel	6 637 000	21 643	92	32°N	1960	1960	Y	N	3	5	1992	Y	2005	NA	NA
Japan, Aichi Prefecture	1 399 000	1 383	69	35°N	1962	1962	N	N	NA	NA	2005	2005	1992	NA	NA
Japan, Fukui Prefecture	821 000	4 189	90	36°N	1984	1984	N	N	NA	NA	Y	Y	Y	NA	NA
Japan, Hiroshima	1 142 000	905	NA	34°N	1957	1957	Y	N	NA	NA	1978	1973	1992	NA	NA
Japan, Miyagi Prefecture	2 358 000	7 286	58	38°N	1959	1959	N	N	NA	NA	2005	2005	1992	NA	NA
Japan, Nagasaki Prefecture	1 478 000	4 092	47	32°N	1958	1958	N	N	NA	NA	2005	1982	1992	NA	NA
Japan, Niigata Prefecture	2 429 000	12 583	89	37°N	1991	1991	Y	Y	NA	NA	2005	2005	1992	NA	NA
Japan, Osaka Prefecture	9 006 000	1 893	NA	34°N	1962	1963	N	N	NA	NA	NA	NA	NA	NA	NA
Japan, Saga Prefecture	866 000	2 440	68	33°N	1973	1984	N	N	NA	NA	2005	2005	1992	NA	NA
Republic of Korea	48 699 000	99 500	90	37°N	1980	1999	Y	Y	0	0	1999	1999	2004	NA	NA
Republic of Korea, Busan	3 653 000	764	95	34°N	1995	1996	Y	Y	0	0	1999	1999	2004	NA	NA
Republic of Korea, Daegu	2 514 000	884	60	35°N	1997	1997	Y	Y	0	0	1999	1999	2004	NA	NA
Republic of Korea, Daejeon	1 449 000	540	98	36°N	1998	1999	Y	Y	0	0	1999	1999	2004	NA	NA
Republic of Korea, Gwangju	1 404 000	501	95	36°N	1997	1997	Y	Y	NA	NA	1999	1999	2004	NA	NA
Republic of Korea, Incheon	2 599 000	1 029	97	37°N	1996	1997	Y	Y	10	NA	NA	NA	NA	NA	NA
Republic of Korea, Jejudo	557 000	1 848	82	34°N	2000	2000	Y	Y	0	0	1999	1999	2004	NA	NA
Republic of Korea, Seoul	10 179 000	605	100	37°N	1991	1991	Y	Y	0	0	1999	1999	2004	NA	NA
Republic of Korea, Ulsan	1 083 000	1 057	72	35°N	2001	2001	Y	Y	0	0	1999	1999	2004	NA	NA
Kuwait	2 875 000	17 818	100	29°N	1974	1974	Y	Y	0	1	Y	Y	NA	NA	NA
Malaysia, Penang	1 391 000	1 031	90	5°N	1994	1994	Y	N	28	15	Y	Y	Y	NA	NA

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											Breast	Cervix	Colorectum	Prostate	Oral cavity
Philippines, Manila	5 856 000	274	100	14°N	1959	1980	Y	Y	3	3	NA	NA	NA	NA	NA
Philippines, Rizal	6 527 000	1 343	75	14°N	1974	1977	Y	Y	3	3	NA	NA	NA	NA	NA
Qatar: Qatari	201 000	11 000	90	25°N	1998	2003	Y	N	NA	10	NA	NA	NA	NA	NA
Saudi Arabia, Riyadh: Saudi	3 824 000	412 000	76	24°N	1992	1994	Y	Y	0	0	NA	NA	NA	NA	NA
Singapore	3 471 000	683	NA	1°N	1950	1968	Y	Y	24	NA	2002	2004	NA	NA	NA
Thailand, Bangkok	6 426 000	1 565	100	13°N	1990	1990	Y	N	NA	NA	NA	NA	NA	NA	NA
Thailand, Chiang Mai	1 505 000	20 107	24	18°N	1978	1983	N	N	35	2	NA	NA	NA	NA	NA
Thailand, Chonburi	1 146 000	4 363	44	11°N	1998	1998	Y	N	1	NA	2007	2002	NA	NA	NA
Thailand, Khon Kaen	1 762 000	10 866	21	60°N	1985	1985	N	N	NA	NA	NA	NA	NA	NA	NA
Thailand, Lampang	787 000	12 534	30	17°N	1993	1995	N	NA	8	3	NA	NA	NA	NA	NA
Thailand, Songkhla	1 336 000	7 394	38	7°N	1988	1989	N	Y	NA	0	NA	NA	NA	NA	NA
Turkey, Antalya	1 611 000	20 723	85	36°N	1995	1995	Y	Y	19	NA	NA	NA	NA	NA	Y
Turkey, Edirne	384 000	6 276	66	26°N	2004	2004	Y	NA	NA	NA	NA	NA	NA	NA	NA
Turkey, İzmir	3 626 000	11 973	90	38°N	1992	1993	Y	Y	NA	4	NA	NA	NA	NA	NA
Turkey, Trabzon	730 000	4 685	58	41°N	2003	2003	Y	NA	NA	NA	NA	NA	NA	NA	NA
Europe															
Austria	8 216 000	83 879	NA	48°N	1958	1970	Y	Y	1	NA	NA	NA	NA	NA	NA
Austria, Tyrol	693 000	12 648	NA	46°N	1987	1988	Y	N	7	0	NA	NA	NA	NA	NA
Austria, Vorarlberg	361 000	2 601	30	47°N	1978	1981	Y	Y	0	0	1989	1970	1972	NA	NA
Belarus	9 782 000	207 600	72	54°N	1972	1978	Y	N	NA	NA	NA	NA	NA	NA	NA
Belgium	10 485 000	30 528	NA	50°N	1983	1996	Y	Y	1	NA	2001	Y	NA	NA	NA
Bulgaria	7 741 000	110 911	70	44°N	1952	1952	Y	Y	NA	5	NA	NA	NA	NA	NA
Croatia	4 440 000	56 542	NA	45°N	1959	1962	Y	Y	1	NA	2006	Y	2007	NA	NA
Cyprus	763 000	6 060	69	35°N	1998	1998	Y	Y	4	6	2003	Y	NA	NA	NA
Czech Republic	10 246 000	78 866	70	50°N	1976	1976	Y	Y	0	NA	2002	Y	2000	NA	NA
Denmark	5 420 000	43 080	87	55°N	1942	1943	Y	Y	0	0	1991	1967	NA	NA	NA
Estonia	1 347 000	45 227	67	58°N	1968	1968	Y	Y	NA	NA	2003	2006	NA	NA	NA
Finland	5 248 000	303 892	62	62°N	1952	1953	Y	N	1	0	1987	1966	2004	NA	NA
France, Bas-Rhin	1 075 000	4 758	NA	48°N	1974	1975	N	NA	15	0	1989	1994	NA	NA	NA
France, Calvados	666 000	5 548	65	49°N	1978	1978	N	Y	NA	NA	1996	Y	2004	NA	NA

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											Breast	Cervix	Colorectum	Prostate	Oral cavity
France, Doubs	514 000	5 234	67	47°N	1976	1977	N	Y	NA	NA	2003	1993	NA	NA	NA
France, Haut-Rhin	738 000	3 522	93	48°N	1988	1988	N	Y	NA	NA	2002	2001	2003	NA	NA
France, Hérault	990 000	6 101	81	43°N	1983	1987	N	Y	30	NA	1999	Y	2003	NA	NA
France, Isère	1 166 000	7 431	NA	45°N	1978	1979	N	NA	10	NA	1990	1990	1990	NA	NA
France, Loire-Atlantique	1 211 000	6 899	NA	47°N	1997	1998	N	NA	NA	NA	NA	NA	NA	NA	NA
France, Manche	489 000	5 938	48	49°N	1994	1994	N	NA	NA	NA	2004	Y	NA	NA	NA
France, Somme	559 000	6 170	NA	49°N	1982	1982	N	Y	NA	NA	1991	Y	2007	NA	NA
France, Tarn	363 000	5 758	68	44°N	1981	1982	N	Y	5	1	2003	Y	NA	NA	NA
France, Vendée	588 000	6 720	NA	46°N	1997	1997	N	NA	NA	NA	NA	NA	NA	NA	NA
Germany, Brandenburg	2 560 000	29 480	15	52°N	1953	1953	Y	Y	NA	NA	Y	Y	NA	NA	NA
Germany, Bremen	663 000	404	100	53°N	1998	1998	Y	Y	30	NA	2001	Y	NA	NA	NA
Germany, Free State of Saxony	4 284 000	18 416	51	52°N	1953	1953	Y	Y	NA	NA	2007	Y	NA	NA	NA
Germany, Hamburg	1 734 000	755	90	53°N	1926	1926	Y	Y	25	3	NA	NA	NA	NA	NA
Germany, Mecklenburg-Western Pomerania	1 713 000	23 180	28	52°N	1953	1953	Y	Y	NA	NA	2006	Y	NA	NA	NA
Germany, Munich	3 893 000	13 878	57	48°N	1978	1998	Y	Y	15	6	2003	Y	NA	NA	NA
Germany, North Rhine-Westphalia	2 621 000	6 907	50	51°N	1986	1986	Y	Y	NA	NA	2005	Y	NA	NA	NA
Germany, Saarland	1 052 000	2 567	NA	49°N	1967	1967	Y	Y	NA	NA	2007	Y	NA	NA	NA
Germany, Schleswig-Holstein	2 829 000	15 763	55	54°N	1997	1998	Y	Y	0	NA	2007	Y	NA	NA	NA
Iceland	299 000	103 000	68	64°N	1954	1955	Y	N	0	NA	1988	1964	NA	NA	NA
Ireland	4 146 000	70 280	61	53°N	1994	1994	N	Y	NA	NA	2000	2000	NA	NA	NA
Italy, Biella	188 000	914	45	45°N	1997	1997	NA	Y	5	1	1990	1990	2003	NA	NA
Italy, Brescia	1 068 000	3 460	NA	45°N	1993	1993	Y	N	15	6	1998	2004	2005	NA	NA
Italy, Catania and Messina	1 724 000	6 800	66	37°N	2003	2003	Y	Y	NA	1	2000	1999	NA	NA	NA
Italy, Catanzaro	234 000	1 650	NA	38°N	2003	2003	N	Y	0	0	2006	Y	Y	NA	NA
Italy, Como	559 000	1 290	90	45°N	1998	1999	N	Y	22	0	2004	Y	2006	NA	NA
Italy, Ferrara	352 000	2 632	20	44°N	1987	1991	N	N	NA	0	1997	1996	2005	NA	NA
Italy, Florence and Prato	1 195 000	3 879	45	44°N	1984	1985	Y	Y	19	1	1990	1998	2000	NA	NA
Italy, Friuli-Venezia Giulia	1 213 000	7 844	76	45°N	1995	1995	Y	Y	0	0	2006	1999	NA	NA	NA
Italy, Genoa	878 000	1 834	70	44°N	1984	1986	N	Y	20	0	2000	Y	NA	NA	NA
Italy, Latina	523 000	2 251	70	41°N	1983	1990	N	Y	NA	1	2003	2000	NA	NA	NA

*Some registries provided data for a shorter time period.

Table 2.1. (Contd) Background information on the registries included in CI5 Volume X

	Estimated population, 2003–2007*	Surface area (km²)	Population in urban area (%)	Latitude	Year registry started	Year population-based data first available	Cancer reportable	Privacy regulations apply	Non-residents treated inside registration area (%)	Estimated cases missed because of problems accessing data sources (%)	Screening programmes (and starting years, if available)				
											Breast	Cervix	Colorectum	Prostate	Oral cavity
Italy, Lecco	322 000	814	NA	45°N	2003	2003	N	Y	18	0	1999	Y	2003	NA	NA
Italy, Lombardy, South	717 000	3 747	NA	45°N	2003	2003	N	Y	30	0	2002	2000	2006	NA	NA
Italy, Mantua	386 000	2 339	NA	45°N	1999	1999	Y	Y	NA	0	2001	1987	2005	NA	NA
Italy, Milan	1 282 000	182	100	45°N	1999	1999	N	Y	50	NA	2000	Y	2005	NA	NA
Italy, Modena	665 000	2 690	NA	44°N	1988	1988	Y	Y	0	0	1995	1996	2005	NA	NA
Italy, Naples	555 000	499	90	40°N	1996	1997	Y	Y	NA	0	2000	1998	NA	NA	NA
Italy, Nuoro	247 000	7 044	90	38°N	2003	2003	N	Y	NA	1	NA	NA	NA	NA	NA
Italy, Palermo	1 240 000	4 992	55	38°N	2003	2003	N	Y	10	5	2004	Y	NA	NA	NA
Italy, Parma	417 000	3 449	48	45°N	1976	1978	Y	Y	NA	1	1997	1998	2005	NA	NA
Italy, Ragusa	305 000	1 614	90	36°N	1979	1981	N	N	10	NA	NA	NA	NA	NA	NA
Italy, Reggio Emilia	494 000	2 293	80	44°N	1996	1996	Y	N	NA	NA	1996	1996	2005	NA	NA
Italy, Romagna	1 154 000	5 303	47	44°N	1985	1986	NA	NA	20	1	1996	1996	2005	NA	NA
Italy, Salerno	1 091 000	4 922	60	40°N	1996	1996	NA	NA	NA	NA	NA	NA	NA	NA	NA
Italy, Sassari	465 000	7 520	51	41°N	1991	1992	N	Y	6	0	2006	2005	NA	NA	NA
Italy, Sondrio	179 000	3 212	30	46°N	1998	1998	N	Y	10	NA	2000	Y	2006	NA	NA
Italy, South Tyrol	480 000	7 400	61	46°N	1995	1995	Y	Y	0	0	2003	2001	NA	NA	NA
Italy, Syracuse	398 000	2 109	87	37°N	1997	1999	Y	Y	5	NA	2001	2001	NA	NA	NA
Italy, Trapani	433 000	4 260	70	38°N	2002	2002	Y	Y	0	0	NA	NA	NA	NA	NA
Italy, Trento	499 000	6 206	30	46°N	1995	1998	N	N	6	0	2001	1993	2007	NA	NA
Italy, Turin	903 000	130	100	45°N	1985	1985	N	Y	45	NA	1992	1992	1998	NA	NA
Italy, Umbria	866 000	8 456	35	43°N	1991	1994	Y	Y	20	0	1997	1999	2006	NA	NA
Italy, Varese	839 000	1 198	NA	45°N	1974	1976	N	Y	20	0	2003	Y	2006	NA	NA
Italy, Veneto	2 284 000	9 561	50	45°N	1987	1987	Y	Y	NA	NA	1998	1998	2002	NA	NA
Latvia	2 274 000	64 589	NA	55°N	1993	1993	Y	Y	NA	NA	NA	NA	NA	NA	NA
Lithuania	3 415 000	64 000	67	54°N	1975	1975	Y	Y	NA	NA	2005	2004	NA	2006	NA
Malta	404 000	316	NA	35°N	1985	1991	Y	Y	NA	NA	NA	NA	NA	NA	NA
The Netherlands	16 311 000	33 940	NA	52°N	1955	1989	N	NA	0	NA	NA	NA	NA	NA	NA
The Netherlands, Eindhoven	1 029 000	2 500	90	52°N	1955	1958	Y	Y	8	NA	1991	1996	NA	NA	NA
Norway	4 630 000	324 000	80	60°N	1952	1952	Y	Y	0	0	1995	1990	NA	NA	NA
Poland, Cracow	757 000	327	100	55°N	1965	1978	Y	Y	5	4	2006	2006	NA	NA	NA
Poland, Kielce	1 295 000	11 710	45	51°N	1988	1988	Y	Y	NA	NA	2006	2006	NA	NA	NA

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Table 2.1. (Contd) Background information on the registries included in CI5 Volume X

	Estimated population, 2003–2007*	Surface area (km²)	Population in urban area (%)	Latitude	Year registry started	Year population-based data first available	Cancer reportable	Privacy regulations apply	Non-residents treated inside registration area (%)	Estimated cases missed because of problems accessing data sources (%)	Screening programmes (and starting years, if available)				
											Breast	Cervix	Colorectum	Prostate	Oral cavity
Poland, Lower Silesia	2 887 000	19 947	70	51°N	1984	1984	Y	Y	NA	NA	2006	2006	NA	NA	NA
Poland, Podkarpackie	2 107 000	17 845	40	54°N	1963	1999	Y	Y	NA	0	2000	2005	2005	NA	NA
Portugal, Azores	242 000	2 346	75	38°N	1993	1997	N	N	0	3	NA	NA	NA	NA	NA
Russian Federation, Saint Petersburg	4 588 000	570	100	60°N	1953	1980	Y	Y	5	NA	1994	1994	NA	NA	NA
Serbia, Central	5 424 000	55 968	56	45°N	1996	1996	Y	Y	10	10	NA	NA	NA	NA	NA
Slovakia	5 388 000	49 035	57	48°N	1976	1976	Y	Y	0	NA	NA	NA	NA	NA	NA
Slovenia	2 005 000	20 273	50	46°N	1950	1950	Y	Y	0	NA	Y	2003	Y	NA	NA
Spain, Albacete	380 000	14 918	62	39°N	1990	1991	Y	Y	8	0	1991	Y	NA	NA	NA
Spain, Asturias	1 076 000	10 565	81	43°N	1978	1982	N	Y	0	3	2000	Y	NA	NA	NA
Spain, Basque Country	2 120 000	7 261	NA	43°N	1986	1986	Y	Y	3	NA	1995	Y	NA	NA	NA
Spain, Canary Islands	1 635 000	35 945	NA	28°N	1992	1993	N	Y	10	NA	1999	Y	NA	NA	NA
Spain, Ciudad Real	498 000	19 813	NA	38°N	2004	2004	N	Y	NA	1	1993	Y	NA	NA	NA
Spain, Cuenca	207 000	17 140	60	40°N	1993	1993	Y	Y	0	2	1992	Y	NA	NA	NA
Spain, Girona	648 000	5 910	57	41°N	1977	1994	Y	Y	0	0	1999	Y	NA	NA	NA
Spain, Granada	863 000	12 635	60	37°N	1985	1985	N	Y	10	3	1997	Y	NA	NA	NA
Spain, La Rioja	299 000	5 034	83	42°N	1993	1993	Y	Y	4	NA	1993	Y	NA	NA	NA
Spain, Mallorca	775 000	3 640	83	39°N	1988	1988	N	Y	NA	NA	1997	Y	NA	NA	NA
Spain, Murcia	1 348 000	11 317	93	37°N	1981	1982	Y	Y	1	1	1995	Y	NA	NA	NA
Spain, Navarra	593 000	10 491	50	50°N	1970	1973	N	Y	NA	1	1990	Y	NA	NA	NA
Spain, Tarragona	694 000	6 283	66	41°N	1979	1980	N	Y	1	3	1998	Y	NA	NA	NA
Sweden	9 042 000	449 964	NA	59°N	1958	1958	Y	Y	0	0	1990	1975	NA	NA	NA
Switzerland, Basel	438 000	465	85	47°N	1969	1970	N	Y	32	NA	NA	NA	NA	NA	NA
Switzerland, Geneva	429 000	282	NA	46°N	1970	1970	N	Y	17	0	1999	Y	NA	NA	NA
Switzerland, Graubünden and Glarus	226 000	7 700	30	46°N	1989	1989	N	N	5	1	NA	NA	NA	NA	NA
Switzerland, Neuchâtel	168 000	796	41	47°N	1972	1974	N	N	NA	NA	2007	Y	NA	NA	NA
Switzerland, St Gall-Appenzell	528 000	2 430	60	47°N	1968	1980	N	NA	15	0	NA	NA	NA	NA	NA
Switzerland, Ticino	323 000	2 812	NA	46°N	1995	1996	Y	Y	10	0	NA	NA	NA	NA	NA
Switzerland, Valais	290 000	5 225	30	46°N	1988	1989	N	N	NA	1	1999	Y	NA	NA	NA
Switzerland, Vaud	651 000	3 211	75	47°N	1972	1974	N	N	NA	NA	1999	Y	NA	NA	NA
Switzerland, Zurich	1 268 000	1 729	95	47°N	1980	1980	N	NA	NA	0	NA	NA	NA	NA	NA
Ukraine	47 109 000	603 000	67	50°N	1989	1989	Y	Y	5	1	NA	NA	NA	NA	NA

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Table 2.1. (Contd) Background information on the registries included in CI5 Volume X

	Estimated population, 2003–2007*	Surface area (km²)	Population in urban area (%)	Latitude	Year registry started	Year population-based data first available	Cancer reportable	Privacy regulations apply	Non-residents treated inside registration area (%)	Estimated cases missed because of problems accessing data sources (%)	Screening programmes (and starting years, if available)				
											Breast	Cervix	Colorectum	Prostate	Oral cavity
UK, England	50 462 000	150 400	80	53°N	1945	1962	Y	Y	NA	NA	1988	1964	NA	NA	NA
UK, England, East of England Region	5 300 000	19 850	79	51°N	1960	1960	N	Y	9	NA	1987	1987	NA	NA	NA
UK, England, North Western	6 547 000	4 500	NA	54°N	1962	1962	N	NA	NA	NA	NA	NA	NA	NA	NA
UK, England, Northern and Yorkshire	6 688 000	30 000	NA	54°N	1965	1976	Y	Y	1	1	1988	1988	2007	NA	NA
UK, England, Oxford Region	2 799 000	8 200	NA	52°N	1952	1952	Y	NA	8	NA	1988	1988	Y	NA	NA
UK, England, South and Western Regions	6 903 000	28 500	NA	50°N	1945	1971	N	N	NA	NA	1988	1988	NA	NA	NA
UK, England, Thames	11 703 000	10 754	92	51°N	1958	1960	N	Y	7	NA	1988	1964	NA	NA	NA
UK, England, Trent	4 959 000	14 763	75	53°N	1955	1971	N	Y	NA	NA	1988	1988	2006	NA	NA
UK, England, West Midlands	5 344 000	13 004	85	53°N	1936	1957	Y	Y	5	NA	1998	1998	2006	NA	NA
UK, Northern Ireland	1 728 000	14 139	65	54°N	1993	1993	N	N	0	NA	1990	1985	NA	NA	NA
UK, Scotland	5 098 000	77 925	70	56°N	1936	1958	N	Y	0	2	1988	1988	2007	NA	NA
UK, Wales	2 959 000	21 588	NA	52°N	1974	1974	Y	NA	NA	NA	1989	Y	NA	NA	NA
Oceania															
Australia, Australian Capital Territory	331 000	2 400	100	35°S	1982	1994	Y	Y	NA	0	1991	1991	Y	NA	NA
Australia, New South Wales	6 771 000	801 400	63	38°S	1971	1972	Y	Y	NA	NA	1991	1991	NA	NA	NA
Australia, Northern Territory	206 000	1 346 200	50	13°S	1981	1991	Y	NA	NA	NA	Y	Y	NA	NA	NA
Australia, Queensland	3 998 000	1 730 648	58	26°S	1982	1982	Y	Y	NA	NA	1991	1991	2006	NA	NA
Australia, South Australia	1 556 000	984 375	75	30°S	1977	1977	Y	Y	NA	NA	1989	Y	NA	NA	NA
Australia, Tasmania	483 000	68 114	NA	42°S	1978	1978	Y	NA	1	NA	1993	1994	2006	NA	NA
Australia, Victoria	5 057 000	227 420	73	37°S	1940	1982	Y	Y	NA	0	1992	1991	NA	NA	NA
Australia, Western Australia	2 024 000	2 525 500	77	32°S	1981	1982	Y	N	2	3	1989	1992	NA	NA	NA
New Zealand	4 118 000	270 534	86	39°S	1948	1972	Y	Y	NA	0	1999	1990	NA	NA	NA
USA, Hawaii	1 262 000	28 311	91	18°N	1960	1960	Y	Y	NA	0	2000	2000	2000	2000	NA

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Table 2.2. Data sources of the registries included in CI5 Volume X

	Pathology laboratories	Public hospital inpatient records	Private hospital inpatient records	Death certificates	Radiotherapy departments	Oncology departments	Public hospital discharge records	Private hospital discharge records	Imaging facilities	Haematology laboratories	Hospice/ palliative care records	Public hospital outpatient records	Private hospital outpatient records	General practitioner records	Health insurance records	Autopsy services
Africa																
Algeria, Sétif	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y
Egypt, Gharbiah	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y	N
Libya, Benghazi	Y	Y	Y	Y	Y	Y	N	N	N	Y	N	Y	Y	N	N	N
Malawi, Blantyre	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	N	Y
South Africa, PROMEC	Y	Y	N	N	Y	Y	Y	N	N	Y	N	Y	N	N	N	N
Tunisia, North	Y	Y	N	N	N	Y	Y	N	N	Y	Y	Y	Y	N	Y	Y
Uganda, Kyadondo County	Y	Y	Y	N	Y	N	N	N	N	N	Y	Y	N	N	N	Y
Zimbabwe, Harare: African	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	Y	N	N	N	Y
Central and South America																
Argentina, Bahía Blanca	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	Y	N
Argentina, Córdoba	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N
Argentina, Mendoza	Y	Y	N	Y	Y	N	Y	N	N	Y	N	Y	Y	N	Y	Y
Argentina, Tierra del Fuego	Y	Y	Y	N	N	Y	N	N	Y	Y	Y	Y	N	N	N	N
Brazil, Aracaju	Y	Y	Y	Y	Y	Y	N	N	N	Y	N	Y	Y	N	N	N
Brazil, Belo Horizonte	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N
Brazil, Cuiabá	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y
Brazil, Fortaleza	Y	Y	Y	Y	Y	N	N	N	N	Y	N	Y	Y	N	N	Y
Brazil, Goiânia	Y	Y	Y	Y	Y	Y	N	Y	N	Y	N	Y	Y	N	N	N
Brazil, São Paulo	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Chile, Region of Antofagasta	Y	N	N	Y	N	N	N	N	Y	Y	Y	Y	Y	N	N	N
Chile, Bío Bío Province	Y	Y	Y	Y	Y	N	Y	N	N	Y	Y	Y	Y	N	N	N
Chile, Valdivia	Y	Y	Y	Y	Y	N	Y	Y	N	Y	Y	Y	Y	N	N	Y
Colombia, Bucaramanga	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	N	N
Colombia, Cali	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N
Colombia, Manizales	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N
Colombia, Pasto	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
Costa Rica	Y	N	Y	Y	N	N	N	N	Y	Y	N	Y	Y	N	N	Y
Cuba, Villa Clara	Y	Y	N	Y	N	N	Y	N	N	Y	N	Y	N	N	N	Y
Ecuador, Cuenca	Y	Y	Y	Y	N	N	Y	Y	N	Y	N	Y	Y	Y	N	N
Ecuador, Quito	Y	N	N	Y	N	N	N	N	N	Y	N	Y	Y	N	N	N
France, Martinique	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	Y	N

Table 2.2. (Contd) Data sources of the registries included in CI5 Volume X

	Pathology laboratories	Public hospital inpatient records	Private hospital inpatient records	Death certificates	Radiotherapy departments	Oncology departments	Public hospital discharge records	Private hospital discharge records	Imaging facilities	Haematology laboratories	Hospice/ palliative care records	Public hospital outpatient records	Private hospital outpatient records	General practitioner records	Health insurance records	Autopsy services
Jamaica, Kingston and St Andrew	Y	Y	Y	N	Y	Y	N	N	N	Y	N	N	N	Y	N	Y
USA, Puerto Rico	Y	N	N	Y	N	N	N	N	N	N	Y	N	N	N	Y	Y
Uruguay	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	N
North America																
Canada	Y	Y	N	Y	N	Y	Y	N	Y	Y	N	Y	N	Y	N	Y
Canada, Alberta	Y	Y	N	Y	Y	Y	N	N	N	Y	N	Y	N	Y	Y	Y
Canada, British Columbia	Y	Y	N	Y	Y	Y	N	N	N	Y	N	Y	N	N	N	Y
Canada, Manitoba	Y	Y	N	Y	Y	Y	Y	N	Y	Y	N	N	N	N	N	Y
Canada, New Brunswick	Y	Y	N	Y	Y	Y	Y	N	Y	Y	N	N	N	N	N	Y
Canada, Newfoundland and Labrador	Y	Y	N	Y	Y	Y	Y	N	Y	Y	N	Y	N	N	N	N
Canada, Northwest Territories	Y	Y	N	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	N	N
Canada, Nova Scotia	Y	Y	N	Y	Y	Y	Y	N	N	Y	N	Y	N	N	N	Y
Canada, Ontario	Y	N	N	Y	Y	Y	Y	N	N	N	N	Y	N	N	Y	Y
Canada, Prince Edward Island	Y	Y	N	Y	Y	Y	Y	N	N	Y	N	Y	N	N	N	Y
Canada, Quebec	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N
Canada, Saskatchewan	Y	Y	N	Y	Y	N	Y	N	Y	Y	Y	Y	N	Y	Y	Y
Canada, Yukon	Y	Y	N	Y	Y	Y	N	N	N	Y	N	Y	N	N	N	N
USA, NPCR	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
USA, SEER	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y
USA, Alabama	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	Y
USA, Alaska	Y	Y	N	Y	N	Y	N	N	N	N	N	Y	N	Y	N	N
USA, Arizona	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N
USA, Arkansas	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N
USA, California	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
USA, California, Los Angeles County	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	Y
USA, California, San Francisco Bay Area	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
USA, Colorado	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	Y
USA, Connecticut	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y
USA, Delaware	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	Y
USA, Florida	Y	Y	Y	Y	Y	N	Y	N	N	N	N	Y	Y	Y	N	N
USA, Georgia	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y
USA, Georgia, Atlanta	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y

Table 2.2. (Contd) Data sources of the registries included in CI5 Volume X

	Pathology laboratories	Public hospital inpatient records	Private hospital inpatient records	Death certificates	Radiotherapy departments	Oncology departments	Public hospital discharge records	Private hospital discharge records	Imaging facilities	Haematology laboratories	Hospice/ palliative care records	Public hospital outpatient records	Private hospital outpatient records	General practitioner records	Health insurance records	Autopsy services
USA, Idaho	Y	Y	Y	Y	Y	Y	N	N	Y	N	N	Y	Y	N	N	N
USA, Illinois	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	N	N
USA, Indiana	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	N	N	N	Y
USA, Iowa	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	Y
USA, Kentucky	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	Y
USA, Louisiana	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	Y
USA, Louisiana, New Orleans	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	Y
USA, Maine	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	Y
USA, Massachusetts	Y	Y	Y	Y	Y	Y	N	N	N	Y	N	Y	Y	N	N	N
USA, Michigan	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y
USA, Michigan, Detroit	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N
USA, Mississippi	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	Y	Y	Y	N	Y
USA, Missouri	Y	Y	Y	Y	N	N	Y	Y	Y	N	N	Y	Y	N	N	N
USA, Montana	Y	N	Y	N	Y	Y	N	N	N	Y	N	N	Y	N	N	N
USA, Nebraska	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	Y	Y	N	N	Y
USA, New Hampshire	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	Y	Y	Y	N	Y
USA, New Jersey	Y	Y	Y	Y	Y	N	N	N	N	Y	N	Y	Y	Y	N	Y
USA, New Mexico	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	Y
USA, New York State	Y	Y	Y	Y	Y	N	N	N	N	Y	N	Y	Y	N	N	Y
USA, North Carolina	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N
USA, North Dakota	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y	Y	N	Y
USA, Ohio	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	N	Y
USA, Oklahoma	Y	Y	Y	Y	Y	Y	N	N	Y	N	N	Y	Y	Y	N	N
USA, Oregon	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	Y
USA, Pennsylvania	Y	N	Y	Y	Y	Y	N	Y	N	N	Y	N	Y	N	N	N
USA, Rhode Island	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	Y	Y	N	N	N
USA, South Carolina	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	Y
USA, South Dakota	Y	Y	N	Y	Y	N	N	N	Y	N	Y	N	N	Y	N	N
USA, Tennessee	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y	N	N	N
USA, Texas	Y	Y	Y	Y	Y	Y	N	N	N	Y	N	Y	Y	N	N	N
USA, Utah	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y	Y	Y	N	Y
USA, Vermont	Y	N	Y	Y	Y	Y	N	N	Y	Y	N	N	Y	N	N	Y
USA, Virginia	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	Y

Table 2.2. (Contd) Data sources of the registries included in CI5 Volume X

	Pathology laboratories	Public hospital inpatient records	Private hospital inpatient records	Death certificates	Radiotherapy departments	Oncology departments	Public hospital discharge records	Private hospital discharge records	Imaging facilities	Haematology laboratories	Hospice/ palliative care records	Public hospital outpatient records	Private hospital outpatient records	General practitioner records	Health insurance records	Autopsy services
USA, Washington State	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
USA, Washington, Seattle	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	N	N	Y
USA, West Virginia	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	Y	Y	Y	N	N
USA, Wisconsin	Y	Y	Y	N	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N
USA, Wyoming	Y	Y	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N	N
Asia																
Bahrain: Bahraini	Y	Y	N	Y	Y	N	Y	N	N	Y	N	N	N	N	N	N
China, Beijing City	N	N	N	Y	N	N	Y	Y	N	N	N	N	N	N	N	N
China, Cixian County	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N
China, Haining County	Y	Y	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	Y	N
China, Harbin City, Nangang District	N	Y	Y	Y	N	N	N	N	N	N	N	Y	Y	N	N	N
China, Hong Kong	Y	Y	N	Y	Y	Y	Y	N	Y	Y	N	Y	Y	N	N	Y
China, Jiashan County	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N
China, Jiaxing City	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N
China, Macao	Y	Y	N	Y	N	N	Y	Y	N	N	N	Y	N	Y	N	N
China, Qidong County	Y	Y	N	Y	N	Y	N	N	N	Y	N	Y	N	N	N	N
China, Shanghai City	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
China, Wuhan City	Y	Y	N	Y	Y	Y	N	N	Y	Y	N	Y	N	Y	N	N
China, Yangcheng County	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
China, Yanting County	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	N	Y
China, Zhongshan City	Y	Y	N	Y	Y	Y	Y	N	Y	Y	N	Y	N	N	Y	Y
India, Bangalore	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
India; Barshi, Paranda, and Bhum	Y	Y	Y	N	Y	Y	N	N	Y	Y	Y	Y	Y	N	N	N
India, Bhopal	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
India, Chennai	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	N
India, Dindigul, Ambilikkai	Y	Y	Y	Y	Y	Y	N	Y	Y	N	Y	N	N	N	N	N
India, Karunagappally	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
India, Mizoram	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N
India, Mumbai	Y	Y	Y	Y	Y	N	Y	Y	N	Y	N	N	N	N	N	Y
India, New Delhi	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N
India, Poona	N	Y	Y	Y	Y	N	Y	Y	N	N	Y	N	N	N	N	N
India, Sikkim State	Y	Y	Y	Y	Y	N	N	N	Y	Y	N	Y	N	N	N	N

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India, Trivandrum	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N
Iran (Islamic Republic of), Golestan Province	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	N	N
Israel	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	N	N	N	N	Y
Japan, Aichi Prefecture	N	Y	Y	N	N	N	N	N	N	N	Y	Y	Y	N	N	N
Japan, Fukui Prefecture	N	Y	Y	Y	N	N	N	N	N	N	N	Y	Y	N	N	N
Japan, Hiroshima	Y	Y	Y	N	N	N	N	N	N	Y	N	Y	Y	Y	N	Y
Japan, Miyagi Prefecture	N	Y	Y	N	Y	N	N	N	N	N	N	Y	Y	N	N	N
Japan, Nagasaki Prefecture	Y	Y	Y	Y	Y	N	Y	Y	N	Y	N	Y	Y	N	N	Y
Japan, Niigata Prefecture	N	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	N	N
Japan, Osaka Prefecture	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	Y
Japan, Saga Prefecture	N	Y	Y	N	N	N	Y	N	N	N	N	Y	Y	N	N	N
Republic of Korea	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N
Republic of Korea, Busan	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N
Republic of Korea, Daegu	Y	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y
Republic of Korea, Daejeon	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N
Republic of Korea, Gwangju	Y	N	N	Y	Y	N	N	N	Y	N	N	N	N	N	Y	N
Republic of Korea, Incheon	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N
Republic of Korea, Jejudo	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N
Republic of Korea, Seoul	N	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N
Republic of Korea, Ulsan	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N
Kuwait	Y	Y	Y	Y	Y	Y	N	N	N	Y	N	Y	N	N	N	Y
Malaysia, Penang	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	Y	Y	N	Y
Philippines, Manila	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	Y	N	N	Y
Philippines, Rizal	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	Y
Qatar: Qatari	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N
Saudi Arabia, Riyadh: Saudi	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N
Singapore	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	Y	Y	N	N	N
Thailand, Bangkok	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Thailand, Chiang Mai	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	Y
Thailand, Chonburi	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N
Thailand, Khon Kaen	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	Y
Thailand, Lampang	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	Y

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Thailand, Songkhla	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	N
Turkey, Antalya	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	Y
Turkey, Edirne	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N
Turkey, İzmir	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	N	N	N
Turkey, Trabzon	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N
Europe																
Austria	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	N
Austria, Tyrol	Y	Y	Y	Y	Y	N	Y	N	N	Y	Y	Y	Y	N	N	Y
Austria, Vorarlberg	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	Y	Y	N	N	Y
Belarus	Y	Y	Y	Y	N	Y	N	N	N	Y	Y	Y	Y	N	N	Y
Belgium	Y	Y	Y	N	Y	Y	N	N	N	Y	N	Y	Y	N	Y	Y
Bulgaria	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y
Croatia	Y	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N
Cyprus	Y	Y	Y	Y	Y	N	Y	Y	N	Y	N	N	N	N	N	N
Czech Republic	Y	N	Y	Y	Y	Y	N	N	Y	Y	N	Y	Y	N	N	Y
Denmark	Y	Y	Y	Y	N	Y	Y	Y	N	Y	N	Y	Y	Y	N	Y
Estonia	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	Y	Y	N	Y
Finland	Y	Y	Y	Y	Y	Y	N	N	N	Y	N	Y	Y	N	N	Y
France, Bas-Rhin	Y	Y	Y	Y	Y	N	Y	Y	N	Y	N	Y	Y	Y	N	Y
France, Calvados	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y	N
France, Doubs	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y	N	Y	N
France, Haut-Rhin	Y	Y	N	N	Y	Y	Y	Y	N	Y	N	Y	Y	Y	N	N
France, Hérault	Y	Y	Y	N	Y	N	Y	N	N	Y	Y	Y	Y	N	Y	N
France, Isère	Y	Y	Y	N	Y	N	Y	N	N	Y	N	Y	Y	Y	Y	N
France, Loire-Atlantique	Y	Y	Y	N	Y	N	N	N	N	Y	N	N	N	Y	Y	N
France, Manche	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	N
France, Somme	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y	N
France, Tarn	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y	N
France, Vendée	Y	Y	Y	N	Y	N	N	N	N	Y	N	N	N	Y	Y	N
Germany, Brandenburg	N	Y	Y	N	Y	Y	Y	Y	N	N	N	Y	Y	Y	N	N
Germany, Bremen	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N
Germany, Free State of Saxony	N	Y	Y	N	Y	Y	Y	Y	N	N	N	Y	Y	Y	N	N

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Germany, Hamburg	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	N	Y
Germany, Mecklenburg-Western Pomerania	N	Y	Y	N	Y	Y	Y	Y	N	N	N	Y	Y	Y	N	N
Germany, Munich	Y	Y	Y	N	Y	N	N	N	N	Y	Y	N	N	N	N	N
Germany, North Rhine-Westphalia	Y	Y	Y	N	Y	N	N	N	N	Y	N	Y	Y	N	N	N
Germany, Saarland	Y	Y	Y	Y	Y	Y	N	N	N	Y	N	Y	Y	Y	N	Y
Germany, Schleswig-Holstein	Y	Y	Y	Y	Y	N	N	N	Y	Y	N	Y	Y	Y	N	Y
Iceland	Y	N	N	Y	N	N	Y	N	N	Y	N	N	N	N	N	N
Ireland	Y	Y	Y	Y	Y	N	Y	N	N	Y	Y	Y	Y	N	N	Y
Italy, Biella	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
Italy, Brescia	Y	N	N	Y	Y	N	Y	N	N	Y	N	Y	Y	N	N	N
Italy, Catania and Messina	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Italy, Catanzaro	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y
Italy, Como	Y	Y	Y	Y	N	N	Y	Y	N	N	N	Y	Y	N	N	Y
Italy, Ferrara	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	Y	Y	Y	N	Y
Italy, Florence and Prato	Y	Y	Y	Y	N	Y	Y	Y	N	Y	N	Y	Y	N	N	Y
Italy, Friuli-Venezia Giulia	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	N	Y	Y
Italy, Genoa	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N	Y
Italy, Latina	Y	N	N	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	N	N
Italy, Lecco	Y	Y	N	Y	N	N	Y	Y	N	N	Y	Y	N	N	N	Y
Italy, Lombardy, South	Y	Y	N	Y	N	N	Y	Y	N	N	Y	Y	N	N	N	Y
Italy, Mantua	Y	N	N	Y	N	Y	Y	Y	N	Y	N	N	N	N	N	Y
Italy, Milan	Y	Y	Y	Y	N	N	Y	Y	N	Y	N	Y	Y	N	N	Y
Italy, Modena	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	N	N	Y	N	Y
Italy, Naples	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y	Y	N	N
Italy, Nuoro	Y	Y	Y	N	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	Y
Italy, Palermo	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N	N
Italy, Parma	Y	Y	Y	Y	Y	N	Y	Y	N	Y	N	Y	Y	N	N	Y
Italy, Ragusa	Y	Y	Y	Y	Y	N	Y	Y	N	Y	Y	Y	N	N	Y	N
Italy, Reggio Emilia	Y	Y	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y
Italy, Romagna	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	Y
Italy, Salerno	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	Y	Y	Y	N	Y
Italy, Sassari	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	Y

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Italy, Sondrio	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	Y	Y	N	N	Y
Italy, South Tyrol	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	Y
Italy, Syracuse	Y	Y	Y	Y	N	N	Y	Y	Y	Y	N	N	N	Y	N	N
Italy, Trapani	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	Y	N	N	N	N
Italy, Trento	Y	Y	Y	N	Y	Y	N	N	N	N	N	N	N	N	N	N
Italy, Turin	Y	N	N	N	Y	N	Y	Y	N	Y	Y	N	N	N	N	Y
Italy, Umbria	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y	Y	N	N	Y
Italy, Varese	Y	Y	N	Y	N	N	Y	Y	N	N	N	Y	N	N	N	Y
Italy, Veneto	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	Y
Latvia	N	Y	Y	Y	Y	N	N	N	N	Y	N	Y	Y	Y	N	Y
Lithuania	Y	Y	N	Y	N	N	Y	N	N	Y	N	Y	N	N	N	Y
Malta	Y	Y	Y	Y	Y	N	N	N	Y	Y	N	Y	Y	N	N	Y
The Netherlands	Y	Y	Y	N	Y	N	Y	N	N	Y	N	Y	Y	N	N	Y
The Netherlands, Eindhoven	Y	Y	Y	N	Y	Y	Y	N	N	Y	N	Y	Y	N	N	Y
Norway	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	Y	Y	Y	N	Y
Poland, Cracow	Y	Y	Y	N	Y	N	N	N	N	Y	N	Y	Y	N	N	Y
Poland, Kielce	Y	Y	N	Y	Y	Y	Y	N	N	Y	N	Y	Y	N	N	Y
Poland, Lower Silesia	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	N	Y	N
Poland, Podkarpackie	N	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y
Portugal, Azores	Y	Y	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	N
Russian Federation, Saint Petersburg	Y	Y	Y	Y	Y	N	N	N	N	Y	N	Y	Y	N	N	Y
Serbia, Central	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	Y	Y	Y	Y	Y
Slovakia	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N	N	Y
Slovenia	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	Y	N	Y
Spain, Albacete	Y	Y	Y	Y	N	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y
Spain, Asturias	Y	N	N	Y	N	N	Y	N	N	Y	N	N	N	N	N	Y
Spain, Basque Country	Y	N	Y	N	Y	N	Y	N	N	Y	Y	Y	Y	N	N	Y
Spain, Canary Islands	Y	N	N	Y	Y	N	N	N	N	Y	N	Y	Y	N	N	Y
Spain, Ciudad Real	Y	N	N	N	N	N	N	N	N	Y	N	Y	Y	N	N	N
Spain, Cuenca	Y	Y	N	Y	N	N	Y	N	N	Y	N	Y	Y	N	N	Y
Spain, Girona	Y	Y	Y	Y	Y	N	Y	Y	N	Y	N	Y	Y	N	Y	Y
Spain, Granada	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	Y

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Spain, La Rioja	Y	N	N	Y	Y	N	Y	N	N	Y	N	Y	N	N	N	Y
Spain, Mallorca	Y	Y	Y	N	N	Y	Y	N	N	Y	N	Y	Y	Y	N	Y
Spain, Murcia	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	Y	N	N	N	Y
Spain, Navarra	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	Y	Y	N	N	Y
Spain, Tarragona	Y	Y	Y	Y	Y	N	Y	Y	N	Y	Y	N	N	Y	N	Y
Sweden	Y	Y	Y	N	N	N	N	N	N	N	N	Y	Y	Y	N	N
Switzerland, Basel	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	Y	Y	Y	N	Y
Switzerland, Geneva	Y	Y	N	Y	Y	Y	Y	N	N	Y	N	Y	N	N	N	N
Switzerland, Graubünden and Glarus	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y	N	N	N	Y
Switzerland, Neuchâtel	Y	Y	N	Y	Y	N	Y	N	N	Y	N	N	N	N	N	Y
Switzerland, St Gall-Appenzell	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	N	N	N	Y
Switzerland, Ticino	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y	Y	Y	N	Y
Switzerland, Valais	Y	Y	N	Y	Y	Y	Y	Y	N	Y	N	N	N	N	N	Y
Switzerland, Vaud	Y	Y	N	Y	Y	N	Y	N	N	Y	N	N	N	N	N	Y
Switzerland, Zurich	Y	Y	Y	Y	Y	N	Y	Y	N	Y	N	Y	Y	N	N	Y
Ukraine	Y	N	N	Y	N	Y	N	N	N	Y	N	Y	Y	Y	N	Y
UK, England	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
UK, England, East of England Region	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	Y	Y	Y	N	Y
UK, England, North Western	Y	Y	Y	Y	Y	N	N	N	N	Y	N	Y	N	N	N	Y
UK, England, Northern and Yorkshire	Y	Y	N	Y	Y	N	Y	N	N	Y	Y	N	N	Y	N	N
UK, England, Oxford Region	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	Y	N	N	N	Y
UK, England, South and Western Regions	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	Y	Y	N	N	Y
UK, England, Thames	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	N	Y
UK, England, Trent	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y	Y	N	N	N
UK, England, West Midlands	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	N	N	Y	N	Y
UK, Northern Ireland	Y	Y	N	Y	Y	N	Y	N	N	N	N	Y	N	Y	N	Y
UK, Scotland	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	Y	Y	Y	N	Y
UK, Wales	Y	Y	Y	Y	N	N	Y	N	N	N	N	N	Y	N	N	Y
Oceania																
Australia, Australian Capital Territory	Y	Y	Y	Y	Y	N	Y	Y	N	Y	Y	N	N	Y	N	N
Australia, New South Wales	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	Y

Table 2.2. (Contd) Data sources of the registries included in CI5 Volume X

	Pathology laboratories	Public hospital inpatient records	Private hospital inpatient records	Death certificates	Radiotherapy departments	Oncology departments	Public hospital discharge records	Private hospital discharge records	Imaging facilities	Haematology laboratories	Hospice/ palliative care records	Public hospital outpatient records	Private hospital outpatient records	General practitioner records	Health insurance records	Autopsy services
Australia, Northern Territory	Y	Y	Y	Y	N	N	Y	N	N	N	N	N	N	N	N	N
Australia, Queensland	Y	Y	Y	Y	N	N	Y	Y	N	Y	Y	N	N	N	N	Y
Australia, South Australia	Y	Y	Y	N	Y	N	Y	Y	N	Y	Y	N	N	N	N	Y
Australia, Tasmania	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	Y	Y	Y	N	N
Australia, Victoria	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N	N	N	Y
Australia, Western Australia	Y	Y	Y	Y	Y	N	Y	Y	N	Y	Y	N	N	N	N	Y
New Zealand	Y	N	N	Y	N	N	Y	Y	N	Y	N	N	N	N	N	Y
USA, Hawaii	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y

Table 2.3. Types of information recorded by the registries included in CI5 Volume X

	ID no.	Ethnic group	Stage of disease at diagnosis					Initial treatment	Systematic follow-up	Follow-up method	Death certificates used to update vital status	Definition of incidence date	Identification of subsequent primaries possible
			Breast	Cervix	Lung	Colo-rectum	Prostate						
Africa													
Algeria, Sétif	Y	N	N	N	N	N	N	N	Y	Active	Y	IARC/IACR	N
Egypt, Gharbiah	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	Other	Y
Libya, Benghazi	N	N	Y	Y	Y	Y	Y	N	Y	Passive	Y	IARC/IACR	Y
Malawi, Blantyre	N	Y	Y	Y	N	Y	Y	Y	Y	Active	Y	IARC/IACR	Y
South Africa, PROMEC	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Tunisia, North	N	N	NA	NA	NA	NA	NA	N	Y	Passive	N	Other	Y
Uganda, Kyadondo County	N	Y	Y	Y	N	N	N	N	N	Active	N	IARC/IACR	Y
Zimbabwe, Harare: African	Y	Y	NA	NA	NA	NA	NA	Y	N	Active	Y	IARC/IACR	Y
Central and South America													
Argentina, Bahía Blanca	Y	N	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
Argentina, Córdoba	Y	N	NA	NA	NA	NA	NA	N	Y	Other	Y	IARC/IACR	Y
Argentina, Mendoza	Y	N	NA	NA	NA	NA	NA	N	N	Passive	Y	ENCR	Y
Argentina, Tierra del Fuego	N	Y	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
Brazil, Aracaju	Y	Y	NA	NA	NA	NA	NA	N	Y	Passive	Y	IARC/IACR	Y
Brazil, Belo Horizonte	Y	Y	NA	NA	NA	NA	NA	N	Y	Passive	Y	IARC/IACR	Y
Brazil, Cuiabá	Y	Y	NA	NA	NA	NA	NA	N	Y	Passive	Y	IARC/IACR	Y
Brazil, Fortaleza	Y	Y	NA	NA	NA	NA	NA	N	Y	Passive	Y	IARC/IACR	Y
Brazil, Goiânia	Y	Y	NA	NA	NA	NA	NA	N	Y	Other	Y	IARC/IACR	Y
Brazil, São Paulo	N	Y	NA	NA	NA	NA	NA	N	Y	Other	Y	IARC/IACR	N
Chile, Region of Antofagasta	Y	N	NA	NA	NA	NA	NA	N	N	Passive	N	IARC/IACR	Y
Chile, Bío Bío Province	Y	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	IARC/IACR	Y
Chile, Valdivia	Y	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	IARC/IACR	Y
Colombia, Bucaramanga	Y	N	NA	NA	NA	NA	NA	N	N	Other	Y	IARC/IACR	Y
Colombia, Cali	Y	N	NA	NA	NA	NA	NA	Y	N	Passive	Y	IARC/IACR	Y
Colombia, Manizales	Y	N	Y	N	N	N	N	N	Y	Active	Y	IARC/IACR	Y
Colombia, Pasto	Y	N	NA	NA	NA	NA	NA	N	N	Passive	Y	IARC/IACR	Y
Costa Rica	Y	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	IARC/IACR	Y
Cuba, Villa Clara	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Ecuador, Cuenca	N	N	Y	Y	Y	Y	Y	N	N	Active	Y	Other	Y
Ecuador, Quito	Y	N	Y	Y	Y	Y	Y	N	N	Passive	Y	IARC/IACR	Y
France, Martinique	N	N	Y	Y	N	Y	Y	N	Y	Active	Y	ENCR	Y
Jamaica, Kingston and St Andrew	N	N	NA	NA	NA	NA	NA	N	N	Passive	Y	IARC/IACR	Y

Table 2.3. (Contd) Types of information recorded by the registries included in CI5 Volume X

	ID no.	Ethnic group	Stage of disease at diagnosis					Initial treatment	Systematic follow-up	Follow-up method	Death certificates used to update vital status	Definition of incidence date	Identification of subsequent primaries possible
			Breast	Cervix	Lung	Colo-rectum	Prostate						
USA, Puerto Rico	Y	Y	NA	NA	NA	NA	NA	Y	N	Passive	Y	SEER	Y
Uruguay	Y	Y	NA	NA	NA	NA	NA	Y	N	Passive	Y	IARC/IACR	Y
North America													
Canada	Y	N	NA	NA	NA	NA	NA	N	Y	Other	Y	Other	Y
Canada, Alberta	Y	N	Y	Y	Y	Y	Y	Y	Y	Other	Y	SEER	Y
Canada, British Columbia	Y	N	Y	Y	Y	Y	Y	Y	Y	Other	Y	SEER	Y
Canada, Manitoba	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	N	SEER	Y
Canada, New Brunswick	Y	N	Y	N	Y	Y	Y	N	Y	Passive	Y	SEER	Y
Canada, Newfoundland and Labrador	Y	N	NA	NA	NA	NA	NA	N	Y	Active	Y	Other	Y
Canada, Northwest Territories	Y	Y	Y	Y	Y	Y	Y	N	Y	Passive	Y	Other	Y
Canada, Nova Scotia	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	Other	Y
Canada, Ontario	Y	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	Other	Y
Canada, Prince Edward Island	Y	N	NA	NA	NA	NA	NA	N	Y	Active	Y	Other	Y
Canada, Quebec	Y	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	Other	Y
Canada, Saskatchewan	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	SEER	Y
Canada, Yukon	Y	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	SEER	Y
USA, NPCR	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, SEER	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Alabama	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Alaska	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Arizona	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Arkansas	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	SEER	Y
USA, California	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	SEER	Y
USA, California, Los Angeles County	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, California, San Francisco Bay Area	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Colorado	Y	Y	NA	NA	NA	NA	NA	Y	N	Passive	Y	SEER	Y
USA, Connecticut	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Delaware	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Florida	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Georgia	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Georgia, Atlanta	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Idaho	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Illinois	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y

Table 2.3. (Contd) Types of information recorded by the registries included in CI5 Volume X

	ID no.	Ethnic group	Stage of disease at diagnosis					Initial treatment	Systematic follow-up	Follow-up method	Death certificates used to update vital status	Definition of incidence date	Identification of subsequent primaries possible
			Breast	Cervix	Lung	Colo-rectum	Prostate						
USA, Indiana	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Iowa	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Kentucky	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	SEER	Y
USA, Louisiana	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Louisiana, New Orleans	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Maine	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	Other	Y
USA, Massachusetts	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	Other	Y
USA, Michigan	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Michigan, Detroit	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Mississippi	Y	Y	NA	NA	NA	NA	NA	Y	N	Passive	Y	SEER	Y
USA, Missouri	Y	Y	NA	NA	NA	NA	NA	N	Y	Passive	Y	SEER	Y
USA, Montana	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	SEER	Y
USA, Nebraska	Y	Y	NA	NA	NA	NA	NA	Y	N	Passive	Y	SEER	Y
USA, New Hampshire	Y	Y	NA	NA	NA	NA	NA	N	Y	Passive	Y	SEER	Y
USA, New Jersey	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, New Mexico	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, New York State	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, North Carolina	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, North Dakota	Y	Y	NA	NA	NA	NA	NA	Y	N	Passive	Y	IARC/IACR	Y
USA, Ohio	N	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Oklahoma	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Oregon	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Pennsylvania	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Rhode Island	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, South Carolina	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, South Dakota	Y	Y	NA	NA	NA	NA	NA	Y	N	Passive	Y	SEER	Y
USA, Tennessee	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Texas	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	Other	Y
USA, Utah	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Vermont	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Virginia	Y	Y	Y	Y	Y	Y	Y	Y	Y	Active	Y	SEER	Y
USA, Washington State	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, Washington, Seattle	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
USA, West Virginia	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y

Table 2.3. (Contd) Types of information recorded by the registries included in CI5 Volume X

	ID no.	Ethnic group	Stage of disease at diagnosis					Initial treatment	Systematic follow-up	Follow-up method	Death certificates used to update vital status	Definition of incidence date	Identification of subsequent primaries possible
			Breast	Cervix	Lung	Colo-rectum	Prostate						
USA, Wisconsin	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
USA, Wyoming	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y
Asia													
Bahrain: Bahraini	Y	N	Y	Y	Y	Y	Y	Y	N	Other	Y	IARC/IACR	Y
China, Beijing City	Y	Y	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
China, Cixian County	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	IARC/IACR	Y
China, Haining County	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	IARC/IACR	Y
China, Harbin City, Nangang District	N	Y	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
China, Hong Kong	Y	N	Y	Y	N	Y	N	N	N	Other	Y	SEER	N
China, Jiashan County	Y	Y	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
China, Jiaxing City	Y	Y	NA	NA	NA	NA	NA	N	Y	Other	Y	IARC/IACR	Y
China, Macao	N	Y	NA	NA	NA	NA	NA	N	N	Active	Y	IARC/IACR	Y
China, Qidong County	Y	N	Y	Y	N	Y	Y	N	Y	Other	Y	IARC/IACR	Y
China, Shanghai City	Y	Y	NA	NA	NA	NA	NA	N	Y	Passive	Y	IARC/IACR	Y
China, Wuhan City	Y	Y	NA	NA	NA	NA	NA	N	Y	Other	Y	IARC/IACR	N
China, Yangcheng County	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
China, Yanting County	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
China, Zhongshan City	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
India, Bangalore	N	N	NA	NA	NA	NA	NA	Y	N	Active	Y	Other	Y
India; Barshi, Paranda, and Bhum	N	N	N	Y	N	N	N	Y	Y	Active	Y	Other	Y
India, Bhopal	N	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	Other	Y
India, Chennai	N	N	Y	Y	N	N	N	Y	N	Other	Y	Other	Y
India, Dindigul, Ambilikkai	N	N	Y	Y	N	N	N	Y	Y	Other	Y	Other	Y
India, Karunagappally	N	Y	Y	Y	Y	Y	Y	Y	N	Other	Y	SEER	Y
India, Mizoram	N	Y	NA	NA	NA	NA	NA	Y	N	Active	Y	Other	Y
India, Mumbai	Y	Y	Y	Y	Y	Y	Y	Y	Y	Active	Y	IARC/IACR	Y
India, New Delhi	N	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	N
India, Poona	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
India, Sikkim State	N	Y	Y	Y	Y	Y	Y	Y	Y	Active	Y	Other	Y
India, Trivandrum	N	N	NA	NA	NA	NA	NA	Y	N	Active	Y	Other	Y
Iran (Islamic Republic of), Golestan Province	Y	N	NA	NA	NA	NA	NA	Y	N	Active	Y	IARC/IACR	Y
Israel	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	Other	Y

Table 2.3. (Contd) Types of information recorded by the registries included in CI5 Volume X

	ID no.	Ethnic group	Stage of disease at diagnosis					Initial treatment	Systematic follow-up	Follow-up method	Death certificates used to update vital status	Definition of incidence date	Identification of subsequent primaries possible
			Breast	Cervix	Lung	Colo-rectum	Prostate						
Japan, Aichi Prefecture	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Japan, Fukui Prefecture	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Japan, Hiroshima	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Japan, Miyagi Prefecture	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Japan, Nagasaki Prefecture	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Japan, Niigata Prefecture	N	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
Japan, Osaka Prefecture	N	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	Other	Y
Japan, Saga Prefecture	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Republic of Korea	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Republic of Korea, Busan	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Republic of Korea, Daegu	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Republic of Korea, Daejeon	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Republic of Korea, Gwangju	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Republic of Korea, Incheon	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Republic of Korea, Jejudo	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Republic of Korea, Seoul	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Republic of Korea, Ulsan	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Kuwait	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
Malaysia, Penang	Y	Y	Y	Y	Y	Y	Y	Y	Y	Other	Y	IARC/IACR	Y
Philippines, Manila	N	N	Y	Y	N	Y	N	Y	Y	Active	Y	IARC/IACR	Y
Philippines, Rizal	N	N	Y	Y	N	Y	N	Y	Y	Active	Y	IARC/IACR	Y
Qatar: Qatari	Y	N	Y	Y	Y	Y	Y	Y	Y	Active	Y	IARC/IACR	Y
Saudi Arabia, Riyadh: Saudi	Y	N	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
Singapore	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
Thailand, Bangkok	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
Thailand, Chiang Mai	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
Thailand, Chonburi	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	IARC/IACR	Y
Thailand, Khon Kaen	Y	Y	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
Thailand, Lampang	Y	N	NA	NA	NA	NA	NA	Y	Y	Other	Y	ENCR	Y
Thailand, Songkhla	Y	Y	Y	Y	Y	Y	Y	Y	Y	Active	Y	ENCR	Y
Turkey, Antalya	Y	N	NA	NA	NA	NA	NA	N	Y	Other	Y	IARC/IACR	Y
Turkey, Edirne	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Turkey, İzmir	Y	N	NA	NA	NA	NA	NA	Y	N	Passive	Y	SEER	Y
Turkey, Trabzon	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y

Table 2.3. (Contd) Types of information recorded by the registries included in CI5 Volume X

	ID no.	Ethnic group	Stage of disease at diagnosis					Initial treatment	Systematic follow-up	Follow-up method	Death certificates used to update vital status	Definition of incidence date	Identification of subsequent primaries possible
			Breast	Cervix	Lung	Colo-rectum	Prostate						
Europe													
Austria	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Austria, Tyrol	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	ENCR	Y
Austria, Vorarlberg	Y	N	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
Belarus	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	Other	Y
Belgium	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	N	ENCR	Y
Bulgaria	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Croatia	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	Other	N
Cyprus	Y	Y	NA	NA	NA	NA	NA	Y	N	Other	Y	Other	Y
Czech Republic	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Denmark	Y	N	NA	NA	NA	NA	NA	N	Y	Other	N	IARC/IACR	Y
Estonia	Y	Y	NA	NA	NA	NA	NA	Y	N	Passive	Y	ENCR	Y
Finland	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
France, Bas-Rhin	N	N	NA	NA	NA	NA	NA	N	Y	Active	Y	ENCR	Y
France, Calvados	N	N	N	N	N	Y	N	Y	Y	Active	Y	ENCR	Y
France, Doubs	N	N	Y	Y	N	Y	N	N	Y	Active	N	ENCR	Y
France, Haut-Rhin	N	N	NA	NA	NA	NA	NA	N	Y	Active	N	IARC/IACR	Y
France, Hérault	N	N	Y	Y	Y	Y	Y	Y	Y	Active	Y	ENCR	Y
France, Isère	N	N	Y	Y	N	Y	N	N	Y	Active	N	ENCR	Y
France, Loire-Atlantique	N	N	Y	Y	N	N	N	N	Y	Active	N	ENCR	Y
France, Manche	N	N	Y	Y	N	Y	Y	N	Y	Active	N	ENCR	Y
France, Somme	N	N	Y	N	N	Y	Y	Y	Y	Active	Y	ENCR	Y
France, Tarn	N	N	Y	Y	N	Y	Y	N	Y	Other	Y	ENCR	Y
France, Vendée	N	N	Y	Y	N	N	N	N	Y	Active	N	ENCR	Y
Germany, Brandenburg	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Germany, Bremen	N	N	NA	NA	NA	NA	NA	Y	Y	Other	Y	IARC/IACR	Y
Germany, Free State of Saxony	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Germany, Hamburg	N	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	IARC/IACR	Y
Germany, Mecklenburg-Western Pomerania	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Germany, Munich	N	N	NA	NA	NA	NA	NA	Y	N	Passive	Y	IARC/IACR	Y
Germany, North Rhine-Westphalia	N	N	NA	NA	NA	NA	NA	N	N	Passive	Y	ENCR	Y
Germany, Saarland	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
Germany, Schleswig-Holstein	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y

Table 2.3. (Contd) Types of information recorded by the registries included in CI5 Volume X

	ID no.	Ethnic group	Stage of disease at diagnosis					Initial treatment	Systematic follow-up	Follow-up method	Death certificates used to update vital status	Definition of incidence date	Identification of subsequent primaries possible
			Breast	Cervix	Lung	Colo-rectum	Prostate						
Iceland	Y	N	N	N	N	N	Y	N	Y	Active	N	ENCR	Y
Ireland	N	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	ENCR	Y
Italy, Biella	N	N	Y	Y	Y	Y	Y	Y	Y	Active	Y	ENCR	Y
Italy, Brescia	Y	N	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
Italy, Catania and Messina	Y	N	Y	Y	N	Y	N	Y	Y	Active	Y	ENCR	Y
Italy, Catanzaro	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Italy, Como	Y	N	Y	N	N	Y	N	N	Y	Other	Y	ENCR	Y
Italy, Ferrara	Y	N	Y	Y	N	Y	Y	Y	Y	Active	Y	ENCR	Y
Italy, Florence and Prato	Y	N	Y	Y	Y	Y	Y	Y	Y	Active	Y	Other	Y
Italy, Friuli-Venezia Giulia	Y	N	Y	Y	N	Y	N	N	Y	Active	Y	IARC/IACR	Y
Italy, Genoa	Y	N	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
Italy, Latina	Y	N	Y	Y	N	Y	Y	Y	Y	Other	Y	IARC/IACR	Y
Italy, Lecco	Y	N	Y	N	N	Y	N	N	Y	Other	Y	ENCR	Y
Italy, Lombardy, South	Y	N	Y	N	N	Y	N	N	Y	Other	Y	ENCR	Y
Italy, Mantua	Y	N	NA	NA	NA	NA	NA	N	Y	Other	Y	ENCR	Y
Italy, Milan	Y	N	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
Italy, Modena	Y	N	Y	Y	N	Y	N	N	Y	Passive	Y	ENCR	Y
Italy, Naples	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
Italy, Nuoro	Y	N	Y	Y	Y	Y	Y	Y	Y	Active	Y	ENCR	Y
Italy, Palermo	Y	N	Y	N	N	Y	N	N	Y	Active	Y	ENCR	Y
Italy, Parma	Y	N	Y	Y	N	Y	N	N	Y	Active	Y	IARC/IACR	Y
Italy, Ragusa	Y	N	Y	N	N	Y	Y	N	Y	Active	Y	ENCR	N
Italy, Reggio Emilia	Y	N	Y	Y	N	Y	N	N	Y	Active	Y	IARC/IACR	Y
Italy, Romagna	Y	N	Y	Y	N	Y	N	N	Y	Active	Y	IARC/IACR	Y
Italy, Salerno	N	N	Y	N	Y	Y	N	N	Y	Active	Y	IARC/IACR	Y
Italy, Sassari	N	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	N
Italy, Sondrio	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Italy, South Tyrol	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
Italy, Syracuse	Y	N	NA	NA	NA	NA	NA	N	Y	Active	Y	ENCR	Y
Italy, Trapani	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Italy, Trento	Y	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	ENCR	Y
Italy, Turin	Y	N	Y	Y	N	Y	N	Y	Y	Active	Y	ENCR	Y
Italy, Umbria	Y	N	Y	Y	N	Y	Y	Y	Y	Active	Y	IARC/IACR	Y
Italy, Varese	Y	N	Y	N	N	Y	Y	N	Y	Other	Y	ENCR	Y

Table 2.3. (Contd) Types of information recorded by the registries included in CI5 Volume X

	ID no.	Ethnic group	Stage of disease at diagnosis					Initial treatment	Systematic follow-up	Follow-up method	Death certificates used to update vital status	Definition of incidence date	Identification of subsequent primaries possible
			Breast	Cervix	Lung	Colo-rectum	Prostate						
Italy, Veneto	Y	N	NA	NA	NA	NA	NA	N	Y	Other	Y	Other	Y
Latvia	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
Lithuania	N	N	NA	NA	NA	NA	NA	N	Y	Active	Y	ENCR	Y
Malta	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	IARC/IACR	Y
The Netherlands	N	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
The Netherlands, Eindhoven	Y	N	NA	NA	NA	NA	NA	Y	Y	Other	N	IARC/IACR	Y
Norway	Y	N	NA	NA	NA	NA	NA	Y	Y	Passive	Y	Other	Y
Poland, Cracow	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
Poland, Kielce	Y	N	N	N	N	N	N	Y	Y	Other	Y	IARC/IACR	Y
Poland, Lower Silesia	Y	N	NA	NA	NA	NA	NA	N	Y	Active	N	IARC/IACR	Y
Poland, Podkarpackie	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Portugal, Azores	Y	N	Y	Y	Y	Y	Y	N	N	Active	Y	ENCR	Y
Russian Federation, Saint Petersburg	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
Serbia, Central	Y	N	Y	Y	Y	Y	Y	N	N	Passive	Y	IARC/IACR	N
Slovakia	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Slovenia	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	N	ENCR	Y
Spain, Albacete	Y	N	Y	Y	N	Y	Y	Y	N	Active	Y	ENCR	Y
Spain, Asturias	Y	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	ENCR	Y
Spain, Basque Country	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Spain, Canary Islands	Y	N	Y	N	N	N	N	N	Y	Passive	Y	ENCR	Y
Spain, Ciudad Real	Y	N	NA	NA	NA	NA	NA	N	Y	Active	Y	IARC/IACR	Y
Spain, Cuenca	Y	N	Y	Y	Y	Y	Y	N	Y	Active	Y	ENCR	Y
Spain, Girona	Y	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	ENCR	Y
Spain, Granada	Y	N	NA	NA	NA	NA	NA	N	Y	Active	N	ENCR	Y
Spain, La Rioja	Y	N	NA	NA	NA	NA	NA	N	Y	Active	Y	ENCR	Y
Spain, Mallorca	Y	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	ENCR	Y
Spain, Murcia	Y	N	Y	N	N	Y	N	N	Y	Active	Y	ENCR	Y
Spain, Navarra	Y	N	Y	N	N	Y	N	Y	Y	Active	Y	ENCR	Y
Spain, Tarragona	Y	N	NA	NA	NA	NA	NA	N	Y	Passive	Y	ENCR	Y
Sweden	Y	N	Y	Y	Y	Y	Y	N	Y	Passive	Y	IARC/IACR	Y
Switzerland, Basel	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Switzerland, Geneva	N	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
Switzerland, Graubünden and Glarus	N	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Switzerland, Neuchâtel	N	N	NA	NA	NA	NA	NA	Y	Y	Other	Y	IARC/IACR	Y

Table 2.3. (Contd) Types of information recorded by the registries included in CI5 Volume X

	ID no.	Ethnic group	Stage of disease at diagnosis					Initial treatment	Systematic follow-up	Follow-up method	Death certificates used to update vital status	Definition of incidence date	Identification of subsequent primaries possible
			Breast	Cervix	Lung	Colo-rectum	Prostate						
Switzerland, St Gall-Appenzell	N	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Switzerland, Ticino	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	Y
Switzerland, Valais	N	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	ENCR	N
Switzerland, Vaud	N	N	Y	Y	N	Y	Y	N	N	Other	Y	IARC/IACR	Y
Switzerland, Zurich	Y	N	Y	N	N	Y	N	N	Y	Active	Y	ENCR	Y
Ukraine	N	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	IARC/IACR	Y
UK, England	Y	Y	Y	Y	Y	Y	Y	Y	Y	Passive	Y	Other	Y
UK, England, East of England Region	Y	Y	Y	Y	Y	Y	Y	Y	Y	Active	Y	IARC/IACR	Y
UK, England, North Western	Y	N	NA	NA	NA	NA	NA	Y	Y	Active	Y	IARC/IACR	Y
UK, England, Northern and Yorkshire	Y	Y	Y	Y	Y	Y	Y	Y	Y	Passive	Y	Other	Y
UK, England, Oxford Region	Y	Y	NA	NA	NA	NA	NA	Y	Y	Active	Y	Other	Y
UK, England, South and Western Regions	Y	Y	Y	Y	Y	Y	Y	Y	Y	Active	Y	ENCR	Y
UK, England, Thames	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	Other	Y
UK, England, Trent	Y	Y	Y	Y	Y	Y	Y	Y	N	Passive	Y	Other	Y
UK, England, West Midlands	Y	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	Other	Y
UK, Northern Ireland	Y	N	Y	Y	Y	Y	Y	Y	Y	Active	Y	ENCR	Y
UK, Scotland	Y	Y	Y	Y	Y	Y	N	Y	Y	Passive	Y	Other	Y
UK, Wales	Y	N	Y	Y	N	Y	N	Y	Y	Active	Y	ENCR	Y
Oceania													
Australia, Australian Capital Territory	N	Y	NA	NA	NA	NA	NA	N	Y	Passive	Y	IARC/IACR	Y
Australia, New South Wales	Y	N	NA	NA	NA	NA	NA	N	Y	Other	Y	IARC/IACR	Y
Australia, Northern Territory	Y	Y	NA	NA	NA	NA	NA	N	Y	Passive	Y	IARC/IACR	Y
Australia, Queensland	Y	Y	NA	NA	NA	NA	NA	N	Y	Other	Y	SEER	Y
Australia, South Australia	N	Y	NA	NA	NA	NA	NA	Y	Y	Passive	Y	SEER	Y
Australia, Tasmania	Y	Y	NA	NA	NA	NA	NA	N	Y	Passive	Y	ENCR	Y
Australia, Victoria	Y	Y	Y	N	N	Y	Y	N	Y	Other	Y	IARC/IACR	Y
Australia, Western Australia	N	Y	NA	NA	NA	NA	NA	N	N	Other	Y	IARC/IACR	Y
New Zealand	Y	Y	NA	NA	NA	NA	NA	N	N	Passive	Y	IARC/IACR	Y
USA, Hawaii	Y	Y	NA	NA	NA	NA	NA	Y	Y	Other	Y	SEER	Y

Chapter 3: Classification and coding

Jacques Ferlay

The *Cancer Incidence in Five Continents* (CI5) series has followed the evolution of the *International Classification of Diseases* (ICD) through four revisions, from the seventh revision (ICD-7) to the tenth (ICD-10), and the creation of a coding scheme for oncology: the *International Classification of Diseases for Oncology* (ICD-O) (WHO, 1976), now in its third edition (ICD-O-3) (Fritz et al., 2000), which is available from http://codes.iarc.fr/. CI5 Volumes I (Doll et al., 1966) and II (Doll et al., 1970) presented data on cancer incidence coded to ICD-7 (WHO, 1957). Volume III (Waterhouse et al., 1976) published data using both ICD-7 and ICD-8 (WHO, 1967). ICD-8, which came into effect in 1968, was also used in Volume IV (Waterhouse et al., 1982). ICD-9 (WHO, 1977) was used for Volumes V (Muir et al., 1987), VI (Parkin et al., 1992), and VII (Parkin et al., 1997). ICD-10 (WHO, 1992) was used for Volumes VIII (Parkin et al., 2002) and IX (Curado et al., 2007), and is also used for the present volume. The updates to ICD-10 since 2010 (available from http://www.who.int/classifications/icd/icd10updates/en/) and the 2011 revision of ICD-O-3 (WHO, 2013; available from http://codes.iarc.fr/) were not considered in this volume, which presents data for the 5-year period of 2003–2007.

The data are published at the level of the three-character ICD-10 codes in the individual registry tables. The groupings of ICD codes adopted in the previous two volumes have been used again in this volume to maintain comparability over time. Table 3.1 presents the individual ICD-10 site codes, the full ICD-10 titles, the Volume X groupings, and the short titles used in the tables of incidence.

CLASSIFICATIONS USED IN THE CANCER REGISTRY

Data submitted for the first four volumes of CI5 were sent in tabular format – organized by sex, site, and 5-year age group – on tape, diskette, or (most commonly) forms specifically designed for the purpose. The only verification possible was to tally the columns and rows. For Volume V, registries were given the option of sending data in the form of a case listing coded to ICD-9 topography only, or to ICD-9 or ICD-O topography plus ICD-O morphology. Only a very small minority of registries sent data coded to ICD-O. Contributors to Volume VI were encouraged to send data as a listing of individual cases, but 24% still sent tabulated data. Starting from Volume VII, data had to be sent as a listing of individual cases. Since the publication in 1976 of the first edition of ICD-O – which clearly defined axes of anatomical location, histology, and behaviour – international conformity to standard classification systems and coding rules has increased steadily. For data published in Volume IV (1973–1977), 90% of registries recorded histological diagnosis. For coding, just over a third of the registries used the American Cancer Society's *Manual of Tumor Nomenclature and Coding* (MOTNAC) (ACS, 1951; 1968), a third had started to use ICD-O, and 12% used the *Systematized Nomenclature of Pathology* (SNOP) (CAP, 1965). About 75% of contributors to Volume V used ICD-O to code histology, and that proportion rose to more than 90% for Volumes VI and VII. Only 4 of the 186 contributors to Volume VIII, 1 of the 225 contributors to Volume IX, and 2 of the 290 contributors to the present volume did not code their histological data to ICD-O. Although most of the data submitted for this volume had been coded or converted to ICD-O-3 (see Chapter 6), registries were also asked what classification systems were used for coding data in the registry during the period. Of the 290 contributors, 265 registries (91.4%) coded to ICD-O topography and morphology (of which 255 used ICD-O-3), 23 registries (7.9%) coded to ICD-9 or ICD-10 topography and ICD-O morphology, and two registries (0.7%) coded to ICD-9 or ICD-10 topography and MOTNAC or the *Systematized Nomenclature of Medicine* (SNOMED) (CAP, 1974) for morphology.

COMPARABILITY

All data supplied for this volume either were already coded to ICD-O-3 when submitted, or were converted by IARC to ICD-O-3 for checking, and were then converted to ICD-10 for presentation (see Chapter 6). This process ensures that the same validity checks and multiple primary rules are applied to all data, and that the final ICD-10 codes used in this publication follow a standard ICD-O-3 to ICD-10 conversion. When a dataset included an ICD-10 code, this was ignored in the tabulations. The ICD-O-3 to ICD-10 conversion program was written at IARC using the rules of the ICD-O-2 to ICD-10 conversion program developed by Percy (1998). The conversion tables strictly follow the ICD-10 coding rules, as expressed in the instruction manual of ICD-10 Volume 2 (Percy et al., 1990) or in the alphabetical index of ICD-10 Volume 3. For example, the combination of unknown primary site (ICD-O-3 topography C80.9) and fibrosarcoma, not otherwise specified (NOS; ICD-O-3 morphology 8810/3) is converted to C49.9: "Connective and other soft tissues, NOS" in ICD-10 (see ICD-10 Volume 2, page 74).

Theoretically, the use of a standard, well-designed coding system such as ICD should make the analysis and tabulation of comparable results a simple matter. But in practice, it has been a continual exercise in detection for the editors of CI5 to establish exactly how registries code various cancers. For the present volume, registries were asked whether any malignant diagnoses were excluded from their data, and how they coded intraductal carcinoma of breast, NOS; ductal and lobular carcinoma in situ of breast; ovarian cystadenoma of borderline malignancy; borderline tumour of ovary; benign tumours of brain and nervous system; and in situ and unspecified carcinoma of bladder (see Table 3.2).

Non-melanoma skin cancer

The incidence of non-melanoma skin cancer (NMSC) is difficult to assess. These cancers are very common and rarely fatal, and the completeness of their registration varies widely depending on access to outpatient and general practitioners' records. Most NMSCs are basal cell carcinomas (BCCs) or squamous cell carcinomas (SCCs); other skin cancers are rare. Although some registries record the first occurrence of all NMSCs, others register BCC only, and many do not collect data on either SCC or BCC.

Bladder cancer

The issue of coding non-invasive tumours (taking into account the recorded level of invasion and grade) – and which to include in the tables as "cancer of the bladder" – has long been a subject of debate. In CI5 Volume VI, it was decided, for the sake of geographical comparability, to exclude tumours of benign, in situ, and unspecified behaviour. In principle, the availability of data as individual case listings with histological type and behaviour should make it possible to publish only data on malignant cancer, by excluding diagnoses with any behaviour code other than /3. But when registries were asked about the behaviour codes they used for non-invasive and unspecified diagnoses of malignant bladder cancer for Volume VII, many of them reported that they assigned the behaviour code /3 to both in situ and unspecified diagnoses, making it impossible to distinguish such cases. As a result, the editors decided to accept that non-invasive diagnoses of bladder cancer are generally considered malignant by pathologists; since Volume VII, the bladder cancer rubric (ICD-10 C67) has therefore included the in situ (ICD-10 D09.0) and unspecified (ICD-10 D41.4) categories. In this volume, whenever possible, the inclusion of neoplasms of uncertain or unknown behaviour together with invasive cancers is indicated by a dagger symbol beside C67 in the tables, and a note on the data in the accompanying narrative. A few registries preferred not to include such cases in their dataset, even when available in the registry, for the sake of continuity over time.

Breast cancer

Intraductal carcinoma, ductal carcinoma in situ (DCIS), and lobular carcinoma in situ of breast are classified in ICD-O-3 as in situ cancers (behaviour code /2). All the registries in CI5 Volume X collect these diagnoses, and very few code any of these diagnoses as malignant (behaviour code /3) (see Table 3.2).

Ovarian cancer

The registries contributing to this volume were asked how they coded ovarian cystadenoma of borderline malignancy and borderline tumour of ovary. The behaviour codes they reported using are tabulated in Table 3.2. Borderline ovarian diagnoses are classified as non-malignant tumours in ICD-O-3 (behaviour code /1) and are excluded from the tabulations, but a few registries still code them as malignant neoplasms.

Brain and central nervous system

Many registries choose to include benign and unspecified tumours of the brain and central nervous system in their data, because of the potentially serious clinical consequences of these tumours. Prior to Volume VII, such tumours may therefore have been included in the tables along with cancers of the brain and nervous system. However, the proportion of such cases varies widely between registries, so since Volume VII they are no longer included.

Myeloproliferative disorders and myelodysplastic syndromes

These include records with the ICD-O-3 morphological codes 9950/3, 996_/3, 9975/3, and 998_/3. Only registries that originally coded their data to ICD-O-3 can report such diagnoses, as they were not considered malignant tumours in ICD-O-2 (behaviour code /1). These codes are converted to the ICD-10 codes D45, D46_, and D47_ by the IARC ICD-O-3 to ICD-10 conversion program, and are presented in two separate categories in the tables (see Table 3.1).

Table 3.1. Classifications used in the incidence tables in CI5 Volume X

ICD-10 site code	Full ICD-10 title	Grouping used in tables	Short title used in tables
C00	Malignant neoplasm of lip	–	Lip
C01	Malignant neoplasm of base of tongue	C01–C02 are grouped	Tongue
C02	Malignant neoplasm of other and unspecified parts of tongue		
C03	Malignant neoplasm of gum	C03–C06 are grouped	Mouth
C04	Malignant neoplasm of floor of mouth		
C05	Malignant neoplasm of palate		
C06	Malignant neoplasm of other and unspecified parts of mouth		
C07	Malignant neoplasm of parotid gland	C07–C08 are grouped	Salivary gland
C08	Malignant neoplasm of other and unspecified major salivary glands		
C09	Malignant neoplasm of tonsil	–	Tonsil
C10	Malignant neoplasm of oropharynx	–	Other oropharynx
C11	Malignant neoplasm of nasopharynx	–	Nasopharynx
C12	Malignant neoplasm of pyriform sinus	C12–C13 are grouped	Hypopharynx
C13	Malignant neoplasm of hypopharynx		
C14	Malignant neoplasm of other and ill-defined sites in the lip, oral cavity and pharynx	–	Pharynx unspecified
C15	Malignant neoplasm of oesophagus	–	Oesophagus
C16	Malignant neoplasm of stomach	–	Stomach
C17	Malignant neoplasm of small intestine	–	Small intestine
C18	Malignant neoplasm of colon	–	Colon
C19	Malignant neoplasm of rectosigmoid junction	C19–C20 are grouped	Rectum
C20	Malignant neoplasm of rectum		
C21	Malignant neoplasm of anus and anal canal	–	Anus
C22	Malignant neoplasm of liver and intrahepatic bile ducts	–	Liver
C23	Malignant neoplasm of gallbladder	C23–C24 are grouped	Gallbladder etc.
C24	Malignant neoplasm of other and unspecified parts of biliary tract		
C25	Malignant neoplasm of pancreas	–	Pancreas
C26	Malignant neoplasm of other and ill-defined digestive organs	C26 is included in other and unspecified	
C30	Malignant neoplasm of nasal cavity and middle ear	C30–C31 are grouped	Nose, sinuses, etc.
C31	Malignant neoplasm of accessory sinuses		
C32	Malignant neoplasm of larynx	–	Larynx
C33	Malignant neoplasm of trachea	C33–C34 are grouped	Trachea, bronchus and lung
C34	Malignant neoplasm of bronchus and lung		
C37	Malignant neoplasm of thymus	C37–C38 are grouped	Other thoracic organs
C38	Malignant neoplasm of heart, mediastinum and pleura		
C39	Malignant neoplasm of other and ill-defined sites in the respiratory system and intrathoracic organs	C39 is included in other and unspecified	
C40	Malignant neoplasm of bone and articular cartilage of limbs	C40–C41 are grouped	Bone
C41	Malignant neoplasm of bone and articular cartilage of other and unspecified sites		
C43	Malignant melanoma of skin	–	Melanoma of skin
C44	Other malignant neoplasms of skin	–	Other skin
C45	Mesothelioma	–	Mesothelioma
C46	Kaposi sarcoma	–	Kaposi sarcoma
C47	Malignant neoplasm of peripheral nerves and autonomic nervous system	C47 is grouped with C49	Connective and soft tissue
C48	Malignant neoplasm of retroperitoneum and peritoneum	C48 is included in other and unspecified	
C49	Malignant neoplasm of other connective and soft tissue	C49 is grouped with C47	
C50	Malignant neoplasm of breast	–	Breast
C51	Malignant neoplasm of vulva	–	Vulva
C52	Malignant neoplasm of vagina	–	Vagina
C53	Malignant neoplasm of cervix uteri	–	Cervix uteri
C54	Malignant neoplasm of corpus uteri	–	Corpus uteri
C55	Malignant neoplasm of uterus, part unspecified	–	Uterus unspecified
C56	Malignant neoplasm of ovary	–	Ovary
C57	Malignant neoplasm of other and unspecified female genital organs	–	Other female genital organs

Table 3.1. (Contd) Classifications used in the incidence tables in CI5 Volume X

ICD-10 site code	Full ICD-10 title	Grouping used in tables	Short title used in tables
C58	Malignant neoplasm of placenta	–	Placenta
C60	Malignant neoplasm of penis	–	Penis
C61	Malignant neoplasm of prostate	–	Prostate
C62	Malignant neoplasm of testis	–	Testis
C63	Malignant neoplasm of other and unspecified male genital organs	–	Other male genital organs
C64	Malignant neoplasm of kidney, except renal pelvis	–	Kidney
C65	Malignant neoplasm of renal pelvis	–	Renal pelvis
C66	Malignant neoplasm of ureter	–	Ureter
C67	Malignant neoplasm of bladder	–	Bladder
C68	Malignant neoplasm of other and unspecified urinary organs	–	Other urinary organs
C69	Malignant neoplasm of eye and adnexa	–	Eye
C70	Malignant neoplasm of meninges	C70–C72 are grouped	Brain, nervous system
C71	Malignant neoplasm of brain		
C72	Malignant neoplasm of spinal cord, cranial nerves and other parts of central nervous system		
C73	Malignant neoplasm of thyroid gland	–	Thyroid
C74	Malignant neoplasm of adrenal gland	–	Adrenal gland
C75	Malignant neoplasm of other endocrine glands and related structures	–	Other endocrine
C76	Malignant neoplasm of other and ill-defined sites	C76 is included in other and unspecified	
C80	Malignant neoplasm without specification of site	C80 is included in other and unspecified	
C81	Hodgkin disease	–	Hodgkin lymphoma
C82	Follicular (nodular) non-Hodgkin lymphoma	C82–C85 and C96 are grouped	Non-Hodgkin lymphoma
C83	Diffuse non-Hodgkin lymphoma		
C84	Peripheral and cutaneous T-cell lymphomas		
C85	Other and unspecified types of non-Hodgkin lymphoma		
C88	Malignant immunoproliferative diseases	–	Immunoproliferative diseases
C90	Multiple myeloma and malignant plasma cell neoplasms	–	Multiple myeloma
C91	Lymphoid leukaemia	–	Lymphoid leukaemia
C92	Myeloid leukaemia	C92–C94 are grouped (following ICD-O-3)	Myeloid leukaemia
C93	Monocytic leukaemia		
C94	Other leukaemias of specified cell type		
C95	Leukaemia of unspecified cell type	–	Leukaemia unspecified
C96	Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue	C96 is grouped with C82–C85	
O&U	Other and unspecified	Includes C26, C39, C48, C76, and C80	Other and unspecified
MPD	Myeloproliferative disorders	Includes ICD-O-3 M9950/3, M996_/3, and M9975/3	Myeloproliferative disorders
MDS	Myelodysplastic syndromes	Includes ICD-O-3 M998_/3	Myelodysplastic syndromes
C00-96			All sites
C00-96 exc. C44			All sites except C44

Table 3.2. Coding practices of the registries included in CI5 Volume X

Registry	Behaviour codes							
	Benign tumours of brain and nervous system	Carcinoma of bladder, in situ	Carcinoma of bladder, not otherwise specified	Ovarian cystadenoma of borderline malignancy	Borderline tumour of ovary	Ductal carcinoma of breast, in situ	Intraductal carcinoma of breast, not otherwise specified	Lobular carcinoma of breast, in situ
Africa								
Algeria, Sétif	3	2	3	3	3	3	3	3
Egypt, Gharbiah	0	2	3	1	1	2	2	2
Libya, Benghazi	0	2	3	1	1	2	2	2
Malawi, Blantyre	3	3	3	3	3	3	3	3
South Africa, PROMEC	1	2	2	2	2	2	2	2
Tunisia, North	1	2	2	1	2	2	3	2
Uganda, Kyadondo County	0	2	3	1	1	2	2	2
Zimbabwe, Harare: African	0	2	3	1	1	2	2	2
Central and South America								
Argentina, Bahía Blanca	0	2	3	1	1	2	3	2
Argentina, Córdoba	0	2	3	1	1	2	3	2
Argentina, Mendoza	0	2	1	1	1	2	2	2
Argentina, Tierra del Fuego	0	2	3	2	2	2	2	2
Brazil, Aracaju	0	2	3	1	1	2	2	2
Brazil, Belo Horizonte	0	2	3	1	1	2	2	2
Brazil, Cuiabá	0	2	3	1	1	2	2	2
Brazil, Fortaleza	0	2	3	1	1	2	2	2
Brazil, Goiânia	3	2	3	1	1	2	2	2
Brazil, São Paulo	0	2	3	1	1	2	2	2
Chile, Region of Antofagasta	0	2	3	1	1	2	2	2
Chile, Bío Bío Province	0	2	3	1	1	2	2	2
Chile, Valdivia	0	2	3	1	1	2	2	2
Colombia, Bucaramanga	0	2	3	1	1	2	2	2
Colombia, Cali	0	2	3	1	1	2	2	2
Colombia, Manizales	0	2	3	1	1	2	2	2
Colombia, Pasto	1	2	3	1	1	2	3	2
Costa Rica	0	2	3	1	1	2	2	2
Cuba, Villa Clara	0	2	3	1	1	2	3	2
Ecuador, Cuenca	0	2	3	0	1	2	2	2
Ecuador, Quito	0	2	3	1	1	2	2	2
France, Martinique	0	2	3	1	1	2	3	2
Jamaica, Kingston and St Andrew	0	2	3	1	1	2	2	2
USA, Puerto Rico	0	2	2	1	1	2	2	2
Uruguay	1	2	3	1	1	2	2	2
North America								
Canada	0	2	3	1	1	2	2	2
Canada, Alberta	0	2	3	1	1	2	2	2
Canada, British Columbia	0	2	3	1	1	2	3	2
Canada, Manitoba	0	2	3	1	1	2	3	2
Canada, New Brunswick	0	3	3	3	3	2	2	2
Canada, Newfoundland and Labrador	0	2	3	1	1	2	2	2
Canada, Nova Scotia	0	2	3	1	1	2	3	2
Canada, Northwest Territories	0	2	1	1	1	2	3	2
Canada, Ontario	0	2	3	1	1	2	3	2
Canada, Prince Edward Island	0	2	2	1	1	2	2	2
Canada, Quebec	0	2	3	1	1	2	2	2
Canada, Saskatchewan	0	2	3	1	1	2	2	2
Canada, Yukon	0	2	3	1	1	2	3	2

Table 3.2. (Contd) Coding practices of the registries included in CI5 Volume X

Registry	Behaviour codes							
	Benign tumours of brain and nervous system	Carcinoma of bladder, in situ	Carcinoma of bladder, not otherwise specified	Ovarian cystadenoma of borderline malignancy	Borderline tumour of ovary	Ductal carcinoma of breast, in situ	Intraductal carcinoma of breast, not otherwise specified	Lobular carcinoma of breast, in situ
USA, NPCR	0	3	3	1	1	2	2	2
USA, SEER	0	2	3	1	1	2	2	2
USA, Alabama	0	2	3	1	1	2	2	2
USA, Alaska	0	2	3	1	1	2	3	2
USA, Arizona	0	2	3	1	1	2	2	2
USA, Arkansas	0	2	3	1	1	2	2	2
USA, California	0	2	3	1	1	2	2	2
USA, California, Los Angeles County	0	2	3	1	1	2	2	2
USA, California, San Francisco Bay Area	0	2	3	1	1	2	2	2
USA, Colorado	0	2	3	1	1	2	2	2
USA, Connecticut	0	2	3	1	1	2	2	2
USA, Delaware	0	2	3	1	1	2	2	2
USA, Florida	0	2	3	1	1	2	2	2
USA, Georgia	0	2	3	1	1	2	2	2
USA, Georgia, Atlanta	0	2	3	1	1	2	2	2
USA, Idaho	0	2	3	1	1	2	3	2
USA, Illinois	0	2	3	1	1	2	2	2
USA, Indiana	0	2	3	1	1	2	2	2
USA, Iowa	0	2	3	1	1	2	2	2
USA, Kentucky	0	2	3	1	1	2	2	2
USA, Louisiana	0	2	3	1	1	2	2	2
USA, Louisiana, New Orleans	0	2	3	1	1	2	2	2
USA, Maine	0	2	3	1	1	2	2	2
USA, Massachusetts	0	2	3	1	1	2	3	2
USA, Michigan	0	2	3	1	1	2	2	2
USA, Michigan, Detroit	0	2	3	1	1	2	2	2
USA, Mississippi	0	2	3	1	1	2	2	2
USA, Missouri	0	2	3	1	1	2	2	2
USA, Montana	0	2	3	3	1	2	2	2
USA, Nebraska	0	2	2	1	1	2	2	2
USA, New Hampshire	0	2	3	0	1	2	2	2
USA, New Jersey	0	2	3	1	1	2	2	2
USA, New Mexico	0	2	3	1	1	2	2	2
USA, New York State	0	2	3	1	1	2	2	2
USA, North Carolina	0	2	3	1	1	2	2	2
USA, North Dakota	0	2	3	1	1	2	2	2
USA, Ohio	0	2	3	1	1	2	2	2
USA, Oklahoma	0	2	3	1	1	2	2	2
USA, Oregon	0	2	3	1	1	2	2	2
USA, Pennsylvania	0	2	3	1	1	2	2	2
USA, Rhode Island	0	2	3	1	1	2	2	2
USA, South Carolina	0	2	3	1	1	2	2	2
USA, South Dakota	0	2	3	1	1	2	3	2
USA, Tennessee	0	2	3	1	1	2	2	2
USA, Texas	0	2	3	1	1	2	2	2
USA, Utah	0	2	3	1	1	2	2	2
USA, Vermont	0	2	3	1	1	2	2	2
USA, Virginia	1	2	3	3	2	3	3	2
USA, Washington State	0	2	3	1	1	2	2	2
USA, Washington, Seattle	0	2	3	1	1	2	2	2
USA, West Virginia	0	2	3	1	1	2	2	2

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Registry	Behaviour codes							
	Benign tumours of brain and nervous system	Carcinoma of bladder, in situ	Carcinoma of bladder, not otherwise specified	Ovarian cystadenoma of borderline malignancy	Borderline tumour of ovary	Ductal carcinoma of breast, in situ	Intraductal carcinoma of breast, not otherwise specified	Lobular carcinoma of breast, in situ
USA, Wisconsin	0	3	3	1	1	2	3	2
USA, Wyoming	1	2	3	2	2	2	3	2
Asia								
Bahrain: Bahraini	0	3	3	3	1	2	3	2
China, Beijing City	0	2	3	3	3	2	2	2
China, Cixian County	0	2	3	1	1	2	3	2
China, Haining County	0	3	3	3	3	3	3	3
China, Harbin City, Nangang District	3	3	1	0	1	2	2	2
China, Hong Kong	1	2	3	3	3	2	2	2
China, Jiashan County	0	2	3	1	1	2	3	2
China, Jiaxing City	0	2	3	1	1	2	3	2
China, Macao	0	2	3	1	1	2	2	2
China, Qidong County	3	2	2	2	2	2	2	2
China, Shanghai City	0	2	3	1	1	2	3	2
China, Wuhan City	3	2	3	1	1	2	3	2
China, Yangcheng County	0	2	3	0	1	2	3	2
China, Yanting County	3	2	3	1	1	2	2	2
China, Zhongshan City	0	2	3	1	1	2	2	2
India, Bangalore	0	2	3	1	1	2	2	2
India; Barshi, Paranda, and Bhum	0	2	3	1	1	2	2	2
India, Bhopal	0	2	3	1	1	2	2	2
India, Chennai	0	2	1	1	1	2	2	2
India, Dindigul, Ambilikkai	0	2	1	1	1	2	2	2
India, Karunagappally	0	2	3	1	1	2	3	2
India, Mizoram	0	2	3	1	1	2	3	2
India, Mumbai	0	2	3	0	1	2	3	2
India, New Delhi	0	2	3	0	3	2	3	2
India, Poona	0	2	3	0	1	2	3	2
India, Sikkim State	0	2	3	1	1	2	3	2
India, Trivandrum	0	2	3	1	1	2	2	2
Iran (Islamic Republic of), Golestan Province	0	2	3	1	1	2	3	2
Israel	0	2	3	1	1	2	2	2
Japan, Aichi Prefecture	0	2	3	1	1	2	2	2
Japan, Fukui Prefecture	1	2	3	1	1	2	2	2
Japan, Hiroshima	0	2	3	1	1	2	2	2
Japan, Miyagi Prefecture	0	2	3	1	1	2	2	2
Japan, Nagasaki Prefecture	0	2	3	1	1	2	2	2
Japan, Niigata Prefecture	0	2	3	1	1	2	2	2
Japan, Osaka Prefecture	0	2	3	1	1	2	3	2
Japan, Saga Prefecture	0	2	3	1	1	2	2	2
Republic of Korea	0	2	3	1	1	2	2	2
Republic of Korea, Busan	0	2	3	1	1	2	2	2
Republic of Korea, Daegu	0	2	3	1	1	2	2	2
Republic of Korea, Daejeon	0	2	3	1	1	2	2	2
Republic of Korea, Gwangju	0	2	3	1	1	2	3	2
Republic of Korea, Incheon	0	2	3	1	1	2	3	3
Republic of Korea, Jejudo	0	2	3	1	1	2	2	2
Republic of Korea, Seoul	0	2	3	1	1	2	2	2
Republic of Korea, Ulsan	0	2	3	1	1	2	2	2
Kuwait	0	2	3	1	1	2	2	2

Table 3.2. (Contd) Coding practices of the registries included in CI5 Volume X

Registry	Behaviour codes							
	Benign tumours of brain and nervous system	Carcinoma of bladder, in situ	Carcinoma of bladder, not otherwise specified	Ovarian cystadenoma of borderline malignancy	Borderline tumour of ovary	Ductal carcinoma of breast, in situ	Intraductal carcinoma of breast, not otherwise specified	Lobular carcinoma of breast, in situ
Malaysia, Penang	0	3	1	3	3	3	3	3
Philippines, Manila	1	2	3	1	1	2	2	2
Philippines, Rizal	1	2	3	1	1	2	2	2
Qatar: Qatari	0	2	3	1	1	2	2	2
Saudi Arabia, Riyadh: Saudi	0	2	3	1	1	2	2	2
Singapore	0	2	1	1	1	2	2	2
Thailand, Bangkok	0	2	3	1	1	2	2	2
Thailand, Chiang Mai	0	2	3	1	3	2	3	2
Thailand, Chonburi	0	2	3	1	1	2	2	2
Thailand, Khon Kaen	0	2	3	1	1	2	2	2
Thailand, Lampang	0	2	3	1	1	2	3	2
Thailand, Songkhla	0	2	3	1	1	2	2	2
Turkey, Antalya	0	2	3	1	1	2	2	2
Turkey, Edirne	0	2	3	1	1	2	2	2
Turkey, İzmir	0	2	3	1	1	2	3	2
Turkey, Trabzon	0	2	3	1	1	2	2	2
Europe								
Austria	0	2	1	1	1	2	3	2
Austria, Tyrol	0	2	3	1	1	2	2	2
Austria, Vorarlberg	0	2	3	1	1	2	3	2
Belarus	0	2	3	3	1	2	3	2
Belgium	1	2	3	1	1	2	2	2
Bulgaria	0	2	3	3	1	2	3	2
Croatia	0	2	3	1	1	2	2	2
Cyprus	0	2	3	1	1	2	2	2
Czech Republic	0	2	3	3	3	2	3	2
Denmark	0	2	3	3	1	2	2	2
Estonia	0	2	3	3	1	2	3	2
Finland	0	2	3	1	1	2	2	2
France, Bas-Rhin	0	2	3	1	1	2	2	2
France, Calvados	1	2	3	1	1	2	2	2
France, Doubs	0	2	3	1	1	2	2	2
France, Haut-Rhin	0	2	3	1	1	2	2	2
France, Hérault	0	2	1	1	1	2	2	2
France, Isère	0	2	3	1	1	2	2	2
France, Loire-Atlantique	1	2	3	1	1	2	2	2
France, Manche	0	2	3	1	2	2	2	2
France, Somme	0	2	1	1	1	2	2	2
France, Tarn	0	2	1	1	1	2	2	2
France, Vendée	1	2	3	1	1	2	2	2
Germany, Brandenburg	0	2	3	1	1	2	2	2
Germany, Bremen	0	2	3	1	1	2	2	2
Germany, Free State of Saxony	0	2	3	1	1	2	2	2
Germany, Hamburg	0	2	3	1	1	2	3	2
Germany, Mecklenburg-Western Pomerania	0	2	3	1	1	2	2	2
Germany, Munich	0	2	3	1	1	2	2	2
Germany, North Rhine-Westphalia	0	2	3	1	1	2	3	2
Germany, Saarland	0	2	3	3	3	2	3	2
Germany, Schleswig-Holstein	0	2	3	1	1	2	2	2
Iceland	1	2	3	1	1	2	2	2

Table 3.2. (Contd) Coding practices of the registries included in CI5 Volume X

Registry	Behaviour codes							
	Benign tumours of brain and nervous system	Carcinoma of bladder, in situ	Carcinoma of bladder, not otherwise specified	Ovarian cystadenoma of borderline malignancy	Borderline tumour of ovary	Ductal carcinoma of breast, in situ	Intraductal carcinoma of breast, not otherwise specified	Lobular carcinoma of breast, in situ
Ireland	0	2	3	1	1	2	2	2
Italy, Biella	0	2	1	0	1	2	2	2
Italy, Brescia	0	2	3	1	1	2	2	2
Italy, Catania and Messina	0	2	3	1	1	2	2	2
Italy, Catanzaro	0	2	1	1	1	2	2	2
Italy, Como	0	2	1	1	1	2	2	2
Italy, Ferrara	0	2	3	1	1	2	2	2
Italy, Florence and Prato	0	2	1	1	1	2	2	2
Italy, Friuli-Venezia Giulia	0	2	3	0	1	2	3	2
Italy, Genoa	0	2	3	1	1	2	2	2
Italy, Latina	0	2	1	1	1	2	2	2
Italy, Lecco	0	2	3	3	3	2	2	2
Italy, Lombardy, South	0	2	3	3	3	2	2	2
Italy, Mantua	0	2	3	3	1	2	2	2
Italy, Milan	0	2	3	1	1	2	2	2
Italy, Modena	0	2	3	1	1	2	2	2
Italy, Naples	0	2	1	1	1	2	2	2
Italy, Nuoro	0	2	1	1	1	2	2	2
Italy, Palermo	0	2	1	1	1	2	2	2
Italy, Parma	0	2	3	0	1	2	2	2
Italy, Ragusa	0	2	1	1	1	2	2	2
Italy, Reggio Emilia	0	2	3	1	1	2	2	2
Italy, Romagna	0	2	1	1	1	2	2	2
Italy, Salerno	0	2	1	0	1	2	2	2
Italy, Sassari	0	2	1	1	1	2	2	2
Italy, Sondrio	0	2	1	1	1	2	2	2
Italy, South Tyrol	0	2	3	1	1	2	2	2
Italy, Syracuse	0	2	3	1	1	2	2	2
Italy, Trapani	0	2	1	1	1	2	3	2
Italy, Trento	3	2	3	2	2	2	2	2
Italy, Turin	0	2	3	1	1	2	2	2
Italy, Umbria	3	3	3	3	3	3	3	3
Italy, Varese	0	2	3	3	3	2	2	2
Italy, Veneto	0	2	3	1	1	2	2	2
Latvia	0	2	3	0	1	2	3	2
Lithuania	0	2	3	1	1	2	2	2
Malta	0	2	3	0	1	2	3	2
Norway	0	2	3	1	3	2	2	2
The Netherlands	1	2	3	1	1	2	2	2
The Netherlands, Eindhoven	0	2	3	1	1	2	2	2
Poland, Cracow	0	2	3	3	1	2	2	2
Poland, Kielce	1	2	1	1	1	2	2	2
Poland, Lower Silesia	3	2	3	1	1	2	2	2
Poland, Podkarpackie	1	2	3	1	1	2	3	2
Portugal, Azores	0	2	3	1	1	2	2	2
Russian Federation, Saint Petersburg	0	2	3	3	3	2	3	2
Serbia, Central	0	2	3	1	1	2	3	2
Slovakia	0	2	3	1	1	2	2	2
Slovenia	0	2	3	1	1	2	3	2
Spain, Albacete	0	2	3	1	1	2	2	2
Spain, Asturias	0	2	3	1	1	2	2	2

Table 3.2. (Contd) Coding practices of the registries included in CI5 Volume X

Registry	Behaviour codes							
	Benign tumours of brain and nervous system	Carcinoma of bladder, in situ	Carcinoma of bladder, not otherwise specified	Ovarian cystadenoma of borderline malignancy	Borderline tumour of ovary	Ductal carcinoma of breast, in situ	Intraductal carcinoma of breast, not otherwise specified	Lobular carcinoma of breast, in situ
Spain, Basque Country	0	2	3	1	1	2	3	2
Spain, Canary Islands	0	2	1	1	1	2	2	2
Spain, Ciudad Real	0	2	3	1	1	2	2	2
Spain, Cuenca	0	2	3	1	1	2	2	2
Spain, Girona	0	2	3	1	1	2	2	2
Spain, Granada	0	2	3	1	1	2	2	2
Spain, La Rioja	0	2	3	1	1	2	2	2
Spain, Mallorca	0	2	1	1	1	2	2	2
Spain, Murcia	0	2	3	1	1	2	2	2
Spain, Navarra	0	2	1	1	1	2	2	2
Spain, Tarragona	0	2	3	1	1	2	2	2
Sweden	1	2	1	1	3	2	2	2
Switzerland, Basel	0	2	3	1	1	2	2	2
Switzerland, Geneva	0	2	3	1	1	2	2	2
Switzerland, Graubünden and Glarus	0	2	3	1	1	2	2	2
Switzerland, Neuchâtel	0	2	1	1	2	2	2	2
Switzerland, St Gall-Appenzell	0	2	3	1	1	2	2	2
Switzerland, Ticino	0	2	3	1	1	2	2	2
Switzerland, Valais	0	2	1	1	1	2	2	2
Switzerland, Vaud	0	2	1	1	1	2	2	2
Switzerland, Zurich	0	2	3	1	1	2	2	2
Ukraine	0	2	3	1	1	2	3	2
UK, England	0	2	3	1	1	2	2	2
UK, England, East of England Region	0	2	1	1	1	2	3	2
UK, England, North West	0	2	3	3	1	2	2	2
UK, England, Northern and Yorkshire	0	2	3	3	1	2	2	2
UK, England, Oxford Region	0	2	3	1	3	2	3	2
UK, England, South West	0	2	1	1	1	2	3	2
UK, England, Thames	0	2	3	1	1	2	2	2
UK, England, Trent	0	2	3	3	3	2	2	2
UK, England, West Midlands	0	2	1	3	1	2	2	2
UK, Northern Ireland	0	2	3	1	1	2	2	2
UK, Scotland	0	2	1	1	1	2	2	2
UK, Wales	0	2	3	3	1	2	2	2
Oceania								
Australia, Australian Capital Territory	0	2	1	1	1	2	2	2
Australia, New South Wales	0	2	3	1	1	2	3	2
Australia, Northern Territory	0	2	3	1	1	2	2	2
Australia, Queensland	0	2	3	1	1	2	2	2
Australia, South Australia	1	2	3	1	1	2	2	2
Australia, Tasmania	0	2	3	1	1	2	2	2
Australia, Victoria	0	2	3	1	1	2	2	2
Australia, Western Australia	0	2	3	1	1	2	2	2
New Zealand	0	2	3	1	1	2	2	2
USA, Hawaii	0	2	2	1	1	2	2	2

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Chapter 4: Histological groups

Jacques Ferlay and Brian Rous

BACKGROUND

The data presented in this volume of *Cancer Incidence in Five Continents* (CI5) are mainly organized by the predominantly site-based categories of Chapter II (Neoplasms) of the 10th revision of the *International Classification of Diseases* (ICD-10; WHO, 1992) (see Chapter 3 of this book). However, for some sites of cancer, the histological type is particularly relevant clinically and/or epidemiologically. In the present volume, the data are grouped according to histological types as originally defined in CI5 Volume IX (Curado et al., 2007) and listed in this chapter.

GENERAL STRUCTURE

The main structure of the histological grouping is that specific types of malignant neoplasms are listed, as well as the category "Unspecified malignant neoplasm" (i.e. malignant tumours that are so poorly differentiated that we are unable to classify them into major groups such as carcinoma or sarcoma). Neoplasms that have a specific morphology but are too rare to be listed among the major histological groups are grouped together in the category "Other specified malignant neoplasm". Similarly, in the category "Carcinoma", specific subtypes, such as "Squamous cell carcinoma" and "Adenocarcinoma", are listed, as well as "Unspecified carcinoma" (i.e. carcinomas that are so poorly differentiated that we are unable to classify them according to histological subtype, although it is still possible to distinguish them from non-epithelial malignant neoplasms such as sarcoma). Morphological codes are listed for the specific types of neoplasm (or carcinoma), and for "Unspecified malignant neoplasm" (or carcinoma). The remaining codes of neoplasia (or carcinoma) are then automatically assigned to the "Other specified malignant neoplasm" (or carcinoma) category.

SITES

For inclusion in CI5 as a distinct histological type within a site group, a type must be both sufficiently common at the site and clinically epidemiologically relevant. The following 15 organ sites are included in this chapter, with accompanying histological type information: oesophagus, anus, liver, lung, bone, skin, cervix uteri, corpus uteri, ovary, testis, kidney and renal pelvis, urinary bladder, eye, brain and central nervous system, and thyroid, as well as haematological malignancies. Some major cancer sites, such as breast and prostate, are not included, because most malignant neoplasms at these sites are adenocarcinomas, and the coding of adenocarcinoma subtypes is not consistent. Kidney was combined with renal pelvis because some urothelial carcinomas originating from the renal pelvis are site coded as kidney cancers, while others are coded as renal pelvis cancers. Hodgkin lymphoma and leukaemias are combined together in the haematological group.

TYPES OF NEOPLASMS INCLUDED

The CI5 Volume X data include all invasive malignant neoplasms and some non-invasive malignant neoplasms. For most morphology codes, a fifth digit of /1 or /2 automatically excludes data entry. Carcinoma in situ is reported by many cancer registries, but is not generally dealt with in this volume, with the exception of urothelial carcinoma in situ. A few lesions of borderline malignancy are included, such as low-grade non-invasive papillary transitional cell tumours, which are now designated as papillary urothelial neoplasia of low malignant potential (PUNLMP) (8130/1). Flat carcinoma in situ of the urothelium (8120/2) and PUNLMP (8130/1, 8130/2) have been grouped with transitional cell carcinoma in this volume. Because skin has been added to the sites, basal cell carcinoma is reported as a separate group, although many cancer registries do not have statistics on these tumours. Within the 15 organ sites presented, there are no cases of mesothelioma (ICD-O M905_), Kaposi sarcoma (9140), lymphoma, or leukaemia (9590–9989), as these cancers have their own specific ICD-10 codes and are presented separately in this volume.

MORPHOLOGY CODES

The grouping of morphology codes presents several difficulties. The ICD-O system is based on separate site (topography) and morphology (histology) codes that can be combined. Inevitably, in cancer registry data, morphology codes are sometimes mistakenly combined with codes for sites where these entities do not occur or have not been reported. Some morphology codes are redundant (i.e. multiple codes can be applied for the same tumour). Other codes are obsolete (i.e. the entities have been renamed or deleted in later revisions of tumour classifications). A major difficulty is the variation in coding precision (specific codes for tumour subtypes vs comprehensive codes for broad categories such as adenocarcinoma), which limits the utility of detailed codes. An example of this is kidney tumours. Renal cell carcinomas are often coded as

renal cell carcinoma, not otherwise specified (NOS) (8312) or adenocarcinoma, NOS (8140), while others are subtyped. Therefore, all carcinomas of the kidney are grouped together in this chapter.

Some cancer types occur in several organs but have different clinical behaviour depending on the site of origin. For most sites, adenosquamous carcinoma (8560) and mucoepidermoid carcinoma (8430) are included in the category "Other specified carcinoma". An exception is the corpus uteri (C54), where these are included in the category "Adenocarcinoma" because they are thought to have similar biology (Zaino and Kurman, 1988). Furthermore, squamous differentiation is very common in endometrioid carcinoma (8380–8383), which makes it difficult to differentiate between these tumours. Another example is metaplastic carcinoma (8575), which is generally included in the category "Other specified carcinoma". However, for the corpus uteri, it is included in the category "Other specified malignant neoplasm", because metaplastic carcinoma is considered equivalent to carcinosarcoma at this site (Silverberg et al., 1990).

The "Unspecified carcinoma" category includes tumours that are coded as carcinoma, NOS, but also some descriptive diagnoses of poorly differentiated cancers. These tumours can be recognized as carcinomas but are too undifferentiated to be further classified according to their histogenetic origin. This group generally includes the morphology codes 8010–8035. An exception is in the lung, where "Large cell carcinoma" is a separate category in the WHO classification, and includes 8010–8012, 8014–8031, and 8035 (Travis et al., 2004). The thyroid is another exception, where "Anaplastic carcinoma" is also a specific category in the WHO classification, and includes the morphology codes 8020–8035 (DeLellis et al., 2004).

Some tumours are evidently miscoded in cancer registry data, because their incidence is far higher than expected. Papillary carcinomas, NOS are listed in the category "Squamous cell neoplasm" in ICD-O-3 (Fritz et al., 2000). But most bladder tumours for which this code is used are probably miscoded urothelial carcinomas rather than papillary squamous cell carcinomas, and they are therefore included in the "Transitional cell carcinoma" category. In the thyroid, it can be assumed that carcinomas assigned the morphology code 8050 are actually papillary carcinomas of the thyroid, and they are therefore included in that category. In the kidney, it can be assumed that the majority of tumours with the morphology code 8050 are miscoded papillary renal cell carcinomas, and they are consequently included in the "Renal cell carcinoma" category.

OESOPHAGUS (C15)

The "Adenocarcinoma" category excludes linitis plastica (8142), which occurs in the gastric epithelium. The "Squamous cell carcinoma" category includes basaloid squamous cell carcinoma (8083). The principal cancers in the "Other specified carcinoma" category are large cell carcinoma (8012–8014) and small cell carcinoma (8041–8045). Melanoma and carcinosarcoma are included in the category "Other specified malignant neoplasm".

Table 4.1. Oesophagus (C15)

1 Carcinoma	**8010–8576**
1.1 Squamous cell carcinoma	8050–8078, 8083–8084
1.2 Adenocarcinoma	8140–8141, 8143–8145, 8190–8231, 8260–8263, 8310, 8401, 8480–8490, 8550–8551, 8570–8574, 8576
1.3 Other specified carcinoma	
1.4 Unspecified carcinoma	8010–8035
2 Sarcoma	**8800–8811, 8830, 8840–8921, 8990–8991, 9040–9044, 9120–9133, 9150, 9540–9581**
3 Other specified malignant neoplasm	
4 Unspecified malignant neoplasm	**8000–8005**

ANUS (C21)

The category "Squamous cell carcinoma" includes basaloid and cloacogenic carcinomas (8123–8124) and basaloid squamous cell carcinoma (8083). Cloacogenic carcinoma is a controversial entity, sometimes defined as carcinoma arising from the anal transition zone, and sometimes as a morphological variant of squamous cell carcinoma. The term "basaloid carcinoma" has also been used to designate this group of tumours. Their reported incidence is highly variable, possibly because of the confusing nomenclature. Hence, these tumour types are included in the category "Squamous cell carcinoma".

Table 4.2. Anus (C21)

1 Carcinoma	**8010–8576**
1.1 Squamous cell carcinoma	8050–8076, 8083–8084, 8123–8124
1.2 Adenocarcinoma	8140–8145, 8190–8231, 8260–8263, 8310, 8401, 8480–8490, 8550–8551, 8570–8574, 8576
1.3 Other specified carcinoma	
1.4 Unspecified carcinoma	8010–8011
2 Melanoma	**8720–8790**
3 Other specified malignant neoplasm	
4 Unspecified malignant neoplasm	**8000–8005**

LIVER (C22)

The category "Hepatocellular carcinoma" includes hepatoid carcinomas (8576), under the assumption that these are actually miscoded hepatocellular carcinomas. The category "Cholangiocarcinoma" encompasses all primary carcinomas of the liver of biliary epithelial type (i.e. it excludes hepatocellular carcinoma and combined hepatocellular and cholangiocarcinoma). Combined hepatocellular and cholangiocarcinoma (8180) is included in the "Other specified carcinoma" category, as are carcinoids.

Table 4.3. Liver (C22)

1 Carcinoma	**8010–8576**
1.1 Hepatocellular carcinoma	8170–8176
1.2 Cholangiocarcinoma (all intrahepatic biliary carcinomas, i.e. all primary adenocarcinomas)	8050, 8140–8141, 8160–8161, 8260, 8440, 8480–8500, 8570–8572
1.3 Other specified carcinoma	
1.4 Unspecified carcinoma	8010–8035
2 Hepatoblastoma	**8970**
3 Sarcoma	
3.1 Haemangiosarcoma	9120–9133, 9161
3.2 Other sarcomas	8800–8811, 8830, 8840–8921, 8990–8991, 9040–9044, 9150, 9170, 9540–9581
4 Other specified malignant neoplasm	
5 Unspecified malignant neoplasm	**8000–8005**

LUNG (C34)

One change has been made in the histological groupings for lung cancer since Volume IX: neuroendocrine carcinoma, NOS (M-8246/3), which had previously been included in the "Small cell carcinoma" category, is now classified under "Other specified carcinoma". The "Squamous cell carcinoma" category includes papillary carcinomas, NOS (8050), because these are listed under "Squamous cell neoplasm" in ICD-O-3. The category "Adenocarcinoma" includes bronchiolo-alveolar adenocarcinoma (8250–8254) but excludes adenoid cystic (8200), mucoepidermoid (8430), and adenosquamous (8560) carcinomas, which are instead included in the category "Other specified carcinoma". The category "Large cell carcinoma" includes cancers so described (8012), as well as other morphological variants of undifferentiated carcinomas (except those with neuroendocrine or spindle cell differentiation) and clear cell adenocarcinoma (8310). The category "Other specified carcinoma" includes non-small cell carcinoma (8046); carcinoid tumours (8240–8245); and adenoid cystic (8200), mucoepidermoid (8430), adenosquamous (8560), and large cell neuroendocrine (8013) carcinomas.

Table 4.4. Lung (C34)

1 Carcinoma	**8010–8576**
1.1 Squamous cell carcinoma	8050–8078, 8083–8084
1.2 Adenocarcinoma	8140, 8211, 8230–8231, 8250–8260, 8323, 8480–8490, 8550–8551, 8570–8574, 8576
1.3 Small cell carcinoma	8041–8045
1.4 Large cell carcinoma (including giant cell, clear cell and large cell undifferentiated carcinoma)	8010–8012, 8014–8031, 8035, 8310
1.5 Other specified carcinoma	
2 Sarcoma	**8800–8811, 8830, 8840–8921, 8990–8991, 9040–9044, 9120–9133, 9150, 9540–9581**
3 Other specified malignant neoplasm	
4 Unspecified malignant neoplasm	**8000–8005**

BONE (C40–C41)

The main categories are "Osteosarcoma", "Chondrosarcoma", and "Ewing sarcoma". These three groups encompass the same ICD-O entities as groups VIII A–C in the third edition of *International Classification of Childhood Cancer* (Steliarova-Foucher et al., 2005). The "Other specified sarcoma" category includes epithelioid sarcoma (8804), fibrosarcoma (8810–8812), malignant fibrous histiocytoma (8830), liposarcomas (8850–8858), angiosarcomas (9120–9133), and malignant giant cell tumours (9250). The "Other specified malignant neoplasm" category includes desmoplastic small round cell tumour (8806), mesenchymoma (8990), chordoma (9370–9372), adamantinomas (9261, 9310), and primitive neuroectodermal tumour (PNET) (9473).

Table 4.5. Bone (C40–C41)

1 Sarcoma	**8800–8921, 9040–9044, 9120–9133, 9150, 9180–9250, 9260, 9540–9581**
1.1 Osteosarcoma	9180–9200
1.2 Chondrosarcoma	9210–9243
1.3 Ewing sarcoma	9260
1.4 Other specified sarcoma	
1.5 Unspecified sarcoma	8800–8803, 8805
2 Other specified malignant neoplasm	
3 Unspecified malignant neoplasm	**8000–8005**

SKIN (C43–C44)

Basal cell carcinoma is registered and reported by several cancer registries, and has therefore been included.

Table 4.6. Skin (C43–C44)	
1 Carcinoma	**8010–8576**
1.1 Squamous cell carcinoma	8050–8078, 8083–8084
1.2 Basal cell carcinoma	8090–8098
1.3 Other specified carcinoma	
1.4 Unspecified carcinoma	8010–8035
2 Melanoma	**8720–8790**
3 Other specified malignant neoplasm	
4 Unspecified malignant neoplasm	**8000–8005**

CERVIX UTERI (C53)

Mucoepidermoid carcinoma (8430) and adenosquamous carcinoma (8560) are included in the category "Other specified carcinoma". The "Other specified malignant neoplasm" category includes Mullerian mixed tumour (8950), carcinosarcoma (8980), and melanoma (8720–8790). Malignant endometrioid adenofibroma (8381) is also classified as "Other specified malignant neoplasm".

Table 4.7. Cervix uteri (C53)	
1 Carcinoma	**8010–8380, 8382–8576**
1.1 Squamous cell carcinoma	8050–8078, 8083–8084
1.2 Adenocarcinoma	8140–8141, 8190–8211, 8230–8231, 8260–8263, 8310, 8380, 8382–8384, 8440–8490, 8570–8574, 8576
1.3 Other specified carcinoma	
1.4 Unspecified carcinoma	8010–8035
2 Sarcoma	**8800–8811, 8830, 8840–8921, 8990–8991, 9040–9044, 9120–9133, 9150, 9540–9581**
3 Other specified malignant neoplasm	
4 Unspecified malignant neoplasm	**8000–8005**

CORPUS UTERI (C54)

Squamous cell carcinomas are included in the category "Other specified carcinoma" because of their rarity at this site. Unlike for other sites, mucoepidermoid (8430) and adenosquamous (8569) carcinomas are included in the category "Adenocarcinoma", because squamous differentiation is very common in adenocarcinoma of the corpus uteri, and it is assumed that partial squamous differentiation does not change the behaviour of these neoplasms. Also, unlike for other sites, metaplastic carcinoma (8575) is included in the category "Other specified malignant neoplasm", because in the corpus uteri, metaplastic carcinoma of the endometrium has been equated with carcinosarcoma.

Table 4.8. Corpus uteri (C54)

1 Carcinoma	**8010–8574, 8576**
1.1 Adenocarcinoma (including mucoepidermoid and adenosquamous carcinoma)	8140–8141, 8190–8211, 8230–8231, 8260–8263, 8310, 8380, 8382–8384, 8430, 8440–8490, 8510, 8560, 8570–8574, 8576
1.2 Other specified carcinoma	
1.3 Unspecified carcinoma	8010–8035
2 Sarcoma	**8800–8811, 8830, 8840–8921, 8990-8991, 9040–9044, 9120–9133, 9150, 9540-9581**
3 Other specified malignant neoplasm	
4 Unspecified malignant neoplasm	**8000–8005**

OVARY (C56)

The first four carcinoma categories listed here correspond to malignant serous, mucinous, endometrioid, and clear cell tumours. Among the carcinomas not included in these four groups, there are various adenocarcinomas that cannot with certainty be allocated to any of the above groups, and are hence included in the category "Adenocarcinoma, NOS". This category also includes papillary adenocarcinoma (8260), cystadenocarcinoma (8440), and other variants of adenocarcinoma. Within the category "Adenocarcinoma, NOS", there are most likely a substantial number of tumours that actually belong to categories 1.1–1.4. Truly unclassified adenocarcinomas of the ovary are uncommon. Sex cord-stromal tumours have their own group. The category "Germ cell tumours" includes dysgerminomas, embryonal carcinomas, and teratomas, as well as the rare carcinoid tumours of the ovary, and the very rare gonadoblastomas. Lipid cell tumours, malignant Brenner tumours, and sarcomas are very rare and are consigned to the category "Other specified malignant neoplasm".

Table 4.9. Ovary (C56)

1 Carcinoma	**8010–8231, 8246–8576, 9014–9015, 9110**
1.1 Serous carcinoma	8441, 8460–8463, 9014
1.2 Mucinous carcinoma	8470–8490, 9015
1.3 Endometrioid carcinoma	8380–8383, 8560, 8570
1.4 Clear cell carcinoma	8310–8313, 9110
1.5 Adenocarcinoma, NOS	8140–8147, 8170–8190, 8211–8231, 8260, 8384, 8440, 8576
1.6 Other specified carcinoma	
1.7 Unspecified carcinoma	8010–8035
2 Sex cord-stromal tumours	**8590–8671**
3 Germ cell tumours	**8240–8245, 9060–9102**
4 Other specified malignant neoplasm (including Mullerian mixed tumour, carcinosarcoma)	
5 Unspecified malignant neoplasm	**8000–8005**

TESTIS (C62)

Spermatocytic seminoma has a more favourable prognosis than does seminoma, and these tumours should not be grouped together. Embryonal carcinoma, malignant teratoma, yolk sac tumour, choriocarcinoma, and mixed germ cell tumours are included in the category "Non-seminomatous germ cell tumours". Sex cord-stromal tumours are included in the category "Other specified malignant neoplasm".

Table 4.10. Testis (C62)

1 Germ cell tumours	**9060–9102**
1.1 Seminoma	9060–9062, 9064
1.2 Spermatocytic seminoma	9063
1.3 Non-seminomatous germ cell tumours	9065–9102
2 Other specified malignant neoplasm	
3 Unspecified malignant neoplasm	**8000–8005**

KIDNEY (C64) AND RENAL PELVIS (C65)

There are several major difficulties with the histological grouping of kidney tumours. Transitional cell and squamous carcinomas in the kidney usually originate from the renal pelvis, although it may be difficult to trace the origin of the tumour. It can be assumed that some of these are site coded kidney (C64) and others renal pelvis (C65). Hence, these two sites are now grouped.

Renal cell carcinomas have recently undergone a reclassification based on molecular, cytogenetic, morphological, and clinical data. However, a substantial portion of these tumours are coded as renal cell carcinoma, NOS (8312) or adenocarcinoma, NOS (8140), while others are subtyped. Therefore, the "Renal cell carcinoma" category includes adenocarcinoma, NOS (8140), specific subtypes of renal cell carcinoma, and also obsolete entities such as granular cell carcinoma (8320). Papillary carcinoma, NOS (8050) is listed under "Squamous cell neoplasm" in ICD-O-3. When this code is used for renal tumours, it is probably most often a miscoding of papillary renal carcinoma, and it is therefore included in the "Renal cell carcinoma" category as well.

Table 4.11. Kidney (C64) and renal pelvis (C65)

1 Carcinoma	**8010–8576**
1.1 Squamous, transitional cell carcinoma	8051–8084, 8120–8122, 8130–8131
1.2 Renal cell carcinoma	8050, 8140, 8260, 8270, 8280–8312, 8316–8320, 8340–8344
1.3 Other specified carcinoma	
1.4 Unspecified carcinoma	8010–8035
2 Other specified malignant neoplasm	
3 Unspecified malignant neoplasm	**8000–8005**

URINARY BLADDER (C67)

The classification of urinary bladder tumours has undergone several revisions in recent years. Some low-grade papillary transitional cell tumours are now designated as PUNLMP (8130/1). To enable longitudinal comparisons, flat carcinoma in situ (8120/2) and PUNLMP (8130/1, 8130/2) have been included in the category "Transitional cell carcinoma".

Papillary carcinomas, NOS (8050) are listed under "Squamous cell neoplasm" in ICD-O-3. But when this code is used for bladder tumours, it is probably most often a miscoding of transitional cell carcinoma, and it is therefore included in the "Transitional cell carcinoma" category. Pheochromocytoma, malignant paraganglioma, melanoma, and carcinosarcoma are included in the "Other specified malignant neoplasm" category.

Table 4.12. Urinary bladder (C67)

1 Carcinoma	**8010–8576**
1.1 Squamous cell carcinoma	8051–8078, 8083–8084
1.2 Transitional cell carcinoma (including transitional cell carcinoma with squamous and/or glandular differentiation)	8050, 8120–8122, 8130–8131
1.3 Adenocarcinoma	8140–8145, 8190–8231, 8260–8263, 8310, 8401, 8480–8490, 8550–8551, 8570–8574, 8576
1.4 Other specified carcinoma	
1.5 Unspecified carcinoma	8010–8035
2 Sarcoma	**8800–8811, 8830, 8840–8921, 8990–8991, 9040–9044, 9120–9133, 9150, 9540–9581**
3 Other specified malignant neoplasm	
4 Unspecified malignant neoplasm	**8000–8005**

EYE (C69)

The principal eye cancers – retinoblastoma and malignant melanoma – form two categories. The carcinomas are divided into three subgroups: "Squamous cell carcinoma" (70% of the carcinomas, principally tumours of the conjunctiva and cornea), "Other specified carcinoma" (14.6% of the carcinomas, comprising almost entirely adenocarcinomas and mainly originating in the lacrimal gland and duct), and "Unspecified carcinoma". Squamous cell carcinomas that are site coded for the eye (C69) probably include some cancers that originate in the skin (C44) of the eyelids.

Table 4.13. Eye (C69)

1 Retinoblastoma	**9510–9513**
2 Malignant melanoma	**8720–8790**
3 Carcinoma	**8010–8576**
3.1 Squamous cell carcinoma	8050–8078, 8083–8084
3.2 Other specified carcinoma	
3.3 Unspecified carcinoma	8010–8035
4 Sarcoma	**8800–8811, 8830, 8840–8921, 8990–8991, 9040–9044, 9120–9133, 9150, 9540–9581**
5 Other specified malignant neoplasm	
6 Unspecified malignant neoplasm	**8000–8005**

BRAIN AND CENTRAL NERVOUS SYSTEM (C71–C72)

These categories are based on those of the WHO *Pathology and Genetics of Tumours of the Nervous System* classification (Kleihues and Cavenee, 1997). Atypical teratoid/rhabdoid tumour (9508) is included in the "Embryonal tumours" category. The "Other neuroepithelial tumours" category includes olfactory, pineal, and some pituitary tumours, such as craniopharyngioma (9350–9352); pinealoma, pineocytoma, and pineoblastoma (9360–9362); and olfactory neuroepitheliomatous neoplasms (9520–9523). The term "pinealoma" (9360) encompasses pineocytoma (9361) and pineoblastoma (9362). Lymphomas and haematopoietic neoplasms are not included.

Table 4.14. Brain and central nervous system (C71–C72)

1 Tumours of neuroepithelial tissue	**8680, 9350–9362, 9380–9508, 9520–9523**
1.1 Gliomas	9380–9384, 9391–9460
1.1.1 Astrocytic tumours	9384, 9400–9421, 9424, 9440–9442
1.1.2 Oligodendroglial tumours and mixed gliomas	9382, 9450–9451
1.1.3 Ependymal tumours	9383, 9391–9394
1.1.4 Gliomas, others	9380–9381, 9423, 9430, 9444, 9460
1.2 Embryonal tumours	9470–9474, 9490, 9500–9504, 9508
1.2.1 Medulloblastoma	9470–9472, 9474
1.2.2 Other	9473, 9490, 9500–9504, 9508
1.3 Other neuroepithelial tumours	
2 Other specified malignant neoplasm	
3 Unspecified malignant neoplasm	**8000–8005**

THYROID (C73)

Follicular and papillary carcinomas constitute the majority of thyroid cancers. The "Papillary carcinoma" category includes follicular carcinomas with a papillary component (8340). It is assumed that most cases of papillary squamous carcinoma (8050) are actually papillary carcinomas, and they are therefore included in this category as well. "Minimally invasive follicular carcinoma" (8335) is a new code in ICD-O-3, and is included in the category "Follicular carcinoma".

Squamous carcinoma is no longer recognized as a major histological type in the WHO classification, and it is therefore included in the category "Other specified carcinoma".

"Anaplastic carcinoma" (encompassing undifferentiated, giant cell, and spindle cell carcinomas) is a separate category from "Unspecified carcinoma". Poorly differentiated carcinoma is a controversial entity and has been classified under "Anaplastic carcinoma". Small cell carcinoma (8040–8045) is specifically excluded, since the great majority of tumours previously so diagnosed are in fact lymphomas.

Insular thyroid carcinoma (8337) is a distinctive clinicopathological entity that has been included in the "Other specified carcinoma" category. Mixed medullary-follicular carcinoma (8346) and mixed medullary-papillary carcinoma (8347) are also included in this category.

Table 4.15. Thyroid (C73)

1 Carcinoma	**8010–8576**
1.1 Follicular carcinoma	8290, 8330–8335
1.2 Papillary carcinoma	8050, 8260, 8340–8344, 8350, 8450–8460
1.3 Medullary carcinoma	8345, 8510–8513
1.4 Anaplastic carcinoma	8020–8035
1.5 Other specified carcinoma	
1.6 Unspecified carcinoma	8010–8015
2 Sarcoma	**8800–8811, 8830, 8840–8921, 8990–8991, 9040–9044, 9120–9133, 9150, 9540–9581**
3 Other specified malignant neoplasm	
4 Unspecified malignant neoplasm	**8000–8005**

HAEMATOPOIETIC AND LYMPHOID TISSUES (9590–9989)

Hodgkin lymphoma has been reclassified, and the previous category "Lymphocytic predominance" (9657–9659, 9660) has been replaced by the new categories "Nodular lymphocytic predominance" (9659) and "Classical lymphocyte-rich" (9651). The category "Non-Hodgkin lymphoma NOS" is used because some cancer registries lack sufficiently specific data for lineage-based classification.

Table 4.16. Haematopoietic and lymphoid tissues (9590–9989)

1 Hodgkin lymphoma	**9650–9667**
1.1 Nodular lymphocytic predominance	9659
1.2 Classical lymphocyte-rich	9651
1.3 Nodular sclerosis	9663–9667
1.4 Mixed cellularity	9652
1.5 Lymphocytic depletion	9653–9655
1.6 Unspecified	
2 B-cell neoplasms	**9670–9699, 9728, 9731–9734, 9761–9764, 9823–9826, 9833, 9836, 9940**
3 T-cell and NK-cell neoplasms	**9700–9719, 9729, 9827–9831, 9834, 9837, 9948**
4 Myeloid neoplasms	**9840, 9860–9931, 9945–9946, 9950, 9960–9964, 9975, 9980–9989**
5 Non-Hodgkin lymphoma NOS	**9591**
6 Other specified malignant neoplasms	
7 Unspecified malignant neoplasms	**9590, 9596, 9727, 9760, 9800–9801, 9805, 9820, 9832, 9835**

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Chapter 5: Data comparability and quality

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INTRODUCTION

The value of any cancer registry relies heavily on the underlying quality of its data and the quality control procedures it has in place; the primary function of *Cancer Incidence in Five Continents* (CI5) is to enable the comparison of cancer incidence rates across different populations worldwide. In the evaluation of registered cases, three dimensions of quality are assessed to ensure that registry submissions to this volume meet a sufficiently high standard for inclusion.

Comparability is the extent to which a registry's coding and classification procedures and definitions adhere to established international standards and guidelines. The definition of an incident case is especially important in evaluating comparability.

Completeness is the degree to which all diagnosed neoplasms within a registry's catchment population are included in the registry database. Several methods can be used to evaluate the level of completeness of the enumeration of cases within a catchment population.

Validity (or accuracy) is the proportion of cases recorded as having a given characteristic that truly do have that attribute. Several indicators of validity relate to the precision of a registry's source documents and the level of expertise in abstracting, coding, and recoding cases.

The preparation and evaluation of the indices of data quality for CI5 requires careful attention from the volume editors, to ensure that all accepted datasets are of sufficiently high quality to merit their inclusion in the volume. The editorial procedures used to conduct a transparent and impartial evaluation of each submitted dataset are outlined in this chapter.

ELEMENTS OF THE EVALUATION

The practical aspects and techniques of evaluating cancer registry data quality have been examined in a two-part review (Bray and Parkin, 2009; Parkin and Bray, 2009), and were briefly described – with an emphasis on low- and middle-income settings – in the recent IARC Technical Publication No. 43: *Planning and Developing Population-based Cancer Registration in Low- and Middle-income Settings* (Bray et al., 2014). The editorial board of CI5 Volume X sought to comprehensively assess data quality on the basis of the indicators of comparability, completeness, and validity reported in these publications. The board refrained, however, from applying the more rigidly defined evaluations and groupings (based on ranges of acceptability) that were introduced in Volume IX (Curado et al., 2007). Although there was some value in developing quality thresholds to enhance the transparency of the editorial process, an undesirable consequence was the automatic exclusion of certain registries on the basis of a low or high value for a single indicator, without further assessment. More in keeping with the approach taken in Volume VIII (Parkin et al., 2002), readers can examine and form their own opinions on the quality of individual datasets by reviewing the accompanying comparative tabulations and graphics, just as the editors have done in compiling the information. These tables and figures serve as a guide to evaluating registries' adherence to the standard definitions and recommendations, and the completeness and validity of their data.

The editors carried out an extensive process of verifying coding, identifying duplicate registrations, querying unlikely or impossible combinations of codes, and converting the data to a standard format before formal editorial consideration. At the editorial board's meetings, the editors consulted a series of pre-assembled registry-specific tables and other documentation:

- a set of editorial tables (see the examples at the end of this chapter, generated using a hypothetical 2003–2007 dataset for a fictional registration area called Erewhon);
- tables of site-specific case numbers, age-specific rates, and summary rates (crude, cumulative, and age-standardized), as presented in this volume;
- the populations at risk by sex and age, including the source or method of estimation used (where applicable), and a comparison with the previous 5-year population data (where available), as presented in this volume; and
- the completed questionnaires, including responses related to the definitions used by each registry.

This review process was routinely applied to the evaluation of most of the 521 datasets submitted, but the increasing number of registries submitting data (including many new registries submitting for the first time) also warranted additional comparative overviews of key quality indicators across registries by region and country. As in previous volumes, asterisks are used to denote datasets for which particular consideration is required in interpreting the numerical results for some or all cancer sites (see the *Notes on the datasets* section later in this chapter).

COMPARABILITY

Determining the extent of the comparability of a cancer dataset requires consideration of the registry's procedures, including the standards and definitions used in registration. In the preparation of this volume, the editorial team particularly focused on the following procedural aspects:

- the system used for classifying and coding neoplasms;
- the definition of incidence – what constitutes a cancer case, the definition of date of incidence, and the rules for dealing with multiple primaries (i.e. for distinguishing new cases of primary cancer from extensions, recurrences, or metastases of existing cases); and
- the registration of cancers detected in asymptomatic individuals.

International standards for the classification and coding of neoplasms

The registries were asked to submit their data coded according to the third edition of the *International Classification of Diseases for Oncology* (ICD-O-3) (Fritz et al., 2000), as well as to verify (and if necessary, to correct) their data before submission. Coding from other systems can be converted to ICD-O-3 using software such as IARCcrgTools (Ferlay et al., 2005).

ICD-O-3 provides a standardized system for coding the following aspects of disease classification:

- **topography:** the anatomical location (body site) of the tumour;
- **morphology:** the microscopic appearance and cellular origin of the tumour;
- **behaviour:** the classification of the tumour as malignant, benign, in situ, or of uncertain behaviour;
- **grade:** the extent of differentiation of the tumour; and
- **basis of diagnosis:** the method of diagnosis used.

Definition of incidence

The CI5 Volume X call for data specifically requested the submission of data on all primary tumours, including data (if collected) on basal and squamous cell skin cancers and non-malignant tumours of the central nervous system and urinary bladder. The rules for determining incidence date and multiple primaries are briefly described below.

Incidence date: Because the period from the occurrence of the first mutation to the clinical diagnosis of cancer often spans decades, a standardized definition of cancer is needed for determining whether to register a case and establishing the precise date when the disease became incident. Incidence dates are commonly defined using a hierarchical set of rules from one of three available algorithms, published by IARC (Jensen et al., 1991), the European Network of Cancer Registries (ENCR) (Pheby et al., 1997), and the SEER Program (Johnson et al., 2007). The registries were asked to state whether one of these algorithms or other, in-house rules were applied.

Multiple primaries: Because an individual may develop more than one cancer, there must be a clear distinction between new cases (to be counted as incident cancers) and cases that are actually extensions, recurrences, or metastases of an existing cancer. There are two sets of rules commonly used by cancer registries for this purpose. The SEER rules (Johnson et al., 2007) are used mainly by cancer registries in North America, whereas the jointly developed IARC/IACR rules (IARC, 2004) tend to be used throughout the rest of the world, at least for the purpose of reporting incidence rates.

The SEER rules result in somewhat higher incidence rates because they allow for the occurrence of multiple incident cancers at the same body site, providing the new case occurs 2 months to 5 years (depending on the site) after an earlier diagnosis, whereas the IARC/IACR rules allow for only one cancer per body site during a patient's lifetime, unless there are multiple cancers of different histological types. The SEER rules also recognize new cases at different subsites of the same organ (e.g. the colon and the skin) or on opposite sides of the body (for paired organs).

Links to these rules were provided to all contributors to this volume. The registries were asked to include all multiple primary tumours in their submitted datasets for the time period covered (2003–2007) and to state which set of rules was used to define new primary cancers, and whether these could be distinguished from subsequent primaries that occur in the same person. The sites at which varying definitions of multiple primaries are likely to have the largest effect on incidence rates are listed in Table 5.1, along with the percentage differences in incidence at these sites (among a subset of SEER registries in the USA) using the SEER definition of a second primary (Johnson et al., 2007) versus the IARC/IACR rules.

Registration of cancers in asymptomatic individuals

Incidental diagnosis is the incidental detection of cancer in an asymptomatic individual (e.g. upon microscopic examination of tissue that has been removed for a reason unrelated to cancer). The incidental diagnosis of cancer occurs with particular frequency as a result of screening examinations and at autopsy.

Screen-detected cancers

When a screening programme is introduced within a population, cancer incidence rates increase, because the programme identifies prevalent cancers that are detectable by the screening test but have not yet progressed to the stage where they begin to cause symptoms. After the initial rounds of screening, these prevalent cases have all been detected, so the incidence rate decreases, but usually not all the way to the pre-screening level, due to some degree of overdiagnosis. This phenomenon occurs when cases are detected that would otherwise not have been diagnosed during a person's lifetime, either because the cancer was so slow-growing that the individual would have died of another cause before the cancer was detected, or because the cancer was non-progressive and would never actually have become invasive. These cancers are sometimes called pseudodisease. Overdiagnosis can occur as a

Table 5.1. The percentage difference in crude and age-standardized incidence rates (at selected body sites) within the SEER (9 registries) 2003–2007 dataset when determined using the SEER rules for multiple primary tumours versus the IARC/IACR rules (2004)

Body site	Difference in incidence rates using the SEER rules vs the IARC/IACR rules (%)			
	Males		Females	
	Crude	Age-standardized	Crude	Age-standardized
Colon	4.5	4.2	4.5	3.7
Lung	1.7	1.7	1.9	1.9
Skin (melanoma only)	9.0	8.4	5.4	4.9
Breast	–	–	8.7	8.0
Testis	2.1	2.0	–	–
Kidney	2.8	2.9	2.1	2.2
All sites except skin	1.6	1.4	3.0	2.8

consequence of breast cancer screening, and it is even more common in prostate cancer screening. In both cases, screening (by mammography for breast cancer or by prostate-specific antigen [PSA] testing for prostate cancer) identifies small, slow-growing, latent tumours. Although many of these tumours would never have progressed to clinically significant cancer during the patient's lifetime, it is currently impossible to predict which of them will. Incidence rates are therefore elevated in screened populations. Mammography screening programmes typically target women within the age range of 50–74 years. Men may undergo PSA testing at any age, but it is more common among men aged more than 50 years.

Almost all cancer registries include malignant tumours that are detected during screening programmes or diagnosed on the basis of histological specimens taken from asymptomatic individuals in whom there was no clinical suspicion of cancer. The inclusion of these cases is likely to increase incidence rates, since at least some of the malignant cells identified in these ways would never have resulted in a clinical cancer diagnosis had they otherwise remained undetected.

Autopsy-detected cancers

Most cancer registries include cases identified during necropsy examinations of subjects in whom cancer had not been diagnosed (or perhaps even suspected) during life. The extent of the resulting inflation of incidence rates depends on the prevalence of necropsy examinations within the population. The impact is greatest in countries and regions with legislation that permits autopsies to be conducted for medical, scientific, or educational purposes without consent. However, such practices have generally been declining in most countries over recent decades.

Application of international standards in low- and middle-income settings

Cancer registries operating in low- and middle-income settings may face particular challenges to following international registration standards (Bray et al., 2014). For example, a lack of coverage by pathology laboratories or difficulty accessing diagnosis records reduces the percentage of microscopically verified cases, and results in postponement of the incidence date as determined according to the ENCR recommendations, which define the incidence date as the date of first histological or cytological confirmation of malignancy.

COMPLETENESS

Completeness – the extent to which all of the incident cancers occurring in the population are included in the registry database – is a very important aspect of data quality. The incidence rates calculated from registry data most closely approximate their true values within the population when maximum completeness is achieved (through the use of comprehensive case-finding procedures). The methods used in the editorial process for this volume to evaluate overall completeness are semiquantitative, in that they provide an indication of the degree of completeness of a given registry's database relative to those of other registries or over time.

The indices of completeness evaluated during the editorial process can be grouped into four categories:

- historical data:
  - the stability of incidence rates (the number of new cases) over time
  - a comparison of incidence rates in different populations
  - age-specific incidence curves
  - childhood cancer incidence rates;
- the proportion of cases microscopically verified (MV%);
- the mortality-to-incidence (M:I) ratio; and
- death certificate methods.

Duplicate registration of the same case should be avoided through careful attention to record linkage during the registration process. Because the datasets submitted for this volume contained individual anonymous patient identification numbers, it was possible for the editors to check for duplicates (and multiple primaries) according to the IARC/IACR rules (IARC, 2004). However, it was not possible to check for duplicates within a dataset using other data items,

which could only be assessed by the individual registries before submission.

Regional comparisons

For several of the quantitative indices described below, a comparison with standard values was performed. In most cases, the standard used for comparison was the values from cancer registries in the same region (or by country when the number of high-quality registries was sufficient), using the data published in the previous two volumes of CI5. Diagnostic practices (especially with respect to histology and cytology) and the accuracy of recording the underlying cause of death on death certificates vary between populations and regions, but it is reasonable to assume that the incidence rates for specific cancers will tend to be relatively similar in datasets from the same region. In total, 25 regions (or countries) were defined for the purpose of calculating the standard values used to support editorial decisions (see Table 5.2). For each regional group of registries, the data from CI5 Volumes VIII and IX were used to calculate the mean and variance of the site-specific age-standardized incidence rates, the MV%, and the M:I ratios. Tables listing some of the standard values of MV%, M:I ratio, and age-standardized rate per 100 000 (ASR) that were used in the CI5 editorial process (i.e. those calculated for low- or middle-income countries and regions) are provided in Annex 2 of IARC Technical Publication No. 43 (Bray et al., 2014).

Ad hoc tables were used to identify unusually high or low incidence rates in specific regions – both for all sites combined and for certain major cancers. This helped the editors to assess completeness, by allowing them to identify outliers or unusual patterns.

Historical data

Stability of the incidence rates (the number of new cases) over time

Changes in the completeness of registration may lead to the appearance of unexpected or implausible incidence trends within a registry's dataset. Therefore, one of the key CI5 editorial tables (see Editorial table 1 at the end of this chapter) lists the number of new cases registered by site per calendar year (and the corresponding percentage of the total number of cases), broken down by sex, with an accompanying bar chart that provides a visual check of the amount of variation in the total numbers of cases per year (at all sites and in both sexes) over the time period covered.

Table 5.2. The regions defined for calculating standard values of age-standardized incidence rates, proportions of cases microscopically verified (MV%), and mortality-to-incidence (M:I) ratios

		Number of registries in the region
Africa	Sub-Saharan Africa	4
	North Africa and West Asia	10
Central and South America	Central America and the Caribbean	4
	Brazil	5
	South America (excluding Brazil)	12
North America	Canada	10
	USA	13
Asia	China	11
	India	9
	Japan	7
	Republic of Korea	8
	Thailand	5
	Other countries in East Asia	7
Europe	Eastern Europe	7
	United Kingdom	12
	Northern Europe	8
	Italy	22
	Spain	11
	South-eastern Europe	8
	France	11
	Germany	7
	Switzerland	7
	Other countries in western Europe	6
Oceania	Australia and New Zealand	9
	Oceania (excluding Australia and New Zealand)	3

At the bottom of each bar, a percentage value indicates how many cases were registered that year relative to the highest number of cases registered in any single year of the covered period. In some cases, this visual check may suggest potential problems with the registration process (or the source population data) during the registration period.

Another editorial table (see Editorial table 3 at the end of this chapter), which is generated separately for males and females, presents average annual incidence rates (per 100 000 person-years) by site and age group, as well as summary rates. This table also includes a column (with the heading *CHV9*) that lists the estimated annual percentage change in the incidence rates since Volume IX of CI5, and the changes that are statistically significant are shown in bold. This comparison of the Volume IX and Volume X data, and other comparisons that were performed as part of the editorial process, are described in the *Statistical tests* section later in this chapter. Changes in incidence rates over time that are larger than expected (and that cannot be attributed to discrepancies in the estimation of person-years at risk) suggest the possibility of changes in the completeness of case ascertainment.

Comparison of incidence rates in different populations
The possibility of incomplete registration is also investigated by comparing observed incidence rates with expected values calculated using data from registries in the same region, and another editorial table is generated for this purpose (see Editorial table 4 at the end of this chapter). This table presents the age-standardized incidence rates (and their standard errors) for 21 sites (and the total for all sites) in males and females, along with the ratio of the observed value to the expected value (O/E). If the observed age-standardized rate is significantly different from the expected value for the corresponding country or region, the O/E is shown in bold and flagged with a greater-than symbol (>) if the value is higher than expected or a less-than symbol (<) if the value is lower than expected. This comparison and others that were performed as part of the editorial process are described in the *Statistical tests* section later in this chapter. In addition to consulting this editorial table, the editors also frequently compared ad hoc tabulations from registries covering geographically or ethnically similar populations. In some cases, deviation from regional standards may be the result of specific local variations in the prevalence and distribution of risk factors, or in the presence or intensity of screening for certain cancers, but systematic discrepancies (i.e. those seen for several different sites) suggest the possibility of underregistration (or overregistration – e.g. due to the inclusion of duplicate records).

Age-specific incidence curves
As part of the editorial process, age-specific incidence (per 100 000 person-years) curves for 12 sites by sex (see Editorial table 2 at the end of this chapter) were generated and examined to detect any abnormal fluctuations in the anticipated patterns, such as an unexpected drop in the rate of increase in incidence in older age groups, which may be indicative of underascertainment within these groups (although there can also be other explanations). These curves can also reveal problems with the source files used to determine the size of the populations at risk in the various age groups (see also the *Population* section later in this chapter).

Childhood cancer incidence rates
The incidence rates of cancer (all types combined) within children (i.e. within the age groups 0–4 years, 5–9 years, and 10–14 years) tend to exhibit much less variability than do the incidence rates of cancer in adults, although there are some well-documented geographical and ethnic differences for certain childhood cancers. The possibility of underenumeration (and duplicate registration) in this age range within the Volume X data was investigated by comparing incidence rates within the childhood age groups with the corresponding values from Volume IX. The lowest and highest deciles of incidence rates of childhood cancer in the Volume IX data are shown in Table 5.3.

Proportion of cases microscopically verified (MV%)
The MV% is the percentage of cases that were diagnosed on the basis of microscopic verification of a tissue specimen (sometimes also called morphological verification – the two terms are synonymous). The definition of microscopically verified cases includes histologically confirmed cases, cases diagnosed on the basis of exfoliative cytology specimens, and cases of leukaemia diagnosed on the basis of haematological examination (without examination of bone marrow). The main use of MV% as an indicator of data quality is as a measure of validity (see the *Validity* section later in this chapter), but a very high proportion of cases diagnosed by histology, cytology, or haematology – higher than might reasonably be expected – may also

Table 5.3. The lowest and highest deciles of incidence rates (per million) of childhood cancer in Volume IX

Age group (years)	Boys		Girls	
	Lowest	Highest	Lowest	Highest
0–4	< 13.7	> 25.6	< 11.3	> 23.2
5–9	< 8.9	> 16.5	< 7.0	> 12.7
10–14	< 9.2	> 16.3	< 7.9	> 14.9

suggest that a registry is overreliant on pathology laboratories as a source of information and is failing to find cases diagnosed by other means. One of the editorial tables discussed earlier in this chapter (see Editorial table 4 at the end of the chapter) also includes a column showing observed MV% values for 21 sites (and the total of all sites) in males and females. In this MV% column, any observed values that are significantly greater than or less than the expected value (an average for the corresponding country or region) are shown in bold and flagged with a greater-than symbol (>) or a less-than symbol (<), respectively. This comparison is also described in the *Statistical tests* section later in this chapter.

Mortality-to-incidence (M:I) ratio

The M:I ratio is an important indicator of completeness, and its use for this purpose is an example of the independent case ascertainment method of evaluating registry completeness. The M:I ratio compares the number of deaths due to a specific type of cancer over a specific period of time (obtained from a source that is independent of the registry – usually the vital statistics system) with the number of new cases of that type of cancer registered during the same period. When the quality of the mortality data is good (especially in terms of the accuracy of cause of death) and incidence and survival are in steady state, the M:I ratio is approximated by 1 minus the 5-year survival probability. Because both survival and the quality of mortality statistics are somewhat related to the level of socioeconomic development, it is important to consider a registry's geographical location when evaluating this statistic. As part of the CI5 editorial process, the observed M:I ratios for registries' datasets were compared to standard values from the same region, testing for significant differences (see the *Statistical tests* section later in this chapter). Editorial table 4 (at the end of this chapter) includes a column showing observed M:I ratios for 21 sites (and the total of all sites) in males and females. Within this column, any observed values that are significantly greater than or less than expected (based on the average regional values from Volume IX) are shown in bold and flagged with a greater-than symbol (>) or a less-than symbol (<), respectively.

M:I ratios that are higher than expected raise suspicion of incompleteness (i.e. incident cancers missed by the registry), especially if the values are high for several different sites. However, under- or overreporting of tumours on the death certificates distorts this relationship, as does a lack of constancy in incidence and case fatality (the rate of death among incident cases) over time. For example, if incidence increases while case fatality (or survival) remains relatively constant, the M:I ratio tends to be less than (1 minus survival); conversely, if incidence decreases relative to case fatality, the M:I ratio is greater than (1 minus survival), and may even exceed a value of 1 for more lethal cancers.

The use of this method requires mortality data that are of good quality, especially in terms of the accuracy of cause of death. This method cannot be used where there is no comprehensive death registration, or when cause of death is missing or inaccurate on death certificates, which is the situation in almost all countries in Africa and many countries in Asia.

Death certificate methods of evaluating completeness

Access to death certificates is important to cancer registries as a means of finding cases not captured by other registration procedures. The completeness of registration may be evaluated on the basis of the proportion of incident cancers that come to the registry's attention via death certificates. Fig. 5.1 illustrates the process of registering new cases using death certificates that mention cancer.

A cancer registry's record linkage procedures should enable the registry to accurately determine whether a death certificate case is already in the database (i.e. previously notified by and registered from another source). A death-certificate-notified (DCN) case is any case first notified by a death certificate. For some DCN cases, the registry later receives a separate notification (without needing to initiate trace-back procedures), and the case is consequently registered from this non-death-certificate source. Because it is possible (depending on registry procedures) for a death certificate mentioning cancer to be received before other relevant notifications (e.g. a pathology report), it has been suggested that registries should establish a suitable interval between receiving a first notification by death certificate and initiating a registration on the basis of this information. If no other notifications are received after this interval, trace-back procedures are initiated. Some cases that are successfully traced back may be found not to be cancers, and are therefore not registered. The remaining cases are classified as death-certificate-initiated (DCI) cases, of which there are two types: (1) successfully traced cases found to be cancers, which are consequently registered from the appropriate source, and (2) cases for which no information source other than a death certificate mentioning cancer can be found, which are consequently registered as death-certificate-only (DCO) cases.

DCO cases represent the residuum of the trace-back process; they are the remaining DCN cases for which no other information source could be obtained through any of the registry's trace-back procedures. By itself, therefore, the proportion of DCO cases (DCO%) is not an indicator of completeness of registration; a low DCO% may indicate efficient case finding or may result from the efficient trace-back of DCN cases. However, the proportion of DCI cases (DCI%) is always greater than or equal to the DCO% (see Editorial table 4 at the end of this chapter), so an elevated DCO% is suggestive of incompleteness.

Like other indicators, the DCO% must be interpreted in the context of local circumstances. In some developing countries, the quality of death certificates may be very poor, with many deaths erroneously attributed to cancer, and registries may have difficulty tracing these notifications back to a hospital capable of confirming (or contradicting) the death certificate statement.

Because death certificate methods rely on the availability of relatively high-quality (complete and

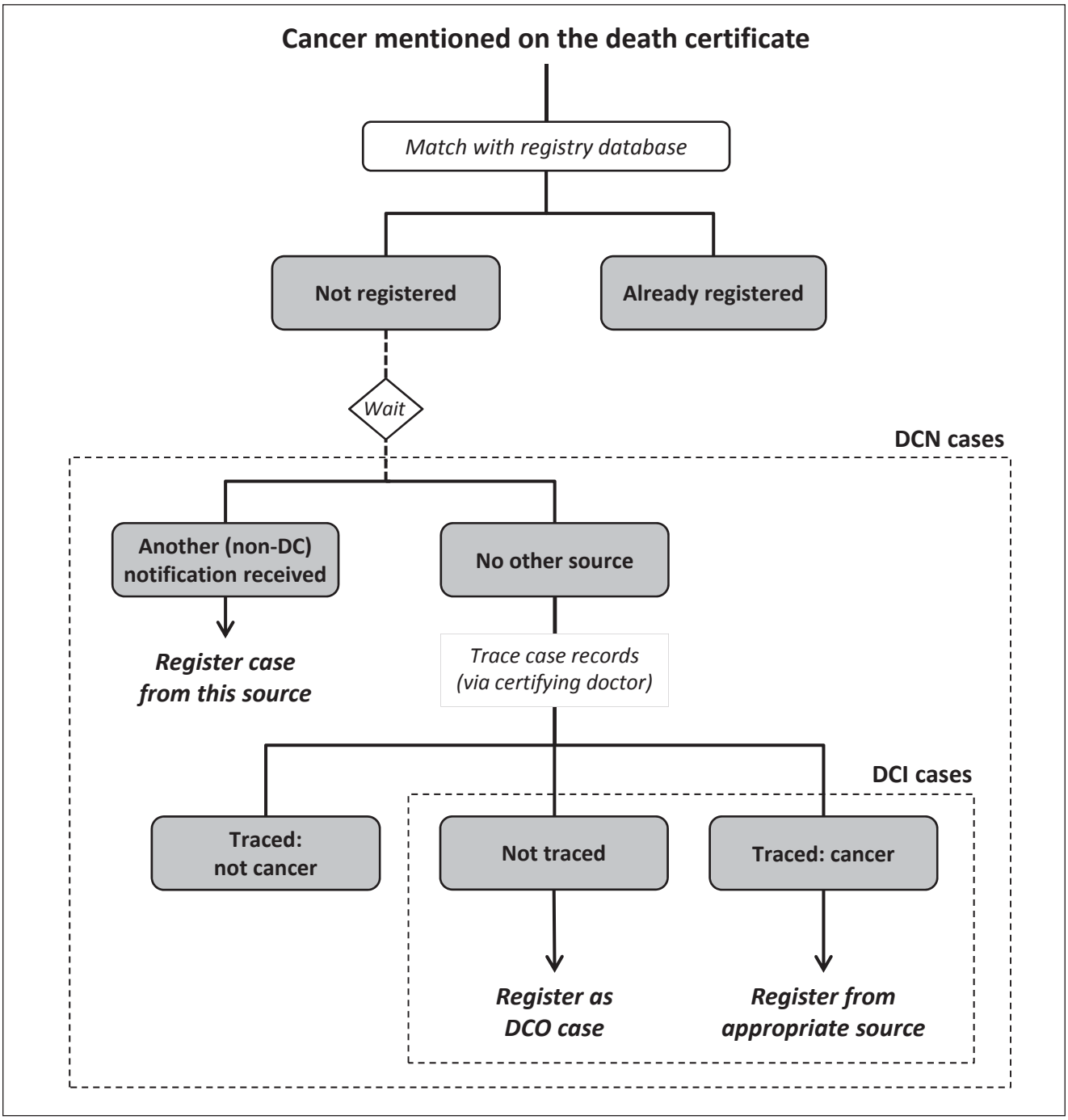

Fig. 5.1. The process of using death certificates (DCs) to identify new cancer cases, which may subsequently be classified as death-certificate-notified (DCN), death-certificate-initiated (DCI), or death-certificate-only (DCO) cases (see the chapter text for more details). Adapted from European Journal of Cancer, 45(5), Bray F and Parkin DM, Evaluation of data quality in the cancer registry: principles and methods. Part I: comparability, validity and timeliness, pages 747–55, Copyright 2009, with permission from Elsevier.

accurate) certification of cause of death within the registration area, they are not readily applicable in many low- and middle-income settings, or even in many high-income settings.

VALIDITY

Validity (or accuracy) is defined as the proportion of cases in a dataset recorded as having a given characteristic (e.g. site or age) that truly do have that attribute. Several linked methods are used in this volume to provide numerical indices of validity, which enable (at least on an interval scale) comparisons between registries, within a single registry over time, and within a single registry with respect to specified subsets of cases (cases at certain sites, from different sources, etc.). These methods include internal

consistency methods, diagnostic criteria methods (histological verification and DCO cases), and missing information analyses (e.g. primary site unspecified, age unknown).

Internal consistency

The use of the IARCcrgTools software to perform consistency checks on the submitted datasets is described in Chapter 6 of this volume. Registries were asked to verify and correct their data using this or other software tools before submission, and to ensure that the ICD-O-3 coding system was used for all relevant variables.

Microscopic verification

Typically, the accuracy of a stated diagnosis is likely to be better if the diagnosis is based on histological examination by a pathologist. However, surveys have shown that many cancer registries code diagnoses based on exfoliative cytology or haematological examination of peripheral blood in the same category as those based on histological examination (i.e. the cases are all coded as microscopically verified), making it is impossible to distinguish between them in the data. Partly for this reason, the index of validity used in the editorial tables (see Editorial table 4 at the end of this chapter) and the tables showing indices of data quality in this volume include the MV% rather than the proportion of cases histologically verified (HV%).

As noted in the *Completeness* section above, any observed MV% values in Editorial table 4 that are significantly greater than or less than expected (compared to the regional standard) are shown in bold and flagged with a greater-than symbol (>) or a less-than symbol (<), respectively.

Death-certificate-only (DCO) cases

The proportion of cancers for which no information other than a death certificate mentioning cancer can be found – the DCO% – is another measure of validity, since the information on death certificates is generally less accurate and/or precise than information obtained from clinical or pathology records. A considerable effort has been made in the editorial process to ensure that cases reported as DCO truly are DCO cases. As stated earlier in this chapter, DCO cases represent the residuum of the trace-back process; they are the remaining DCN cases for which no information other than a death certificate mentioning cancer could be obtained through any of the registry's trace-back procedures (see Fig. 5.1). Establishing acceptable and objective criteria for the DCO% has been a contentious issue in international comparative studies. As stated earlier, a low DCO% may simply reflect efficient trace-back of cases initially missed by the normal case-finding procedures. The DCO% is also influenced by local circumstances (including the availability and accuracy of death certificates) and the registry's ability to successfully link records.

Other and unspecified/age unknown

The proportion of registered cases with unknown values for various data items can be an indicator of data quality. Unknown values can result from problems with:

- the data collection system (or access to necessary source documents)
- the item and code values that are defined
- the application of coding rules.

The definitions used influence the proportion of unknown codes, for example, when evaluating cases with the primary site coded as "Other and unspecified" (O&U). This classification is defined in detail in Chapter 3. Other variables for which the proportion of cases with missing values is commonly evaluated include age, ethnicity, and disease stage. A high proportion of cases with missing values generally implies poor diagnostic precision (as evidenced by the low MV% observed among O&U cases) or a failure to specify the site of the primary cancer in cases diagnosed on the basis of tissue obtained from a metastasis. The proportion of unknown values usually varies by primary site and tends to be higher among elderly patients. The proportions also vary somewhat between registries. The percentages of O&U cases and cases with unknown age, by registry, are shown in Table 5.4 at the end of this chapter.

POPULATION

It is important to remember that a 10% error in the estimation of the population at risk produces the same level of inaccuracy in the calculated incidence rate as a 10% error in enumeration of cases. However, cancer registries are generally not responsible for population estimates, and must rely on official censuses, or intercensal/postcensal estimates provided by vital statistics departments or their equivalents. The editors asked all contributing registries to provide official population estimates and state the source of the population data. This information has been summarized for each entry, along with the average annual population at risk during the period covered by the registrations.

Although the population data provided by the registries could rarely be directly verified by the editors, the shapes of the population pyramids, as well as any irregularities in the age-specific incidence curves, were used to identify potential errors in the population estimates (see Editorial table 2 at the end of this chapter), and if necessary, the appropriateness of the source of the information provided was queried. Potential problems with estimating the population at risk are stated in the *Notes on the data* section of each entry. In some cases, a high likelihood of inaccuracy in estimates of the population at risk contributed to the editorial decision to mark a registry's contribution with an asterisk.

NOTES ON THE DATASETS: THE ASTERISKS (*)

The presence of an asterisk indicates that additional care is required in interpreting the numerical results for some or all cancer sites; readers should refer to the *Notes on the data* section of the corresponding registry description for the specific reasons. The principal use of the asterisks is to denote datasets that are considered by the editors to have characteristics suggesting questionable quality or completeness of

information on cases or the population at risk, as well as datasets for which the editors could not evaluate the relevant indices due to deficiencies in the registration process. The criteria used in this judgement were not rigidly defined; the decision was based on an examination of all the indices described in this chapter and knowledge of the circumstances within which the registry operates. The intrinsic value of a given dataset in providing information on little-known geographical and ethnic patterns, as well as continuity with earlier data from the same registry, were also taken into consideration. For the purpose of comparability between registries, all datasets for which no official mortality data could be provided or that included no DCO registrations (due to lack of access to death certificates) were also flagged with an asterisk.

STATISTICAL TESTS

Four comparisons (for which statistical tests were applied) were made as part of the editorial process for CI5 Volume X:

- a comparison of each age-standardized incidence rate with the corresponding value from Volume IX;
- a comparison of each registry's age-standardized incidence rates for major sites with the corresponding Volume IX values for registries in the same country or region;
- a comparison of each registry's MV% values for major sites with the corresponding Volume IX values for registries in the same country or region; and
- a comparison of each registry's M:I ratios for major sites with the corresponding Volume IX values for registries in the same country or region.

The results of these tests were not published but have been used to flag certain registry datasets as unusual or possibly inconsistent with previously published data, and therefore requiring further investigation. This battery of tests was first implemented in Volume VIII, and the methodological details and formulae are provided in Chapter 5 of that book (Parkin and Plummer, 2002).

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Table 5.4. Percentages of cases site coded as "Other and unspecified" (O&U) and percentages of cases with unknown age (Unk), for all sites, by registry

	Male		Female	
	O&U	Unk	O&U	Unk
Africa				
*Algeria, Sétif	3.9	–	4.0	–
Egypt, Gharbiah	4.3	–	3.0	0.0
*Libya, Benghazi	3.4	–	4.0	–
*Malawi, Blantyre	3.7	10.9	3.6	13.1
*South Africa, PROMEC	4.9	–	2.3	0.1
*Tunisia, North	4.2	1.2	3.9	1.3
*Uganda, Kyadondo County	3.7	1.5	3.5	2.2
*Zimbabwe, Harare: African	2.3	2.7	1.8	2.4
America, Central and South				
Argentina, Bahía Blanca	5.9	4.5	6.6	5.3
Argentina, Córdoba	4.5	0.0	4.7	0.1
Argentina, Mendoza	5.1	–	4.7	–
*Argentina, Tierra del Fuego	5.9	–	3.5	–
Brazil, Aracaju	1.9	0.4	2.5	0.3
Brazil, Belo Horizonte	3.5	0.2	4.0	0.2
Brazil, Cuiabá	3.6	2.5	3.9	1.7
Brazil, Fortaleza	5.5	0.3	5.5	0.6
Brazil, Goiânia	2.1	0.2	1.8	0.2
*Brazil, São Paulo	5.4	11.2	5.4	11.2
Chile, Region of Antofagasta	1.7	–	1.4	–
Chile, Bío Bío Province	2.6	–	2.8	–
Chile, Valdivia	4.3	–	6.1	–
Colombia, Bucaramanga	4.9	0.5	4.9	0.5
Colombia, Cali	5.0	2.0	4.6	2.0
Colombia, Manizales	4.9	–	4.1	–
Colombia, Pasto	3.7	–	4.1	–
Costa Rica	4.6	0.5	4.5	0.4
Cuba, Villa Clara	3.2	0.1	4.3	0.1
Ecuador, Cuenca	3.6	–	3.5	–
Ecuador, Quito	2.4	1.2	3.0	1.2
*France, Martinique	1.5	–	3.2	–
*Jamaica, Kingston and St Andrew	5.4	0.3	5.0	0.4
USA, Puerto Rico	2.7	0.2	3.0	0.2
Uruguay	5.5	0.1	5.8	0.0
America, North				
Canada	2.8	–	3.4	–
Canada, Alberta	2.3	–	3.1	–
Canada, British Columbia	2.7	–	3.7	–
Canada, Manitoba	1.8	–	2.2	–
Canada, New Brunswick	0.9	–	1.8	–
Canada, Newfoundland and Labrador	2.3	–	3.1	–
*Canada, Northwest Territories	1.7	–	1.1	–
Canada, Nova Scotia	3.0	–	3.4	–
Canada, Ontario	3.6	–	3.9	–
Canada, Prince Edward Island	2.6	–	3.2	–
*Canada, Quebec	2.4	–	3.2	–
Canada, Saskatchewan	2.4	–	3.4	–
*Canada, Yukon	2.4	–	4.5	–
USA, NPCR (42 states)	2.2	0.0	2.7	0.0
USA, NPCR (42 states): American Indian	2.6	0.0	3.1	–
USA, NPCR (42 states): Asian and Pacific Islander	2.2	0.0	2.2	0.0
USA, NPCR (42 states): Black	2.2	0.0	2.9	0.0
USA, NPCR (42 states): White	2.2	0.0	2.7	0.0
USA, SEER (9 registries)	1.7	0.0	2.3	0.0
*USA, SEER (9 registries): Black	1.7	0.0	2.4	–
*USA, SEER (9 registries): White	1.7	0.0	2.3	–
USA, SEER (18 registries)	2.0	0.0	2.5	0.0
*USA, SEER (18 registries): Asian and Pacific Islander	2.0	0.0	2.2	0.0
*USA, SEER (18 registries): Black	2.0	0.0	2.6	0.0
*USA, SEER (18 registries): Hispanic White	2.2	0.0	2.7	0.0
*USA, SEER (18 registries): Non-Hispanic White	2.0	0.0	2.5	0.0
*USA, SEER (18 registries): White	2.0	0.0	2.6	0.0
USA, Alabama	2.2	0.0	2.6	0.0
USA, Alabama: Black	2.3	0.0	3.1	0.0
USA, Alabama: White	2.1	0.0	2.5	0.0
USA, Alaska	2.1	–	2.1	–
*USA, Alaska: American Indian	2.7	–	2.6	–
USA, Arizona	2.8	0.0	3.2	0.0
USA, Arizona: American Indian	3.6	0.1	5.0	–
USA, Arizona: Asian and Pacific Islander	4.0	–	2.5	0.1
USA, Arizona: Black	2.9	0.1	3.3	0.1
USA, Arizona: White	2.9	0.0	3.2	0.0
USA, Arkansas	2.0	0.0	2.7	0.0
USA, Arkansas: Black	2.5	–	3.2	–
USA, Arkansas: White	1.9	0.0	2.6	0.0
USA, California	2.1	0.0	2.7	0.0
USA, California: American Indian	2.7	–	4.0	–
USA, California: Asian and Pacific Islander	2.1	0.0	2.2	0.0
USA, California: Black	2.2	0.0	2.8	–
USA, California: White	2.2	0.0	2.8	0.0
USA, California, Los Angeles County	2.3	0.0	2.8	0.0
*USA, California, Los Angeles County: Asian and Pacific Islander	2.2	–	2.2	–
*USA, California, Los Angeles County: Black	2.4	–	2.7	–
*USA, California, Los Angeles County: Chinese	1.9	–	2.1	–
*USA, California, Los Angeles County: Filipino	2.6	–	1.9	–
*USA, California, Los Angeles County: Hispanic White	2.4	0.0	3.0	–

*Important. See note on population page.

Table 5.4. (Contd) Percentages of cases site coded as "Other and unspecified" (O&U) and percentages of cases with unknown age (Unk), for all sites, by registry

	Male		Female	
	O&U	Unk	O&U	Unk
America, North (contd)				
*USA, California, Los Angeles County: Japanese	2.4	–	2.2	–
*USA, California, Los Angeles County: Korean	2.0	–	3.2	–
*USA, California, Los Angeles County: Non-Hispanic White	2.3	0.0	2.9	0.0
*USA, California, Los Angeles County: White	2.3	0.0	2.9	0.0
USA, California, San Francisco Bay Area	1.9	0.0	2.7	0.0
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	1.9	0.0	2.2	–
*USA, California, San Francisco Bay Area: Black	2.3	0.0	3.1	–
*USA, California, San Francisco Bay Area: Hispanic White	1.4	0.0	2.7	–
*USA, California, San Francisco Bay Area: Non-Hispanic White	1.9	–	2.7	–
*USA, California, San Francisco Bay Area: White	1.9	0.0	2.7	–
USA, Colorado	2.1	0.0	2.7	0.0
USA, Colorado: Asian and Pacific Islander	3.5	–	2.5	–
USA, Colorado: Black	2.3	–	2.7	–
USA, Colorado: White	2.1	–	2.7	0.0
USA, Connecticut	2.0	–	2.4	–
*USA, Connecticut: Black	1.7	–	2.5	–
*USA, Connecticut: White	2.0	–	2.4	–
USA, Delaware	1.9	–	2.4	–
USA, Delaware: Black	2.0	–	1.9	–
USA, Delaware: White	1.9	–	2.6	–
USA, Florida	2.7	0.0	3.1	0.0
USA, Florida: Asian and Pacific Islander	2.7	–	2.8	–
USA, Florida: Black	2.8	–	3.5	–
USA, Florida: White	2.7	0.0	3.0	0.0
USA, Georgia	2.1	–	2.6	–
USA, Georgia: Asian and Pacific Islander	3.0	–	2.4	–
USA, Georgia: Black	2.1	–	2.6	–
USA, Georgia: White	2.1	–	2.6	–
USA, Georgia, Atlanta	1.7	–	2.2	–
*USA, Georgia, Atlanta: Black	1.9	–	2.3	–
*USA, Georgia, Atlanta: White	1.7	–	2.1	–
USA, Idaho	2.0	–	2.7	–
USA, Illinois	1.8	–	2.5	–
USA, Illinois: Asian and Pacific Islander	1.7	–	2.6	–
USA, Illinois: Black	2.0	–	2.6	–
USA, Illinois: White	1.8	–	2.5	–
USA, Indiana	2.2	–	2.6	0.0
USA, Indiana: Black	2.3	–	3.2	–
USA, Indiana: White	2.2	–	2.6	0.0
USA, Iowa	1.8	–	2.5	–
USA, Kentucky	2.1	–	2.6	–
USA, Louisiana	2.1	–	2.5	–
*USA, Louisiana: Black	2.4	–	2.5	–
*USA, Louisiana: White	2.0	–	2.5	–
*USA, Louisiana, New Orleans	2.4	–	2.8	–
*USA, Louisiana, New Orleans: Black	2.7	–	3.1	–
*USA, Louisiana, New Orleans: White	2.3	–	2.7	–
USA, Maine	2.5	–	3.3	–
USA, Massachusetts	2.1	–	2.6	–
USA, Massachusetts: Asian and Pacific Islander	2.3	–	2.1	–
USA, Massachusetts: Black	2.4	–	3.0	–
USA, Massachusetts: White	2.1	–	2.6	–
USA, Michigan	2.0	0.0	2.7	0.0
USA, Michigan: Asian and Pacific Islander	2.1	–	2.5	–
USA, Michigan: Black	1.9	0.0	2.4	–
USA, Michigan: White	2.1	0.0	2.7	0.0
USA, Michigan, Detroit	1.4	0.0	2.0	–
*USA, Michigan, Detroit: Black	1.4	0.0	2.0	–
*USA, Michigan, Detroit: White	1.4	0.0	2.0	–
USA, Mississippi	2.1	0.0	2.6	–
USA, Missouri	2.3	0.0	2.8	–
USA, Missouri: Black	2.1	0.0	2.8	–
USA, Missouri: White	2.3	–	2.8	–
USA, Montana	2.0	–	2.5	–
USA, Montana: American Indian	1.6	–	4.4	–
USA, Nebraska	2.4	–	3.2	–
USA, Nebraska: Black	3.2	–	3.2	–
USA, Nebraska: White	2.4	–	3.2	–
USA, New Hampshire	2.1	–	2.3	–
USA, New Jersey	2.0	0.0	2.5	0.0
*USA, New Jersey: Black	2.0	0.0	2.8	0.0
*USA, New Jersey: White	2.0	0.0	2.5	0.0
USA, New Mexico	2.2	0.0	2.4	–
*USA, New Mexico: Hispanic White	2.1	0.0	2.7	–
*USA, New Mexico: Non-Hispanic White	2.1	–	2.3	–
*USA, New Mexico: White	2.1	0.0	2.4	–
USA, New York State	1.9	0.0	2.6	0.0
USA, New York State: Asian and Pacific Islander	2.0	–	1.9	–
USA, New York State: Black	1.9	0.0	2.8	0.0
USA, New York State: White	1.9	0.0	2.7	0.0
USA, North Carolina	2.2	–	2.7	–
USA, North Carolina: American Indian	2.0	–	2.0	–
USA, North Carolina: Asian and Pacific Islander	2.3	–	1.9	–
USA, North Carolina: Black	2.1	–	3.0	–
USA, North Carolina: White	2.2	–	2.7	–
USA, North Dakota	1.7	–	2.7	–
USA, Ohio	2.4	–	2.9	–
USA, Ohio: Asian and Pacific Islander	3.4	–	2.9	–
USA, Ohio: Black	2.4	–	3.4	–
USA, Ohio: White	2.4	–	2.9	–

*Important. See note on population page.

Table 5.4. (Contd) Percentages of cases site coded as "Other and unspecified" (O&U) and percentages of cases with unknown age (Unk), for all sites, by registry

	Male		Female	
	O&U	Unk	O&U	Unk
America, North (contd)				
USA, Oklahoma	1.9	0.0	2.3	0.0
USA, Oklahoma: American Indian	2.4	–	2.3	–
USA, Oklahoma: Black	1.9	–	2.4	–
USA, Oklahoma: White	1.8	0.0	2.2	–
USA, Oregon	2.5	–	2.8	–
USA, Oregon: Asian and Pacific Islander	3.1	–	2.2	–
USA, Oregon: Black	2.2	–	3.6	–
USA, Oregon: White	2.5	–	2.8	–
USA, Pennsylvania	2.2	0.0	3.0	0.0
USA, Pennsylvania: Asian and Pacific Islander	1.9	–	2.3	–
USA, Pennsylvania: Black	2.3	–	3.3	–
USA, Pennsylvania: White	2.2	0.0	3.0	0.0
USA, Rhode Island	2.1	–	2.8	–
USA, Rhode Island: Black	2.7	–	2.2	–
USA, Rhode Island: White	2.0	–	2.8	–
USA, South Carolina	2.3	–	2.8	–
USA, South Carolina: Black	2.3	–	3.0	–
USA, South Carolina: White	2.3	–	2.7	–
USA, South Dakota	2.4	–	3.4	–
USA, Tennessee	2.2	0.0	2.6	0.0
USA, Tennessee: Black	2.0	–	2.8	–
USA, Tennessee: White	2.2	0.0	2.6	–
USA, Texas	2.1	–	2.5	–
USA, Texas: Asian and Pacific Islander	2.1	–	2.0	–
USA, Texas: Black	2.2	–	2.8	–
USA, Texas: White	2.1	–	2.5	–
USA, Utah	1.6	–	2.5	–
USA, Vermont	2.0	–	2.6	–
USA, Virginia	2.1	–	2.7	–
USA, Virginia: Asian and Pacific Islander	1.3	–	2.8	–
USA, Virginia: Black	2.1	–	3.0	–
USA, Virginia: White	2.1	–	2.7	–
USA, Washington State	1.7	–	2.1	0.0
USA, Washington, Seattle	1.5	–	1.9	–
USA, West Virginia	2.0	–	2.2	–
USA, Wisconsin	1.9	–	2.5	–
USA, Wisconsin: Black	2.0	–	3.2	–
USA, Wisconsin: White	1.9	–	2.4	–
USA, Wyoming	1.7	–	2.6	–
Asia				
Bahrain: Bahraini	3.7	–	2.8	–
China, Beijing City	1.4	–	1.4	–
*China, Cixian County	0.3	–	0.4	–
China, Haining County	1.7	–	2.1	–
*China, Harbin City, Nangang District	0.9	–	1.0	–
China, Hong Kong	2.9	0.0	3.1	0.0
China, Jiashan County	0.8	–	0.8	–
China, Jiaxing City	1.8	–	1.8	–
China, Macao	2.0	0.2	1.9	0.1
China, Qidong County	0.3	–	0.6	–
*China, Shanghai City	2.6	–	2.8	–
*China, Wuhan City	2.0	–	2.5	–
*China, Yangcheng County	0.2	–	0.6	–
*China, Yanting County	0.2	–	0.2	–
*China, Zhongshan City	2.4	–	2.1	–
*India, Bangalore	7.3	–	4.5	–
*India; Barshi, Paranda, and Bhum	9.6	–	5.5	–
*India, Bhopal	10.0	–	5.0	–
*India, Chennai	5.8	–	3.5	–
*India, Dindigul, Ambilikkai	9.8	–	5.3	–
*India, Karunagappally	11.0	–	8.0	–
*India, Mizoram	12.7	0.5	10.7	0.4
*India, Mumbai	3.2	–	2.4	–
*India, New Delhi	5.7	0.8	3.5	0.8
*India, Poona	4.2	–	2.9	–
*India, Sikkim State	10.8	1.4	8.8	1.4
*India, Trivandrum	12.4	–	9.0	–
*Iran (Islamic Republic of), Golestan Province	1.8	–	1.9	–
Israel	2.9	–	3.5	–
*Israel: Jews	2.9	–	3.5	–
*Israel: Non-Jews	3.8	–	3.6	–
Japan, Aichi Prefecture	1.1	0.0	1.9	0.0
Japan, Fukui Prefecture	0.6	–	1.0	–
Japan, Hiroshima	0.7	–	1.0	0.0
Japan, Miyagi Prefecture	1.1	–	1.7	–
Japan, Nagasaki Prefecture	0.6	–	1.3	–
Japan, Niigata Prefecture	1.1	–	1.9	–
*Japan, Osaka Prefecture	1.2	–	1.8	–
Japan, Saga Prefecture	0.9	–	1.6	–
Republic of Korea	1.3	–	1.3	0.0
Republic of Korea, Busan	1.2	–	1.3	–
Republic of Korea, Daegu	1.4	–	1.3	–
Republic of Korea, Daejeon	1.0	–	1.1	–
Republic of Korea, Gwangju	1.6	–	1.5	–
Republic of Korea, Incheon	1.3	–	1.2	–
Republic of Korea, Jejudo	1.1	–	1.7	–
Republic of Korea, Seoul	1.0	–	1.1	0.0
Republic of Korea, Ulsan	1.1	–	1.0	–

*Important. See note on population page.

Table 5.4. (Contd) Percentages of cases site coded as "Other and unspecified" (O&U) and percentages of cases with unknown age (Unk), for all sites, by registry

	Male		Female	
	O&U	Unk	O&U	Unk
Asia (contd)				
Kuwait	3.2	–	2.4	–
*Kuwait: Kuwaitis	3.1	–	2.4	–
*Kuwait: Non-Kuwaitis	3.3	–	2.4	–
*Malaysia, Penang	3.8	–	2.5	–
*Malaysia, Penang: Chinese	3.7	–	2.3	–
*Malaysia, Penang: Indian	3.4	–	2.9	–
*Malaysia, Penang: Malay	4.2	–	2.9	–
*Philippines, Manila	4.7	0.8	4.0	1.0
*Philippines, Rizal	4.8	0.4	3.5	0.4
Qatar: Qatari	3.1	–	0.8	–
*Saudi Arabia, Riyadh: Saudi	3.7	0.0	3.8	0.0
Singapore	2.3	–	2.0	–
Singapore: Chinese	2.2	–	2.0	–
Singapore: Indian	3.2	–	2.2	–
Singapore: Malay	3.1	–	1.7	–
Thailand, Bangkok	7.2	–	5.0	–
Thailand, Chiang Mai	7.0	–	6.2	–
Thailand, Chonburi	3.6	–	2.3	–
*Thailand, Khon Kaen	5.2	–	4.0	–
Thailand, Lampang	6.2	–	5.2	–
*Thailand, Songkhla	5.1	–	4.1	–
*Turkey, Antalya	2.8	0.2	2.5	0.1
*Turkey, Edirne	3.9	–	3.8	–
*Turkey, Izmir	3.5	0.5	3.8	0.6
*Turkey, Trabzon	1.9	–	1.9	–
Europe				
Austria	1.4	–	2.1	–
Austria, Tyrol	1.3	–	1.8	–
Austria, Vorarlberg	1.0	–	2.3	–
*Belarus	2.1	–	1.5	–
*Belgium	1.6	–	1.7	–
Bulgaria	5.0	–	3.5	–
Croatia	3.9	0.8	4.2	0.9
Cyprus	4.8	3.3	5.0	1.3
Czech Republic	2.3	–	2.7	–
Denmark	4.8	–	5.8	–
*Estonia	2.5	–	2.1	–
Finland	1.8	–	2.8	–
*France, Bas-Rhin	2.5	–	3.6	–
*France, Calvados	2.1	–	2.5	–
*France, Doubs	1.5	–	1.9	–
*France, Haut-Rhin	1.2	–	1.3	–
*France, Hérault	1.8	–	2.4	–
*France, Isère	1.7	–	2.2	–
*France, Loire-Atlantique	2.4	–	2.7	–
*France, Manche	2.1	–	2.7	–
*France, Somme	2.4	–	3.1	–
*France, Tarn	2.4	–	3.6	–
*France, Vendée	2.4	–	2.4	–
Germany, Brandenburg	1.8	–	2.5	–
Germany, Bremen	1.9	–	1.9	–
Germany, Free State of Saxony	2.2	–	3.1	–
Germany, Hamburg	1.9	–	2.1	–
Germany, Mecklenburg-Western Pomerania	2.3	–	2.6	–
Germany, Munich	2.4	–	2.8	–
Germany, North Rhine-Westphalia	2.0	–	2.4	–
Germany, Saarland	1.9	–	2.1	–
Germany, Schleswig-Holstein	1.4	–	1.9	–
Iceland	1.9	–	3.3	–
Ireland	2.2	–	2.8	–
Italy, Biella	1.9	–	2.8	–
Italy, Brescia	1.5	–	1.9	–
Italy, Catania and Messina	2.2	–	2.6	–
Italy, Catanzaro	2.4	–	3.7	–
Italy, Como	1.6	–	2.0	–
Italy, Ferrara	1.7	–	2.6	–
Italy, Florence and Prato	1.8	–	2.3	–
Italy, Friuli-Venezia Giulia	2.0	–	2.6	–
Italy, Genoa	1.7	–	2.4	–
Italy, Latina	1.8	–	2.4	–
Italy, Lecco	1.5	–	1.9	–
Italy, Lombardy, South	1.6	–	2.3	–
Italy, Mantua	2.5	–	2.5	–
Italy, Milan	1.9	–	2.7	–
Italy, Modena	1.6	–	2.5	–
Italy, Naples	2.1	–	2.9	–
Italy, Nuoro	1.5	–	2.1	–
Italy, Palermo	1.8	–	2.6	–
Italy, Parma	2.1	–	2.5	–
Italy, Ragusa	2.0	–	2.5	–
Italy, Reggio Emilia	1.4	–	2.2	–
Italy, Romagna	1.6	–	2.5	–
Italy, Salerno	1.3	–	1.8	–
Italy, Sassari	2.1	–	2.4	–
Italy, Sondrio	2.0	–	2.4	–
Italy, South Tyrol	1.8	–	2.4	–

*Important. See note on population page.

Table 5.4. (Contd) Percentages of cases site coded as "Other and unspecified" (O&U) and percentages of cases with unknown age (Unk), for all sites, by registry

	Male		Female	
	O&U	Unk	O&U	Unk
Europe (contd)				
Italy, Syracuse	1.8	–	2.1	–
Italy, Trapani	1.7	–	2.4	–
Italy, Trento	3.3	–	3.4	–
Italy, Turin	1.6	–	2.5	–
Italy, Umbria	0.7	–	1.0	–
Italy, Varese	1.6	–	2.4	–
Italy, Veneto	1.6	–	2.1	–
Latvia	2.4	–	2.4	0.0
Lithuania	2.5	–	2.8	–
Malta	3.8	–	4.2	–
*The Netherlands	3.0	–	3.5	–
*The Netherlands, Eindhoven	3.3	–	3.8	–
Norway	2.0	–	3.1	–
Poland, Cracow	3.3	–	4.0	–
Poland, Kielce	3.9	–	3.8	–
Poland, Lower Silesia	4.8	–	4.8	–
Poland, Podkarpackie	3.5	–	4.1	–
Portugal, Azores	3.1	–	2.6	–
Russian Federation, Saint Petersburg	1.5	–	1.4	–
*Serbia, Central	2.9	–	3.0	–
Slovakia	2.3	–	2.3	–
Slovenia	2.4	–	3.0	–
Spain, Albacete	2.8	0.0	4.3	0.0
Spain, Asturias	3.5	0.0	4.7	0.1
Spain, Basque Country	2.8	–	3.7	–
Spain, Canary Islands	3.6	–	3.8	–
Spain, Ciudad Real	2.7	–	3.7	–
Spain, Cuenca	2.5	–	4.0	–
Spain, Girona	2.3	0.1	2.9	0.1
*Spain, Granada	2.7	–	3.1	–
Spain, La Rioja	2.6	–	4.0	–
Spain, Mallorca	1.8	0.5	2.8	0.3
Spain, Murcia	2.3	–	3.0	–
Spain, Navarra	1.6	–	2.3	–
Spain, Tarragona	1.5	0.2	2.0	0.2
*Sweden	2.7	–	4.2	–
Switzerland, Basel	1.7	–	2.6	–
Switzerland, Geneva	1.4	–	1.5	–
Switzerland, Graubünden and Glarus	1.2	–	2.5	–
Switzerland, Neuchâtel	1.7	–	1.9	–
Switzerland, St Gall-Appenzell	1.3	–	1.8	–
Switzerland, Ticino	1.9	–	2.1	–
Switzerland, Valais	1.4	–	1.5	–
Switzerland, Vaud	1.2	–	1.3	–
Switzerland, Zurich	1.6	–	2.3	–
Ukraine	3.5	–	2.8	–
UK, England	3.2	–	4.2	–
UK, England, East of England Region	3.4	–	4.4	–
UK, England, North Western	3.2	–	4.2	–
UK, England, Northern and Yorkshire	3.2	–	4.4	–
UK, England, Oxford Region	2.8	–	3.8	–
UK, England, South and Western Regions	2.5	–	3.4	–
UK, England, Thames	3.8	–	5.0	–
UK, England, Trent	3.2	–	4.0	–
UK, England, West Midlands	3.3	–	4.3	–
UK, Northern Ireland	3.0	–	4.2	–
UK, Scotland	3.0	–	3.9	–
UK, Wales	3.9	–	5.0	–
Oceania				
Australian Capital Territory	2.5	–	3.7	–
Australia, New South Wales	3.2	–	4.1	–
Australia, Northern Territory	4.2	–	4.1	–
Australia, Northern Territory: Indigenous	6.7	–	7.7	–
Australia, Northern Territory: Non-Indigenous	3.8	–	3.0	–
Australia, Queensland	2.5	–	3.2	–
South Australia	2.8	–	4.1	–
Australia, Tasmania	2.2	–	3.7	–
Australia, Victoria	2.7	–	3.8	–
Western Australia	2.3	–	3.0	–
New Zealand	2.7	–	3.1	–
New Zealand: Maori	3.3	–	2.6	–
New Zealand: Pacific Islander	3.2	–	2.8	–
New Zealand: Other	2.6	–	3.2	–
USA, Hawaii	1.7	–	2.0	–
*USA, Hawaii: Chinese	1.8	–	3.1	–
*USA, Hawaii: Filipino	1.6	–	1.9	–
*USA, Hawaii: Hawaiian	2.3	–	2.6	–
*USA, Hawaii: Japanese	1.6	–	1.7	–
*USA, Hawaii: White	1.7	–	1.9	–

*Important. See note on population page.

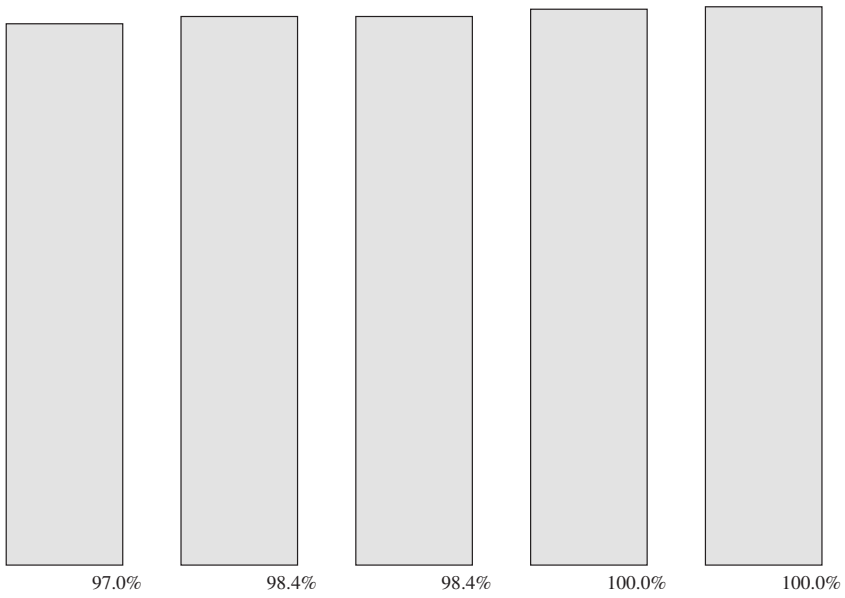
Editorial table 1: Number of cases registered per year by site, and a bar chart of the total number of cases registered per year; see the chapter text for more details

EREWHON (2003–2007)

MALE SITE	2003	2004	2005	2006	2007	Total
Lip, oral cavity and pharynx (C00–14)	55 (4.9)	57 (4.8)	50 (4.2)	51 (4.2)	54 (4.6)	267 (4.5)
Digestive organs (C15–26)	251 (22.3)	231 (19.6)	236 (20.0)	273 (22.4)	279 (23.6)	1270 (21.6)
Respiratory organs (C30–39)	172 (15.3)	165 (14.0)	183 (15.5)	162 (13.3)	151 (12.8)	833 (14.2)
Bone, cartilage, melanoma (C40–43)	75 (6.7)	59 (5.0)	66 (5.6)	66 (5.4)	68 (5.8)	334 (5.7)
Male genital (C60–63)	296 (26.3)	351 (29.8)	334 (28.3)	327 (26.9)	289 (24.5)	1597 (27.2)
Urinary organs (C64–68)	105 (9.3)	140 (11.9)	146 (12.4)	145 (11.9)	144 (12.2)	680 (11.6)
Eye, brain, thyroid etc. (C69–75)	26 (2.3)	36 (3.1)	22 (1.9)	35 (2.9)	36 (3.0)	155 (2.6)
Haematopoietic (C81–96)	85 (7.6)	98 (8.3)	97 (8.2)	90 (7.4)	97 (8.2)	467 (7.9)
Other and unspecified	59 (5.2)	40 (3.4)	46 (3.9)	68 (5.6)	63 (5.3)	276 (4.7)
All sites but skin (C00–96bC44)	1124 (100.0)	1177 (100.0)	1180 (100.0)	1217 (100.0)	1181 (100.0)	5879 (100.0)

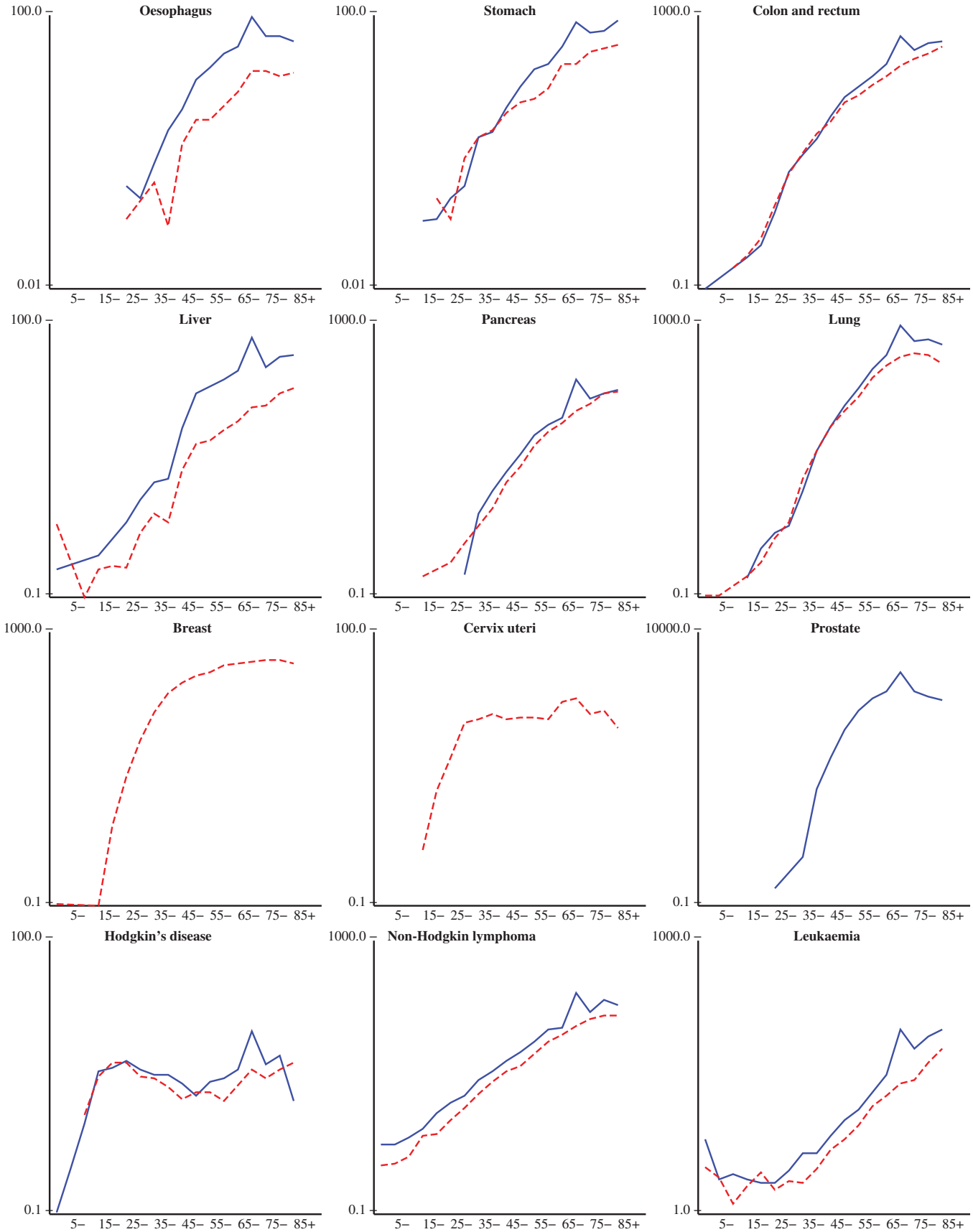
FEMALE SITE	2003	2004	2005	2006	2007	Total
Lip, oral cavity and pharynx (C00–14)	17 (1.5)	25 (2.3)	29 (2.7)	20 (1.9)	19 (1.7)	110 (2.0)
Digestive organs (C15–26)	210 (19.1)	194 (18.0)	215 (20.0)	182 (17.0)	226 (20.4)	1027 (18.9)
Respiratory organs (C30–39)	71 (6.5)	84 (7.8)	95 (8.9)	91 (8.5)	95 (8.6)	436 (8.0)
Bone, cartilage, melanoma (C40–43)	79 (7.2)	72 (6.7)	70 (6.5)	57 (5.3)	75 (6.8)	353 (6.5)
Breast (C50)	384 (35.0)	389 (36.2)	315 (29.4)	381 (35.5)	339 (30.6)	1808 (33.3)
Female genital (C51–58)	117 (10.7)	108 (10.0)	124 (11.6)	112 (10.4)	114 (10.3)	575 (10.6)
Urinary organs (C64–68)	47 (4.3)	46 (4.3)	48 (4.5)	53 (4.9)	47 (4.2)	241 (4.4)
Eye, brain, thyroid etc. (C69–75)	50 (4.6)	39 (3.6)	52 (4.8)	39 (3.6)	60 (5.4)	240 (4.4)
Haematopoietic (C81–96)	80 (7.3)	75 (7.0)	79 (7.4)	89 (8.3)	86 (7.8)	409 (7.5)
Other and unspecified	42 (3.8)	44 (4.1)	46 (4.3)	48 (4.5)	48 (4.3)	228 (4.2)
All sites but skin (C00–96bC44)	1097 (100.0)	1076 (100.0)	1073 (100.0)	1072 (100.0)	1109 (100.0)	5427 (100.0)

BOTH SEXES SITE	2003	2004	2005	2006	2007	Total
Lip, oral cavity and pharynx (C00–14)	72 (3.2)	82 (3.6)	79 (3.5)	71 (3.1)	73 (3.2)	377 (3.3)
Digestive organs (C15–26)	461 (20.8)	425 (18.9)	451 (20.0)	455 (19.9)	505 (22.1)	2297 (20.3)
Respiratory organs (C30–39)	243 (10.9)	249 (11.1)	278 (12.3)	253 (11.1)	246 (10.7)	1269 (11.2)
Bone, cartilage, melanoma (C40–43)	154 (6.9)	131 (5.8)	136 (6.0)	123 (5.4)	143 (6.2)	687 (6.1)
Breast (C50)	384 (17.3)	389 (17.3)	315 (14.0)	381 (16.6)	339 (14.8)	1808 (16.0)
Female genital (C51–58)	117 (5.3)	108 (4.8)	124 (5.5)	112 (4.9)	114 (5.0)	575 (5.1)
Male genital (C60–63)	296 (13.3)	351 (15.6)	334 (14.8)	327 (14.3)	289 (12.6)	1597 (14.1)
Urinary organs (C64–68)	152 (6.8)	186 (8.3)	194 (8.6)	198 (8.7)	191 (8.3)	921 (8.1)
Eye, brain, thyroid etc. (C69–75)	76 (3.4)	75 (3.3)	74 (3.3)	74 (3.2)	96 (4.2)	395 (3.5)
Haematopoietic (C81–96)	165 (7.4)	173 (7.7)	176 (7.8)	179 (7.8)	183 (8.0)	876 (7.7)
Other and unspecified	101 (4.5)	84 (3.7)	92 (4.1)	116 (5.1)	111 (4.8)	504 (4.5)
All sites but skin (C00–96bC44)	2221 (100.0)	2253 (100.0)	2253 (100.0)	2289 (100.0)	2290 (100.0)	11306 (100.0)



Editorial table 2: Age-specific incidence curves for major diagnosis groups in males (solid lines) and females (dashed lines); see the chapter text for more details

EREWHON (2003–2007)



Editorial table 3: Annual incidence (per 100 000 person-years, by age), summary rates, and percentage change since Volume IX; see the chapter text for more details

FEMALES

EREWHON (2003–2007)

SITE	ALL AGES	AGE UNK	0–	5–	10–	15–	20–	25–	30–	35–	40–	45–	50–	55–	60–	65–	70–	75–	80–	85+	CRUDE RATE	(%)	MV (%)	ASR (W)	*CH V9	ICD (10th)
Lip	2	0	–	–	–	–	–	–	–	–	–	–	–	–	0.5	–	–	0.5	–	–	0.1	0.0	100	**0.0**	11.0	*C00*
Tongue	59	0	–	–	–	–	–	0.6	–	0.6	1.1	1.0	0.4	1.3	4.8	1.5	4.6	5.8	4.5	6.0	1.9	0.4	92	**0.7**	1.0	*C01-02*
Mouth	75	0	–	–	–	–	–	–	–	–	0.6	0.5	1.3	0.9	1.6	4.9	5.1	9.1	5.2	12.7	2.4	0.5	93	**0.7**	**11.4**	*C03-06*
Salivary glands	20	0	–	–	–	0.7	–	–	–	0.6	0.6	–	1.3	0.4	1.1	1.0	2.3	0.5	–	2.2	0.6	0.1	90	**0.3**	3.9	*C07-08*
Tonsil	1	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.5	–	–	0.0	0.0	100	**0.0**	−0.8	*C09*
Other oropharynx	9	0	–	–	–	–	–	–	0.6	–	–	–	0.4	0.4	1.1	0.5	0.5	–	0.6	0.7	0.3	0.1	78	**0.1**	5.3	*C10*
Nasopharynx	12	0	–	–	–	0.7	0.7	–	–	–	–	0.5	–	0.4	–	–	0.9	1.4	1.3	0.7	0.4	0.1	83	**0.2**	8.0	*C11*
Hypopharynx	22	0	–	–	–	–	–	–	–	–	–	0.5	0.4	0.4	1.1	2.0	2.3	1.9	1.9	0.7	0.7	0.1	100	**0.3**	−6.3	*C12-13*
Pharynx unspecified	3	0	–	–	–	–	–	–	–	–	–	–	–	0.9	–	–	–	0.5	–	–	0.1	0.0	100	**0.0**	48.6	*C14*
Oesophagus	177	0	–	–	–	–	–	–	–	–	–	1.5	4.8	4.5	3.7	11.3	13.3	14.4	21.4	23.2	5.6	1.1	82	**1.6**	0.5	*C15*
Stomach	2904	0	–	–	–	0.7	0.7	2.4	5.6	12.9	18.4	39.0	49.5	66.8	95.1	138.6	209.1	260.2	310.9	415.5	92.1	18.7	87	**28.4**	**-2.0**	*C16*
Small intestine	41	0	–	–	–	–	–	–	–	–	–	2.0	0.4	2.2	1.1	2.0	1.4	3.8	4.5	5.2	1.3	0.3	85	**0.4**	0.1	*C17*
Colon	2059	0	–	–	–	–	–	0.6	1.1	4.7	11.2	16.0	32.8	42.3	67.8	114.1	140.2	189.3	222.8	317.2	65.3	13.2	84	**18.9**	**-2.2**	*C18*
Rectum	725	0	–	–	–	–	–	0.6	3.4	5.3	6.7	14.5	15.3	18.7	27.2	37.4	45.5	57.5	68.6	104.2	23.0	4.7	88	**7.9**	**-4.9**	*C19-20*
Anus	17	0	–	–	–	–	–	–	–	–	–	–	0.4	0.9	0.5	–	0.9	2.4	1.3	3.0	0.5	0.1	94	**0.1**	2.8	*C21*
Liver	622	0	–	–	–	–	–	–	0.6	0.6	0.6	0.5	1.8	5.8	14.4	32.0	57.9	71.4	82.2	80.2	19.7	4.0	20	**4.7**	**-4.6**	*C22*
Gallbladder etc.	805	0	–	–	–	–	–	–	–	1.2	2.8	2.0	4.4	10.7	19.8	25.6	42.7	81.0	118.5	169.5	25.5	5.2	44	**5.7**	−1.2	*C23-24*
Pancreas	730	0	–	–	–	–	–	–	–	1.2	1.7	6.0	3.1	13.4	26.2	34.9	60.2	59.9	85.5	126.0	23.1	4.7	26	**6.2**	**3.9**	*C25*
Nose, sinuses etc.	40	0	–	–	–	–	–	0.6	–	–	0.6	–	–	0.4	–	2.9	2.3	2.4	6.5	8.2	1.3	0.3	80	**0.3**	−5.8	*C30-31*
Larynx	7	0	–	–	–	–	–	–	–	–	0.6	–	0.9	0.4	–	0.5	–	–	0.6	0.7	0.2	0.0	100	**0.1**	1.1	*C32*
Trachea, bronchus and lung	1295	0	–	–	–	–	0.7	0.6	0.6	–	4.5	10.5	21.5	34.3	42.7	67.8	90.1	117.4	145.7	189.7	41.1	8.3	72	**11.9**	0.4	*C33-34*
Other thoracic organs	25	0	–	–	0.7	0.7	0.7	–	0.6	0.6	0.6	0.5	1.8	–	–	1.0	1.8	1.4	1.3	2.2	0.8	0.2	96	**0.5**	**20.3**	*C37-38*
Bone	16	0	–	–	0.7	–	1.4	–	0.6	0.6	–	0.5	–	1.3	–	0.5	2.3	–	–	0.7	0.5	0.1	88	**0.4**	−6.3	*C40-41*
Melanoma of skin	30	0	–	–	–	–	–	–	–	–	–	1.0	1.3	1.3	3.2	2.9	1.4	1.4	0.6	2.2	1.0	0.2	87	**0.5**	−3.4	*C43*
Other skin	275	0	0.8	–	–	–	–	–	0.6	1.8	1.1	2.5	3.1	3.1	6.4	8.4	16.5	17.7	32.4	72.7	8.7	1.8	99	**2.3**	**11.3**	*C44*
Mesothelioma	10	0	–	–	–	–	–	–	–	1.2	0.6	–	–	0.4	–	–	0.5	1.0	0.6	1.5	0.3	0.1	100	**0.2**	25.8	*C45*
Kaposi sarcoma	0	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.0	0.0	–	**0.0**	0.0	*C46*
Connective and soft tissue	57	0	–	–	–	2.0	0.7	1.2	0.6	–	1.7	1.5	2.6	0.9	2.1	4.4	1.8	2.9	3.9	5.2	1.8	0.4	100	**1.1**	8.2	*C47+C49*
Breast	2279	0	–	–	–	–	1.4	4.9	23.7	50.5	107.6	149.1	127.8	120.2	118.0	99.3	96.5	95.9	88.1	89.2	72.3	14.6	95	**43.0**	**4.0**	*C50*
Vulva	38	0	–	–	–	–	–	–	–	0.6	0.6	–	–	0.4	2.1	1.5	1.4	4.3	5.8	5.2	1.2	0.2	97	**0.3**	13.2	*C51*
Vagina	15	0	–	–	–	–	–	–	–	–	–	1.0	0.4	0.9	–	1.0	0.9	1.4	1.9	–	0.5	0.1	87	**0.2**	−5.5	*C52*
Cervix uteri	336	0	–	–	–	–	4.8	8.0	17.5	18.2	30.1	16.0	10.5	11.1	9.6	6.4	11.5	13.4	13.0	11.2	10.7	2.2	96	**8.0**	3.3	*C53*
Corpus uteri	446	0	–	–	–	–	2.1	1.2	5.1	5.3	8.9	19.0	32.8	32.0	27.8	18.2	20.7	22.0	13.6	15.7	14.1	2.9	95	**7.9**	**7.4**	*C54*
Uterus unspecified	36	0	–	–	–	–	–	–	–	–	0.6	–	0.9	1.3	0.5	0.5	2.3	2.9	3.9	8.2	1.1	0.2	33	**0.3**	−4.9	*C55*
Ovary	447	0	–	–	–	3.3	2.8	4.9	3.4	4.1	14.5	22.0	22.8	28.0	24.0	21.1	17.0	23.5	14.9	26.2	14.2	2.9	82	**8.2**	**5.7**	*C56*
Other female genital organs	11	0	–	–	–	–	–	–	–	–	–	1.5	0.9	–	1.1	1.0	–	1.0	–	–	0.3	0.1	91	**0.2**	18.6	*C57*
Placenta	3	0	–	–	–	–	–	1.2	0.6	–	–	–	–	–	–	–	–	–	–	–	0.1	0.0	100	**0.1**	6.8	*C58*
Kidney	217	0	–	–	0.7	0.7	–	0.6	–	0.6	2.2	4.5	4.4	7.6	9.1	12.3	15.6	16.3	15.5	29.2	6.9	1.4	71	**2.6**	**6.5**	*C64*
Renal pelvis	60	0	–	–	–	–	–	–	–	–	0.6	1.0	–	0.4	–	3.4	4.6	5.3	8.4	11.2	1.9	0.4	77	**0.5**	10.3	*C65*
Ureter	71	0	–	–	–	–	–	–	–	–	–	0.5	–	0.9	1.6	3.4	7.4	6.7	11.0	8.2	2.3	0.5	80	**0.5**	7.2	*C66*
Bladder	311	0	–	–	–	–	–	–	0.6	1.2	–	3.5	2.2	7.6	7.5	10.3	18.8	24.9	50.5	54.7	9.9	2.0	85	**2.5**	**4.7**	*C67*
Other urinary organs	8	0	–	–	–	–	–	–	–	–	–	–	–	–	0.5	0.5	0.5	1.0	0.6	1.5	0.3	0.1	75	**0.1**	−3.3	*C68*
Eye	6	0	–	–	–	–	–	–	–	0.6	–	–	–	–	–	0.5	–	1.0	–	1.5	0.2	0.0	100	**0.1**	24.9	*C69*
Brain, nervous system	100	0	–	2.2	2.0	1.3	–	1.2	–	1.8	3.9	1.0	3.9	3.1	5.3	2.5	5.1	5.3	7.8	9.7	3.2	0.6	75	**1.9**	1.0	*C70-72*
Thyroid	362	0	–	–	0.7	1.3	6.2	7.3	5.1	10.6	10.0	18.5	18.0	20.0	18.7	15.2	15.2	13.9	16.2	12.7	11.5	2.3	92	**7.4**	−1.5	*C73*
Adrenal gland	7	0	0.8	–	–	–	–	–	–	–	–	–	–	0.4	0.5	0.5	–	0.5	1.3	–	0.2	0.0	71	**0.2**	2.1	*C74*
Other endocrine	5	0	–	0.7	–	–	–	–	–	–	0.6	–	–	–	–	1.0	0.5	–	–	–	0.2	0.0	60	**0.1**	9.5	*C75*
Hodgkin lymphoma	9	0	–	–	–	1.3	0.7	–	–	–	–	0.5	0.4	–	1.1	–	0.5	0.5	–	–	0.3	0.1	100	**0.3**	18.1	*C81*
Non–Hodgkin lymphoma	359	0	0.8	1.5	0.7	–	–	1.8	0.6	2.9	2.8	7.0	8.3	8.5	16.0	16.7	23.0	27.3	44.0	37.5	11.4	2.3	85	**4.3**	2.9	*C82-85,C96*
Immunoproliferative diseases	1	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.5	–	–	0.0	0.0	100	**0.0**	−24.2	*C88*
Multiple myeloma	155	0	–	–	–	–	–	–	–	–	–	1.0	2.6	2.2	5.9	7.9	11.9	16.3	20.7	17.2	4.9	1.0	70	**1.3**	3.6	*C90*
Lymphoid leukaemia	48	0	2.4	0.7	1.3	1.3	0.7	0.6	0.6	–	–	1.0	1.8	2.2	1.6	2.9	2.8	3.4	1.9	0.7	1.5	0.3	100	**1.2**	8.3	*C91*
Myeloid leukaemia	117	0	0.8	–	1.3	2.0	2.8	–	2.3	1.2	1.1	1.0	3.5	1.8	4.8	6.9	7.4	10.5	9.1	7.5	3.7	0.8	100	**1.9**	−2.0	*C92-94*
Leukaemia unspecified	13	0	–	–	–	–	–	–	–	–	0.6	–	–	0.4	–	0.5	1.4	–	0.6	4.5	0.4	0.1	69	**0.1**	−5.4	*C95*
Other and unspecified	335	0	2.4	–	–	–	2.1	0.6	1.1	0.6	0.6	3.0	4.8	5.8	8.5	6.9	17.5	27.8	44.7	74.2	10.6	2.2	55	**3.1**	**8.1**	*O&U*
All sites	15833	0	8.1	5.2	8.1	15.7	28.2	39.2	74.6	129.2	237.5	351.7	393.6	467.3	584.8	734.5	985.7	1229.8	1494.7	1977.6	502.1	101.8	78	**189.8**	**1.2**	*ALL*
All sites but C44	15558	0	7.3	5.2	8.1	15.7	28.2	39.2	74.0	127.5	236.4	349.2	390.5	464.2	578.4	726.1	969.1	1212.0	1462.3	1904.8	493.4	100.0	78	**187.5**	**1.1**	*ALLbC44*

* Average percentage annual change since Volume IX (1998–2002). Significant changes (95% confidence level, Miettinen method, page 869 of Volume VI) are shown in bold.

Age-specific rate (for all sites), age 0− is < 11.3

Age-specific rate (for all sites), age 5− is < 7.0

Editorial table 4: Values compared against standard values from registries in the same region; see the chapter text for more details

EREWHON (2003–2007)

MALE

S I T E	Cases	ASR (se)	O/E	MV(%)	DCO(%)	M/I(%)	ICD-10
Lip, oral cavity and pharynx	6968	14.5 (0.18)	0.98	91.2	7.2	38.9	C00–14
Oesophagus	3293	6.3 (0.11)	0.95	83.4	14.7	75.4	C15
Stomach	7481	**12.5 (0.15) <**	**0.83**	76.9	19.5	61.2	C16
Colon, rectum and anus	27365	47.3 (0.30)	1.09	85.6	13.1	38.4	C18–21
Liver	4185	**7.4 (0.12) >**	**1.26**	58.0	37.3	82.9	C22
Pancreas	5339	9.3 (0.13)	1.03	56.0	35.7	91.4	C25
Larynx	2280	**4.4 (0.10) <**	**0.88**	87.0	12.0	39.3	C32
Lung (incl. trachea)	20052	**35.2 (0.26) <**	**0.67**	**71.7 <**	25.1	83.0	C33–34
Melanoma of skin	5703	**11.5 (0.16) >**	**1.32**	94.7	3.7	20.8	C43
Prostate	46799	**79.2 (0.38) >**	**1.33**	86.3	11.1	**17.8 <**	C61
Testis	2922	8.5 (0.17)	1.07	**92.9 <**	2.1	3.6	C62
Kidney etc.	7345	13.4 (0.17)	0.92	84.8	13.1	41.4	C64–66
Bladder	12303	20.5 (0.19)	0.98	91.2	7.6	**16.5 <**	C67
Brain, central nervous system	2777	6.3 (0.13)	1.04	73.7	21.6	70.5	C70–72
Thyroid	1493	**3.3 (0.09) >**	**1.70**	93.5	5.0	**14.8 <**	C73
Lymphoma	7747	15.4 (0.19)	1.02	**81.7 <**	16.3	43.5	C81–88,C90
Leukaemia	4619	**9.5 (0.17) <**	**0.88**	70.3	29.0	62.0	C91–95
Ill–defined (2.2% of total)	3941	6.8 (0.11)	0.87	50.7	43.4	132.9	C76–80
All sites but non–melanoma skin	179172	324.2 (0.81)	1.02	81.6	15.8	43.7	C00–96bC44

FEMALE

S I T E	Cases	ASR (se)	O/E	MV(%)	DCO(%)	M/I(%)	ICD-10
Lip, oral cavity and pharynx	2076	3.7 (0.09)	1.04	89.5	8.8	33.4	C00–14
Oesophagus	741	1.1 (0.04)	0.84	76.2	22.0	75.6	C15
Stomach	6017	6.9 (0.11)	0.90	70.7	25.2	67.0	C16
Colon, rectum and anus	22635	28.1 (0.22)	1.02	80.4	18.1	41.7	C18–21
Liver	1621	2.1 (0.06)	1.02	48.5	46.7	93.8	C22
Pancreas	5433	6.2 (0.10)	1.01	44.8	47.5	93.6	C25
Larynx	274	0.5 (0.03)	0.85	84.7	14.2	40.5	C32
Lung (incl. trachea)	8461	13.1 (0.16)	0.95	72.2	24.3	78.4	C33–34
Melanoma of skin	5795	**11.3 (0.16) >**	**1.27**	94.8	3.8	15.3	C43
Breast	48551	**82.6 (0.41) >**	**1.15**	**86.9 <**	11.2	26.9	C50
Cervix uteri	3523	**7.1 (0.13) <**	**0.76**	89.5	8.4	31.8	C53
O&U part of uterus	8689	13.0 (0.15)	1.03	**88.8 <**	10.0	23.3	C54–55
Ovary	6672	10.4 (0.14)	1.01	**75.2 <**	21.8	64.9	C56
Kidney etc.	4702	6.6 (0.11)	0.89	79.9	17.6	40.9	C64–66
Bladder	4315	5.2 (0.09)	1.04	86.3	12.3	**25.0 <**	C67
Brain, central nervous system	2405	4.6 (0.11)	1.02	66.9	28.2	67.2	C70–72
Thyroid	3778	**8.4 (0.15) >**	**1.68**	94.3	4.5	**10.7 <**	C73
Lymphoma	7156	11.3 (0.16)	1.04	**77.8 <**	20.2	46.7	C81–88,C90
Leukaemia	3743	6.1 (0.13)	0.90	62.7	36.8	68.6	C91–95
Ill–defined (2.7% of total)	4228	4.5 (0.08)	0.89	38.9	55.1	114.0	C76–80
All sites but non–melanoma skin	158408	**243.8 (0.71) >**	**1.05**	79.4	18.1	44.0	C00–96bC44

Data compared with those from seven registries in the same region/country.
Significantly lower (<) or higher (>) values are shown in bold.

A detailed description of the statistical tests used can be found in the *Comparability and quality of data* chapter (page 72) of Volume VIII.

Chapter 6: Data processing

Jacques Ferlay, Eva Steliarova-Foucher, Sébastien Antoni, and Eric Masuyer

The call for data for Volume X of *Cancer Incidence in Five Continents* (CI5) was launched in September 2011, as described in Chapter 1. The call included detailed instructions about the content and format of the material to be submitted, and was disseminated to 596 identified cancer registries worldwide and posted on the website of the International Association of Cancer Registries (IACR). Registries wishing to submit data for inclusion in CI5 Volume X were asked to provide cancer incidence and mortality data, population data, a 350-word introductory text (narrative), a completed questionnaire, a coding schema, and other relevant information.

DATA FLOW

For this volume, CI5 data were collected semi-automatically for the first time. Registries were asked to submit all material via the Registries Portal, at a secure website (https://cinportal.iarc.fr/). The portal was developed as part of the EUROCOURSE project (http://www.eurocourse.org/), in collaboration with the National Cancer Registry Ireland and the Section of Cancer Surveillance (CSU) at IARC (Steliarova-Foucher et al., 2014). The portal is equipped with a series of programs that enable the automatic exchange of information between the cancer registries and CSU. Based on each registry's access credentials and the submitted data file type, uploaded files were automatically named and stored in an organized system of folders on an internal server at IARC. The submitting registry and the designated CSU staff members were notified of each submission by an automatically generated email. Throughout the process, the registries could review their submissions and manage their uploaded files at any time.

The portal was also used for communication between IARC and potential contributors during the editorial process. Requests for data correction or supplementary information, as well as decisions about registries' inclusion in the volume, were communicated through the portal. The relevant files were uploaded to the registry-specific *Feedback* section of the portal, where the registries could retrieve the files after being notified by an automatically generated email. The registries could then submit their responses and any revised or supplementary data in the same way as their initial material. A log of the files' movements on the IARC server was monitored by CSU.

Most of the invited registries submitted and exchanged data through the secured Registries Portal, but a few registries submitted zipped files by email. A schematic representation of the overall flow of data and processing steps is shown in Fig. 6.1.

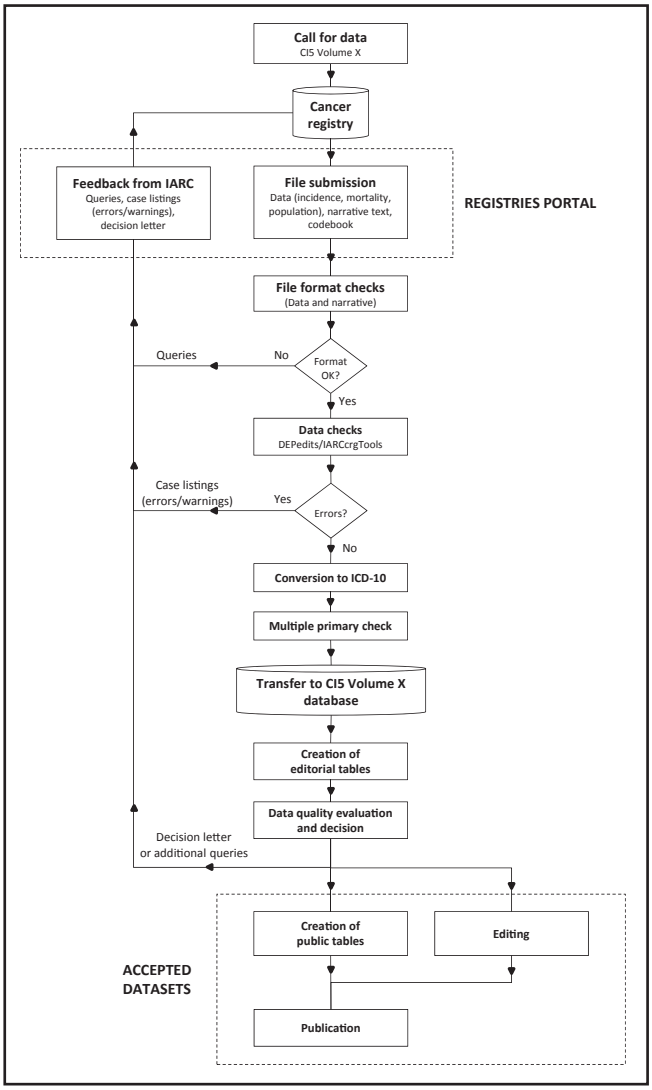


Fig. 6.1. A schematic representation of the overall flow of data and processing steps in the creation of Volume X of *Cancer Incidence in Five Continents*.

DATA PROTECTION

All raw, individual-level data collected for CI5 Volume X were stored on a secure protected server at IARC, to which only a limited number of selected CSU staff members had access. These data will not be used for any other purpose or transferred to any third party without the registries' explicit permission.

DATA PROCESSING

A total of 370 cancer registries submitted data in response to the invitation to participate in CI5 Volume X (see Chapter 1). Although the preferred file formats were specified in the study protocol, data were received in several electronic formats (text files, spreadsheets, database files, etc.), with varying layouts. The first step of data processing therefore included a quick check of the files' contents (sometimes resulting in a request for additional material), as well as some reorganization and formatting.

About 40 million individual cancer records were received and processed by IARC. Coupled with mortality files, preliminary datasets representing 545 populations (including various ethnic groups) were produced and reviewed by the editors (see Chapter 5). All submitted data were processed and checked by IARC using automated in-house processes based on standard measures of data quality.

The IARC software packages DEPedits and IARCcrgTools (Ferlay et al., 2005; available from http://www.iacr.com.fr/) were used to check and convert the data. All programs used to process, check, and convert the data and create the tables were written in Stata and C++. The thousands of tables produced during the editorial process for publication online and in this volume were generated in PostScript format and converted to PDF.

Incidence data

Registries were asked to submit their incidence data as individual anonymized case listings including all malignant tumours and non-malignant tumours of the bladder, collected for the longest period possible, and to include incident diagnoses for a minimum of 3 consecutive years within the period of 2003–2007. Each record contained at least the following variables:

1. A registration number that uniquely identified the patient
2. Sex
3. Ethnic group or race (optional)
4. Birth date and/or age at incidence date
5. Incidence date
6. Tumour site (topography)
7. Tumour morphology
8. Tumour behaviour
9. Most valid basis of diagnosis.

Descriptions of the codes used for each variable were also required. However, it was not unusual for code values not to match the descriptions provided, or for coding information to be missing. In such cases, the registry was asked for clarification and to provide the correct codes if necessary. This was particularly important for calculating the percentage of microscopically verified or death-certificate-only (DCO) cases, for evaluating the important indicators of data quality influencing the decision to include a dataset in the volume, and for determining the potential designation of data with an asterisk.

CONVERSION TO ICD-O-3

Although 96% of the registries (356/370) submitted data already coded to ICD-O-3 (Fritz et al., 2000), 16 datasets had to be converted to ICD-O-3 before they could be processed by the program. The alternative coding systems used were ICD-O-1 (WHO, 1976), ICD-O-2 (Percy et al., 1990), and sometimes combinations of ICD-9 (WHO, 1977) or ICD-10 (WHO, 1992) topography with ICD-O morphology. Conversion from ICD-9 or ICD-10 combined with ICD-O required partitioning of the original file into two or more files; each was then converted separately using the appropriate program, then merged. These preliminary conversions helped to detect incompatibilities between ICD-9 or ICD-10 codes and the ICD-O system. Any incompatible records were sent back to the registry for review and correction.

Although ICD-O-3 clearly states that behaviour codes /6 and /9 should not be used by cancer registries (ICD-O-3, p. 27), these codes did appear in a few datasets, casting doubt on the accuracy of the corresponding topography codes. Usually, the provided topography code was assumed to represent the site of the primary tumour. When this was evidently not the case (e.g. carcinomas in lymph nodes or bone), a list of such cases was sent back to the registry with a request for clarification. As a last resort, these cases were recoded to topography C80.9 (primary site unknown), the provided morphology code was retained, and the behaviour code was set to /3.

CHECKING

All datasets with complete ICD-O-3 coding of tumour site, morphology, behaviour (and optionally grade), and basis of diagnosis were run through the IARC-CHECK program included in the IARCcrgTools package, which performed the following checks:

1. Code verification
   - Sex
   - Incidence date (and birth date, if provided and complete)
   - ICD-O-3 topography, morphology, and behaviour

2. Consistency between items
   - Age versus birth and incidence dates
   - Sex versus site
   - Sex versus histology
   - Age versus site
   - Age versus histology
   - Site versus histology
   - Basis of diagnosis versus histology.

Registries submitting data for Volume X were invited to run their data through the IARC-CHECK program before submission, and a large number of contributors did so. The datasets of registries using CanReg software (available from http://www.iacr.com.fr/) were checked using the equivalent built-in functionalities. All datasets were rechecked by IARC staff. Any errors or unlikely or rare combinations of items were sent back to the registry for verification, unless they were already flagged as double-checked. The received corrections and resubmissions were then consolidated, converted if necessary, and rechecked to ensure that no further errors were found. More than

one cycle of data validation was required for many of the datasets.

MULTIPLE PRIMARIES

All records included a unique patient and tumour identification number, so it was possible to check for multiple primary tumours occurring in the same patient using the multiple primary check program included in the IARCcrgTools package. The software lists all sets of tumours recorded for a single patient that should be considered a single primary tumour according to the IARC/IACR rules specifically defined for ICD-O-3 (IARC, 2004). The longer the time period for which data were submitted, the more complete the identification of multiple primary tumours in the reference period of 2003–2007.

CONVERSION TO ICD-10

When no errors remained, the incidence data were converted from ICD-O-3 to ICD-10, to ensure that the ICD-10 categories resulted from the same conversion process (ICD-O-3 to ICD-10) for all cancer registries. The ICD-O-3 to ICD-10 conversion program was written at IARC and is based on the rules defined in *Conversion of Neoplasms by Topography and Morphology from ICD-O-2 to ICD-10* by Percy (1998). In summary, each new ICD-O-3 morphology code (as listed in Appendix 1 of ICD-O-3) was converted first to the closest ICD-O-2 morphology code using the ICD-O-3 to ICD-O-2 conversion program (Fritz and Ries, 2001), and then the corresponding ICD-O-2 to ICD-10 conversion rule was applied. For example, the ICD-O-3 code M8174/3 (Hepatocellular carcinoma, clear cell type) was converted to the ICD-10 code C22.0, following the rule that applies to the ICD-O-2 code M8170/3 (Hepatocellular carcinoma, not otherwise specified [NOS]).

The conversion rules strictly follow the ICD-10 coding rules expressed in the instruction manual of ICD-10 Volume 2 and the alphabetical index of ICD-10 Volume 3. For example, the combination of unknown primary site (ICD-O-3 topography code C80.9) and fibrosarcoma, NOS (ICD-O-3 morphology code 8810/3) was converted to ICD-10 code C49.9 (Connective and other soft tissues, NOS; see ICD-10 Volume 2, p. 74). The ICD-O-3 codes M995_, M996_ (myeloproliferative disorders [MPD]), and M998_ (myelodysplastic syndromes [MDS]), for which no ICD-10 code in the malignant C category exists, were converted to the ICD-10 codes D45, D46_, and D47_ (i.e. non-malignant tumours), respectively, and are included and presented in the tables under the categories MPD and MDS.

When a dataset was submitted with cases coded to ICD-10 for topography and ICD-O-2 for morphology, the conversion process sometimes produced ICD-10 codes different than those originally provided in the submitted file, as shown in Table 6.1.

In the example shown in Table 6.1, the final ICD-10 code is sex-specific and differs from the code provided in the original record. Generally, such changes in ICD-10 codes occurred when a registry did not strictly follow the rules in the ICD-O manuals; in the example shown in Table 6.1, Sertoli cell carcinoma (M8640/3) should have been coded to testis (C62.9) if the site of the tumour was not specified (rule 8 of ICD-O-2 or rule H of ICD-O-3). The ICD-10 code for unspecified site was recoded to skin (C43.9) or bone (C41.9) if the morphological diagnosis was malignant melanoma, regressing (M8723/3) or osteosarcoma (M9180/3), respectively. This example explains why the original ICD-10 codes provided (if any) were not used in the final tabulations.

For certain morphological codes, the conversion was independent of topography. For example, hepatocellular carcinoma (M8170/3) was automatically converted to the ICD-10 code C22.0, irrespective of the ICD-O topography code (whether specific or unknown). Thus, the combination of ICD-O-3 topography code C34.9 (lung, NOS) and morphology code 8170/3 was converted to ICD-10 code C22.0, because the original combination of topography and morphology was obviously incorrect. It was the detection of this kind of error that inspired the creation

Table 6.1. Conversions of datasets with cases coded to ICD-10 for topography (T) and ICD-O-2 for morphology (M)

Classification	Original coding	First conversion	Second conversion	Third conversion
ICD-10	C80 – Unknown primary			C62.9 – Testis, not otherwise specified (NOS)
ICD-O-2 (T)		C80.9 – Unknown primary		
ICD-O-2 (M)	8640/3 – Sertoli cell carcinoma	8640/3 – Sertoli cell carcinoma		
ICD-O-3 (T)			C80.9 – Unknown primary	
ICD-O-3 (M)			8640/3 – Sertoli cell carcinoma	

of the first version of the IARC-CHECK program, and these errors were detected during the checking process described earlier in this chapter.

MISCELLANEOUS CONVERSIONS

In addition to tumour topography and morphology, certain other variables (sex, basis of diagnosis, ethnic group or race, and dates) were also recoded to a common system according to the descriptions supplied by the registries. When necessary, the basis of diagnosis variable was recoded following the ICD-O-3 scheme, and for a few registries, the incidence dates required conversion to the Gregorian calendar. After conversion to a common dictionary, the incidence data corresponding to each registry were added to the CI5 Volume X database.

Mortality data

Together with their data on cancer cases, the registries were asked to provide official cancer mortality data for the reference period (2003–2007), ideally for each calendar year of the period. For the national cancer registries, mortality data were extracted from the WHO Mortality Database (http://www.who.int/healthinfo/statistics/mortality_rawdata/en/) by IARC staff. The mortality data were used for editorial purposes as an indicator of the completeness of registration. Because the data were generally provided in tabular form for the available ICD-9 or ICD-10 three-digit categories by sex and 5-year age group, only checks for the validity of the ICD code and the combination of sex and site were performed. The data provided by some registries were grouped into wider cancer sites or age groups than conventionally used, and therefore had to be reformatted before being processed by the series of editorial programs and added to the CI5 Volume X database. Some registries supplied mortality data based on the cancer registry dataset. Such data were not considered by the volume editors to represent official mortality data.

Population data

The registries were required to submit population denominators for each individual year of the reference period, by sex and 5-year age groups. In the absence of corresponding data sources, a population denominator for a single central year of the reference period was accepted. The population data were checked first by careful examination of the data file, then by comparing the age distribution with that from the previous CI5 volume, if available. Unexpected changes in the age structure or in the total population by year and sex were identified and queried. After examination, the population files were formatted and added to the CI5 Volume X database.

THE CI5 VOLUME X DATABASE

The CI5 Volume X database contains all the incidence, mortality, and population datasets supplied by the registries and checked by IARC for the project, irrespective of whether they were ultimately selected for inclusion in the volume itself. Incidence data were supplied for all malignant neoplasms, as well as non-malignant (except benign) neoplasms of the bladder. The data are stored as a listing of individual records (without patient identification numbers, which are no longer necessary) containing the eight compulsory variables, with topography and morphology coded to ICD-O-3 together with the corresponding ICD-10 code used for tabulation. The database is hosted and maintained on a protected server at IARC, with access restricted to identified CSU staff members.

CONCLUSION

The complete process of data checking and validation conducted by IARC in collaboration with the cancer registries took several months. The help provided by those contributors who converted and checked their data before submission was greatly appreciated. Although prompt data provision is of the utmost importance, this importance is counterbalanced by the necessity of validating and ensuring the comparability of the global cancer incidence data. Online publication of the data ahead of the printed version provided earlier public access to the results.

The data processing methods described in this chapter resulted in the standardization of the information provided, which allowed the CI5 editors to compare datasets within large defined geographical regions, as described in Chapter 5. The CI5 data validation processes contributed substantially to the overall quality and comparability of the data from all submitting registries, as well as to data harmonization, with the benefit extending beyond this publication.

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Chapter 7: Age standardization

Freddie Bray and Jacques Ferlay

INTRODUCTION

Age is a key determinant of the risk of developing every type of cancer in all populations worldwide (Armitage and Doll, 1954). In addition, the age structures of the registry populations included in this volume vary widely. For these two reasons, any global comparisons of incidence rates must be made independent of the effects of age in order to be meaningful. This chapter briefly discusses the summary measures used for this purpose in the preparation of *Cancer Incidence in Five Continents* (CI5), allowing for comparisons of incidence across populations (within Volume X) and within the same population over time (across consecutive volumes).

In each of the previous nine volumes of CI5, we have emphasized that an age-specific examination of cancer incidence rates is an essential exploratory step in any comparative analysis, and Volume X is no exception. Graphical displays of age-specific rates may reveal possible artefacts in the data or provide insight into the biology and etiology of cancer in the population or populations under study. The online resources available at http://ci5.iarc.fr (and the graphical facilities within) allow for a visual inspection that complements the tabulated summaries in the published volume.

To compare incidence across multiple populations or time points, we require a summary measure that absorbs the schedule of age-specific rates in different registries and across time. The crude rate does not take into account the varying age structures in the underlying populations. Therefore, as in previous volumes, two standardized measures – the age-standardized rate and the cumulative rate – are presented; this enables comparisons of cancer risk between registries, independent of the effects of age.

A brief description of the properties of these summary measures is given below, together with the principal calculations involved. Readers who wish to explore the topic in more depth should consult the chapters by Smith (1992) and Day (1992) in CI5 Volume VI. The books by Jensen et al. (1991), Dos Santos Silva (1999), and Kirkwood and Sterne (2003) include chapters that discuss in practical terms the age standardization of cancer data, while Estève et al. (1994) give a more theoretical account of the underlying methodology.

CALCULATING AGE-STANDARDIZED RATES

The age-standardized incidence rate is the summary rate that would have been observed, given the schedule of age-specific rates, in a population with the age composition of some reference population, often called the standard population. Calculation of the standardized rate is an example of direct standardization, whereby the observed age-specific rates are applied (directly) to a theoretical standard population. The calculation is illustrated in Table 7.1, for lung cancer incidence among males in Haut-Rhin, France (2003–2007), using the world standard population first introduced by Segi (1960), drawn from a pooled population of 46 countries and modified for the first volume of this series by Doll et al. (1966). The Segi–Doll world standard is used in this and all previous volumes of CI5 as a means to rapidly examine geographical and temporal variations in cancer risk.

The main criticism levelled at age-standardized rates concerns the need to select an arbitrary standard population; age-standardized rates can only be meaningfully compared if they refer to the same standard. Although it is clear that the age composition of the world standard is representative of neither the present nor the future age-specific global population, switching to a more up-to-date standard would only be worthwhile if it could provide benefits that outweighed the drawbacks of rendering the Segi–Doll standardized rates obsolete. However, it has been shown that although very different absolute values of age-standardized rates are obtained using different standards, the estimates of age-adjusted relative risk (the main purpose of such routine comparisons) are quite similar (Bray et al., 2002). Therefore, the main effect of changing the standard to a more up-to-date representation of the global population would be the inconsequential result that the value of the age-standardized rate would be closer to that of the crude rate. Accordingly, for both theoretical and practical reasons, the age-standardized rates in this volume are calculated as previously, using the age composition of the Segi–Doll world standard, shown in Table 7.1.

Age groups are indexed by the subscript i, d_i is the number of cases in age group i, y_i is the number of person-years at risk in age group i, and w_i is the number of individuals in (or the weight of) age group i in the world standard population. The crude rate per 100 000 per year is therefore calculated as follows (using the data presented in Table 7.1 as an example):

$$10^5\left(\sum_i d_i\right)\Big/\left(\sum_i y_i\right) = 10^5 \times 1366/1815\,179$$
$$= 75.25$$

Table 7.1. Calculation of age-standardized incidence rates: lung cancer (ICD-10 C33–34), France, Haut-Rhin, males (2003–2007)

Age group (years) i	No. of cases d_i	Person-years at risk y_i	Age-specific incidence (per 10^5 years) $10^5(d_i / y_i)$	Standard world population w_i	Expected no. of cases in standard world population $d_i w_i / y_i$
0–4	0	116 393	0.00	12 000	0.00
5–9	0	117 111	0.00	10 000	0.00
10–14	0	118 902	0.00	9 000	0.00
15–19	0	122 085	0.00	9 000	0.00
20–24	0	113 482	0.00	8 000	0.00
25–29	0	112 071	0.00	8 000	0.00
30–34	0	129 930	0.00	6 000	0.00
35–39	2	143 815	1.39	6 000	0.08
40–44	15	144 361	10.39	6 000	0.62
45–49	78	137 093	56.90	6 000	3.41
50–54	134	133 354	100.48	5 000	5.02
55–59	168	116 645	144.03	4 000	5.76
60–64	175	85 151	205.52	4 000	8.22
65–69	212	73 461	288.59	3 000	8.66
70–74	258	64 321	401.11	2 000	8.02
75–79	204	47 399	430.39	1 000	4.30
80–84	99	26 865	368.51	500	1.84
85+	21	12 740	164.84	500	0.82
Total	1 366	1 815 179	75.25	100 000	46.78

And the age-standardized rate is calculated as follows:

$$\sum_i d_i w_i / y_i = 46.78$$

In this example, the age-standardized rate is 38% less than the crude rate in the same 5-year period. This is because the world standard population has proportionally fewer individuals in the older age groups than does the actual registry population, and the risk of disease (according to the age-specific rates) is higher at older ages.

CUMULATIVE RATE AND CUMULATIVE RISK

The cumulative rate is the sum of the age-specific rates over each year of age from birth to a defined upper age limit. Because age-specific incidence rates are usually computed for 5-year age intervals, the cumulative rate is then 5 times the sum of the age-specific rates calculated over the 5-year age groups, assuming the age-specific rates are the same for all ages within a 5-year age group. In the example of lung cancer incidence in males in the France, Haut-Rhin registry population, all the age groups are 5 years wide, so the cumulative rate from ages 0 to 74 is calculated as follows:

$$5\sum_i d_i / y_i = 5 \times 1208.41 \times 10^{-5}$$

$$= 0.0604$$

The cumulative rate is in fact not a rate at all but a dimensionless quantity most conveniently expressed as a percentage. In the example above, the cumulative rate up to the age of 74 years would be given as 6.04%.

The age span over which a rate is accumulated must be specified. In this volume, the age ranges 0–64 years and 0–74 years are used to provide two representations of the lifetime risk of developing the disease. Other age ranges may be more appropriate for more specific purposes, such as investigating childhood cancers.

The cumulative rate's companion – the cumulative risk – is defined as the probability that an individual will develop the disease in question during a certain age span, in the absence of other causes of death. If the cumulative risk in an age range is less than 10%, as is the case with most tumours, it can be approximated very well by the cumulative rate. Table 7.2 shows the correction needed to convert the cumulative rate into the cumulative risk. For values under 10%, the difference between the two is small. The precise mathematical relationship between the cumulative rate and the cumulative risk is as follows:

$$\text{cumulative risk} = 1 - \exp(-\text{cumulative rate})$$

Continuing with our example, the cumulative risk is 5.86%, and thus the estimated risk for a male in Haut-Rhin of developing lung cancer between the ages of 0 and 74 years is estimated as 5.9%. In other words, approximately 1 in 17 males would develop lung cancer in the defined region within the specified lifetime, assuming no other causes of death.

Table 7.2. Conversion of cumulative rates, 100*x*, into the corresponding cumulative risks, 100(1–e^{-x})

100*x*	0.1	0.5	1.0	5.0	7.0	10.0	15.0	20.0	30.0	40.0	50.0
100(1–e^{-x})	0.1	0.499	0.995	4.88	6.76	9.52	13.93	18.13	25.92	32.97	39.35

The cumulative rate has two principal advantages over the age-standardized rate. First, because it is a form of direct standardization, the problem of choosing an arbitrary reference population is eliminated. Second, as an approximation of the cumulative risk, it has a greater intuitive appeal, and is more directly interpretable as a measurement of lifetime risk, assuming no other causes of death.

CALCULATING THE STANDARD ERROR

Both the age-standardized rate and the cumulative rate are weighted sums of the age-specific rates, so the standard error can be derived in both cases from the same formula. If the age-specific rate in age group *i* is estimated from d_i cases and y_i person-years, then the age-standardized rate (with w_i representing the standardization weights) is

$$\sum_i d_i w_i / y_i$$

with an estimated variance (based on the Poisson distribution) of

$$\sum_i d_i \left(w_i / y_i\right)^2$$

and an estimated standard error of

$$\sqrt{\sum_i d_i \left(w_i / y_i\right)^2}$$

For the age-standardized rate, the weights are given by the number of individuals in each age group per 100 000 in the standard population. For the cumulative rate, the weights are equal to the widths of the age groups. When all age groups are 5 years wide, the expression for the standard error (SE) of the cumulative rate (expressed as a percentage) reduces to:

$$\text{SE}\ (\text{cumulative rate}) = 500\sqrt{\sum_i d_i / y_i^2}$$

For the example of lung cancer in males in the France, Haut-Rhin registry population, the estimates (with standard errors) are 46.8 (1.31) for the rate standardized to the world population and 6.04 (0.19) for the cumulative rate (ages 0–74).

CASES OF UNKNOWN AGE

The age-standardized rate and the cumulative rate are necessarily corrected for cases of unknown age that occur within the CI5 registry datasets. The correction procedure involves multiplying the summary measure (based on cases of known age) by *T*/*K*, where *T* is the total number of cases of cancer of the same type in individuals of the same sex, and *K* is the number of cancers occurring in individuals of known age. The standard errors are also multiplied by the same correction factor (*T*/*K*).

This correction relies on the assumption that the cases of unknown age are randomly distributed, and therefore have the same age distribution as the cases of known age. In other words, the correction assumes that the probability that the age of a case is unknown does not depend on the age of the case. Although this assumption probably does not hold – it is more likely that age is not recorded among older patients – it is nevertheless important that all registered cases are accounted for, so that the summary statistics are not underestimated.

AVAILABILITY OF DATA FOR UPPER AGE GROUPS

The precision of rates calculated using direct standardization varies according to the number and width of the age groups used. Age-standardized rates, for example, yield slightly different values depending on the extent to which population data are available for the oldest age groups (aged 75 years or more). For most registries, census data are available for the same 18 age groups shown in Table 7.1, enabling the calculation of rates for the upper age ranges of 75–79, 80–84, and 85+. However, some registries can only obtain population data for 15, 16, or 17 age groups, and thus the oldest age groups instead correspond to individuals aged 70+, 75+, or 80+, respectively. As an example of the effect of this difference, the age-standardized rate of 46.8 for lung cancer incidence in males in the France, Haut-Rhin registry population changes to 47.3 when only 16 age groups are used in the calculation instead of all 18 age groups.

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Chapter 8: Data availability and presentation

Eva Steliarova-Foucher, Jacques Ferlay, David Forman, Marion Piñeros, and Betsy Kohler

Since the beginning of the *Cancer Incidence in Five Continents* (CI5) series, the number of populations for which data are presented has increased dramatically, from just 34 populations in Volume I (Doll et al., 1966) to 424 populations in Volume X. As a result, the number of pages of the monograph has increased from 244 to more than 1400. The amount of information available about each population has also increased. Over the past five decades, data have progressively become available for more tumour types, data quality indicators have become more detailed and varied, and comparisons between registries have increasingly included descriptions of the registration techniques used. But the growing number of populations with data available for comparison has also necessitated a reduction of the variety of statistics presented for each registry in the printed publication. Fortunately, with the development and ever increasing accessibility of computer technology, data can now be provided online in much more detail than is possible in the printed version. Detailed data from the first eight volumes of CI5 were first published online in 2003 (Parkin et al., 2005), and online data from all 10 volumes are now available.

This chapter describes the information and data available in the printed version of CI5 Volume X, and provides guidance for accessing the information from CI5 online.

CI5 VOLUME X

CI5 Volume X provides data on cancer incidence for the period of 2003–2007, as well as pertinent information about the collection of these data. The volume is available in three formats: a printed scientific publication, a downloadable portable document file (PDF) (IARC, 2014a), and an online resource (see Table 8.1) (Forman et al., 2013; IARC, 2014b). The content of these three versions overlaps, although some material is unique to a specific format, as shown in Table 8.2 and described in the following subsections of this chapter.

Contributors

As in the previous volumes of CI5, a cumulative overview of contributing registries is provided in Chapter 1 of this printed volume. Each registry that contributed to any of the CI5 volumes is listed, along with the time period of incidence included in each volume. This allows readers to ascertain all the registries contributing to each individual volume, as well as the length of time a given registry has been contributing its data.

A similar overview can be found online, in the form of a map for Volume X under the *About* > *Contributors* menu option on the CI5 Volume X website, and as a list for each of the previous volumes under the *About* > *Cancer registry list* menu option on the CI5 Volumes I–X website.

Single registry entries

In all lists, the registries are sorted by alphabetical order in English: first by continent, then country name, then the name of the region within the country (if the registry is not national). The naming conventions used

Table 8.1. CI5 online information sources

Online source	Contents	URL
CI5	Access to the cluster of CI5 websites	http://ci5.iarc.fr/
CI5 Volume X	Data, information, analysis, and downloads for Volume X (the present volume)	http://ci5.iarc.fr/CI5-X/
CI5 Volumes I–X	Data, information, analysis, and downloads for Volumes I to X	http://ci5.iarc.fr/CI5I-X/
CI5*plus*	Data, information, analysis, and downloads from selected registries contributing for a long period of time, aiming for analysis of time trends	http://ci5.iarc.fr/CI5plus/
CI5 PDFs	Exact PDF versions of the printed Volumes VIII, IX, and X, available from the IARC website	http://www.iarc.fr/en/publications/pdfs-online/epi/index.php

Table 8.2. Data available in CI5 Volume X and the online publications of the CI5 series

		Online publications										
Volume	**X (print)**	**X**	**IX**	**VIII**	**VII**	**VI**	**V**	**IV**	**III**	**II**	**I**	**CI5*plus***
Baseline information and data												
List of contributors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Registry-specific texts	✓											
Sex-specific registry population pyramids	✓											
Top-10 cancers table	✓											
Techniques of registration (registry-specific)	✓											
Data quality indices	✓	✓	✓	✓	✓	✓	✓					
List of tumour categories	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Comparative tables by three-digit ICD	✓	✓										
Comparative tables by four-digit ICD		✓										
Comparative tables by histological group		✓										
Online analysis												
Production of tables												
Tabulated age-specific rates		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sex-specific registry population pyramids		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tabulated rates compared across registries		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tabulated rates compared across tumour sites		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tabulated rates compared across CI5 volumes							✓					
Tabulated rates compared across calendar years												✓
Production of graphs, numbers, and statistics												
Age-specific rates		✓										✓
Incidence time trends for a single age range		✓										✓
Incidence time trends for selected age groups		✓										✓
Incidence time trends for birth cohorts												✓
Population pyramids												✓
Export of the results		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Specific analytical software (Windows-based)				✓	✓							
Downloads												
PDF version of the printed publication		✓	✓	✓								
• plus registry-sex-age-specific incidence tables		✓	✓	✓								
• plus comparative tables by four-digit ICD		✓	✓	✓								
• plus comparative tables by histological group		✓	✓	✓								
Tabulated data from the printed volume in comma-separated values (CSV) format		✓	✓	✓	✓	✓						
Tabulated data from the online application												✓
Detailed aggregated data (> 240 tumour entities)		✓	✓	✓	✓							
Detailed aggregated data (181 tumour entities)												✓

for the geographical entities were guided by the United Nations standards (United Nations, 2012). Each population label includes the name of the country, the name of the region (if applicable), the name of the subpopulation (such as racial or ethnic group, if applicable), and the time period of data contribution. Registry-specific entries constitute the largest section, of approximately 800 pages, located in the middle of the printed publication.

Narratives
Each contributing registry provided a short text (limited to 350 words) describing the registration area, the population covered, the cancer care facilities, the data acquisition and processing techniques, the source(s) of population data, and other information useful for interpreting the data. Publications providing further details are also cited in this section. The narratives are included in this printed volume, and can also be downloaded as a component of the PDF version of the publication.

Population pyramids
For each population defined by a registry, a population pyramid is provided, showing the average annual person-years at risk during the reference period, for males and females, in 5-year age groups. The number of age groups depends on the age distribution of the population data provided. The horizontal bars of the pyramids represent the percentage contribution of each sex–age group to the total population. References to the population sources are provided. The population pyramids are presented in this printed volume, and are also included in the registry summary tables available for download online.

Cancer data
Based on the submitted data, the registry narratives are supplemented with tables showing the sex-specific age-standardized rates per 100 000 population observed in each registry area during the reference period for the 10 most common cancers, and for all sites combined.

In addition, a one-page overview table per population presents sex-specific statistics for all ages: the total number of cases, the percentage contribution of each cancer site to the total, and the incidence rates (crude and standardized rates per 100 000, and cumulative rates for the age ranges 0–64 and 0–74 years, expressed as percentages). The standardization is based on the world standard population (Segi, 1960), and the methods used are described in Chapter 7 of this volume. The cancer sites are arranged in ascending order of ICD-10 codes, which are displayed along with the site labels. Where applicable, these tables are provided for each subpopulation defined by the registry.

Detailed population-specific data are available exclusively online, under the heading *Tables (PDF) > Registry summary tables* on the CI5 Volume X website. In addition to the population pyramid and the one-page overview table described above, sex-age-specific incidence rates for 63 cancer sites, defined in Chapter 3, and the two combined totals of all cancers (including and excluding non-melanoma cancers of the skin) are tabulated on two pages, one for each sex. In addition to the statistics described above, these detailed tables include the numbers of cases with unknown age (if any) and the age-specific incidence rates for up to 18 age groups.

Asterisks
The entries for some registries or populations are marked by an asterisk preceding the registry label. This asterisk indicates that data comparability may be reduced for the reasons listed under the heading "Notes on the data" within the registry narrative. The procedure leading to such a designation is described in full in Chapter 5.

Comparative cancer incidence tables
The comparative incidence tables show incidence data for a single group of neoplasms across all populations included in the volume. Each comparative incidence table is sex-specific and spreads across four pages, listing the included populations vertically. There are three types of comparative cancer incidence table, differing by the definition of the presented neoplasms. Each set of tables is arranged in ascending order of ICD-10 codes; showing the aggregated totals first.

Summary tables by site (ICD-10 three-digit rubrics): The first set of tables shows all cancers combined (including and excluding non-melanoma skin cancers), the 63 three-digit (ICD-10) cancer sites described in Chapter 3, and the two grouped categories "Colorectal" and "Leukaemia". Each table for these categories shows sex-specific data for all ages combined, including the number of cases, the age-standardized incidence rate (using the world standard population), and the cumulative incidence rate for the age range 0–74 years. The rates are accompanied by their standard errors. As in the registry-specific tables, an asterisk preceding the registry label refers to the relevant registry-specific notes provided on the corresponding registry narrative page. These comparative tables run from page 918 to 1252 of the printed book, under the title *Age-standardized and cumulative incidence rates and standard errors*, and they are also available online under the heading *Tables (PDF) > Tables by site (3-digit category)* on the CI5 Volume X website. Chapter 3 provides an overview of the usage of international classifications (WHO, 1977; WHO, 1992; WHO, 1976; Percy et al., 1990; Fritz et al., 2000) for coding reported cancer diagnoses in cancer registries, as well as the inclusion rules of selected non-malignant neoplasms reportable by the contributing registries.

Summary tables by site (ICD-10 four-digit rubrics): The second set of tables has the same structure as the first, and shows data for detailed site categories (WHO, 1992), as listed in Table 8.3 at the end of this chapter. These categories can only be found online, and are accessible under the heading *Tables (PDF) > Tables by site (4-digit category)* on the CI5 Volume X website.

Summary tables by histological type: The third set of comparative tables shows data for histological

type groups for 15 selected cancer sites. These sex-specific tables list the total number of cases, the number of cases that were microscopically verified, and the age-standardized incidence rates for each defined histological group. Chapter 4 describes how the 15 selected cancer sites were divided into relevant histological type groups. These tables can be found online under the heading *Tables (PDF) > Tables by histological type* on the CI5 Volume X website.

Comparison of registration practices

Each submitting cancer registry completed a questionnaire describing their registration practices during the reference period of 2003–2007, as described in Chapter 2. The tabulated data include registry location, size of the population covered, year data collection began, reporting rules, data sources, data items recorded, and follow-up for vital status. These data are available online on the CI5 Volume X website under the *Techniques of registration* heading in two tables: *Registry background* and *Case finding and abstracting*. This information helps in the interpretation of the observed patterns of cancer incidence.

Indices of quality and comparability

All submitted datasets were subjected to computerized records checks and editorial review. The decision as to whether to include a given dataset in Volume X was largely based on the data quality indicators, such as percentage of microscopically verified diagnoses, percentage of cases reported from death certificates only, mortality-to-incidence ratios, age-specific and temporal distribution of cases, and other factors, as described in Chapter 5. Some of the data quality indicators are tabulated in Chapter 5 (e.g. the presence of active screening programmes). Other indicators are presented systematically for all registries in the site-specific tables titled *Indices of data quality* located at the end of the printed volume. The tables can also be found online under the *Tables (PDF) > Indices of data quality* menu option on the CI5 Volume X website. These tables were generated for 22 selected major sites or groups of cancer sites, as well as for the total of all sites combined. The indicators shown, for each sex, include number of cases, percentage of microscopically verified diagnoses [MV(%)], percentage of cases registered on the basis of death certificate only [DCO(%)], and mortality-to-incidence ratio [MI(%)] – the ratio of the number of cancer deaths to the number of cancer cases.

Online analysis

The CI5 Volume X website includes a heading for *Online analysis* routines, which can produce three types of output. The *Table by cancers* option lets users create a table showing the number of cases and the crude, age-standardized, and cumulative rates for each of the defined ICD-10 cancer sites, for a selected sex and age range (within the 18 five-year age groups) and a selected population or combination of populations. The results can be sorted by ICD-10 category or by any of the provided statistics. The *Table by populations* option lets users create a table showing the above-listed statistics for a single cancer site or a combination of cancer sites, for all populations included in Volume X or for the choice of continent(s) indicated by the user. The entire table is sex-specific, and users can restrict the age range and sort the results. The *Age-specific curves* option can provide up to 12 age-specific curves for a given population or combination of populations, tumour site or group of tumour sites, age range, and sex. Users can specify a title for the output graph (if more than one population or cancer is grouped), the line style, and other options. The underlying data used to generate the tables and graphs can be exported as comma-separated values (CSV) files.

CI5 VOLUMES I TO X ONLINE

The data of all 10 CI5 volumes are available online at http://ci5.iarc.fr/CI5I-X/. Under the *About* tab, the website provides an overview of the contributing cancer registries through the *Cancer registry list* menu option, an equivalence table of the cancer sites used in different periods through the *Cancer dictionary* option, *Notes* specific to the individual volumes, and other relevant information. Under the *Indices of data quality* tab, indices of data quality are tabulated for Volumes V to X according to principles similar to those already described for Volume X.

The *Online analysis* tab provides options for users to analyse the data published in all CI5 volumes, with outputs similar to those described for the specific CI5 Volume X website. One exception is age-specific data, which are displayed in the form of a table rather than a graph. Additionally, assessment of temporal trends is possible using the *Standardized rates by > Volumes* option, whereby the numbers of cases and incidence rates from all CI5 volumes can be tabulated for a selected cancer site, population, sex, and age range. The data from all generated tables can be exported to standard CSV files.

CI5*plus *SOFTWARE

CI5*plus* (Ferlay et al., 2014) provides online software to help users explore cancer incidence trends for registries that were included in at least three consecutive volumes of CI5, including Volume X. CI5*plus* contains updated annual incidence rates for 118 selected populations from 102 cancer registries published in CI5, for the longest period available (up to 2007), for all cancers and 27 major types.

CI5*plus* should be used in conjunction with the original CI5 publications, because differences over time in registration practices and changes in coding may influence the interpretation of the incidence time trends. A full description of this online system is provided in the publication accompanying the first release of CI5*plus* (Parkin et al., 2005).

CITING CI5 SOURCES

A new CI5 volume is published approximately every 5 years by the International Agency for Research on Cancer (IARC) in collaboration with the International Association of Cancer Registries (IACR). Each volume provides comparable high-quality cancer incidence data in the countries or regions where they are

collected. These data provide a baseline for generating knowledge of cancer causes and control. The online publication of the data enables any interested user to compare cancer rates across diverse populations.

CI5 is the fruit of collaboration among thousands of people worldwide over more than five decades. Its collaborators strive for common standards and a common cause. Without their hard work and dedication, this information would simply not be available.

The only reward expected by the CI5 collaborators is the acknowledgement of their efforts through the appropriate citation of these unique resources by all users, as shown in the following examples:

Printed or PDF copy of Volume X

General reference
Forman D, Bray F, Brewster DH, Gombe Mbalawa C, Kohler B, Piñeros M, Steliarova-Foucher E, Swaminathan R, Ferlay J, editors (2014). Cancer Incidence in Five Continents, Vol. X. IARC Scientific Publication No. 164. Lyon: International Agency for Research on Cancer.

Reference to the material related to an individual registry
North AB, South CD (2014). Cancer incidence in Antarctica (2003–2007). In: Forman D, Bray F, Brewster DH, Gombe Mbalawa C, Kohler B, Piñeros M, Steliarova-Foucher E, Swaminathan R, Ferlay J, editors. Cancer Incidence in Five Continents, Vol. X. IARC Scientific Publication No. 164. Lyon: International Agency for Research on Cancer.

Reference to an introductory chapter
Forman D, Brewster DH, Kohler B, Piñeros M (2014). Chapter 1: Introduction. In: Forman D, Bray F, Brewster DH, Gombe Mbalawa C, Kohler B, Piñeros M, Steliarova-Foucher E, Swaminathan R, Ferlay J, editors. Cancer Incidence in Five Continents, Vol. X. IARC Scientific Publication No. 164. Lyon: International Agency for Research on Cancer.

Online version of Volume X

General reference
Forman D, Bray F, Brewster DH, Gombe Mbalawa C, Kohler B, Piñeros M, Steliarova-Foucher E, Swaminathan R, Ferlay J, editors (2013). Cancer Incidence in Five Continents, Vol. X (electronic version). Lyon: International Agency for Research on Cancer. Available from: http://ci5.iarc.fr, accessed [date].

Reference to an individual registry
North AB, South CD (2013). Cancer incidence in Antarctica (2003–2007). In: Forman D, Bray F, Brewster DH, Gombe Mbalawa C, Kohler B, Piñeros M, Steliarova-Foucher E, Swaminathan R, Ferlay J, editors. Cancer Incidence in Five Continents, Vol. X (electronic version). Lyon: International Agency for Research on Cancer. Available from: http://ci5.iarc.fr, accessed [date].

Volumes I to X (online application)

Reference to data extracted from the analysis menu options
IARC (2014). Cancer Incidence in Five Continents, Vol. I–X (electronic version). Lyon: International Agency for Research on Cancer. Available from: http://ci5.iarc.fr/CI5I-X/Default.aspx, accessed [date].

Reference to data from individual volumes
See individual volume listings at http://ci5.iarc.fr/CI5I-X/Pages/references.aspx.

***CI5*plus**
Ferlay J, Bray F, Steliarova-Foucher E, Forman D (2014). Cancer Incidence in Five Continents, CI5*plus*. IARC CancerBase No. 9. Lyon: International Agency for Research on Cancer. Available from: http://ci5.iarc.fr, accessed [date].

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Ferlay J, Bray F, Steliarova-Foucher E, Forman D (2014). Cancer Incidence in Five Continents, CI5*plus*. IARC CancerBase No. 9. Lyon: International Agency for Research on Cancer. Available from: http://ci5.iarc.fr.

Forman D, Bray F, Brewster DH, Gombe Mbalawa C, Kohler B, Piñeros M, et al., editors (2013). Cancer Incidence in Five Continents, Vol. X (electronic version). Lyon: International Agency for Research on Cancer. Available from: http://ci5.iarc.fr, accessed 2 June 2014.

Fritz A, Percy CL, Jack A, Shanmugaratnam K, Sobin L, Parkin DM, et al., editors (2000). International Classification of Diseases for Oncology. 3rd ed. (ICD-O-3). Geneva: World Health Organization.

IARC (2014a). IARC Publications, PDFs online, Cancer Epidemiology. Lyon: International Agency for Cancer Research. Available from: http://www.iarc.fr/en/publications/pdfs-online/epi/index.php, accessed 6 May 2014.

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WHO (1976). International Classification of Diseases for Oncology. 1st ed. (ICD-O-1). Geneva: World Health Organization.

WHO (1977). International Classification of Diseases. 1975 revision (ICD-9). Geneva: World Health Organization.

WHO (1992). International Statistical Classification of Diseases and Related Health Problems. 10th revision (ICD-10). Geneva: World Health Organization.

Table 8.3. ICD-10 categories used for the online display of the detailed site comparative tables

ICD-10 code	Short title used in tables	Full title
C01	Base of tongue	Malignant neoplasm of base of tongue
C02	Other parts	Malignant neoplasm of other and unspecified parts of tongue
C03	Gum	Malignant neoplasm of gum
C04	Floor of mouth	Malignant neoplasm of floor of mouth
C05	Palate	Malignant neoplasm of palate
C06	Other parts	Malignant neoplasm of other and unspecified parts of mouth
C07	Parotid	Malignant neoplasm of parotid gland
C08.0	Submandibular	Malignant neoplasm of submandibular gland
C08.1	Sublingual	Malignant neoplasm of sublingual gland
C08.8–9	Other & unspec.	Overlapping lesion of major salivary glands, major salivary glands, unspecified
C12	Piriform sinus	Malignant neoplasm of piriform sinus
C13	Other & unspec.	Malignant neoplasm of hypopharynx
C15.0,3	Upper third	Malignant neoplasm of cervical part/upper third of oesophagus
C15.1,4	Middle third	Malignant neoplasm of thoracic part/middle third of oesophagus
C15.2,5	Lower third	Malignant neoplasm of abdominal part/lower third of oesophagus
C15.8–9	Other & unspec.	Overlapping lesion of oesophagus, oesophagus, unspecified
C16.0	Cardia	Malignant neoplasm of cardia
C16.1	Fundus	Malignant neoplasm of fundus of stomach
C16.2	Body	Malignant neoplasm of body of stomach
C16.3	Pyloric	Malignant neoplasm of pyloric antrum
C16.4	Pylorus	Malignant neoplasm of pylorus
C16.5	Le. curv.	Malignant neoplasm of lesser curvature of stomach, unspecified
C16.6	Gr. curv.	Malignant neoplasm of greater curvature of stomach, unspecified
C16.8–9	Other & unspec.	Overlapping lesion of stomach, stomach, unspecified
C18.0	Caecum	Malignant neoplasm of caecum
C18.1	Appendix	Malignant neoplasm of appendix
C18.2	Ascend.	Malignant neoplasm of ascending colon
C18.3	Hepatic	Malignant neoplasm of hepatic flexure
C18.4	Transv.	Malignant neoplasm of transverse colon
C18.5	Splenic	Malignant neoplasm of splenic flexure
C18.6	Descend.	Malignant neoplasm of descending colon

Table 8.3. (Contd) ICD-10 categories used for the online display of the detailed site comparative tables

ICD-10 code	Short title used in tables	Full title
C18.7	Sigmoid	Malignant neoplasm of sigmoid colon
C18.8–9	Other	Overlapping lesion of colon, colon, unspecified
C19	Rectosigmoid junction	Malignant neoplasm of rectosigmoid junction
C20	Rectum	Malignant neoplasm of rectum
C21.0–2	Anus	Malignant neoplasm of anus, anal canal and cloacogenic zone
C21.8	Anorectum	Overlapping lesion of rectum, anus and anal canal
C23	Gallbladder	Malignant neoplasm of gallbladder
C24.0	Extrahepatic duct	Malignant neoplasm of extrahepatic bile duct
C24.1	Ampulla of Vater	Malignant neoplasm of ampulla of Vater
C24.8–9	Other & unspec.	Overlapping lesion of biliary tract, biliary tract, unspecified
C30.0	Nasal cavity	Malignant neoplasm of nasal cavity
C30.1	Middle ear	Malignant neoplasm of middle ear
C31.0	Maxillary sinus	Malignant neoplasm of maxillary sinus
C31.1–3	Other sinuses	Malignant neoplasm of other parts of sinuses
C31.8–9	Overlap. & unspec.	Overlapping lesion of accessory sinuses, accessory sinuses, unspecified
C33	Trachea	Malignant neoplasm of trachea
C34.0	Main bronchus	Malignant neoplasm of main bronchus
C34.1	Upper lobe	Malignant neoplasm of upper lobe, bronchus or lung
C34.2	Middle lobe	Malignant neoplasm of middle lobe, bronchus or lung
C34.3	Lower lobe	Malignant neoplasm of lower lobe, bronchus or lung
C34.8–9	Other & unspec.	Overlapping lesion of bronchus and lung, bronchus and lung, unspecified
C37	Thymus	Malignant neoplasm of thymus
C38.0	Heart	Malignant neoplasm of heart
C38.1–3	Mediastinum	Malignant neoplasm of mediastinum
C38.4	Pleura	Malignant neoplasm of pleura
C38.8	Overlapping	Overlapping lesion of heart, mediastinum and pleura
C40.0	Upper, long	Malignant neoplasm of scapula and long bones of upper limb
C40.1	Upper, short	Malignant neoplasm of short bones of upper limb
C40.2	Lower, long	Malignant neoplasm of long bones of lower limb
C40.3	Lower, short	Malignant neoplasm of short bones of lower limb
C40.8–9	Other & unspec.	Overlapping lesion of bone and articular cartilage of limbs, bone and articular cartilage of limb, unspecified
C41.0	Skull & face	Malignant neoplasm of bones of skull and face
C41.1	Mandible	Malignant neoplasm of mandible
C41.2	Vertebral column	Malignant neoplasm of vertebral column
C41.3	Ribs etc.	Malignant neoplasm of ribs, sternum and clavicle
C41.4	Pelvic bones	Malignant neoplasm of pelvic bones, sacrum and coccyx
C41.8–9	Other & unspec.	Overlapping lesion of bone and articular cartilage, bone and articular cartilage, unspecified

Table 8.3. (Contd) ICD-10 categories used for the online display of the detailed site comparative tables

ICD-10 code	Short title used in tables	Full title
C43.0–4	Head	Malignant melanoma of lip, eyelid, ear and external auricular canal, face and scalp and neck
C43.5	Trunk	Malignant melanoma of trunk
C43.6	Upper limb	Malignant melanoma of upper limb, including shoulder
C43.7	Lower limb	Malignant melanoma of lower limb, including hip
C43.8	Overlapping	Overlapping malignant melanoma of skin
C43.9	Unspecified	Malignant melanoma of skin, unspecified
C46.0	Skin	Kaposi sarcoma of skin
C46.1	Soft tissue	Kaposi sarcoma of soft tissue
C46.2	Palate	Kaposi sarcoma of palate
C46.3	Lymph nodes	Kaposi sarcoma of lymph nodes
C46.7	Other	Kaposi sarcoma of other sites
C46.8	Multiple	Kaposi sarcoma of multiple organs
C46.9	Unspecified	Kaposi sarcoma, unspecified
C47	Peripheral nerves	Malignant neoplasm of peripheral nerves and autonomic nervous system
C49	Connective and soft tissue	Malignant neoplasm of other connective and soft tissue
C57.0	Fallopian tube	Malignant neoplasm of fallopian tube
C57.1–4	Uterine adnexa	Malignant neoplasm of broad and round ligaments, parametrium and uterine adnexa, unspecified
C57.7	Other specified	Malignant neoplasm of other specified female genital organs
C57.8–9	Overlap. & unspec.	Overlapping lesion of female genital organs, female genital organ, unspecified
C70	Meninges	Malignant neoplasm of meninges
C71	Brain	Malignant neoplasm of brain
C72.0–5	Cranial nerves	Malignant neoplasm of spinal cord and other and unspecified cranial nerves
C72.8–9	Other & unspecified	Overlapping lesion of brain and other parts of central nervous system, central nervous system, unspecified

THE NARRATIVES

Algeria, Sétif

REGISTRATION AREA

Sétif is a province in the Arab-Islamic North African country of Algeria. The Sétif Population-based Cancer Registry (SPCR) covers the population of 20 *dairates*, which comprise a total of 60 communes, spread over an area of 6549.64 km^2. At the most recent national census (2008), the population was 1.5 million, constituting 4.7% of the overall Algerian population and making Sétif the country's second-most populated area, after Algiers. The area's population is relatively young (with 63% of residents aged less than 30 years and only 6.4% aged 60 years or more), and 52% of residents live in urban areas.

CANCER CARE FACILITIES

General health care in the region is predominantly provided by the University Hospital Centre (CHU), 10 other hospitals, 60 health centres, and 213 primary care centres. These are supplemented by private practitioners and hospitals, for a total of 2359 beds. Cancer patients are currently referred to the Anti-Cancer Centre (CAC) of Constantine and the Pierre and Marie Curie Centre (CPMC) of Algiers, but a new cancer centre is currently being implemented in Sétif.

REGISTRY STRUCTURE AND METHODS

The SPCR, founded in 1989, is located in the department of epidemiology of Sétif University Hospital, and is staffed full-time by six physicians. The registry uses active case finding from 16 data sources consisting of public and private hospitals, laboratories, insurance offices, other cancer registries, and death registration offices. SPCR staff members also regularly visit hospitals outside the registration area to collect information about resident cases treated outside the covered area. For each patient, data from multiple sources are cross-checked before registration.

INTERPRETING THE RESULTS

Algeria has national screening programmes in place for cervical and breast cancers, and a tobacco control programme is in preparation. Death registration is incomplete.

USE OF THE DATA

The registry has released a report on cancer incidence trends from 1986 to 2008. It has also participated in many international publications, such as *Cancer Incidence in Five Continents* (Volumes VI, VII, and IX), *Cancer in Africa: Epidemiology and Prevention*, and *International Incidence of Childhood Cancer* (Volume II). The registry was involved in the CONCORD study on survival estimates for colorectal, breast, and prostate cancers between 1990 and 1994, and is currently participating in the CONCORD-2 study.

CONTRIBUTORS

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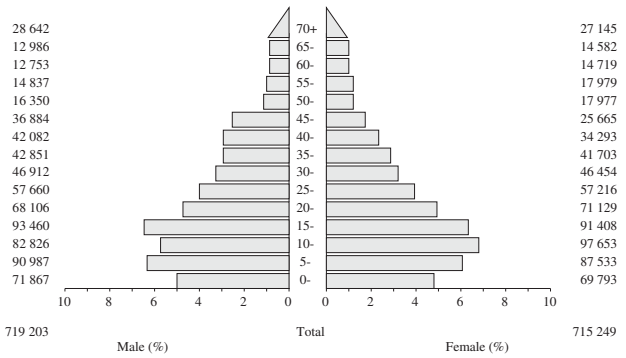
Algeria, Sétif (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the official censuses carried out in 1998 and 2008; data provided by the Algerian National Office of Statistics.

NOTES ON THE DATA

*No official mortality data. No DCO registrations. High MV%.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	19.9	Breast	29.8
Bladder	8.6	Cervix uteri	9.0
Larynx	6.3	Gallbladder etc.	7.4
Nasopharynx	5.7	Thyroid	6.1
Stomach	5.7	Colon	5.2
Prostate	5.4	Other and unspecified	3.7
Non-melanoma skin cancer	5.2	Rectum	3.5
Colon	4.9	Stomach	3.4
Non-Hodgkin lymphoma	4.3	Non-Hodgkin lymphoma	2.7
Other and unspecified	3.7	Trachea, bronchus and lung	2.6
All sites	99.6	All sites	98.1

*Algeria, Sétif (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	13	0.5	0.4	**0.6**	0.05		6	0.2	0.2	**0.2**	0.01		*C00*
Tongue	6	0.2	0.2	**0.2**	0.01		1	0.0	0.0	**0.0**	0.00		*C01-02*
Mouth	6	0.2	0.2	**0.2**	0.02		5	0.2	0.1	**0.2**	0.01		*C03-06*
Salivary glands	7	0.3	0.2	**0.2**	0.02		2	0.1	0.1	**0.1**	0.01		*C07-08*
Tonsil	5	0.2	0.1	**0.2**	0.01		2	0.1	0.1	**0.1**	0.00		*C09*
Other oropharynx	14	0.6	0.4	**0.6**	0.04		4	0.2	0.1	**0.1**	0.01		*C10*
Nasopharynx	154	6.4	4.3	**5.7**	0.45		63	2.6	1.8	**2.2**	0.17		*C11*
Hypopharynx	5	0.2	0.1	**0.2**	0.02		6	0.2	0.2	**0.2**	0.01		*C12-13*
Pharynx unspecified	1	0.0	0.0	**0.0**	0.00		1	0.0	0.0	**0.0**	0.01		*C14*
Oesophagus	12	0.5	0.3	**0.4**	0.02		6	0.2	0.2	**0.2**	0.02		*C15*
Stomach	141	5.9	3.9	**5.7**	0.36		84	3.4	2.3	**3.4**	0.24		*C16*
Small intestine	12	0.5	0.3	**0.5**	0.04		3	0.1	0.1	**0.1**	0.01		*C17*
Colon	125	5.2	3.5	**4.9**	0.33		136	5.5	3.8	**5.2**	0.36		*C18*
Rectum	84	3.5	2.3	**3.2**	0.24		91	3.7	2.5	**3.5**	0.29		*C19-20*
Anus	8	0.3	0.2	**0.3**	0.03		1	0.0	0.0	**0.1**	0.01		*C21*
Liver	48	2.0	1.3	**1.9**	0.10		40	1.6	1.1	**1.6**	0.12		*C22*
Gallbladder etc.	64	2.7	1.8	**2.7**	0.16		180	7.3	5.0	**7.4**	0.55		*C23-24*
Pancreas	21	0.9	0.6	**0.8**	0.05		21	0.9	0.6	**0.9**	0.07		*C25*
Nose, sinuses etc.	15	0.6	0.4	**0.5**	0.04		10	0.4	0.3	**0.4**	0.03		*C30-31*
Larynx	147	6.1	4.1	**6.3**	0.37		21	0.9	0.6	**0.8**	0.07		*C32*
Trachea, bronchus and lung	466	19.4	13.0	**19.9**	1.47		69	2.8	1.9	**2.6**	0.14		*C33-34*
Other thoracic organs	42	1.7	1.2	**1.6**	0.09		25	1.0	0.7	**0.9**	0.08		*C37-38*
Bone	51	2.1	1.4	**1.6**	0.10		33	1.3	0.9	**1.0**	0.08		*C40-41*
Melanoma of skin	5	0.2	0.1	**0.2**	0.01		5	0.2	0.1	**0.2**	0.01		*C43*
Other skin	139		3.9	**5.2**	0.33		67		1.9	**2.5**	0.16		*C44*
Mesothelioma	2	0.1	0.1	**0.1**	0.00		0	0.0	0.0	**0.0**	0.00		*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00		0	0.0	0.0	**0.0**	0.00		*C46*
Connective and soft tissue	26	1.1	0.7	**0.8**	0.05		18	0.7	0.5	**0.6**	0.04		*C47+C49*
Breast	19	0.8	0.5	**0.9**	0.08		733	29.7	20.5	**29.8**	2.53		*C50*
Vulva							5	0.2	0.1	**0.2**	0.00		*C51*
Vagina							3	0.1	0.1	**0.1**	0.01		*C52*
Cervix uteri							207	8.4	5.8	**9.0**	0.78		*C53*
Corpus uteri							2	0.1	0.1	**0.1**	0.01		*C54*
Uterus unspecified							22	0.9	0.6	**0.9**	0.08		*C55*
Ovary							34	1.4	1.0	**1.2**	0.09		*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00		*C57*
Placenta							1	0.0	0.0	**0.0**	0.00		*C58*
Penis	0	0.0	0.0	**0.0**	0.00								*C60*
Prostate	139	5.8	3.9	**5.4**	0.24								*C61*
Testis	7	0.3	0.2	**0.3**	0.02								*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00								*C63*
Kidney	25	1.0	0.7	**1.0**	0.07		18	0.7	0.5	**0.6**	0.03		*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00		0	0.0	0.0	**0.0**	0.00		*C65*
Ureter	0	0.0	0.0	**0.0**	0.00		0	0.0	0.0	**0.0**	0.00		*C66*
Bladder	203	8.4	5.6	**8.6**	0.53		58	2.4	1.6	**2.5**	0.20		*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00		0	0.0	0.0	**0.0**	0.00		*C68*
Eye	2	0.1	0.1	**0.1**	0.00		2	0.1	0.1	**0.1**	0.00		*C69*
Brain, nervous system	66	2.7	1.8	**2.6**	0.23		49	2.0	1.4	**1.5**	0.09		*C70-72*
Thyroid	28	1.2	0.8	**1.1**	0.09		156	6.3	4.4	**6.1**	0.48		*C73*
Adrenal gland	2	0.1	0.1	**0.1**	0.00		3	0.1	0.1	**0.1**	0.01		*C74*
Other endocrine	3	0.1	0.1	**0.1**	0.01		0	0.0	0.0	**0.0**	0.00		*C75*
Hodgkin lymphoma	97	4.0	2.7	**3.2**	0.24		63	2.6	1.8	**1.7**	0.11		*C81*
Non-Hodgkin lymphoma	122	5.1	3.4	**4.3**	0.28		78	3.2	2.2	**2.7**	0.19		*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00		0	0.0	0.0	**0.0**	0.00		*C88*
Multiple myeloma	4	0.2	0.1	**0.2**	0.02		7	0.3	0.2	**0.3**	0.02		*C90*
Lymphoid leukaemia	73	3.0	2.0	**2.5**	0.16		57	2.3	1.6	**1.9**	0.13		*C91*
Myeloid leukaemia	31	1.3	0.9	**1.1**	0.07		31	1.3	0.9	**1.0**	0.07		*C92-94*
Leukaemia unspecified	3	0.1	0.1	**0.1**	0.00		2	0.1	0.1	**0.1**	0.01		*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00		0	0.0	0.0	**0.0**	0.00		*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00		0	0.0	0.0	**0.0**	0.00		*MDS*
Other and unspecified	99	4.1	2.8	**3.7**	0.26		100	4.1	2.8	**3.7**	0.24		*O&U*
All sites	2542		70.7	**99.6**	6.69		2531		70.8	**98.1**	7.59		*C00-96*
All sites except C44	2403	100.0	66.8	**94.4**	6.36		2464	100.0	68.9	**95.5**	7.42		*C00-96 exc. C44*

*See note following population pyramid

Egypt, Gharbiah

REGISTRATION AREA

The Gharbiah Population-based Cancer Registry (GPCR) covers the population of the eight districts within the Gharbiah Governorate (Tanta, Elmahalla Elkobra, Kafr Elzayat, Zefta, Kotour, Elsanta, Basyoun, and Samannoud), in the Nile Delta region of Egypt. At the most recent census (2006), the population was 4 million, accounting for 5.5% of the overall population of Egypt. About 30% of residents live in urban areas.

CANCER CARE FACILITIES

Patients suspected to have cancer are referred by primary and secondary care facilities to hospitals within Gharbiah (Tanta Cancer Center [TCC], Gharbiah Cancer Society, Tanta University Hospitals, insurance hospitals, and private hospitals) or outside Gharbiah (Mansoura Urology Center; Mansoura Gastroentrology Center; Clinical Oncology Department and Oncology Center, Mansoura University; National Liver Institute, Menoufeya University [40 km from Gharbiah]; National Cancer Institute, Cairo; and Children's Cancer Hospital Egypt [100 km from Gharbiah]).

REGISTRY STRUCTURE AND METHODS

The registry is located within TCC, and is sponsored by the Middle East Cancer Consortium, the United States National Cancer Institute in Bethesda, USA, and the Egyptian Ministry of Health and Population. The registry is staffed by a principal investigator, an executive director, two coinvestigators, a data manager, six part-time registrars, and five full-time secretaries. The GPCR uses active case finding from 63 data sources. Data quality is regularly assessed by senior registry staff members, CanReg4 software checks, and external auditing by staff members from Emory University, the SEER Program, and IARC. Registry data are protected with secure passwords, and access is granted to authorized personnel only.

INTERPRETING THE RESULTS

The physical area covered by the registry remains the same despite the increased population. The full range of diagnostic and treatment facilities available means that relatively few cases are missed, except among undiagnosed elderly patients in rural areas. TCC has established early detection programmes for breast, liver, and cervical cancers. Liver cancer is the most common cancer in the area, likely due to the high prevalence of hepatitis C virus infection. Bladder cancer is the second-most common cancer, with smoking likely to be the main risk factor.

USE OF THE DATA

The registry prepares an annual report on cancer incidence, highlighting trends and changes. Specific studies on epidemiology and survival of registered cancer cases have also been carried out.

CONTRIBUTORS

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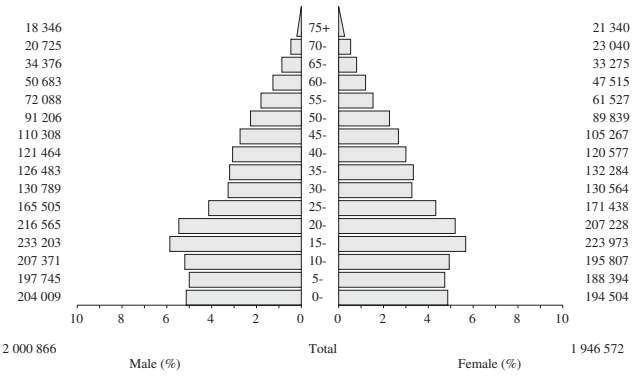
Egypt, Gharbiah (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the official censuses carried out in 1996 and 2006 by the Egyptian Central Agency for Public Mobilization and Statistics (CAPMAS), making allowances for births and deaths.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Liver	24.8	Breast	45.4
Bladder	19.0	Non-Hodgkin lymphoma	10.8
Non-Hodgkin lymphoma	13.5	Liver	6.2
Trachea, bronchus and lung	11.9	Ovary	5.3
Prostate	7.6	Bladder	5.0
Other and unspecified	6.1	Other and unspecified	4.1
Pancreas	4.5	Trachea, bronchus and lung	3.7
Non-melanoma skin cancer	4.4	Corpus uteri	3.6
Brain, nervous system	4.3	Colon	3.4
Colon	3.6	Brain, nervous system	3.2
All sites	137.1	All sites	125.1

Egypt, Gharbiah (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	43	0.4	0.4	**0.6**	0.03	0.07	16	0.2	0.2	**0.3**	0.01	0.02	*C00*
Tongue	43	0.4	0.4	**0.6**	0.04	0.08	42	0.4	0.4	**0.6**	0.04	0.07	*C01-02*
Mouth	82	0.8	0.8	**1.1**	0.08	0.13	44	0.5	0.5	**0.6**	0.04	0.07	*C03-06*
Salivary glands	28	0.3	0.3	**0.4**	0.03	0.05	28	0.3	0.3	**0.3**	0.03	0.04	*C07-08*
Tonsil	7	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	7	0.1	0.1	**0.1**	0.00	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	63	0.7	0.6	**0.8**	0.05	0.08	26	0.3	0.3	**0.3**	0.02	0.03	*C11*
Hypopharynx	46	0.5	0.5	**0.6**	0.03	0.08	43	0.5	0.4	**0.6**	0.04	0.06	*C12-13*
Pharynx unspecified	7	0.1	0.1	**0.1**	0.01	0.01	6	0.1	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	110	1.1	1.1	**1.7**	0.08	0.20	57	0.6	0.6	**0.9**	0.04	0.10	*C15*
Stomach	216	2.2	2.2	**2.9**	0.19	0.32	158	1.7	1.6	**2.1**	0.16	0.24	*C16*
Small intestine	42	0.4	0.4	**0.6**	0.04	0.06	30	0.3	0.3	**0.4**	0.03	0.05	*C17*
Colon	290	3.0	2.9	**3.6**	0.26	0.39	262	2.8	2.7	**3.4**	0.24	0.38	*C18*
Rectum	168	1.7	1.7	**2.1**	0.15	0.22	149	1.6	1.5	**1.9**	0.15	0.21	*C19-20*
Anus	36	0.4	0.4	**0.5**	0.03	0.05	40	0.4	0.4	**0.5**	0.03	0.05	*C21*
Liver	1806	18.7	18.1	**24.8**	1.80	3.09	433	4.6	4.4	**6.2**	0.41	0.76	*C22*
Gallbladder etc.	73	0.8	0.7	**1.1**	0.07	0.13	67	0.7	0.7	**1.0**	0.08	0.11	*C23-24*
Pancreas	311	3.2	3.1	**4.5**	0.26	0.54	148	1.6	1.5	**2.1**	0.15	0.26	*C25*
Nose, sinuses etc.	21	0.2	0.2	**0.3**	0.02	0.03	21	0.2	0.2	**0.3**	0.02	0.03	*C30-31*
Larynx	184	1.9	1.8	**2.8**	0.14	0.34	16	0.2	0.2	**0.2**	0.01	0.04	*C32*
Trachea, bronchus and lung	795	8.2	7.9	**11.9**	0.62	1.53	257	2.7	2.6	**3.7**	0.22	0.47	*C33-34*
Other thoracic organs	19	0.2	0.2	**0.3**	0.01	0.02	18	0.2	0.2	**0.2**	0.02	0.02	*C37-38*
Bone	109	1.1	1.1	**1.1**	0.07	0.09	82	0.9	0.8	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	19	0.2	0.2	**0.3**	0.01	0.03	23	0.2	0.2	**0.3**	0.01	0.04	*C43*
Other skin	296		3.0	**4.4**	0.22	0.55	204		2.1	**2.9**	0.19	0.35	*C44*
Mesothelioma	25	0.3	0.2	**0.4**	0.02	0.04	15	0.2	0.2	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	12	0.1	0.1	**0.2**	0.01	0.03	3	0.0	0.0	**0.0**	0.00	0.01	*C46*
Connective and soft tissue	205	2.1	2.0	**2.4**	0.16	0.23	170	1.8	1.7	**2.0**	0.13	0.18	*C47+C49*
Breast	58	0.6	0.6	**0.8**	0.06	0.09	3675	38.8	37.8	**45.4**	3.71	4.95	*C50*
Vulva							49	0.5	0.5	**0.8**	0.03	0.11	*C51*
Vagina							15	0.2	0.2	**0.2**	0.02	0.03	*C52*
Cervix uteri							121	1.3	1.2	**1.6**	0.12	0.18	*C53*
Corpus uteri							256	2.7	2.6	**3.6**	0.27	0.48	*C54*
Uterus unspecified							31	0.3	0.3	**0.5**	0.02	0.06	*C55*
Ovary							424	4.5	4.4	**5.3**	0.40	0.59	*C56*
Other female genital organs							11	0.1	0.1	**0.1**	0.01	0.01	*C57*
Placenta							6	0.1	0.1	**0.1**	0.00	0.00	*C58*
Penis	3	0.0	0.0	**0.1**	0.00	0.01							*C60*
Prostate	425	4.4	4.2	**7.6**	0.18	0.91							*C61*
Testis	41	0.4	0.4	**0.4**	0.03	0.04							*C62*
Other male genital organs	17	0.2	0.2	**0.3**	0.01	0.04							*C63*
Kidney	180	1.9	1.8	**2.3**	0.15	0.26	118	1.2	1.2	**1.5**	0.11	0.16	*C64*
Renal pelvis	38	0.4	0.4	**0.6**	0.03	0.08	5	0.1	0.1	**0.1**	0.01	0.01	*C65*
Ureter	12	0.1	0.1	**0.2**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	1231	12.7	12.3	**19.0**	0.92	2.37	323	3.4	3.3	**5.0**	0.28	0.67	*C67*
Other urinary organs	6	0.1	0.1	**0.1**	0.01	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	28	0.3	0.3	**0.4**	0.02	0.03	12	0.1	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	371	3.8	3.7	**4.3**	0.29	0.43	275	2.9	2.8	**3.2**	0.21	0.30	*C70-72*
Thyroid	118	1.2	1.2	**1.5**	0.09	0.19	264	2.8	2.7	**3.2**	0.20	0.33	*C73*
Adrenal gland	51	0.5	0.5	**0.6**	0.04	0.05	25	0.3	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	8	0.1	0.1	**0.1**	0.00	0.01	4	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	226	2.3	2.3	**2.3**	0.15	0.17	116	1.2	1.2	**1.2**	0.09	0.11	*C81*
Non-Hodgkin lymphoma	1066	11.0	10.7	**13.5**	0.89	1.51	808	8.5	8.3	**10.8**	0.68	1.19	*C82-85,C96*
Immunoproliferative diseases	3	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	95	1.0	0.9	**1.3**	0.10	0.16	54	0.6	0.6	**0.7**	0.06	0.09	*C90*
Lymphoid leukaemia	224	2.3	2.2	**2.6**	0.15	0.24	169	1.8	1.7	**2.1**	0.11	0.23	*C91*
Myeloid leukaemia	174	1.8	1.7	**1.9**	0.13	0.19	188	2.0	1.9	**2.2**	0.15	0.20	*C92-94*
Leukaemia unspecified	63	0.7	0.6	**0.8**	0.04	0.08	38	0.4	0.4	**0.5**	0.03	0.04	*C95*
Myeloproliferative disorders	8	0.1	0.1	**0.1**	0.01	0.01	7	0.1	0.1	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	18	0.2	0.2	**0.2**	0.01	0.03	23	0.2	0.2	**0.3**	0.02	0.03	*MDS*
Other and unspecified	430	4.5	4.3	**6.1**	0.36	0.72	288	3.0	3.0	**4.1**	0.24	0.51	*O&U*
All sites	9957		99.5	**137.1**	8.11	16.06	9670		99.4	**125.1**	8.95	14.02	*C00-96*
All sites except C44	9661	100.0	96.6	**132.6**	7.89	15.51	9466	100.0	97.3	**122.1**	8.76	13.67	*C00-96 exc. C44*

§Includes 2 cases of unknown age

Libya, Benghazi

REGISTRATION AREA
The Benghazi Cancer Registry (BCR) was established in 2002 and covers eight districts in the eastern part of Libya (Tobruk, Derna, Bayda, Al Marj, Benghazi, Ajdabiya, Al Wahat, and Al Kufra). At the most recent census (2006), the population of the area was 1.6 million (28% of the total population of Libya).

CANCER CARE FACILITIES
Cancer care services in the region are predominantly provided by the adult oncology and haematology units of Aljumhuria Hospital, the radiotherapy unit of the Benghazi Radio Diagnostic and Therapeutic Center, and the paediatric oncology and haematology unit of the Children's Hospital, which are all based in Benghazi. All cancer patients from the region are referred to these units.

REGISTRY STRUCTURE AND METHODS
The registry is located within the Medical School of Benghazi University and is staffed by a director, a scientific board, five coinvestigators and field supervisors, a data entry manager, and four part-time registrars. The BCR uses active case finding from various data sources, including cancer service units, general and regional hospitals, university hospitals, private hospitals and clinics, specialized hospitals and centres outside the region, and pathology and haematology laboratories. Death certificates are actively investigated. The staff of the Modena Cancer Registry (MCR) in Italy contributed to the training of the BCR registrars in coding techniques and in the use of software developed by the MCR.

INTERPRETING THE RESULTS
The BCR has made data on cancer incidence in eastern Libya available for the first time, and confirmed that the incidence is much lower than in more industrialized countries. Moreover, the observed patterns indicate that the incidences of many cancers, including those of the lung, breast, colon, rectum, and bladder, are in fact quite different from previous estimates based on data from neighbouring countries.

USE OF THE DATA
The registry prepares an annual report on cancer incidence, highlighting trends and changes. The data are made available to the Department of Health to help guide planning of cancer services. Some BCR data will also be used in future research projects.

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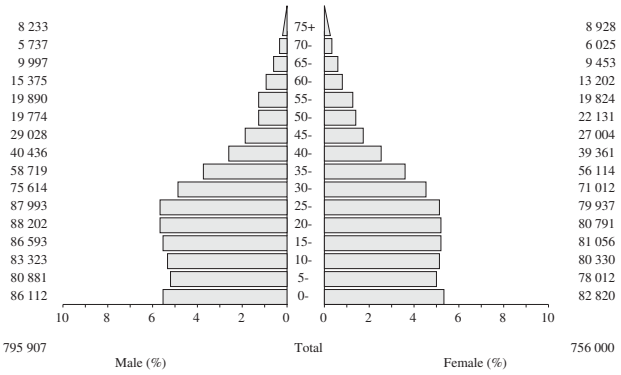
Libya, Benghazi (2003-2005)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on 2006 census data published by the Libyan General Information Authority.

NOTES ON THE DATA
*Mortality data incomplete.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	27.8	Breast	22.9
Bladder	14.9	Colon	9.0
Prostate	14.7	Uterus unspecified	8.3
Colon	8.8	Other and unspecified	4.9
Non-Hodgkin lymphoma	5.8	Ovary	4.7
Larynx	5.5	Cervix uteri	4.5
Pancreas	5.4	Non-Hodgkin lymphoma	4.3
Brain, nervous system	5.2	Thyroid	3.8
Rectum	5.0	Liver	3.7
Liver	4.9	Rectum	3.3
All sites	138.5	All sites	110.0

*Libya, Benghazi (2003-2005)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.1	0.1	**0.2**	0.01	0.01	1	0.1	0.0	**0.1**	0.00	0.03	*C00*
Tongue	5	0.3	0.2	**0.4**	0.03	0.06	3	0.2	0.1	**0.2**	0.01	0.01	*C01-02*
Mouth	8	0.5	0.3	**0.7**	0.03	0.09	9	0.6	0.4	**0.8**	0.08	0.10	*C03-06*
Salivary glands	3	0.2	0.1	**0.2**	0.02	0.02	5	0.3	0.2	**0.3**	0.03	0.03	*C07-08*
Tonsil	2	0.1	0.1	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.0	**0.1**	0.01	0.01	*C10*
Nasopharynx	42	2.4	1.8	**2.8**	0.21	0.31	25	1.6	1.1	**1.4**	0.10	0.16	*C11*
Hypopharynx	2	0.1	0.1	**0.2**	0.00	0.00	1	0.1	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.1	0.0	**0.1**	0.01	0.01	2	0.1	0.1	**0.2**	0.02	0.02	*C14*
Oesophagus	18	1.0	0.8	**1.6**	0.08	0.23	3	0.2	0.1	**0.2**	0.01	0.01	*C15*
Stomach	62	3.6	2.6	**4.9**	0.26	0.59	37	2.3	1.6	**3.0**	0.15	0.41	*C16*
Small intestine	3	0.2	0.1	**0.3**	0.01	0.04	4	0.3	0.2	**0.3**	0.02	0.02	*C17*
Colon	111	6.4	4.6	**8.8**	0.51	1.10	126	8.0	5.6	**9.0**	0.53	1.06	*C18*
Rectum	64	3.7	2.7	**5.0**	0.29	0.66	48	3.0	2.1	**3.3**	0.24	0.39	*C19-20*
Anus	5	0.3	0.2	**0.3**	0.02	0.02	3	0.2	0.1	**0.2**	0.02	0.02	*C21*
Liver	58	3.3	2.4	**4.9**	0.19	0.66	44	2.8	1.9	**3.7**	0.18	0.48	*C22*
Gallbladder etc.	17	1.0	0.7	**1.3**	0.10	0.13	42	2.7	1.9	**3.2**	0.19	0.30	*C23-24*
Pancreas	64	3.7	2.7	**5.4**	0.26	0.67	37	2.3	1.6	**2.9**	0.17	0.29	*C25*
Nose, sinuses etc.	5	0.3	0.2	**0.4**	0.02	0.06	1	0.1	0.0	**0.1**	0.01	0.01	*C30-31*
Larynx	66	3.8	2.8	**5.5**	0.33	0.63	8	0.5	0.4	**0.7**	0.05	0.09	*C32*
Trachea, bronchus and lung	326	18.7	13.7	**27.8**	1.34	3.67	37	2.3	1.6	**3.1**	0.18	0.40	*C33-34*
Other thoracic organs	1	0.1	0.0	**0.0**	0.00	0.00	3	0.2	0.1	**0.2**	0.01	0.03	*C37-38*
Bone	12	0.7	0.5	**0.4**	0.02	0.02	16	1.0	0.7	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	4	0.2	0.2	**0.2**	0.02	0.02	5	0.3	0.2	**0.3**	0.04	0.04	*C43*
Other skin	47		2.0	**3.8**	0.11	0.44	26		1.1	**2.1**	0.08	0.24	*C44*
Mesothelioma	3	0.2	0.1	**0.3**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	6	0.3	0.3	**0.5**	0.02	0.07	1	0.1	0.0	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	41	2.4	1.7	**2.4**	0.14	0.24	38	2.4	1.7	**2.3**	0.15	0.23	*C47+C49*
Breast	6	0.3	0.3	**0.5**	0.03	0.08	364	23.0	16.0	**22.9**	1.82	2.46	*C50*
Vulva							5	0.3	0.2	**0.4**	0.01	0.04	*C51*
Vagina							3	0.2	0.1	**0.2**	0.02	0.02	*C52*
Cervix uteri							62	3.9	2.7	**4.5**	0.36	0.48	*C53*
Corpus uteri							7	0.4	0.3	**0.6**	0.02	0.10	*C54*
Uterus unspecified							98	6.2	4.3	**8.3**	0.62	1.08	*C55*
Ovary							75	4.7	3.3	**4.7**	0.33	0.49	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	162	9.3	6.8	**14.7**	0.29	1.74							*C61*
Testis	10	0.6	0.4	**0.6**	0.05	0.05							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	51	2.9	2.1	**3.9**	0.20	0.40	27	1.7	1.2	**2.0**	0.12	0.22	*C64*
Renal pelvis	2	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.0	**0.1**	0.00	0.00	*C66*
Bladder	174	10.0	7.3	**14.9**	0.64	1.72	26	1.6	1.1	**2.3**	0.10	0.36	*C67*
Other urinary organs	1	0.1	0.0	**0.1**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	4	0.2	0.2	**0.2**	0.01	0.01	6	0.4	0.3	**0.3**	0.01	0.04	*C69*
Brain, nervous system	87	5.0	3.6	**5.2**	0.38	0.62	50	3.2	2.2	**3.0**	0.16	0.32	*C70-72*
Thyroid	13	0.7	0.5	**0.8**	0.06	0.07	64	4.0	2.8	**3.8**	0.25	0.37	*C73*
Adrenal gland	3	0.2	0.1	**0.1**	0.01	0.01	4	0.3	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	38	2.2	1.6	**1.6**	0.11	0.11	44	2.8	1.9	**1.8**	0.13	0.15	*C81*
Non-Hodgkin lymphoma	88	5.1	3.7	**5.8**	0.31	0.70	67	4.2	3.0	**4.3**	0.26	0.45	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	18	1.0	0.8	**1.6**	0.08	0.19	16	1.0	0.7	**1.2**	0.08	0.14	*C90*
Lymphoid leukaemia	27	1.6	1.1	**1.4**	0.06	0.08	24	1.5	1.1	**1.2**	0.05	0.10	*C91*
Myeloid leukaemia	43	2.5	1.8	**2.7**	0.15	0.30	48	3.0	2.1	**2.9**	0.19	0.31	*C92-94*
Leukaemia unspecified	10	0.6	0.4	**0.7**	0.06	0.09	15	0.9	0.7	**0.7**	0.06	0.06	*C95*
Myeloproliferative disorders	8	0.5	0.3	**0.5**	0.05	0.07	11	0.7	0.5	**0.9**	0.05	0.11	*MPD*
Myelodysplastic syndromes	3	0.2	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	60	3.5	2.5	**4.7**	0.23	0.53	65	4.1	2.9	**4.9**	0.22	0.54	*O&U*
All sites	1786		74.8	**138.5**	6.78	16.62	1610		71.0	**110.0**	7.21	12.32	*C00-96*
All sites except C44	1739	100.0	72.8	**134.6**	6.67	16.19	1584	100.0	69.8	**107.9**	7.13	12.08	*C00-96 exc. C44*

*See note following population pyramid

Malawi, Blantyre

REGISTRATION AREA

The Malawi Cancer Registry (MCR) was established in 1989 by the Malawian Ministry of Health. It was a hospital-based registry until 1993, when IARC started supporting the current population-based registry. This support lasted until 2007, when the MCR began to receive funding from the Ministry of Health, local research teams, and the local WHO office.

CANCER CARE FACILITIES

The Blantyre population is served by a 1000-bed national referral hospital (Queen Elizabeth Central Hospital [QECH]), which has modern diagnostic facilities, including magnetic resonance imaging, and dedicated oncology wards with adequate staffing at all levels. There are 14 other hospitals serving the Blantyre urban and rural catchment population, and three histopathology laboratories. Chemotherapy is available, but there are no radiotherapy facilities yet. The country's national cancer control plan is currently in the draft stage.

REGISTRY STRUCTURE AND METHODS

The MCR is physically located within the QECH complex, and is permanently staffed full-time by a cancer registrar and two data clerks, all of whom are employees of the Malawian Ministry of Health. The MCR's part-time staff members are the registry director and an assistant registrar (a histopathologist and a nurse, respectively). Active data collection methods and data management systems are used as per IARC guidelines. CanReg software is used for data management. The completeness of registration is currently undergoing formal validation through student projects at the University of Michigan, USA.

INTERPRETING THE RESULTS

The physical area covered has not changed since 1989, although there has been a population shift from rural to urban. Researchers often visit for short periods to study particular cancers, such as those of the oesophagus and breast, Burkitt lymphoma, and various leukaemias. These projects tend to cause spikes in the incidence trends for these cancers. There is a national screening programme for cervical cancer. The official prevalence rate for HIV infection has decreased from 14.5% in 2005 to 12%.

USE OF THE DATA

Incidence data and the extent of disease are reported and used for research projects, in training of medical and nursing students, and as a source of information for government policy-makers.

CONTRIBUTORS

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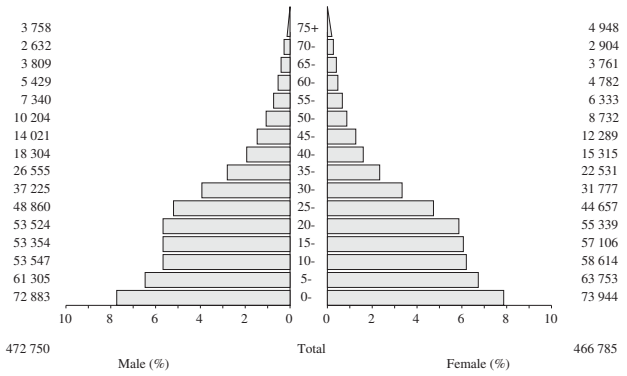
Malawi, Blantyre (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 1998 and 2008 national censuses carried out by the National Statistical Office of Malawi, making allowances for births and deaths. It was not possible to estimate migration into and out of the registration area.

NOTES ON THE DATA

*No official mortality data. No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Kaposi sarcoma	91.8	Cervix uteri	76.3
Oesophagus	37.6	Kaposi sarcoma	43.6
Prostate	15.7	Oesophagus	23.0
Bladder	13.3	Breast	14.3
Non-Hodgkin lymphoma	12.6	Other and unspecified	10.7
Other and unspecified	10.6	Eye	9.8
Eye	7.4	Non-Hodgkin lymphoma	9.4
Liver	7.0	Bladder	9.2
Non-melanoma skin cancer	6.8	Liver	4.4
Bone	3.4	Non-melanoma skin cancer	4.3
All sites	226.4	All sites	237.8

*Malawi, Blantyre (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	4	0.1	0.2	**0.2**	0.02	0.02	3	0.1	0.1	**0.2**	0.02	0.02	*C00*
Tongue	3	0.1	0.1	**0.3**	0.02	0.06	5	0.2	0.2	**0.4**	0.04	0.04	*C01-02*
Mouth	14	0.4	0.6	**1.3**	0.10	0.17	14	0.4	0.6	**1.3**	0.08	0.20	*C03-06*
Salivary glands	10	0.3	0.4	**0.8**	0.08	0.08	8	0.2	0.3	**0.8**	0.06	0.12	*C07-08*
Tonsil	1	0.0	0.0	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	5	0.1	0.2	**0.3**	0.02	0.02	4	0.1	0.2	**0.3**	0.03	0.03	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.1	0.1	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	380	11.0	16.1	**37.6**	2.59	4.72	229	7.0	9.8	**23.0**	1.79	2.82	*C15*
Stomach	21	0.6	0.9	**2.0**	0.13	0.19	22	0.7	0.9	**2.5**	0.22	0.32	*C16*
Small intestine	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C17*
Colon	12	0.3	0.5	**1.0**	0.07	0.14	8	0.2	0.3	**0.5**	0.03	0.07	*C18*
Rectum	21	0.6	0.9	**2.0**	0.13	0.24	28	0.9	1.2	**2.4**	0.18	0.25	*C19-20*
Anus	3	0.1	0.1	**0.2**	0.02	0.02	4	0.1	0.2	**0.5**	0.05	0.05	*C21*
Liver	94	2.7	4.0	**7.0**	0.55	0.78	49	1.5	2.1	**4.4**	0.35	0.52	*C22*
Gallbladder etc.	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.2**	0.02	0.02	*C23-24*
Pancreas	1	0.0	0.0	**0.1**	0.01	0.01	5	0.2	0.2	**0.4**	0.04	0.04	*C25*
Nose, sinuses etc.	7	0.2	0.3	**0.9**	0.11	0.11	5	0.2	0.2	**0.5**	0.05	0.05	*C30-31*
Larynx	5	0.1	0.2	**0.6**	0.01	0.08	2	0.1	0.1	**0.3**	0.04	0.04	*C32*
Trachea, bronchus and lung	11	0.3	0.5	**1.2**	0.09	0.12	2	0.1	0.1	**0.2**	0.00	0.00	*C33-34*
Other thoracic organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	74	2.2	3.1	**3.4**	0.23	0.26	58	1.8	2.5	**3.2**	0.21	0.31	*C40-41*
Melanoma of skin	18	0.5	0.8	**1.4**	0.10	0.10	37	1.1	1.6	**3.8**	0.29	0.43	*C43*
Other skin	77		3.3	**6.8**	0.35	0.90	53		2.3	**4.3**	0.34	0.43	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1708	49.6	72.3	**91.8**	7.57	8.42	818	25.2	35.0	**43.6**	3.59	3.80	*C46*
Connective and soft tissue	49	1.4	2.1	**2.4**	0.14	0.21	37	1.1	1.6	**2.3**	0.19	0.22	*C47+C49*
Breast	9	0.3	0.4	**1.0**	0.11	0.11	165	5.1	7.1	**14.3**	1.13	1.59	*C50*
Vulva							16	0.5	0.7	**1.0**	0.09	0.09	*C51*
Vagina							16	0.5	0.7	**1.4**	0.11	0.16	*C52*
Cervix uteri							904	27.8	38.7	**76.3**	6.64	7.92	*C53*
Corpus uteri							15	0.5	0.6	**1.4**	0.12	0.15	*C54*
Uterus unspecified							23	0.7	1.0	**2.1**	0.17	0.27	*C55*
Ovary							73	2.2	3.1	**4.3**	0.32	0.41	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							3	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	33	1.0	1.4	**2.6**	0.14	0.25							*C60*
Prostate	122	3.5	5.2	**15.7**	0.76	2.01							*C61*
Testis	11	0.3	0.5	**0.9**	0.04	0.11							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	43	1.2	1.8	**1.5**	0.08	0.08	29	0.9	1.2	**1.2**	0.07	0.07	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	139	4.0	5.9	**13.3**	0.87	1.56	98	3.0	4.2	**9.2**	0.83	1.01	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.1**	0.00	0.00	*C68*
Eye	153	4.4	6.5	**7.4**	0.57	0.60	187	5.8	8.0	**9.8**	0.81	0.81	*C69*
Brain, nervous system	4	0.1	0.2	**0.1**	0.01	0.01	3	0.1	0.1	**0.3**	0.02	0.02	*C70-72*
Thyroid	5	0.1	0.2	**0.5**	0.05	0.05	18	0.6	0.8	**2.0**	0.16	0.26	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	15	0.4	0.6	**0.7**	0.04	0.07	8	0.2	0.3	**0.5**	0.05	0.05	*C81*
Non-Hodgkin lymphoma	312	9.1	13.2	**12.6**	0.76	0.86	215	6.6	9.2	**9.4**	0.67	0.70	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	2	0.1	0.1	**0.2**	0.02	0.02	3	0.1	0.1	**0.1**	0.01	0.01	*C90*
Lymphoid leukaemia	1	0.0	0.0	**0.1**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C91*
Myeloid leukaemia	6	0.2	0.3	**0.3**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C92-94*
Leukaemia unspecified	12	0.3	0.5	**0.5**	0.02	0.06	12	0.4	0.5	**0.8**	0.06	0.11	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	130	3.8	5.5	**10.6**	0.64	1.28	118	3.6	5.1	**10.7**	0.84	1.24	*O&U*
All sites	3518		148.8	**226.4**	16.30	23.28	3304		141.6	**237.8**	19.51	24.32	*C00-96*
All sites except C44	3441	100.0	145.6	**219.5**	15.95	22.37	3251	100.0	139.3	**233.5**	19.17	23.89	*C00-96 exc. C44*
	§Includes 385 cases of unknown age						§Includes 433 cases of unknown age						

*See note following population pyramid

South Africa, PROMEC

REGISTRATION AREA

The PROMEC Cancer Registry has been operating for more than 20 years in the rural Transkei region of the South African province of the Eastern Cape. In its present form, the registry covers the population of eight magisterial areas: Butterworth, Centane (Kentani), Idutywa, Nqamakwe, Willowvale, Bizana, Flagstaff, and Lusikisiki. The vast majority of residents are Black Africans who speak isiXhosa and support both Christian and traditional norms and values.

CANCER CARE FACILITIES

The area's health care delivery system is based on a network of government-run primary health care clinics and hospitals (with an emerging district management), and supplemented by private practitioners and hospitals. Basic laboratory services are available in most centres. Patients suspected to have cancer are referred by primary and secondary care facilities to specialized oncology and radiotherapy services. The government provides transportation to these hospitals for cancer patients.

REGISTRY STRUCTURE AND METHODS

The registry is funded mainly by the South African Medical Research Council (MRC) and receives additional funding from the Cancer Association of South Africa (CANSA). The registry employs eight staff members: a full-time senior scientist (who heads the registry), a full-time data manager, and six part-time oncology nurses (who collect data). An advisory committee provides expert advice to the registry. The PROMEC Cancer Registry collaborates with 19 hospitals and one state laboratory. Case finding is performed both passively and actively. All malignant cancer cases, including those of uncertain or unknown primary site, are registered.

INTERPRETING THE RESULTS

The registry has made special efforts to develop collaborative relationships with various health facilities within and outside the registration area. It is not currently possible to estimate the percentage of cancer cases that are missed by the registry.

USE OF THE DATA

The PROMEC Cancer Registry prepares annual reports on cancer incidence, including trends and changes. The registry is the main source of cancer information for policy-makers in the provincial and national health departments, as well as for researchers.

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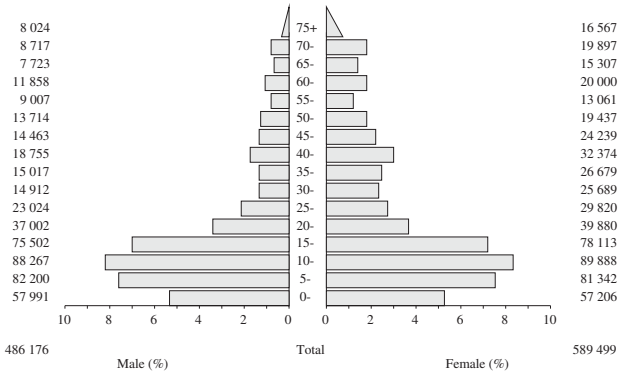
South Africa, PROMEC (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2001 population census, making allowances for births and deaths. It was not possible to estimate migration into and out of the registration area.

NOTES ON THE DATA

*No official mortality data. No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Oesophagus	32.0	Cervix uteri	23.8
Prostate	6.2	Oesophagus	19.6
Trachea, bronchus and lung	4.8	Breast	7.3
Other and unspecified	3.6	Other and unspecified	1.5
Larynx	3.4	Kaposi sarcoma	1.4
Kaposi sarcoma	3.1	Liver	1.2
Liver	2.7	Ovary	1.0
Mouth	2.1	Corpus uteri	0.9
Tongue	2.1	Trachea, bronchus and lung	0.9
Eye	1.0	Non-Hodgkin lymphoma	0.6
All sites	73.6	All sites	67.4

*South Africa, PROMEC (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.2	0.1	**0.1**	0.01	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	31	2.8	1.3	**2.1**	0.16	0.21	12	0.7	0.4	**0.4**	0.02	0.05	*C01-02*
Mouth	32	2.9	1.3	**2.1**	0.14	0.28	8	0.5	0.3	**0.3**	0.02	0.03	*C03-06*
Salivary glands	1	0.1	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.00	0.00	*C07-08*
Tonsil	9	0.8	0.4	**0.6**	0.04	0.06	3	0.2	0.1	**0.2**	0.02	0.02	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	1	0.1	0.0	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	2	0.2	0.1	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	475	43.0	19.5	**32.0**	2.05	3.92	533	31.6	18.1	**19.6**	1.38	2.35	*C15*
Stomach	13	1.2	0.5	**1.0**	0.06	0.13	15	0.9	0.5	**0.5**	0.03	0.07	*C16*
Small intestine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C17*
Colon	13	1.2	0.5	**0.9**	0.07	0.11	15	0.9	0.5	**0.6**	0.05	0.06	*C18*
Rectum	12	1.1	0.5	**0.8**	0.05	0.07	11	0.7	0.4	**0.4**	0.03	0.05	*C19-20*
Anus	9	0.8	0.4	**0.7**	0.08	0.08	3	0.2	0.1	**0.1**	0.02	0.02	*C21*
Liver	38	3.4	1.6	**2.7**	0.21	0.30	28	1.7	0.9	**1.2**	0.08	0.13	*C22*
Gallbladder etc.	1	0.1	0.0	**0.0**	0.00	0.00	3	0.2	0.1	**0.1**	0.01	0.01	*C23-24*
Pancreas	5	0.5	0.2	**0.4**	0.03	0.04	11	0.7	0.4	**0.4**	0.03	0.05	*C25*
Nose, sinuses etc.	3	0.3	0.1	**0.2**	0.01	0.01	4	0.2	0.1	**0.2**	0.02	0.02	*C30-31*
Larynx	49	4.4	2.0	**3.4**	0.20	0.44	9	0.5	0.3	**0.4**	0.02	0.04	*C32*
Trachea, bronchus and lung	68	6.2	2.8	**4.8**	0.35	0.56	20	1.2	0.7	**0.9**	0.07	0.10	*C33-34*
Other thoracic organs	1	0.1	0.0	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	13	1.2	0.5	**0.5**	0.04	0.05	13	0.8	0.4	**0.5**	0.03	0.04	*C40-41*
Melanoma of skin	11	1.0	0.5	**0.6**	0.02	0.07	10	0.6	0.3	**0.4**	0.03	0.03	*C43*
Other skin	9		0.4	**0.7**	0.05	0.07	5		0.2	**0.3**	0.03	0.03	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	42	3.8	1.7	**3.1**	0.25	0.25	31	1.8	1.1	**1.4**	0.10	0.10	*C46*
Connective and soft tissue	14	1.3	0.6	**0.9**	0.06	0.09	10	0.6	0.3	**0.4**	0.03	0.04	*C47+C49*
Breast	11	1.0	0.5	**0.7**	0.04	0.11	175	10.4	5.9	**7.3**	0.60	0.77	*C50*
Vulva							8	0.5	0.3	**0.3**	0.02	0.03	*C51*
Vagina							8	0.5	0.3	**0.3**	0.02	0.05	*C52*
Cervix uteri							576	34.1	19.5	**23.8**	1.88	2.65	*C53*
Corpus uteri							24	1.4	0.8	**0.9**	0.08	0.14	*C54*
Uterus unspecified							10	0.6	0.3	**0.4**	0.04	0.05	*C55*
Ovary							23	1.4	0.8	**1.0**	0.08	0.09	*C56*
Other female genital organs							1	0.1	0.0	**0.0**	0.01	0.01	*C57*
Placenta							7	0.4	0.2	**0.3**	0.02	0.02	*C58*
Penis	11	1.0	0.5	**0.8**	0.05	0.10							*C60*
Prostate	105	9.5	4.3	**6.2**	0.18	0.69							*C61*
Testis	2	0.2	0.1	**0.2**	0.02	0.02							*C62*
Other male genital organs	1	0.1	0.0	**0.0**	0.00	0.00							*C63*
Kidney	6	0.5	0.2	**0.3**	0.03	0.03	10	0.6	0.3	**0.4**	0.02	0.02	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.0	**0.0**	0.00	0.01	*C66*
Bladder	12	1.1	0.5	**0.7**	0.02	0.08	5	0.3	0.2	**0.2**	0.02	0.03	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.0	**0.1**	0.01	0.01	*C68*
Eye	18	1.6	0.7	**1.0**	0.08	0.09	10	0.6	0.3	**0.5**	0.05	0.05	*C69*
Brain, nervous system	9	0.8	0.4	**0.3**	0.02	0.02	5	0.3	0.2	**0.2**	0.02	0.02	*C70-72*
Thyroid	4	0.4	0.2	**0.3**	0.01	0.04	8	0.5	0.3	**0.4**	0.03	0.04	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	1	0.1	0.0	**0.0**	0.00	0.00	1	0.1	0.0	**0.0**	0.01	0.01	*C75*
Hodgkin lymphoma	2	0.2	0.1	**0.1**	0.00	0.00	3	0.2	0.1	**0.1**	0.01	0.01	*C81*
Non-Hodgkin lymphoma	11	1.0	0.5	**0.6**	0.04	0.07	17	1.0	0.6	**0.6**	0.04	0.05	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	9	0.8	0.4	**0.7**	0.05	0.08	4	0.2	0.1	**0.2**	0.01	0.02	*C90*
Lymphoid leukaemia	1	0.1	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.00	0.01	*C91*
Myeloid leukaemia	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.00	0.01	*C92-94*
Leukaemia unspecified	2	0.2	0.1	**0.1**	0.00	0.02	6	0.4	0.2	**0.2**	0.02	0.02	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	54	4.9	2.2	**3.6**	0.25	0.40	39	2.3	1.3	**1.5**	0.13	0.15	*O&U*
All sites	1113		45.8	**73.6**	4.72	8.54	1694		57.5	**67.4**	5.12	7.46	*C00-96*
All sites except C44	1104	100.0	45.4	**72.9**	4.67	8.48	1689	100.0	57.3	**67.1**	5.09	7.43	*C00-96 exc. C44*

§Includes 1 case of unknown age

*See note following population pyramid

Tunisia, North

REGISTRATION AREA

The Cancer Registry of North Tunisia (RCNT) covers the northern area of the country (28 162 km^2), which includes the country's capital city of Tunis and 11 *wilayas* (provinces). The covered area includes important urban regions such as the coastal cities of Tunis, Bizerte, and Nabeul, where commercial, industrial, and touristic activities are significant. Farming and fishing are the main occupations in the rural areas of the region, which are among the most fertile in the country. The region is mainly Arabic, and Islam is the professed religion of 99% of the population.

CANCER CARE FACILITIES

An important network of health substructures has been planned for the whole territory using health centres and programmes of primary care. In North Tunisia, 15 university hospitals and 11 non-university hospitals (one in each *wilaya*) provide support for cancer patients. About 40% of cancer patients diagnosed in North Tunisia are treated at the national cancer centre Institut Salah-Azaïz. Radiotherapy is available at one hospital and four private radiotherapy centres. More than 60% of the population of North Tunisia is enrolled in the country's public health insurance system (the Caisse Nationale d'Assurance Maladie).

REGISTRY STRUCTURE AND METHODS

The RCNT was officially founded in 1997, and is subsidized by the Tunisian Ministry of Public Health. The registry employs two physicians, three full-time clerks, and four or five part-time physicians. The RCNT collects data actively from 85 sources of public and private pathology and medical records. A large proportion of the staff's time is devoted to the search for duplicate registrations, which is performed at the time of data entry and on a regular basis using computer software. The RCNT ensures data security and confidentiality, and informs patients as required by Tunisian law.

INTERPRETING THE RESULTS

All types of invasive and in situ tumours are registered (including basal and squamous cell skin cancer). Benign tumours of the brain and superficial tumours of the urinary bladder were not registered during this reporting period.

USE OF THE DATA

The RCNT prepares periodic reports approximately every 3 years. More specific studies have also been carried out.

CONTRIBUTORS

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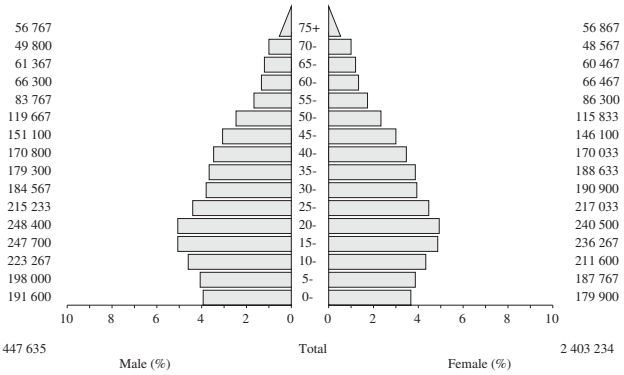
Tunisia, North (2003-2005)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Obtained from the Tunisian National Institute of Statistics (http://www.ins.tn).

NOTES ON THE DATA

*No official mortality data. No DCO registrations. †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	30.6	Breast	30.9
Bladder	12.9	Non-melanoma skin cancer	5.7
Prostate	11.4	Colon	5.5
Non-melanoma skin cancer	7.4	Cervix uteri	4.6
Colon	6.3	Ovary	4.0
Larynx	6.0	Other and unspecified	4.0
Stomach	5.8	Non-Hodgkin lymphoma	3.8
Non-Hodgkin lymphoma	5.7	Rectum	3.7
Other and unspecified	5.5	Corpus uteri	3.4
Rectum	4.2	Thyroid	3.3
All sites	129.9	All sites	99.7

*Tunisia, North (2003-2005)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	61	0.7	0.8	**0.8**	0.03	0.09	5	0.1	0.1	**0.1**	0.00	0.00	*C00*
Tongue	36	0.4	0.5	**0.5**	0.04	0.07	24	0.4	0.3	**0.3**	0.02	0.03	*C01-02*
Mouth	63	0.7	0.9	**0.9**	0.06	0.10	54	0.8	0.7	**0.8**	0.04	0.10	*C03-06*
Salivary glands	29	0.3	0.4	**0.4**	0.03	0.05	23	0.3	0.3	**0.3**	0.02	0.04	*C07-08*
Tonsil	8	0.1	0.1	**0.1**	0.01	0.01	4	0.1	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	5	0.1	0.1	**0.1**	0.00	0.01	3	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	256	3.0	3.5	**3.5**	0.25	0.37	107	1.6	1.5	**1.5**	0.11	0.15	*C11*
Hypopharynx	30	0.4	0.4	**0.4**	0.03	0.05	29	0.4	0.4	**0.4**	0.03	0.04	*C12-13*
Pharynx unspecified	8	0.1	0.1	**0.1**	0.01	0.02	2	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	36	0.4	0.5	**0.5**	0.03	0.07	24	0.4	0.3	**0.3**	0.02	0.04	*C15*
Stomach	407	4.8	5.5	**5.8**	0.35	0.71	227	3.4	3.1	**3.2**	0.20	0.36	*C16*
Small intestine	33	0.4	0.4	**0.5**	0.03	0.06	26	0.4	0.4	**0.4**	0.02	0.04	*C17*
Colon	433	5.1	5.9	**6.3**	0.41	0.78	387	5.8	5.4	**5.5**	0.35	0.63	*C18*
Rectum	289	3.4	3.9	**4.2**	0.27	0.50	264	3.9	3.7	**3.7**	0.25	0.41	*C19-20*
Anus	23	0.3	0.3	**0.3**	0.02	0.03	11	0.2	0.2	**0.2**	0.01	0.02	*C21*
Liver	117	1.4	1.6	**1.7**	0.09	0.23	72	1.1	1.0	**1.1**	0.05	0.12	*C22*
Gallbladder etc.	98	1.2	1.3	**1.5**	0.08	0.18	179	2.7	2.5	**2.6**	0.15	0.33	*C23-24*
Pancreas	169	2.0	2.3	**2.4**	0.14	0.31	87	1.3	1.2	**1.2**	0.06	0.15	*C25*
Nose, sinuses etc.	20	0.2	0.3	**0.3**	0.02	0.03	11	0.2	0.2	**0.1**	0.01	0.01	*C30-31*
Larynx	408	4.8	5.6	**6.0**	0.38	0.75	28	0.4	0.4	**0.4**	0.02	0.05	*C32*
Trachea, bronchus and lung	2053	24.3	28.0	**30.6**	1.93	4.01	182	2.7	2.5	**2.6**	0.17	0.31	*C33-34*
Other thoracic organs	26	0.3	0.4	**0.4**	0.03	0.04	16	0.2	0.2	**0.2**	0.01	0.02	*C37-38*
Bone	82	1.0	1.1	**1.1**	0.07	0.07	54	0.8	0.7	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	38	0.4	0.5	**0.5**	0.02	0.05	41	0.6	0.6	**0.5**	0.03	0.05	*C43*
Other skin	529		7.2	**7.4**	0.35	0.82	403		5.6	**5.7**	0.26	0.63	*C44*
Mesothelioma	14	0.2	0.2	**0.2**	0.02	0.03	4	0.1	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	55	0.6	0.7	**0.7**	0.02	0.09	25	0.4	0.3	**0.4**	0.01	0.05	*C46*
Connective and soft tissue	124	1.5	1.7	**1.8**	0.11	0.16	77	1.2	1.1	**1.1**	0.08	0.11	*C47+C49*
Breast	45	0.5	0.6	**0.6**	0.03	0.08	2260	33.8	31.3	**30.9**	2.43	3.27	*C50*
Vulva							41	0.6	0.6	**0.6**	0.04	0.07	*C51*
Vagina							20	0.3	0.3	**0.3**	0.01	0.03	*C52*
Cervix uteri							319	4.8	4.4	**4.6**	0.36	0.53	*C53*
Corpus uteri							229	3.4	3.2	**3.4**	0.25	0.43	*C54*
Uterus unspecified							32	0.5	0.4	**0.5**	0.04	0.06	*C55*
Ovary							277	4.1	3.8	**4.0**	0.31	0.44	*C56*
Other female genital organs							2	0.0	0.0	**0.0**	0.00	0.01	*C57*
Placenta							7	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	8	0.1	0.1	**0.1**	0.01	0.02							*C60*
Prostate	808	9.5	11.0	**11.4**	0.34	1.32							*C61*
Testis	62	0.7	0.8	**0.8**	0.05	0.06							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	153	1.8	2.1	**2.3**	0.15	0.27	99	1.5	1.4	**1.5**	0.08	0.16	*C64*
Renal pelvis	6	0.1	0.1	**0.1**	0.00	0.01	4	0.1	0.1	**0.1**	0.01	0.01	*C65*
Ureter	9	0.1	0.1	**0.1**	0.00	0.02	3	0.0	0.0	**0.0**	0.00	0.01	*C66*
†Bladder	883	10.4	12.0	**12.9**	0.58	1.67	105	1.6	1.5	**1.5**	0.06	0.17	*C67*
Other urinary organs	4	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	29	0.3	0.4	**0.5**	0.02	0.03	10	0.1	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	184	2.2	2.5	**2.7**	0.21	0.25	134	2.0	1.9	**1.9**	0.13	0.18	*C70-72*
Thyroid	78	0.9	1.1	**1.1**	0.08	0.12	245	3.7	3.4	**3.3**	0.23	0.32	*C73*
Adrenal gland	10	0.1	0.1	**0.2**	0.01	0.01	6	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	2	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	154	1.8	2.1	**2.0**	0.15	0.19	115	1.7	1.6	**1.4**	0.09	0.11	*C81*
Non-Hodgkin lymphoma	398	4.7	5.4	**5.7**	0.37	0.62	265	4.0	3.7	**3.8**	0.20	0.41	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	76	0.9	1.0	**1.1**	0.07	0.14	81	1.2	1.1	**1.2**	0.08	0.15	*C90*
Lymphoid leukaemia	111	1.3	1.5	**1.6**	0.08	0.14	81	1.2	1.1	**1.3**	0.08	0.10	*C91*
Myeloid leukaemia	138	1.6	1.9	**1.9**	0.14	0.19	101	1.5	1.4	**1.4**	0.10	0.14	*C92-94*
Leukaemia unspecified	6	0.1	0.1	**0.1**	0.00	0.00	8	0.1	0.1	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	380	4.5	5.2	**5.5**	0.35	0.64	276	4.1	3.8	**4.0**	0.24	0.43	*O&U*
All sites	8994		122.5	**129.9**	7.48	15.49	7097		98.4	**99.7**	6.76	10.84	*C00-96*
All sites except C44	8465	100.0	115.3	**122.6**	7.13	14.67	6694	100.0	92.8	**94.0**	6.50	10.21	*C00-96 exc. C44*
	§Includes 104 cases of unknown age						§Includes 90 cases of unknown age						

†*See note following population pyramid

Uganda, Kyadondo County

REGISTRATION AREA

The Kampala Cancer Registry covers the population of Kyadondo County, which includes the city of Kampala (the capital of Uganda) and a peri-urban area extending approximately 30 km to the north. The majority of residents are members of the Ganda ethnic group.

CANCER CARE FACILITIES

Kyadondo County is served by the 1500-bed Mulago National Referral Hospital, which is equipped with modern diagnostic facilities. An oncology unit (the Uganda Cancer Institute) provides chemotherapy for various types of cancers, and the hospital has a department of radiotherapy (one of only two in the country). The city of Kampala has three moderate-sized mission hospitals with about 200 beds each. There are two hospital histopathology departments and three private histopathology laboratories. Palliative and end-of-life care services are provided by the Uganda Hospice.

REGISTRY STRUCTURE AND METHODS

The registry is situated in the Department of Pathology at the Makerere University College of Health Sciences, and has recruited personnel to assist in coordinating data collection. Submission to the registry is voluntary and infrequent, as cancer is not a reportable disease in Uganda. Registration is therefore almost entirely active. Registration visits to hospitals, hospices, and histopathology laboratories are carried out at least once a month, during which the hospital records – including admission and discharge registers, clinical notes, and pathology reports – are consulted. For each cancer case, both demographic and cancer diagnostic data are recorded. Death certificates are incomplete and therefore not used as a source of information by the registry. The registry is computerized, and data management is carried out using CanReg software, which includes checks for consistency and validity and facilitates the search for potential duplicate registration.

INTERPRETING THE RESULTS

In 2001, the completeness of registration was determined to be about 90% for adult cancer cases.

USE OF THE DATA

The registry provides the longest time series of cancer incidence in Africa. This makes the data of special value for cancer surveillance and research, particularly for monitoring the epidemic of HIV/AIDS and as a baseline for analytical studies and intervention studies.

CONTRIBUTORS

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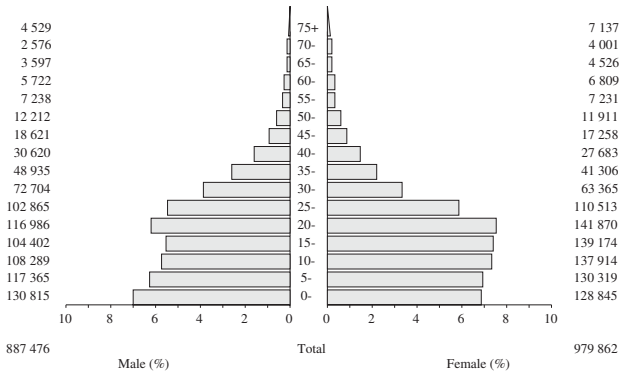
Uganda, Kyadondo County (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2002 national census data and 2007 estimates for the city of Kampala, from the Uganda Bureau of Statistics (UBOS). The estimates for 2003–2007 assume a constant rate of growth within age groups between 2002 and 2007. The same methodology and growth rates were applied to derive 2003–2007 estimates for the non-urban area of Kyadondo County.

NOTES ON THE DATA

*No official mortality data. Limited DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	42.5	Cervix uteri	54.3
Kaposi sarcoma	29.5	Breast	32.9
Oesophagus	15.6	Kaposi sarcoma	20.2
Liver	11.4	Oesophagus	11.5
Non-Hodgkin lymphoma	9.6	Liver	8.7
Stomach	8.0	Other and unspecified	8.1
Other and unspecified	6.5	Non-Hodgkin lymphoma	7.2
Trachea, bronchus and lung	5.2	Ovary	6.9
Colon	4.1	Stomach	5.9
Rectum	3.8	Corpus uteri	5.6
All sites	180.8	All sites	214.9

*Uganda, Kyadondo County (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.1	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	10	0.3	0.2	**0.8**	0.08	0.08	5	0.1	0.1	**0.6**	0.05	0.08	*C01-02*
Mouth	18	0.6	0.4	**1.3**	0.10	0.12	16	0.4	0.3	**1.0**	0.05	0.15	*C03-06*
Salivary glands	8	0.3	0.2	**0.6**	0.03	0.10	10	0.3	0.2	**0.6**	0.07	0.07	*C07-08*
Tonsil	6	0.2	0.1	**0.5**	0.04	0.08	2	0.1	0.0	**0.1**	0.00	0.00	*C09*
Other oropharynx	10	0.3	0.2	**0.8**	0.05	0.08	7	0.2	0.1	**0.3**	0.03	0.03	*C10*
Nasopharynx	42	1.4	0.9	**2.2**	0.17	0.25	27	0.7	0.6	**1.6**	0.16	0.16	*C11*
Hypopharynx	11	0.4	0.2	**1.3**	0.13	0.16	4	0.1	0.1	**0.3**	0.01	0.06	*C12-13*
Pharynx unspecified	2	0.1	0.0	**0.1**	0.01	0.01	1	0.0	0.0	**0.1**	0.01	0.01	*C14*
Oesophagus	157	5.4	3.5	**15.6**	0.99	1.98	125	3.2	2.6	**11.5**	0.63	1.58	*C15*
Stomach	84	2.9	1.9	**8.0**	0.38	1.10	78	2.0	1.6	**5.9**	0.38	0.77	*C16*
Small intestine	1	0.0	0.0	**0.1**	0.01	0.01	3	0.1	0.1	**0.2**	0.00	0.03	*C17*
Colon	50	1.7	1.1	**4.1**	0.27	0.49	55	1.4	1.1	**4.8**	0.32	0.58	*C18*
Rectum	47	1.6	1.1	**3.8**	0.22	0.51	61	1.6	1.2	**4.6**	0.33	0.50	*C19-20*
Anus	5	0.2	0.1	**0.3**	0.02	0.02	7	0.2	0.1	**0.5**	0.04	0.07	*C21*
Liver	177	6.1	4.0	**11.4**	0.68	1.36	131	3.4	2.7	**8.7**	0.54	1.07	*C22*
Gallbladder etc.	3	0.1	0.1	**0.3**	0.04	0.04	5	0.1	0.1	**0.4**	0.02	0.07	*C23-24*
Pancreas	30	1.0	0.7	**2.7**	0.11	0.39	25	0.6	0.5	**2.1**	0.11	0.29	*C25*
Nose, sinuses etc.	5	0.2	0.1	**0.2**	0.01	0.01	14	0.4	0.3	**0.9**	0.05	0.12	*C30-31*
Larynx	31	1.1	0.7	**2.5**	0.12	0.31	6	0.2	0.1	**0.2**	0.02	0.02	*C32*
Trachea, bronchus and lung	59	2.0	1.3	**5.2**	0.28	0.65	55	1.4	1.1	**5.1**	0.25	0.78	*C33-34*
Other thoracic organs	11	0.4	0.2	**0.6**	0.02	0.10	9	0.2	0.2	**0.8**	0.04	0.14	*C37-38*
Bone	48	1.6	1.1	**1.9**	0.11	0.26	43	1.1	0.9	**1.7**	0.13	0.18	*C40-41*
Melanoma of skin	13	0.4	0.3	**1.1**	0.05	0.15	29	0.7	0.6	**2.0**	0.12	0.29	*C43*
Other skin	58		1.3	**3.5**	0.26	0.40	41		0.8	**2.7**	0.18	0.30	*C44*
Mesothelioma	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	856	29.3	19.3	**29.5**	2.11	2.87	751	19.3	15.3	**20.2**	1.62	1.70	*C46*
Connective and soft tissue	65	2.2	1.5	**2.4**	0.18	0.21	60	1.5	1.2	**2.8**	0.20	0.31	*C47+C49*
Breast	24	0.8	0.5	**2.0**	0.11	0.21	498	12.8	10.2	**32.9**	2.52	3.88	*C50*
Vulva							12	0.3	0.2	**0.6**	0.03	0.10	*C51*
Vagina							9	0.2	0.2	**0.6**	0.05	0.07	*C52*
Cervix uteri							865	22.2	17.7	**54.3**	4.48	6.15	*C53*
Corpus uteri							63	1.6	1.3	**5.6**	0.42	0.75	*C54*
Uterus unspecified							23	0.6	0.5	**1.7**	0.08	0.22	*C55*
Ovary							126	3.2	2.6	**6.9**	0.53	0.77	*C56*
Other female genital organs							3	0.1	0.1	**0.1**	0.01	0.01	*C57*
Placenta							41	1.1	0.8	**1.0**	0.08	0.08	*C58*
Penis	30	1.0	0.7	**2.2**	0.09	0.21							*C60*
Prostate	357	12.2	8.0	**42.5**	1.13	5.36							*C61*
Testis	12	0.4	0.3	**0.3**	0.02	0.02							*C62*
Other male genital organs	3	0.1	0.1	**0.2**	0.02	0.02							*C63*
Kidney	40	1.4	0.9	**1.1**	0.07	0.07	41	1.1	0.8	**1.7**	0.10	0.19	*C64*
Renal pelvis	1	0.0	0.0	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.0	0.0	**0.2**	0.00	0.04	2	0.1	0.0	**0.2**	0.03	0.03	*C66*
Bladder	31	1.1	0.7	**2.6**	0.13	0.30	25	0.6	0.5	**1.8**	0.11	0.23	*C67*
Other urinary organs	2	0.1	0.0	**0.3**	0.03	0.03	2	0.1	0.0	**0.1**	0.01	0.01	*C68*
Eye	73	2.5	1.6	**2.7**	0.19	0.26	94	2.4	1.9	**3.0**	0.21	0.28	*C69*
Brain, nervous system	37	1.3	0.8	**1.9**	0.11	0.20	17	0.4	0.3	**0.9**	0.06	0.10	*C70-72*
Thyroid	19	0.6	0.4	**1.7**	0.09	0.25	55	1.4	1.1	**3.2**	0.26	0.35	*C73*
Adrenal gland	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	2	0.1	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	44	1.5	1.0	**1.6**	0.10	0.17	43	1.1	0.9	**1.9**	0.15	0.22	*C81*
Non-Hodgkin lymphoma	294	10.1	6.6	**9.6**	0.62	0.88	238	6.1	4.9	**7.2**	0.41	0.77	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	26	0.9	0.6	**2.1**	0.14	0.28	22	0.6	0.4	**2.1**	0.14	0.27	*C90*
Lymphoid leukaemia	26	0.9	0.6	**0.9**	0.02	0.12	16	0.4	0.3	**0.5**	0.01	0.04	*C91*
Myeloid leukaemia	21	0.7	0.5	**0.6**	0.03	0.06	15	0.4	0.3	**0.3**	0.02	0.02	*C92-94*
Leukaemia unspecified	19	0.6	0.4	**0.8**	0.05	0.08	15	0.4	0.3	**0.6**	0.06	0.06	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	109	3.7	2.5	**6.5**	0.42	0.72	138	3.5	2.8	**8.1**	0.56	0.93	*O&U*
All sites	2983		67.2	**180.8**	9.88	21.03	3936		80.3	**214.9**	15.64	24.88	*C00-96*
All sites except C44	2925	100.0	65.9	**177.3**	9.62	20.63	3895	100.0	79.5	**212.2**	15.46	24.59	*C00-96 exc. C44*
	§Includes 44 cases of unknown age						§Includes 85 cases of unknown age						

*See note following population pyramid

Zimbabwe, Harare: African

REGISTRATION AREA
The Zimbabwe National Cancer Registry was established in Harare in 1985 as a result of an agreement between IARC and the Zimbabwean Ministry of Health. The registry became population-based in 1990 and covers the population of the city of Harare (1.4 million inhabitants).

CANCER CARE FACILITIES
There are two large central referral hospitals: Harare Central Hospital and Parirenyatwa Hospital.

REGISTRY STRUCTURE AND METHODS
The registry is strategically located at Parirenyatwa Hospital, a large government referral centre and the location of the University of Zimbabwe's College of Health Sciences. It is supported by the Zimbabwean Ministry of Health and Child Welfare, IARC, and other organizations. The activities of the registry are overseen by a constituted advisory committee, and the day-to-day administration is the responsibility of the registrar under the guidance of the medical director. The registry has four full-time staff members: a registrar, a secretary, and two data collection clerks. Case finding is mainly active, carried out through visits to health care delivery institutions involved in the management of cancer patients. Data sources include routine visits to the inpatient wards of the two government central referral hospitals, medical records of discharged and deceased cancer patients, visits to oncology outpatient clinics, histology reports from the public and private sectors, medical records from the radiotherapy department, and death certificates of patients who died of cancer in greater Harare. The information recorded for each case includes sex, date of birth or age, residence status, racial group, basis of diagnosis, tumour site, and histology. When possible, demographic data and residence status are verified through hospital inpatient interviews. Incoming notifications are thoroughly verified to ensure the recording of incident cases only. Data are coded according to the ICD-O system and stored electronically using CanReg software.

INTERPRETING THE RESULTS
Residence status is defined as the patient's place of residence during the previous 6 months.

USE OF THE DATA
Data from the registry are extensively used by Zimbabwean and foreign researchers, lecturers, students, conference participants, and health educators, as well as by the Zimbabwean Ministry of Health and Child Welfare for management planning and cancer control programmes.

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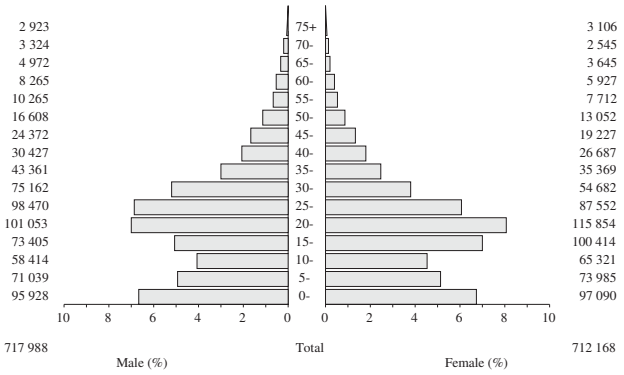
Zimbabwe, Harare: African (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on 2002 national census reports. Projections for subsequent years were provided by the Zimbabwean Central Statistical Office (Census Office).

NOTES ON THE DATA
*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	62.4	Cervix uteri	86.7
Kaposi sarcoma	37.3	Breast	33.9
Oesophagus	22.2	Kaposi sarcoma	23.5
Liver	16.7	Oesophagus	15.3
Stomach	11.7	Stomach	14.2
Trachea, bronchus and lung	10.1	Liver	13.9
Bladder	9.4	Ovary	10.9
Non-Hodgkin lymphoma	8.8	Non-Hodgkin lymphoma	10.0
Colon	8.0	Corpus uteri	10.0
Other and unspecified	6.7	Trachea, bronchus and lung	6.4
All sites	244.5	All sites	299.5

*Zimbabwe, Harare: African (2003-2006)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	9	0.3	0.3	**0.9**	0.06	0.09	5	0.2	0.2	**0.4**	0.02	0.06	*C01-02*
Mouth	10	0.4	0.3	**0.8**	0.05	0.08	9	0.3	0.3	**1.1**	0.05	0.11	*C03-06*
Salivary glands	10	0.4	0.3	**0.6**	0.05	0.07	12	0.4	0.4	**1.0**	0.09	0.12	*C07-08*
Tonsil	3	0.1	0.1	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	3	0.1	0.1	**0.4**	0.03	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	12	0.4	0.4	**0.7**	0.04	0.09	6	0.2	0.2	**0.4**	0.03	0.03	*C11*
Hypopharynx	2	0.1	0.1	**0.3**	0.02	0.02	2	0.1	0.1	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	3	0.1	0.1	**0.4**	0.00	0.05	2	0.1	0.1	**0.2**	0.00	0.00	*C14*
Oesophagus	182	6.5	6.3	**22.2**	0.68	2.64	103	3.3	3.6	**15.3**	0.69	2.04	*C15*
Stomach	106	3.8	3.7	**11.7**	0.42	1.47	96	3.1	3.4	**14.2**	0.60	1.83	*C16*
Small intestine	6	0.2	0.2	**0.8**	0.04	0.09	2	0.1	0.1	**0.1**	0.01	0.01	*C17*
Colon	76	2.7	2.6	**8.0**	0.34	0.97	48	1.5	1.7	**5.8**	0.29	0.85	*C18*
Rectum	55	2.0	1.9	**5.0**	0.24	0.58	43	1.4	1.5	**5.3**	0.22	0.63	*C19-20*
Anus	3	0.1	0.1	**0.4**	0.02	0.02	2	0.1	0.1	**0.2**	0.00	0.00	*C21*
Liver	199	7.1	6.9	**16.7**	0.74	1.80	101	3.2	3.5	**13.9**	0.48	1.89	*C22*
Gallbladder etc.	8	0.3	0.3	**1.2**	0.02	0.12	11	0.4	0.4	**1.4**	0.07	0.21	*C23-24*
Pancreas	36	1.3	1.3	**4.3**	0.16	0.42	41	1.3	1.4	**6.1**	0.27	0.67	*C25*
Nose, sinuses etc.	12	0.4	0.4	**1.1**	0.03	0.15	7	0.2	0.2	**0.6**	0.04	0.09	*C30-31*
Larynx	40	1.4	1.4	**4.6**	0.21	0.49	6	0.2	0.2	**0.8**	0.04	0.08	*C32*
Trachea, bronchus and lung	87	3.1	3.0	**10.1**	0.39	1.04	49	1.6	1.7	**6.4**	0.31	0.83	*C33-34*
Other thoracic organs	5	0.2	0.2	**0.2**	0.01	0.04	3	0.1	0.1	**0.2**	0.01	0.01	*C37-38*
Bone	51	1.8	1.8	**2.4**	0.15	0.20	30	1.0	1.1	**1.5**	0.10	0.13	*C40-41*
Melanoma of skin	14	0.5	0.5	**1.5**	0.05	0.25	21	0.7	0.7	**3.3**	0.13	0.32	*C43*
Other skin	52		1.8	**4.2**	0.14	0.58	47		1.6	**4.5**	0.32	0.63	*C44*
Mesothelioma	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	824	29.4	28.7	**37.3**	2.83	3.70	524	16.7	18.4	**23.5**	1.99	2.13	*C46*
Connective and soft tissue	37	1.3	1.3	**2.4**	0.14	0.28	25	0.8	0.9	**1.7**	0.12	0.21	*C47+C49*
Breast	13	0.5	0.5	**1.5**	0.05	0.07	364	11.6	12.8	**33.9**	2.66	3.65	*C50*
Vulva							14	0.4	0.5	**1.1**	0.07	0.14	*C51*
Vagina							4	0.1	0.1	**0.2**	0.02	0.02	*C52*
Cervix uteri							847	27.1	29.7	**86.7**	5.68	10.40	*C53*
Corpus uteri							69	2.2	2.4	**10.0**	0.52	1.27	*C54*
Uterus unspecified							17	0.5	0.6	**1.8**	0.13	0.13	*C55*
Ovary							110	3.5	3.9	**10.9**	0.63	1.39	*C56*
Other female genital organs							1	0.0	0.0	**0.1**	0.00	0.00	*C57*
Placenta							29	0.9	1.0	**0.9**	0.07	0.07	*C58*
Penis	14	0.5	0.5	**1.1**	0.07	0.14							*C60*
Prostate	420	15.0	14.6	**62.4**	1.09	6.91							*C61*
Testis	6	0.2	0.2	**0.3**	0.01	0.04							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	31	1.1	1.1	**1.6**	0.08	0.10	21	0.7	0.7	**1.0**	0.09	0.09	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	75	2.7	2.6	**9.4**	0.31	0.94	51	1.6	1.8	**6.2**	0.35	0.74	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	108	3.9	3.8	**5.5**	0.40	0.55	112	3.6	3.9	**5.4**	0.39	0.52	*C69*
Brain, nervous system	37	1.3	1.3	**1.6**	0.09	0.16	38	1.2	1.3	**3.2**	0.20	0.34	*C70-72*
Thyroid	8	0.3	0.3	**0.9**	0.07	0.09	38	1.2	1.3	**4.7**	0.31	0.53	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	13	0.5	0.5	**0.7**	0.07	0.07	10	0.3	0.4	**0.5**	0.02	0.07	*C81*
Non-Hodgkin lymphoma	158	5.6	5.5	**8.8**	0.62	0.89	139	4.4	4.9	**10.0**	0.81	1.00	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	21	0.7	0.7	**1.8**	0.11	0.18	26	0.8	0.9	**4.0**	0.20	0.64	*C90*
Lymphoid leukaemia	8	0.3	0.3	**0.6**	0.03	0.06	11	0.4	0.4	**1.1**	0.07	0.16	*C91*
Myeloid leukaemia	24	0.9	0.8	**1.3**	0.11	0.14	22	0.7	0.8	**1.9**	0.08	0.28	*C92-94*
Leukaemia unspecified	9	0.3	0.3	**0.7**	0.01	0.05	1	0.0	0.0	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	65	2.3	2.3	**6.7**	0.28	0.89	58	1.9	2.0	**6.3**	0.30	0.86	*O&U*
All sites	2857		99.5	**244.5**	10.27	26.75	3177		111.5	**299.5**	18.55	35.35	*C00-96*
All sites except C44	2805	100.0	97.7	**240.3**	10.12	26.17	3130	100.0	109.9	**295.0**	18.23	34.73	*C00-96 exc. C44*
	§Includes 77 cases of unknown age						§Includes 77 cases of unknown age						

*See note following population pyramid

Argentina, Bahía Blanca

REGISTRATION AREA

The Regional Tumor Registry of the South of the Province of Buenos Aires covers the political area of Bahía Blanca, with a population of 290 000 at the 2005 census. Nearly 100% of the population is White, primarily descended from European immigrants. In some political areas, such as Coronel Suárez, there are settlements of German descendants. In the south of the province, a varying population of workers comes from Chile for the onion harvest, but the permanent Chilean population amounts to less than 5% of the total population.

CANCER CARE FACILITIES

Both of the area's public hospitals provide oncology services. There are two private radiotherapy institutes, which also treat patients from public hospitals; one has a linear accelerator. Computerized tomography is available in almost all the larger public and private institutions, and one institution has a nuclear magnetic resonance imaging facility.

REGISTRY STRUCTURE AND METHODS

Although the registry was recognized by a provincial law and a municipal resolution in 1993, it does not have a specific budget. The Argentine Association for Cancer Prevention and Education (AAPEC), a non-profit organization founded in 1986 to improve cancer control, maintains the registry and other high-priority projects, such as the tobacco control programme. Although resources are limited, the registry employs two registrars and a registry coordinator. Most of the registry's resources are provided by the municipal government of Bahía Blanca.

USE OF THE DATA

Incidence reporting is the most important activity of the registry, as population-based cancer registration is limited in the country. The registry is currently involved in epidemiological research, and policy-makers use its data for planning and evaluating health services. In 2011, an agreement was reached between the municipality of Bahía Blanca, the Health Sciences Department of the National University of the South, and AAPEC to improve cancer registration quality and increase data use. The agreement includes the creation of two scholarships for advanced medical students. The registry has recently performed studies on cancer incidence trends and was invited to participate in the CONCORD-2 survival study.

CONTRIBUTORS

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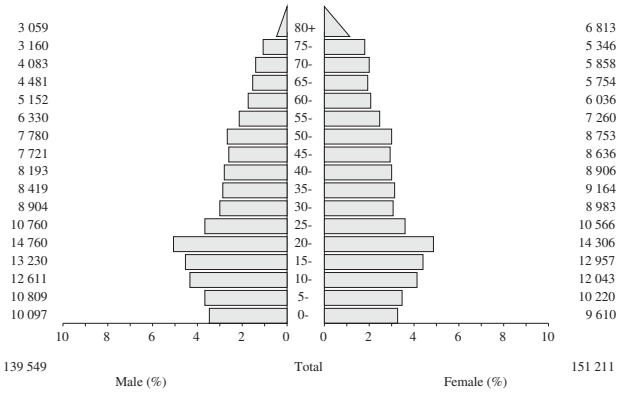
Argentina, Bahía Blanca (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 1991 and 2001 censuses, with a 2005 estimate for Bahía Blanca using exponential interpolation.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	45.4	Breast	74.7
Trachea, bronchus and lung	36.9	Non-melanoma skin cancer	17.3
Colon	26.4	Other and unspecified	14.7
Non-melanoma skin cancer	24.0	Colon	14.4
Bladder	17.9	Ovary	13.0
Other and unspecified	15.6	Cervix uteri	12.5
Stomach	14.4	Non-Hodgkin lymphoma	8.9
Kidney	11.2	Trachea, bronchus and lung	8.3
Non-Hodgkin lymphoma	9.3	Corpus uteri	8.0
Rectum	7.8	Thyroid	6.6
All sites	280.2	All sites	238.3

Argentina, Bahía Blanca (2003-2007)

	Male						Female						
SITE	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	7	0.3	1.0	**0.7**	0.03	0.10	1	0.0	0.1	**0.1**	0.00	0.02	*C00*
Tongue	14	0.6	2.0	**1.6**	0.12	0.21	4	0.2	0.5	**0.5**	0.06	0.06	*C01-02*
Mouth	22	1.0	3.2	**2.9**	0.23	0.37	11	0.4	1.5	**0.7**	0.03	0.07	*C03-06*
Salivary glands	4	0.2	0.6	**0.4**	0.03	0.03	4	0.2	0.5	**0.4**	0.04	0.04	*C07-08*
Tonsil	2	0.1	0.3	**0.3**	0.03	0.03	2	0.1	0.3	**0.1**	0.01	0.01	*C09*
Other oropharynx	1	0.0	0.1	**0.1**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	3	0.1	0.4	**0.4**	0.02	0.02	1	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	4	0.2	0.6	**0.4**	0.03	0.05	1	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.1	0.3	**0.2**	0.02	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	56	2.4	8.0	**6.0**	0.34	0.77	25	1.0	3.3	**1.4**	0.08	0.09	*C15*
Stomach	134	5.8	19.2	**14.4**	0.78	1.66	82	3.3	10.8	**6.1**	0.35	0.64	*C16*
Small intestine	3	0.1	0.4	**0.4**	0.03	0.03	4	0.2	0.5	**0.4**	0.04	0.04	*C17*
Colon	242	10.5	34.7	**26.4**	1.48	3.03	207	8.3	27.4	**14.4**	0.71	1.70	*C18*
Rectum	70	3.0	10.0	**7.8**	0.46	1.09	56	2.2	7.4	**4.7**	0.28	0.57	*C19-20*
Anus	3	0.1	0.4	**0.4**	0.02	0.06	10	0.4	1.3	**0.8**	0.05	0.06	*C21*
Liver	44	1.9	6.3	**5.1**	0.35	0.70	23	0.9	3.0	**1.4**	0.04	0.17	*C22*
Gallbladder etc.	31	1.3	4.4	**3.2**	0.12	0.38	30	1.2	4.0	**2.2**	0.14	0.22	*C23-24*
Pancreas	60	2.6	8.6	**6.7**	0.41	0.74	90	3.6	11.9	**5.7**	0.26	0.70	*C25*
Nose, sinuses etc.	2	0.1	0.3	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	45	2.0	6.4	**5.7**	0.41	0.71	10	0.4	1.3	**0.6**	0.03	0.05	*C32*
Trachea, bronchus and lung	317	13.7	45.4	**36.9**	2.25	4.80	96	3.9	12.7	**8.3**	0.58	0.91	*C33-34*
Other thoracic organs	10	0.4	1.4	**1.4**	0.13	0.15	8	0.3	1.1	**0.5**	0.02	0.03	*C37-38*
Bone	15	0.7	2.1	**1.9**	0.13	0.18	11	0.4	1.5	**1.2**	0.08	0.10	*C40-41*
Melanoma of skin	23	1.0	3.3	**2.9**	0.22	0.34	20	0.8	2.6	**1.8**	0.10	0.22	*C43*
Other skin	247		35.4	**24.0**	1.14	2.52	231		30.6	**17.3**	1.00	1.84	*C44*
Mesothelioma	7	0.3	1.0	**0.9**	0.06	0.11	3	0.1	0.4	**0.1**	0.00	0.00	*C45*
Kaposi sarcoma	2	0.1	0.3	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	18	0.8	2.6	**2.0**	0.08	0.16	21	0.8	2.8	**2.0**	0.10	0.21	*C47+C49*
Breast	14	0.6	2.0	**1.5**	0.10	0.13	791	31.8	104.6	**74.7**	5.29	8.76	*C50*
Vulva							6	0.2	0.8	**0.3**	0.00	0.04	*C51*
Vagina							11	0.4	1.5	**1.0**	0.09	0.09	*C52*
Cervix uteri							109	4.4	14.4	**12.5**	1.04	1.25	*C53*
Corpus uteri							95	3.8	12.6	**8.0**	0.52	0.97	*C54*
Uterus unspecified							22	0.9	2.9	**1.9**	0.13	0.20	*C55*
Ovary							128	5.1	16.9	**13.0**	0.96	1.44	*C56*
Other female genital organs							8	0.3	1.1	**0.7**	0.05	0.07	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	11	0.5	1.6	**1.2**	0.08	0.13							*C60*
Prostate	450	19.5	64.5	**45.4**	1.50	6.09							*C61*
Testis	33	1.4	4.7	**4.5**	0.34	0.34							*C62*
Other male genital organs	1	0.0	0.1	**0.1**	0.00	0.00							*C63*
Kidney	94	4.1	13.5	**11.2**	0.64	1.56	47	1.9	6.2	**3.7**	0.23	0.40	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C65*
Ureter	3	0.1	0.4	**0.2**	0.00	0.00	3	0.1	0.4	**0.3**	0.01	0.05	*C66*
Bladder	171	7.4	24.5	**17.9**	0.84	2.07	48	1.9	6.3	**2.9**	0.14	0.26	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.1	0.3	**0.3**	0.03	0.03	2	0.1	0.3	**0.1**	0.00	0.02	*C69*
Brain, nervous system	39	1.7	5.6	**4.9**	0.29	0.53	53	2.1	7.0	**5.4**	0.35	0.46	*C70-72*
Thyroid	11	0.5	1.6	**1.4**	0.09	0.16	55	2.2	7.3	**6.6**	0.53	0.64	*C73*
Adrenal gland	1	0.0	0.1	**0.1**	0.01	0.01	2	0.1	0.3	**0.5**	0.02	0.02	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.3	**0.2**	0.03	0.03	*C75*
Hodgkin lymphoma	19	0.8	2.7	**2.4**	0.18	0.25	17	0.7	2.2	**2.0**	0.11	0.17	*C81*
Non-Hodgkin lymphoma	77	3.3	11.0	**9.3**	0.56	0.87	87	3.5	11.5	**8.9**	0.70	0.90	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	18	0.8	2.6	**1.7**	0.05	0.17	24	1.0	3.2	**1.7**	0.08	0.20	*C90*
Lymphoid leukaemia	30	1.3	4.3	**4.0**	0.21	0.37	31	1.2	4.1	**3.9**	0.19	0.27	*C91*
Myeloid leukaemia	31	1.3	4.4	**3.5**	0.14	0.42	37	1.5	4.9	**3.7**	0.21	0.35	*C92-94*
Leukaemia unspecified	8	0.3	1.1	**0.9**	0.06	0.08	9	0.4	1.2	**0.6**	0.03	0.05	*C95*
Myeloproliferative disorders	1	0.0	0.1	**0.1**	0.00	0.02	1	0.0	0.1	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	2	0.1	0.3	**0.2**	0.00	0.02	1	0.0	0.1	**0.0**	0.00	0.00	*MDS*
Other and unspecified	150	6.5	21.5	**15.6**	0.79	1.75	179	7.2	23.7	**14.7**	0.96	1.64	*O&U*
All sites	2554		366.0	**280.2**	14.98	33.45	2721		359.9	**238.3**	15.73	26.11	*C00-96*
All sites except C44	2307	100.0	330.6	**256.1**	13.82	30.90	2490	100.0	329.3	**221.0**	14.72	24.26	*C00-96 exc. C44*
	§Includes 114 cases of unknown age						§Includes 144 cases of unknown age						

Argentina, Córdoba

REGISTRATION AREA

The Córdoba Cancer Registry covers the city of Córdoba (the capital of Córdoba Province), with an area of 576 km^2. The population is approximately 1.3 million (48% male).

CANCER CARE FACILITIES

The health system in Córdoba Province consists of private and public providers. There are 12 public hospitals, each with pathology and oncology services. There are also 20 private health care institutions that provide care for cancer patients. Data are collected from 17 of these; in the others, the number of cancer patients is very low. There are two radiotherapy centres and two highly complex diagnostic centres in the city.

REGISTRY STRUCTURE AND METHODS

The registry is located at the Provincial Cancer Hospital, with a dedicated office and all equipment necessary to carry out its activities. The staff consists of two medical doctors, a statistician, and two registrars. Data are collected both actively and passively from all 33 of the above-mentioned sources. In addition, the social insurance of state employees (25% of the population) provides pathology results. Information on death certificates is obtained from the State Statistics Department. Data are recorded using CanReg4 software. Quality checks are done periodically using IARC tools to calculate the standard quality indicators.

USE OF THE DATA

The registry has produced three publications, and is participating in the most recent CONCORD survival study. Registry data have been provided to university instructors and researchers for a variety of projects. The registry has also been consulted by state judicial courts to provide information on environmental issues in the city.

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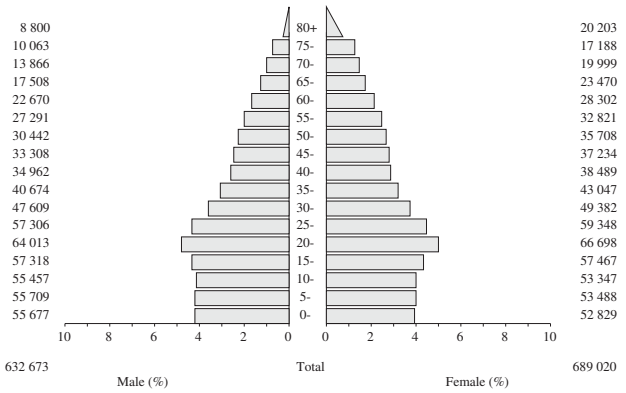
Argentina, Córdoba (2004-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2001 census carried out by the Argentine National Institute of Statistics and Censuses (INDEC; http://www.indec.gov.ar).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	43.8	Breast	78.1
Trachea, bronchus and lung	29.4	Non-melanoma skin cancer	16.7
Non-melanoma skin cancer	26.5	Cervix uteri	14.0
Colon	19.9	Colon	13.1
Bladder	14.9	Ovary	10.5
Kidney	12.3	Other and unspecified	9.9
Other and unspecified	11.9	Trachea, bronchus and lung	9.3
Stomach	10.6	Corpus uteri	8.2
Non-Hodgkin lymphoma	9.4	Thyroid	7.3
Pancreas	7.2	Non-Hodgkin lymphoma	6.5
All sites	264.2	All sites	233.3

Argentina, Córdoba (2004-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	6	0.1	0.2	**0.2**	0.01	0.02	2	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	33	0.5	1.3	**1.3**	0.13	0.15	17	0.2	0.6	**0.5**	0.03	0.06	*C01-02*
Mouth	31	0.5	1.2	**1.2**	0.07	0.14	22	0.3	0.8	**0.6**	0.03	0.07	*C03-06*
Salivary glands	34	0.5	1.3	**1.2**	0.08	0.12	29	0.4	1.1	**0.8**	0.05	0.09	*C07-08*
Tonsil	11	0.2	0.4	**0.5**	0.03	0.07	1	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	9	0.1	0.4	**0.3**	0.02	0.04	1	0.0	0.0	**0.0**	0.00	0.01	*C10*
Nasopharynx	3	0.0	0.1	**0.1**	0.00	0.02	2	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	16	0.2	0.6	**0.6**	0.04	0.09	6	0.1	0.2	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	5	0.1	0.2	**0.2**	0.01	0.04	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	167	2.6	6.6	**6.0**	0.33	0.73	96	1.3	3.5	**2.3**	0.10	0.30	*C15*
Stomach	288	4.5	11.4	**10.6**	0.47	1.37	162	2.1	5.9	**4.2**	0.26	0.49	*C16*
Small intestine	43	0.7	1.7	**1.6**	0.08	0.20	21	0.3	0.8	**0.5**	0.02	0.05	*C17*
Colon	548	8.5	21.7	**19.9**	0.87	2.39	526	6.9	19.1	**13.1**	0.71	1.47	*C18*
Rectum	167	2.6	6.6	**6.2**	0.35	0.72	129	1.7	4.7	**3.5**	0.26	0.39	*C19-20*
Anus	20	0.3	0.8	**0.7**	0.05	0.07	16	0.2	0.6	**0.4**	0.03	0.06	*C21*
Liver	121	1.9	4.8	**4.4**	0.23	0.55	96	1.3	3.5	**2.3**	0.11	0.23	*C22*
Gallbladder etc.	94	1.5	3.7	**3.3**	0.16	0.38	159	2.1	5.8	**3.8**	0.20	0.40	*C23-24*
Pancreas	197	3.1	7.8	**7.2**	0.36	0.90	230	3.0	8.3	**5.2**	0.23	0.57	*C25*
Nose, sinuses etc.	9	0.1	0.4	**0.4**	0.03	0.04	9	0.1	0.3	**0.2**	0.02	0.02	*C30-31*
Larynx	167	2.6	6.6	**6.5**	0.47	0.82	24	0.3	0.9	**0.7**	0.05	0.09	*C32*
Trachea, bronchus and lung	781	12.1	30.9	**29.4**	1.63	3.73	350	4.6	12.7	**9.3**	0.59	1.12	*C33-34*
Other thoracic organs	33	0.5	1.3	**1.3**	0.08	0.15	24	0.3	0.9	**0.7**	0.04	0.09	*C37-38*
Bone	40	0.6	1.6	**1.5**	0.10	0.13	33	0.4	1.2	**1.1**	0.07	0.08	*C40-41*
Melanoma of skin	100	1.6	4.0	**3.7**	0.25	0.39	102	1.3	3.7	**3.1**	0.21	0.33	*C43*
Other skin	735		29.0	**26.5**	1.32	3.07	626		22.7	**16.7**	1.00	1.95	*C44*
Mesothelioma	21	0.3	0.8	**0.9**	0.07	0.11	19	0.2	0.7	**0.5**	0.03	0.06	*C45*
Kaposi sarcoma	42	0.7	1.7	**1.6**	0.13	0.15	8	0.1	0.3	**0.3**	0.02	0.02	*C46*
Connective and soft tissue	61	0.9	2.4	**2.3**	0.13	0.24	47	0.6	1.7	**1.4**	0.07	0.15	*C47+C49*
Breast	46	0.7	1.8	**1.7**	0.09	0.17	2661	34.8	96.6	**78.1**	5.68	8.87	*C50*
Vulva							49	0.6	1.8	**1.1**	0.04	0.14	*C51*
Vagina							14	0.2	0.5	**0.4**	0.03	0.04	*C52*
Cervix uteri							421	5.5	15.3	**14.0**	1.18	1.35	*C53*
Corpus uteri							287	3.8	10.4	**8.2**	0.53	1.01	*C54*
Uterus unspecified							71	0.9	2.6	**1.9**	0.13	0.21	*C55*
Ovary							351	4.6	12.7	**10.5**	0.74	1.18	*C56*
Other female genital organs							10	0.1	0.4	**0.3**	0.02	0.02	*C57*
Placenta							17	0.2	0.6	**0.6**	0.04	0.04	*C58*
Penis	33	0.5	1.3	**1.2**	0.06	0.15							*C60*
Prostate	1241	19.2	49.0	**43.8**	1.46	5.63							*C61*
Testis	179	2.8	7.1	**6.4**	0.48	0.49							*C62*
Other male genital organs	4	0.1	0.2	**0.2**	0.01	0.02							*C63*
Kidney	323	5.0	12.8	**12.3**	0.81	1.43	164	2.1	6.0	**4.6**	0.30	0.51	*C64*
Renal pelvis	8	0.1	0.3	**0.3**	0.02	0.03	1	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	2	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	407	6.3	16.1	**14.9**	0.78	1.86	131	1.7	4.8	**3.3**	0.16	0.39	*C67*
Other urinary organs	6	0.1	0.2	**0.2**	0.01	0.02	2	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	18	0.3	0.7	**0.8**	0.04	0.06	5	0.1	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	181	2.8	7.2	**7.1**	0.49	0.70	182	2.4	6.6	**5.6**	0.36	0.56	*C70-72*
Thyroid	43	0.7	1.7	**1.7**	0.14	0.17	221	2.9	8.0	**7.3**	0.61	0.70	*C73*
Adrenal gland	4	0.1	0.2	**0.2**	0.01	0.01	10	0.1	0.4	**0.3**	0.03	0.03	*C74*
Other endocrine	12	0.2	0.5	**0.4**	0.03	0.04	2	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	63	1.0	2.5	**2.4**	0.16	0.24	59	0.8	2.1	**1.8**	0.12	0.15	*C81*
Non-Hodgkin lymphoma	248	3.8	9.8	**9.4**	0.62	0.96	228	3.0	8.3	**6.5**	0.40	0.75	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	54	0.8	2.1	**2.0**	0.12	0.26	56	0.7	2.0	**1.5**	0.09	0.17	*C90*
Lymphoid leukaemia	73	1.1	2.9	**2.9**	0.16	0.26	61	0.8	2.2	**2.3**	0.12	0.20	*C91*
Myeloid leukaemia	64	1.0	2.5	**2.4**	0.16	0.22	50	0.7	1.8	**1.5**	0.09	0.15	*C92-94*
Leukaemia unspecified	32	0.5	1.3	**1.2**	0.04	0.13	32	0.4	1.2	**0.8**	0.03	0.06	*C95*
Myeloproliferative disorders	22	0.3	0.9	**0.8**	0.06	0.07	18	0.2	0.7	**0.6**	0.03	0.07	*MPD*
Myelodysplastic syndromes	19	0.3	0.8	**0.7**	0.04	0.08	12	0.2	0.4	**0.3**	0.02	0.04	*MDS*
Other and unspecified	322	5.0	12.7	**11.9**	0.61	1.44	390	5.1	14.2	**9.9**	0.52	1.15	*O&U*
All sites	7186		284.0	**264.2**	13.88	31.27	8264		299.8	**233.3**	15.44	25.97	*C00-96*
All sites except C44	6451	100.0	254.9	**237.8**	12.56	28.20	7638	100.0	277.1	**216.6**	14.44	24.02	*C00-96 exc. C44*

§Includes 1 case of unknown age

§Includes 5 cases of unknown age

Argentina, Mendoza

REGISTRATION AREA

The Mendoza Cancer Registry covers Mendoza Province, with an area of 148 827 km^2. The Andes mountain range is located to the west, and most of the rest of the province consists of desert plains. The population of 1.6 million is distributed across 18 municipalities, with 79% of residents living in urban areas. The population is ethnically heterogeneous, with a mixture of Native peoples and Europeans. Chilean, Bolivian, and Peruvian immigration to the area has increased in recent decades. The economically active population works in agriculture, livestock, business, mining, services, and industry.

CANCER CARE FACILITIES

Cancer diagnosis and treatment are provided through the public, private, and social security systems. Oncology services are provided by six state hospitals, two social security hospitals, and five private hospitals. Three centres provide radiation therapy. The 49.1% of the population that is not covered by social security can receive treatment through the Mendoza Oncology Program. There is also a cervical and breast cancer prevention and early detection programme.

REGISTRY STRUCTURE AND METHODS

The registry was created by law, and its administration and budget are handled by the Epidemiology Division of the Mendoza Health Department. The registry is staffed by three medical doctors and three registrars, who are in charge of passive and active data collection from private and public hospitals, pathology and haematology laboratories, radiation therapy centres, and private practices. The registry also has access to death certificates. Data are collected manually from medical records, anatomical pathology reports, and computerized lists provided by the various sources. Data are coded at the Registry Central Unit using ICD-O-3. Data entry is performed using CanReg software.

USE OF THE DATA

The registry started data collection in 2003, and the first analysis was carried out in 2010. The resulting information was provided to local authorities and professionals and to the National Cancer Institute.

CONTRIBUTORS

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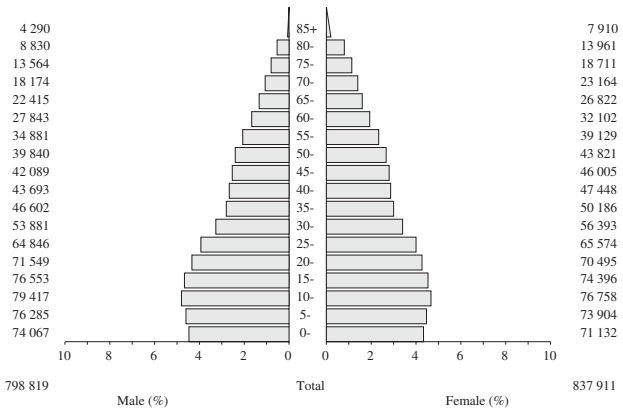
Argentina, Mendoza (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2001 census carried out by the Argentine National Institute of Statistics and Censuses (INDEC; http://www.indec.gov.ar). INDEC also calculated annual estimates for the province of Mendoza, making allowances for births and deaths. It was not possible to estimate migration effects.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	42.5	Breast	74.4
Trachea, bronchus and lung	25.8	Cervix uteri	14.0
Non-melanoma skin cancer	21.2	Colon	13.7
Colon	17.8	Non-melanoma skin cancer	12.9
Bladder	14.2	Ovary	9.4
Stomach	13.1	Other and unspecified	9.2
Other and unspecified	12.1	Corpus uteri	8.4
Kidney	9.1	Trachea, bronchus and lung	6.6
Non-Hodgkin lymphoma	8.3	Non-Hodgkin lymphoma	6.1
Rectum	7.0	Pancreas	5.8
All sites	242.5	All sites	223.8

Argentina, Mendoza (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	8	0.1	0.2	**0.2**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	51	0.5	1.3	**1.2**	0.09	0.13	35	0.3	0.8	**0.6**	0.04	0.06	*C01-02*
Mouth	42	0.4	1.1	**1.0**	0.08	0.11	24	0.2	0.6	**0.5**	0.03	0.05	*C03-06*
Salivary glands	43	0.4	1.1	**1.0**	0.05	0.13	32	0.3	0.8	**0.7**	0.05	0.07	*C07-08*
Tonsil	25	0.3	0.6	**0.6**	0.06	0.07	4	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	4	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	14	0.1	0.4	**0.3**	0.02	0.04	5	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	6	0.1	0.2	**0.1**	0.01	0.02	2	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	9	0.1	0.2	**0.2**	0.01	0.03	4	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	294	3.0	7.4	**6.4**	0.31	0.71	132	1.2	3.2	**2.1**	0.09	0.23	*C15*
Stomach	582	5.9	14.6	**13.1**	0.66	1.57	290	2.7	6.9	**5.1**	0.28	0.57	*C16*
Small intestine	37	0.4	0.9	**0.9**	0.05	0.11	46	0.4	1.1	**0.8**	0.05	0.09	*C17*
Colon	808	8.2	20.2	**17.8**	0.85	2.15	772	7.1	18.4	**13.7**	0.76	1.55	*C18*
Rectum	312	3.2	7.8	**7.0**	0.36	0.88	233	2.1	5.6	**4.1**	0.21	0.49	*C19-20*
Anus	21	0.2	0.5	**0.4**	0.02	0.06	33	0.3	0.8	**0.6**	0.04	0.07	*C21*
Liver	163	1.7	4.1	**3.7**	0.19	0.42	119	1.1	2.8	**2.1**	0.10	0.25	*C22*
Gallbladder etc.	140	1.4	3.5	**3.1**	0.17	0.39	230	2.1	5.5	**4.2**	0.24	0.49	*C23-24*
Pancreas	310	3.2	7.8	**6.8**	0.36	0.79	344	3.2	8.2	**5.8**	0.24	0.73	*C25*
Nose, sinuses etc.	23	0.2	0.6	**0.5**	0.04	0.05	15	0.1	0.4	**0.3**	0.02	0.04	*C30-31*
Larynx	232	2.4	5.8	**5.5**	0.36	0.66	23	0.2	0.5	**0.5**	0.03	0.06	*C32*
Trachea, bronchus and lung	1122	11.4	28.1	**25.8**	1.46	3.28	353	3.3	8.4	**6.6**	0.41	0.79	*C33-34*
Other thoracic organs	29	0.3	0.7	**0.7**	0.05	0.07	27	0.2	0.6	**0.5**	0.02	0.04	*C37-38*
Bone	48	0.5	1.2	**1.2**	0.08	0.09	45	0.4	1.1	**1.0**	0.06	0.10	*C40-41*
Melanoma of skin	130	1.3	3.3	**3.1**	0.21	0.38	148	1.4	3.5	**3.0**	0.21	0.35	*C43*
Other skin	967		24.2	**21.2**	0.96	2.47	733		17.5	**12.9**	0.71	1.39	*C44*
Mesothelioma	27	0.3	0.7	**0.6**	0.04	0.09	10	0.1	0.2	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	14	0.1	0.4	**0.3**	0.02	0.03	3	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	92	0.9	2.3	**2.1**	0.13	0.19	115	1.1	2.7	**2.3**	0.15	0.22	*C47+C49*
Breast	40	0.4	1.0	**0.9**	0.05	0.11	3721	34.3	88.8	**74.4**	5.17	8.47	*C50*
Vulva							69	0.6	1.6	**1.2**	0.06	0.15	*C51*
Vagina							24	0.2	0.6	**0.5**	0.02	0.06	*C52*
Cervix uteri							642	5.9	15.3	**14.0**	1.10	1.50	*C53*
Corpus uteri							428	3.9	10.2	**8.4**	0.57	1.07	*C54*
Uterus unspecified							124	1.1	3.0	**2.3**	0.14	0.23	*C55*
Ovary							448	4.1	10.7	**9.4**	0.66	1.08	*C56*
Other female genital organs							16	0.1	0.4	**0.3**	0.01	0.04	*C57*
Placenta							10	0.1	0.2	**0.2**	0.02	0.02	*C58*
Penis	58	0.6	1.5	**1.4**	0.08	0.17							*C60*
Prostate	2013	20.5	50.4	**42.5**	1.54	5.23							*C61*
Testis	282	2.9	7.1	**6.9**	0.52	0.53							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	390	4.0	9.8	**9.1**	0.56	1.13	230	2.1	5.5	**4.8**	0.30	0.55	*C64*
Renal pelvis	4	0.0	0.1	**0.1**	0.00	0.01	4	0.0	0.1	**0.1**	0.00	0.01	*C65*
Ureter	6	0.1	0.2	**0.1**	0.01	0.02	3	0.0	0.1	**0.1**	0.01	0.01	*C66*
Bladder	641	6.5	16.0	**14.2**	0.70	1.71	189	1.7	4.5	**3.3**	0.18	0.39	*C67*
Other urinary organs	11	0.1	0.3	**0.2**	0.01	0.02	3	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	11	0.1	0.3	**0.3**	0.02	0.03	12	0.1	0.3	**0.2**	0.01	0.02	*C69*
Brain, nervous system	203	2.1	5.1	**5.0**	0.32	0.47	189	1.7	4.5	**4.0**	0.27	0.41	*C70-72*
Thyroid	71	0.7	1.8	**1.7**	0.11	0.18	262	2.4	6.3	**5.8**	0.43	0.58	*C73*
Adrenal gland	9	0.1	0.2	**0.2**	0.02	0.03	9	0.1	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	14	0.1	0.4	**0.3**	0.02	0.02	8	0.1	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	93	0.9	2.3	**2.3**	0.15	0.21	69	0.6	1.6	**1.6**	0.11	0.14	*C81*
Non-Hodgkin lymphoma	343	3.5	8.6	**8.3**	0.51	0.94	312	2.9	7.4	**6.1**	0.41	0.64	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	8	0.1	0.2	**0.1**	0.00	0.02	*C88*
Multiple myeloma	96	1.0	2.4	**2.3**	0.15	0.31	100	0.9	2.4	**1.7**	0.09	0.22	*C90*
Lymphoid leukaemia	114	1.2	2.9	**2.9**	0.16	0.25	103	0.9	2.5	**2.2**	0.11	0.18	*C91*
Myeloid leukaemia	147	1.5	3.7	**3.4**	0.19	0.36	132	1.2	3.2	**2.7**	0.15	0.24	*C92-94*
Leukaemia unspecified	42	0.4	1.1	**0.8**	0.03	0.07	41	0.4	1.0	**0.6**	0.02	0.06	*C95*
Myeloproliferative disorders	68	0.7	1.7	**1.5**	0.08	0.18	63	0.6	1.5	**1.3**	0.09	0.15	*MPD*
Myelodysplastic syndromes	44	0.4	1.1	**1.0**	0.04	0.10	52	0.5	1.2	**0.9**	0.05	0.08	*MDS*
Other and unspecified	548	5.6	13.7	**12.1**	0.63	1.40	543	5.0	13.0	**9.2**	0.43	1.05	*O&U*
All sites	10802		270.4	**242.5**	12.56	28.44	11594		276.7	**223.8**	14.23	25.09	*C00-96*
All sites except C44	9835	100.0	246.2	**221.3**	11.61	25.97	10861	100.0	259.2	**210.9**	13.51	23.70	*C00-96 exc. C44*

Argentina, Tierra del Fuego

REGISTRATION AREA

The Cancer Registry of Tierra del Fuego Province covers the entire population of Tierra del Fuego Province, which has an area of 21 571 km^2. The climate is cold, with the median temperature ranging between 3 °C and 12 °C. At the 2001 census, the population was 100 000, with a density of 4.7 inhabitants/km^2 and 97% of residents living in urban areas. The province's main cities are Ushuaia (the capital) and Río Grande. The majority of the population is White; 56% of residents are immigrants from other Argentine provinces and 11% are foreigners. Almost all of the population is of the Catholic religion.

CANCER CARE FACILITIES

Diagnosis and treatment are mainly provided by two public hospitals, which are complemented by two private clinics. The services available include clinical oncology, haematology-oncology, tomography, mammography, magnetic resonance imaging, chemotherapy, and surgery. Radiotherapy services are not available. The proportion of the population not covered by social security is 30.1%. These individuals are typically covered by a social support system administered by the provincial government.

REGISTRY STRUCTURE AND METHODS

The registry was created by law (Ley Provincial No. 557/02), and its implementation began in 2003. It is a separate unit located in the Epidemiology Department of the Ministry of Health. Data collection is both passive and active, and 73% of cancer cases were reported by public health institutions. CanReg software is used for data entry and analysis. The staff consists of an oncologist, an epidemiologist, an administrator, and a full-time dedicated nurse who serves as the director of the registry.

USE OF THE DATA

The information is used by a variety of health professionals, including health decision-makers and students, and is also used as a basis for research. Cancer incidence data for the period from 2003 to 2007 were published in 2008 and can be found on the Ministry of Health's website.

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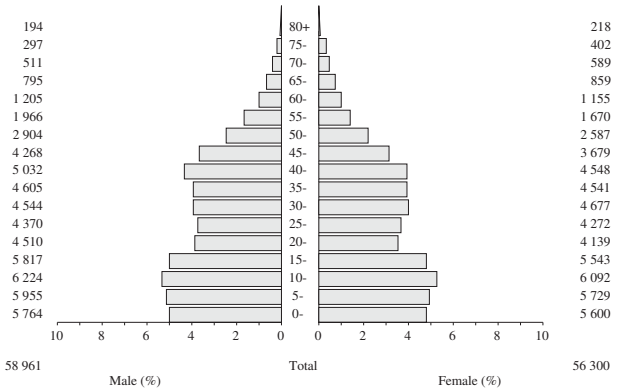
Argentina, Tierra del Fuego (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2001 census, making allowances for births and deaths. It was not possible to estimate migration effects.

NOTES ON THE DATA

*No official mortality data. Fluctuation in rates from year to year.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	36.2	Breast	54.1
Prostate	24.8	Non-melanoma skin cancer	17.5
Non-melanoma skin cancer	23.5	Cervix uteri	13.5
Other and unspecified	17.4	Colon	12.5
Colon	15.7	Kidney	10.4
Stomach	13.5	Thyroid	8.8
Kidney	13.4	Other and unspecified	8.7
Bladder	12.7	Trachea, bronchus and lung	8.1
Rectum	11.4	Ovary	8.0
Oesophagus	10.2	Gallbladder etc.	6.9
All sites	247.3	All sites	213.2

*Argentina, Tierra del Fuego (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.4	**0.7**	0.00	0.17	*C00*
Tongue	6	1.5	2.0	**2.9**	0.14	0.39	1	0.2	0.4	**0.3**	0.03	0.03	*C01-02*
Mouth	1	0.3	0.3	**0.7**	0.08	0.08	2	0.5	0.7	**0.8**	0.03	0.03	*C03-06*
Salivary glands	1	0.3	0.3	**0.7**	0.00	0.00	2	0.5	0.7	**0.7**	0.06	0.06	*C07-08*
Tonsil	1	0.3	0.3	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	2	0.5	0.7	**0.6**	0.05	0.05	1	0.2	0.4	**0.3**	0.02	0.02	*C11*
Hypopharynx	1	0.3	0.3	**0.7**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	16	4.1	5.4	**10.2**	0.52	1.17	2	0.5	0.7	**1.1**	0.04	0.16	*C15*
Stomach	25	6.3	8.5	**13.5**	0.58	1.22	10	2.4	3.6	**6.2**	0.29	0.92	*C16*
Small intestine	1	0.3	0.3	**0.7**	0.08	0.08	4	0.9	1.4	**2.5**	0.13	0.13	*C17*
Colon	32	8.1	10.9	**15.7**	1.01	2.08	24	5.6	8.5	**12.5**	0.55	1.41	*C18*
Rectum	18	4.6	6.1	**11.4**	0.40	1.37	6	1.4	2.1	**3.0**	0.21	0.32	*C19-20*
Anus	1	0.3	0.3	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C21*
Liver	11	2.8	3.7	**7.3**	0.25	1.02	2	0.5	0.7	**0.6**	0.05	0.05	*C22*
Gallbladder etc.	11	2.8	3.7	**6.6**	0.23	0.23	11	2.6	3.9	**6.9**	0.33	1.18	*C23-24*
Pancreas	14	3.5	4.7	**8.4**	0.39	1.10	8	1.9	2.8	**4.7**	0.18	0.58	*C25*
Nose, sinuses etc.	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	5	1.3	1.7	**2.8**	0.24	0.37	0	0.0	0.0	**0.0**	0.00	0.00	*C32*
Trachea, bronchus and lung	61	15.4	20.7	**36.2**	1.61	3.65	15	3.5	5.3	**8.1**	0.34	1.32	*C33-34*
Other thoracic organs	2	0.5	0.7	**0.9**	0.10	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	5	1.3	1.7	**1.5**	0.12	0.12	2	0.5	0.7	**0.7**	0.04	0.04	*C40-41*
Melanoma of skin	7	1.8	2.4	**3.0**	0.12	0.44	9	2.1	3.2	**4.9**	0.14	0.59	*C43*
Other skin	43		14.6	**23.5**	0.76	2.42	36		12.8	**17.5**	0.71	1.68	*C44*
Mesothelioma	1	0.3	0.3	**0.8**	0.00	0.13	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.3	0.3	**0.7**	0.08	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	2	0.5	0.7	**1.0**	0.02	0.15	3	0.7	1.1	**1.7**	0.06	0.06	*C47+C49*
Breast	0	0.0	0.0	**0.0**	0.00	0.00	134	31.5	47.6	**54.1**	3.79	5.79	*C50*
Vulva							5	1.2	1.8	**3.0**	0.04	0.44	*C51*
Vagina							1	0.2	0.4	**0.4**	0.02	0.02	*C52*
Cervix uteri							35	8.2	12.4	**13.5**	1.12	1.58	*C53*
Corpus uteri							14	3.3	5.0	**6.7**	0.35	0.64	*C54*
Uterus unspecified							5	1.2	1.8	**2.4**	0.09	0.32	*C55*
Ovary							16	3.8	5.7	**8.0**	0.44	0.79	*C56*
Other female genital organs							1	0.2	0.4	**0.4**	0.02	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	2	0.5	0.7	**1.2**	0.05	0.18							*C60*
Prostate	35	8.9	11.9	**24.8**	0.69	3.31							*C61*
Testis	17	4.3	5.8	**5.5**	0.35	0.47							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	24	6.1	8.1	**13.4**	0.65	1.67	20	4.7	7.1	**10.4**	0.37	1.51	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	19	4.8	6.4	**12.7**	0.27	1.48	7	1.6	2.5	**3.3**	0.11	0.28	*C67*
Other urinary organs	1	0.3	0.3	**0.7**	0.08	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	1	0.3	0.3	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	6	1.5	2.0	**2.4**	0.13	0.13	7	1.6	2.5	**3.5**	0.21	0.44	*C70-72*
Thyroid	1	0.3	0.3	**0.3**	0.02	0.02	27	6.4	9.6	**8.8**	0.71	0.82	*C73*
Adrenal gland	1	0.3	0.3	**0.4**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	4	1.0	1.4	**1.3**	0.08	0.08	5	1.2	1.8	**2.1**	0.15	0.32	*C81*
Non-Hodgkin lymphoma	10	2.5	3.4	**6.5**	0.27	0.92	13	3.1	4.6	**6.1**	0.45	0.73	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	7	1.8	2.4	**3.8**	0.27	0.40	9	2.1	3.2	**4.8**	0.18	0.58	*C90*
Lymphoid leukaemia	5	1.3	1.7	**2.2**	0.10	0.30	4	0.9	1.4	**2.4**	0.16	0.16	*C91*
Myeloid leukaemia	4	1.0	1.4	**1.3**	0.08	0.08	3	0.7	1.1	**1.5**	0.04	0.04	*C92-94*
Leukaemia unspecified	5	1.3	1.7	**2.0**	0.16	0.16	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	1	0.3	0.3	**0.8**	0.00	0.13	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	1	0.3	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	26	6.6	8.8	**17.4**	0.68	2.22	16	3.8	5.7	**8.7**	0.24	1.32	*O&U*
All sites	438		148.6	**247.3**	10.82	28.02	461		163.8	**213.2**	11.65	24.54	*C00-96*
All sites except C44	395	100.0	134.0	**223.9**	10.06	25.59	425	100.0	151.0	**195.7**	10.94	22.86	*C00-96 exc. C44*

*See note following population pyramid

Brazil, Aracaju

REGISTRATION AREA

The Cancer Registry of Aracaju covers the urban area of the city of Aracaju, in the north-eastern region of Brazil. Aracaju has an area of 181 856 km^2 and a population of 499 000. The annual growth rate is 2.0%. The city of Aracaju is 4 m above sea level. Its climate is warm and humid, with an average annual temperature of 26.0 °C.

CANCER CARE FACILITIES

The city of Aracaju has a network of 29 public and private hospitals, with a total of 2229 beds (4.47 per 1000 inhabitants). Aracaju has two universities and two medical schools. Other cancer diagnostic and treatment facilities include two radiation therapy clinics, seven chemotherapy clinics, several ultrasound and radiology clinics, and six clinical pathology laboratories.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1998 and is located in the state of Sergipe. It has permanent funding. The staff includes a medical coordinator and four registrars. The advisory committee includes a pathologist and three oncologists. Data are actively collected from sources that include a university hospital, two general hospitals, six anatomical pathology laboratories, an oncology clinic, two chemotherapy clinics, and four general health systems (APAC, Siscolo, Sismama, and SIM). Information about deaths is retrieved from the Mortality Information System of the Ministry of Health.

USE OF THE DATA

The data are used for a variety of purposes, including to estimate incidence and geographical distribution of cancer cases, to study temporal trends, for survival assessments, to evaluate screening programmes, to carry out geographical referral of cancer cases through a spatial assessment of cancer cases in Aracaju, for epidemiological studies, and for teaching purposes.

CONTRIBUTORS

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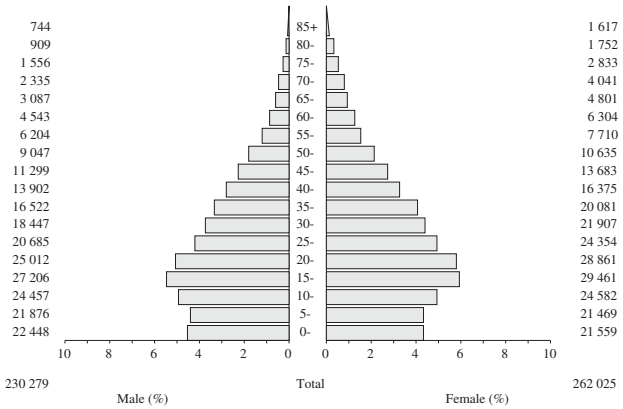
Brazil, Aracaju (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 census carried out by the Brazilian Institute of Geography and Statistics; Ministry of Planning, Budget, and Management (http://www.ibge.gov.br), allowing for births, deaths, and migration into and out of the registration area.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	143.0	Non-melanoma skin cancer	108.0
Non-melanoma skin cancer	136.4	Breast	59.7
Trachea, bronchus and lung	26.0	Cervix uteri	25.5
Stomach	14.6	Thyroid	18.6
Bladder	11.3	Trachea, bronchus and lung	9.8
Larynx	10.7	Corpus uteri	8.8
Colon	9.4	Ovary	8.5
Non-Hodgkin lymphoma	9.1	Other and unspecified	8.3
Other and unspecified	7.7	Colon	7.9
Kidney	6.8	Stomach	7.2
All sites	462.6	All sites	329.6

Brazil, Aracaju (2003-2006)

	Male						Female						
SITE	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	15	0.8	1.6	**2.5**	0.15	0.28	11	0.5	1.0	**1.4**	0.08	0.16	*C00*
Tongue	29	1.5	3.1	**4.8**	0.31	0.58	9	0.4	0.9	**0.8**	0.03	0.06	*C01-02*
Mouth	33	1.8	3.6	**5.7**	0.43	0.70	6	0.3	0.6	**0.7**	0.03	0.09	*C03-06*
Salivary glands	10	0.5	1.1	**1.9**	0.11	0.28	9	0.4	0.9	**1.0**	0.09	0.12	*C07-08*
Tonsil	4	0.2	0.4	**0.7**	0.07	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	13	0.7	1.4	**2.4**	0.25	0.29	4	0.2	0.4	**0.3**	0.02	0.02	*C10*
Nasopharynx	7	0.4	0.8	**0.8**	0.07	0.07	2	0.1	0.2	**0.2**	0.02	0.02	*C11*
Hypopharynx	9	0.5	1.0	**1.4**	0.17	0.17	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	6	0.3	0.7	**1.0**	0.08	0.13	1	0.0	0.1	**0.1**	0.00	0.00	*C14*
Oesophagus	21	1.1	2.3	**3.7**	0.22	0.39	12	0.6	1.1	**1.3**	0.07	0.13	*C15*
Stomach	81	4.3	8.8	**14.6**	0.74	1.70	61	3.0	5.8	**7.2**	0.43	0.93	*C16*
Small intestine	15	0.8	1.6	**2.6**	0.19	0.28	9	0.4	0.9	**1.0**	0.06	0.15	*C17*
Colon	54	2.9	5.9	**9.4**	0.48	1.06	73	3.6	7.0	**7.9**	0.43	0.84	*C18*
Rectum	30	1.6	3.3	**5.3**	0.27	0.75	55	2.7	5.2	**6.2**	0.36	0.72	*C19-20*
Anus	9	0.5	1.0	**1.4**	0.07	0.13	11	0.5	1.0	**1.2**	0.07	0.09	*C21*
Liver	40	2.1	4.3	**6.7**	0.27	0.80	38	1.9	3.6	**4.0**	0.15	0.41	*C22*
Gallbladder etc.	18	1.0	2.0	**3.3**	0.12	0.45	54	2.7	5.2	**6.3**	0.28	0.83	*C23-24*
Pancreas	18	1.0	2.0	**3.3**	0.23	0.36	49	2.4	4.7	**5.5**	0.30	0.60	*C25*
Nose, sinuses etc.	4	0.2	0.4	**0.5**	0.04	0.04	1	0.0	0.1	**0.1**	0.00	0.03	*C30-31*
Larynx	58	3.1	6.3	**10.7**	0.57	1.45	10	0.5	1.0	**1.2**	0.10	0.16	*C32*
Trachea, bronchus and lung	145	7.7	15.7	**26.0**	1.31	3.29	83	4.1	7.9	**9.8**	0.53	1.15	*C33-34*
Other thoracic organs	2	0.1	0.2	**0.2**	0.02	0.02	2	0.1	0.2	**0.2**	0.01	0.01	*C37-38*
Bone	9	0.5	1.0	**1.2**	0.12	0.12	10	0.5	1.0	**0.9**	0.06	0.09	*C40-41*
Melanoma of skin	28	1.5	3.0	**4.3**	0.23	0.48	33	1.6	3.1	**3.8**	0.29	0.40	*C43*
Other skin	813		88.3	**136.4**	7.02	15.84	960		91.6	**108.0**	6.21	12.09	*C44*
Mesothelioma	1	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	7	0.4	0.8	**1.0**	0.08	0.08	1	0.0	0.1	**0.2**	0.02	0.02	*C46*
Connective and soft tissue	18	1.0	2.0	**2.3**	0.13	0.22	16	0.8	1.5	**1.8**	0.15	0.20	*C47+C49*
Breast	2	0.1	0.2	**0.2**	0.03	0.03	532	26.5	50.8	**59.7**	4.30	6.72	*C50*
Vulva							10	0.5	1.0	**1.0**	0.05	0.07	*C51*
Vagina							6	0.3	0.6	**0.9**	0.05	0.13	*C52*
Cervix uteri							233	11.6	22.2	**25.5**	1.81	2.87	*C53*
Corpus uteri							72	3.6	6.9	**8.8**	0.54	1.16	*C54*
Uterus unspecified							8	0.4	0.8	**1.0**	0.05	0.17	*C55*
Ovary							76	3.8	7.3	**8.5**	0.53	0.93	*C56*
Other female genital organs							2	0.1	0.2	**0.2**	0.00	0.03	*C57*
Placenta							1	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	17	0.9	1.8	**2.5**	0.14	0.24							*C60*
Prostate	759	40.4	82.4	**143.0**	4.92	17.56							*C61*
Testis	5	0.3	0.5	**0.4**	0.03	0.03							*C62*
Other male genital organs	1	0.1	0.1	**0.2**	0.02	0.02							*C63*
Kidney	41	2.2	4.5	**6.8**	0.32	0.80	29	1.4	2.8	**3.1**	0.17	0.36	*C64*
Renal pelvis	4	0.2	0.4	**0.6**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C66*
Bladder	64	3.4	6.9	**11.3**	0.39	1.19	30	1.5	2.9	**3.1**	0.09	0.32	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.2**	0.00	0.03	*C68*
Eye	11	0.6	1.2	**1.8**	0.10	0.25	4	0.2	0.4	**0.4**	0.02	0.05	*C69*
Brain, nervous system	42	2.2	4.6	**6.0**	0.37	0.60	38	1.9	3.6	**3.8**	0.24	0.33	*C70-72*
Thyroid	40	2.1	4.3	**5.2**	0.41	0.57	191	9.5	18.2	**18.6**	1.51	1.78	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	4	0.2	0.4	**0.4**	0.02	0.05	*C74*
Other endocrine	2	0.1	0.2	**0.3**	0.01	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	21	1.1	2.3	**2.2**	0.13	0.19	14	0.7	1.3	**1.1**	0.07	0.10	*C81*
Non-Hodgkin lymphoma	61	3.2	6.6	**9.1**	0.54	1.01	48	2.4	4.6	**5.2**	0.34	0.56	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	18	1.0	2.0	**3.1**	0.21	0.35	28	1.4	2.7	**3.7**	0.25	0.46	*C90*
Lymphoid leukaemia	24	1.3	2.6	**3.5**	0.19	0.32	13	0.6	1.2	**1.6**	0.09	0.15	*C91*
Myeloid leukaemia	25	1.3	2.7	**3.8**	0.22	0.34	23	1.1	2.2	**2.3**	0.16	0.22	*C92-94*
Leukaemia unspecified	2	0.1	0.2	**0.2**	0.01	0.01	2	0.1	0.2	**0.3**	0.04	0.04	*C95*
Myeloproliferative disorders	3	0.2	0.3	**0.5**	0.02	0.06	4	0.2	0.4	**0.5**	0.02	0.07	*MPD*
Myelodysplastic syndromes	1	0.1	0.1	**0.2**	0.02	0.02	1	0.0	0.1	**0.1**	0.00	0.00	*MDS*
Other and unspecified	51	2.7	5.5	**7.7**	0.48	0.77	73	3.6	7.0	**8.3**	0.46	0.92	*O&U*
All sites	2691		292.1	**462.6**	22.33	54.46	2964		282.8	**329.6**	20.63	36.89	*C00-96*
All sites except C44	1878	100.0	203.9	**326.3**	15.31	38.63	2004	100.0	191.2	**221.6**	14.41	24.80	*C00-96 exc. C44*
	§Includes 11 cases of unknown age						§Includes 8 cases of unknown age						

Brazil, Belo Horizonte

REGISTRATION AREA

The Population-based Cancer Registry of Belo Horizonte covers the city of Belo Horizonte, in the south-eastern region of Brazil. Belo Horizonte has an area of 331 400 km^2 and a population of 2.4 million (all living in urban areas). Between the 2000 and 2010 censuses, the annual growth rate was 0.6%. The city of Belo Horizonte is 852 m above sea level. Its climate is tropical, with warm summers and an average annual temperature of 21.1 °C.

CANCER CARE FACILITIES

The city of Belo Horizonte has a network of 75 modern public and private hospitals, with a total of 9983 beds (4.07 per 1000 inhabitants). Other cancer diagnostic and treatment facilities include 23 radiation or chemotherapy services, 37 haematological services, and 121 cytopathology or pathology services. Belo Horizonte has 85 universities, five of which offer degrees in medicine.

REGISTRY STRUCTURE AND METHODS

The registry was created in 2001. It is located in the Health Surveillance Secretariat of the State Secretariat of Health of Minas Gerais, within the Program for Evaluation and Monitoring of Cancer and its Risk Factors of Minas Gerais. The registry has permanent funding, and data are collected actively. The registry staff includes an epidemiologist coordinator, two statisticians, a field supervising nurse, nine collection registrars, a coding registrar, and a field supervisor of the hospital-based cancer registries. The advisory committee includes an epidemiologist, two statisticians, and an oncologist. Data are actively collected from 43 sources, which include a specialized hospital, a university hospital, 16 general hospitals, and 23 pathology laboratories. Information about deaths is retrieved from the Mortality Information System of the Ministry of Health.

USE OF THE DATA

The data are used for a variety of purposes, including to estimate incidence and geographical distribution of cancer cases, to study temporal trends, for survival assessments, to evaluate screening programmes, to carry out geographical referral of cancer cases through a spatial assessment of cancer cases, for epidemiological studies, and for teaching purposes.

CONTRIBUTORS

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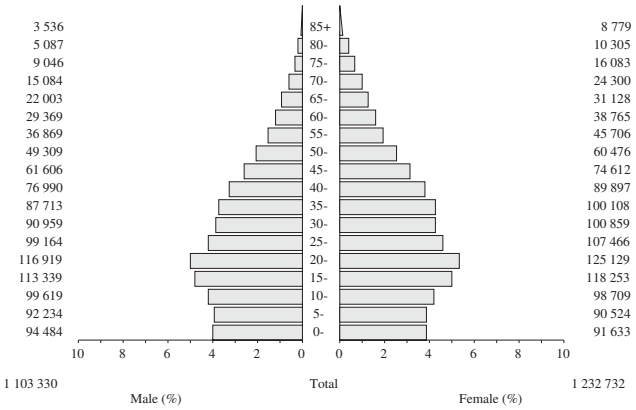
Brazil, Belo Horizonte (2003-2005)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 census carried out by the Brazilian Institute of Geography and Statistics; Ministry of Planning, Budget, and Management (http://www.ibge.gov.br), allowing for births, deaths, and migration into and out of the registration area.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	135.2	Breast	66.8
Non-melanoma skin cancer	60.2	Non-melanoma skin cancer	40.9
Trachea, bronchus and lung	22.0	Cervix uteri	16.1
Stomach	18.8	Colon	11.9
Other and unspecified	13.4	Other and unspecified	9.8
Colon	13.4	Stomach	8.5
Bladder	10.8	Thyroid	7.8
Larynx	9.7	Trachea, bronchus and lung	7.6
Oesophagus	9.5	Rectum	7.4
Rectum	8.7	Ovary	7.4
All sites	382.7	All sites	248.7

Brazil, Belo Horizonte (2003-2005)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	6	0.1	0.2	**0.2**	0.01	0.01	5	0.1	0.1	**0.1**	0.00	0.01	*C00*
Tongue	114	1.4	3.4	**4.2**	0.27	0.47	39	0.5	1.1	**1.0**	0.06	0.11	*C01-02*
Mouth	122	1.5	3.7	**4.6**	0.31	0.57	52	0.7	1.4	**1.4**	0.08	0.16	*C03-06*
Salivary glands	28	0.3	0.8	**1.1**	0.07	0.11	23	0.3	0.6	**0.6**	0.04	0.05	*C07-08*
Tonsil	32	0.4	1.0	**1.1**	0.10	0.13	6	0.1	0.2	**0.1**	0.00	0.02	*C09*
Other oropharynx	48	0.6	1.5	**1.7**	0.13	0.19	12	0.2	0.3	**0.3**	0.02	0.03	*C10*
Nasopharynx	27	0.3	0.8	**1.0**	0.07	0.10	13	0.2	0.4	**0.3**	0.02	0.04	*C11*
Hypopharynx	50	0.6	1.5	**1.9**	0.11	0.24	4	0.1	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	53	0.6	1.6	**2.0**	0.15	0.23	16	0.2	0.4	**0.4**	0.03	0.06	*C14*
Oesophagus	251	3.0	7.6	**9.5**	0.59	1.16	101	1.3	2.7	**2.5**	0.13	0.25	*C15*
Stomach	486	5.9	14.7	**18.8**	0.95	2.17	338	4.2	9.1	**8.5**	0.38	0.95	*C16*
Small intestine	25	0.3	0.8	**1.0**	0.05	0.10	15	0.2	0.4	**0.4**	0.03	0.04	*C17*
Colon	342	4.1	10.3	**13.4**	0.60	1.58	471	5.9	12.7	**11.9**	0.60	1.26	*C18*
Rectum	227	2.7	6.9	**8.7**	0.46	1.08	284	3.6	7.7	**7.4**	0.41	0.87	*C19-20*
Anus	25	0.3	0.8	**0.9**	0.04	0.10	53	0.7	1.4	**1.4**	0.08	0.15	*C21*
Liver	156	1.9	4.7	**5.9**	0.36	0.70	102	1.3	2.8	**2.6**	0.11	0.28	*C22*
Gallbladder etc.	55	0.7	1.7	**2.2**	0.06	0.24	149	1.9	4.0	**3.8**	0.17	0.44	*C23-24*
Pancreas	155	1.9	4.7	**6.1**	0.23	0.69	164	2.1	4.4	**4.1**	0.13	0.45	*C25*
Nose, sinuses etc.	19	0.2	0.6	**0.7**	0.05	0.06	13	0.2	0.4	**0.3**	0.01	0.03	*C30-31*
Larynx	246	3.0	7.4	**9.7**	0.59	1.23	37	0.5	1.0	**1.0**	0.05	0.12	*C32*
Trachea, bronchus and lung	557	6.7	16.8	**22.0**	1.01	2.66	293	3.7	7.9	**7.6**	0.45	0.88	*C33-34*
Other thoracic organs	22	0.3	0.7	**0.8**	0.03	0.10	13	0.2	0.4	**0.3**	0.03	0.03	*C37-38*
Bone	37	0.4	1.1	**1.2**	0.08	0.12	39	0.5	1.1	**1.0**	0.06	0.08	*C40-41*
Melanoma of skin	94	1.1	2.8	**3.3**	0.18	0.33	114	1.4	3.1	**2.8**	0.16	0.28	*C43*
Other skin	1558		47.1	**60.2**	2.48	6.45	1636		44.2	**40.9**	1.88	4.32	*C44*
Mesothelioma	3	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	15	0.2	0.5	**0.4**	0.03	0.03	3	0.0	0.1	**0.1**	0.00	0.02	*C46*
Connective and soft tissue	50	0.6	1.5	**1.6**	0.11	0.17	61	0.8	1.6	**1.6**	0.09	0.18	*C47+C49*
Breast	9	0.1	0.3	**0.4**	0.01	0.04	2544	31.9	68.8	**66.8**	4.73	7.32	*C50*
Vulva							33	0.4	0.9	**0.8**	0.04	0.10	*C51*
Vagina							24	0.3	0.6	**0.6**	0.02	0.07	*C52*
Cervix uteri							609	7.6	16.5	**16.1**	1.16	1.82	*C53*
Corpus uteri							255	3.2	6.9	**7.0**	0.41	0.90	*C54*
Uterus unspecified							33	0.4	0.9	**0.9**	0.06	0.10	*C55*
Ovary							276	3.5	7.5	**7.4**	0.51	0.87	*C56*
Other female genital organs							21	0.3	0.6	**0.6**	0.02	0.07	*C57*
Placenta							6	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	24	0.3	0.7	**0.9**	0.05	0.11							*C60*
Prostate	3289	39.8	99.4	**135.2**	5.33	17.24							*C61*
Testis	63	0.8	1.9	**1.7**	0.12	0.12							*C62*
Other male genital organs	4	0.0	0.1	**0.2**	0.02	0.03							*C63*
Kidney	147	1.8	4.4	**5.6**	0.34	0.63	124	1.6	3.4	**3.3**	0.21	0.35	*C64*
Renal pelvis	6	0.1	0.2	**0.2**	0.01	0.03	5	0.1	0.1	**0.1**	0.00	0.00	*C65*
Ureter	4	0.0	0.1	**0.2**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C66*
Bladder	273	3.3	8.2	**10.8**	0.44	1.27	115	1.4	3.1	**2.8**	0.10	0.30	*C67*
Other urinary organs	6	0.1	0.2	**0.3**	0.00	0.04	8	0.1	0.2	**0.2**	0.01	0.02	*C68*
Eye	13	0.2	0.4	**0.5**	0.04	0.05	16	0.2	0.4	**0.4**	0.03	0.04	*C69*
Brain, nervous system	174	2.1	5.3	**5.7**	0.37	0.53	173	2.2	4.7	**4.6**	0.27	0.50	*C70-72*
Thyroid	69	0.8	2.1	**2.3**	0.13	0.26	307	3.8	8.3	**7.8**	0.63	0.79	*C73*
Adrenal gland	17	0.2	0.5	**0.7**	0.03	0.05	14	0.2	0.4	**0.5**	0.02	0.04	*C74*
Other endocrine	5	0.1	0.2	**0.2**	0.02	0.03	6	0.1	0.2	**0.1**	0.01	0.02	*C75*
Hodgkin lymphoma	61	0.7	1.8	**1.9**	0.11	0.15	73	0.9	2.0	**1.8**	0.11	0.14	*C81*
Non-Hodgkin lymphoma	234	2.8	7.1	**8.4**	0.54	0.90	230	2.9	6.2	**5.9**	0.36	0.63	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.0	**0.0**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	84	1.0	2.5	**3.3**	0.16	0.40	100	1.3	2.7	**2.6**	0.13	0.34	*C90*
Lymphoid leukaemia	77	0.9	2.3	**2.8**	0.11	0.22	76	1.0	2.1	**2.2**	0.11	0.18	*C91*
Myeloid leukaemia	81	1.0	2.4	**3.0**	0.17	0.34	100	1.3	2.7	**2.6**	0.17	0.26	*C92-94*
Leukaemia unspecified	17	0.2	0.5	**0.6**	0.02	0.06	18	0.2	0.5	**0.5**	0.02	0.04	*C95*
Myeloproliferative disorders	7	0.1	0.2	**0.3**	0.00	0.04	4	0.1	0.1	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	1	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.1	**0.1**	0.00	0.01	*MDS*
Other and unspecified	346	4.2	10.5	**13.4**	0.57	1.58	386	4.8	10.4	**9.8**	0.46	1.09	*O&U*
All sites	9815		296.5	**382.7**	17.73	45.14	9620		260.1	**248.7**	14.66	27.14	*C00-96*
All sites except C44	8257	100.0	249.5	**322.5**	15.25	38.69	7984	100.0	215.9	**207.7**	12.78	22.82	*C00-96 exc. C44*

§Includes 20 cases of unknown age

§Includes 20 cases of unknown age

Brazil, Cuiabá

REGISTRATION AREA

The Population-based Cancer Registry of Cuiabá covers the cities of Cuiabá and Várzea Grande, in the mid-west region of Brazil. Cuiabá and Várzea Grande have a total area of 4482 km^2 and a combined population of 783 000 (98% living in urban areas). The annual growth rate is 2%. Cuiabá and Várzea Grande are 177 m and 191 m above sea level, respectively. The area's climate is continental tropical, with warm summers and an average annual temperature of 33 °C.

CANCER CARE FACILITIES

The area has a health care network of four public and five private hospitals, with 1477 public beds (1.87 per 1000 inhabitants). There are seven universities and two medical schools. Other cancer diagnostic and treatment facilities include three radiation therapy clinics, seven chemotherapy clinics, 15 ultrasound clinics, 10 clinical pathology laboratories, and 18 radiology clinics.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1999. It is located in the State Health Secretariat of Mato Grosso and has permanent funding. The registry has a coordinator and two registrars. The advisory committee includes an epidemiologist, a statistician, a pathologist, and an oncologist. Data are actively collected from sources including a specialized hospital, two university hospitals, a general hospital, 10 anatomical pathology laboratories, a haematology clinic, two oncology clinics, three radiation therapy clinics, and seven chemotherapy clinics. Information about deaths is retrieved from the Mortality Information System of the Ministry of Health.

USE OF THE DATA

The data are used to determine cancer incidence and geographical distribution of cancer in the area, to study temporal trends, for survival studies, to evaluate screening programmes, for teaching purposes, and for various epidemiological studies. The information has also been published in scientific papers.

CONTRIBUTORS

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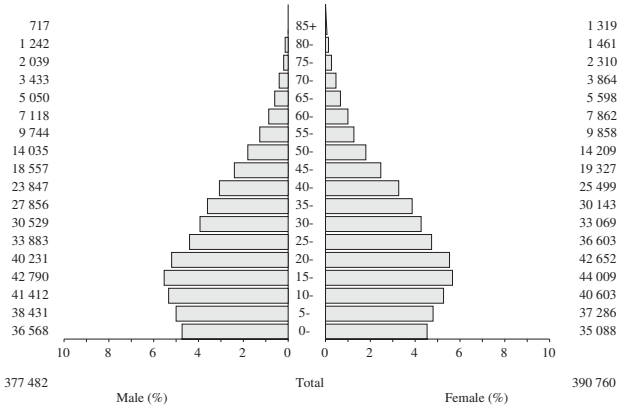
Brazil, Cuiabá (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 census carried out by the Brazilian Institute of Geography and Statistics; Ministry of Planning, Budget, and Management (http://www.ibge.gov.br), allowing for births, deaths, and migration into and out of the registration area.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	110.1	Non-melanoma skin cancer	85.4
Non-melanoma skin cancer	78.4	Breast	51.8
Trachea, bronchus and lung	23.6	Cervix uteri	36.5
Stomach	20.8	Other and unspecified	12.0
Other and unspecified	12.2	Trachea, bronchus and lung	10.1
Colon	10.5	Stomach	9.5
Larynx	9.7	Colon	7.4
Oesophagus	8.9	Rectum	7.1
Bladder	7.9	Ovary	6.6
Rectum	6.5	Brain, nervous system	6.3
All sites	360.1	All sites	292.1

Brazil, Cuiabá (2003-2006)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	5	0.2	0.3	**0.4**	0.05	0.05	5	0.2	0.3	**0.5**	0.03	0.03	*C00*
Tongue	38	1.6	2.5	**4.2**	0.32	0.53	16	0.7	1.0	**1.5**	0.09	0.14	*C01-02*
Mouth	62	2.6	4.1	**6.5**	0.46	0.71	18	0.8	1.2	**1.8**	0.09	0.23	*C03-06*
Salivary glands	3	0.1	0.2	**0.3**	0.01	0.01	4	0.2	0.3	**0.3**	0.01	0.03	*C07-08*
Tonsil	11	0.5	0.7	**0.9**	0.06	0.12	2	0.1	0.1	**0.2**	0.02	0.02	*C09*
Other oropharynx	20	0.8	1.3	**2.3**	0.14	0.30	2	0.1	0.1	**0.2**	0.02	0.02	*C10*
Nasopharynx	5	0.2	0.3	**0.5**	0.02	0.05	2	0.1	0.1	**0.2**	0.02	0.02	*C11*
Hypopharynx	10	0.4	0.7	**1.3**	0.10	0.16	2	0.1	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	9	0.4	0.6	**1.1**	0.06	0.13	2	0.1	0.1	**0.1**	0.00	0.00	*C14*
Oesophagus	76	3.1	5.0	**8.9**	0.45	1.18	23	1.0	1.5	**2.4**	0.10	0.32	*C15*
Stomach	176	7.3	11.7	**20.8**	0.94	2.68	98	4.3	6.3	**9.5**	0.61	1.14	*C16*
Small intestine	5	0.2	0.3	**0.7**	0.01	0.05	9	0.4	0.6	**0.8**	0.05	0.09	*C17*
Colon	94	3.9	6.2	**10.5**	0.64	1.37	74	3.2	4.7	**7.4**	0.49	0.82	*C18*
Rectum	61	2.5	4.0	**6.5**	0.34	0.78	74	3.2	4.7	**7.1**	0.47	0.86	*C19-20*
Anus	10	0.4	0.7	**0.8**	0.06	0.06	13	0.6	0.8	**1.2**	0.08	0.14	*C21*
Liver	27	1.1	1.8	**3.0**	0.20	0.41	20	0.9	1.3	**2.0**	0.12	0.20	*C22*
Gallbladder etc.	13	0.5	0.9	**1.8**	0.03	0.30	18	0.8	1.2	**2.0**	0.06	0.33	*C23-24*
Pancreas	29	1.2	1.9	**3.3**	0.19	0.48	41	1.8	2.6	**4.4**	0.15	0.53	*C25*
Nose, sinuses etc.	8	0.3	0.5	**0.8**	0.04	0.07	7	0.3	0.4	**0.7**	0.04	0.12	*C30-31*
Larynx	87	3.6	5.8	**9.7**	0.67	1.10	16	0.7	1.0	**1.3**	0.11	0.14	*C32*
Trachea, bronchus and lung	197	8.1	13.0	**23.6**	1.26	2.80	95	4.2	6.1	**10.1**	0.55	1.23	*C33-34*
Other thoracic organs	18	0.7	1.2	**2.0**	0.08	0.15	9	0.4	0.6	**0.8**	0.05	0.08	*C37-38*
Bone	27	1.1	1.8	**2.4**	0.12	0.31	13	0.6	0.8	**0.9**	0.05	0.05	*C40-41*
Melanoma of skin	26	1.1	1.7	**2.6**	0.19	0.27	32	1.4	2.0	**2.6**	0.16	0.26	*C43*
Other skin	690		45.7	**78.4**	3.88	8.82	844		54.0	**85.4**	4.15	9.15	*C44*
Mesothelioma	1	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	9	0.4	0.6	**0.7**	0.05	0.05	2	0.1	0.1	**0.2**	0.00	0.04	*C46*
Connective and soft tissue	27	1.1	1.8	**2.2**	0.17	0.17	18	0.8	1.2	**1.5**	0.09	0.13	*C47+C49*
Breast	7	0.3	0.5	**0.8**	0.06	0.09	590	25.8	37.7	**51.8**	4.01	5.58	*C50*
Vulva							12	0.5	0.8	**1.0**	0.03	0.10	*C51*
Vagina							7	0.3	0.4	**0.6**	0.04	0.10	*C52*
Cervix uteri							432	18.9	27.6	**36.5**	2.62	4.05	*C53*
Corpus uteri							45	2.0	2.9	**4.8**	0.23	0.61	*C54*
Uterus unspecified							20	0.9	1.3	**2.0**	0.13	0.28	*C55*
Ovary							72	3.2	4.6	**6.6**	0.49	0.80	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	20	0.8	1.3	**2.1**	0.18	0.23							*C60*
Prostate	831	34.3	55.0	**110.1**	3.58	12.79							*C61*
Testis	21	0.9	1.4	**1.7**	0.12	0.19							*C62*
Other male genital organs	3	0.1	0.2	**0.4**	0.03	0.03							*C63*
Kidney	28	1.2	1.9	**3.1**	0.24	0.35	22	1.0	1.4	**2.0**	0.09	0.18	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.02	0.02	*C66*
Bladder	66	2.7	4.4	**7.9**	0.25	0.89	20	0.9	1.3	**2.3**	0.08	0.29	*C67*
Other urinary organs	2	0.1	0.1	**0.2**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	4	0.2	0.3	**0.5**	0.03	0.06	6	0.3	0.4	**0.6**	0.04	0.07	*C69*
Brain, nervous system	61	2.5	4.0	**5.9**	0.30	0.57	75	3.3	4.8	**6.3**	0.38	0.57	*C70-72*
Thyroid	13	0.5	0.9	**1.1**	0.08	0.08	60	2.6	3.8	**4.5**	0.32	0.45	*C73*
Adrenal gland	3	0.1	0.2	**0.2**	0.01	0.01	4	0.2	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	5	0.2	0.3	**0.5**	0.04	0.04	3	0.1	0.2	**0.3**	0.01	0.03	*C75*
Hodgkin lymphoma	18	0.7	1.2	**1.3**	0.09	0.12	15	0.7	1.0	**1.3**	0.07	0.15	*C81*
Non-Hodgkin lymphoma	72	3.0	4.8	**6.4**	0.37	0.60	63	2.8	4.0	**5.2**	0.36	0.53	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	26	1.1	1.7	**2.9**	0.13	0.41	30	1.3	1.9	**3.6**	0.11	0.57	*C90*
Lymphoid leukaemia	37	1.5	2.5	**3.4**	0.14	0.27	42	1.8	2.7	**3.1**	0.17	0.19	*C91*
Myeloid leukaemia	24	1.0	1.6	**1.9**	0.09	0.20	19	0.8	1.2	**1.6**	0.09	0.19	*C92-94*
Leukaemia unspecified	13	0.5	0.9	**1.3**	0.07	0.14	4	0.2	0.3	**0.3**	0.03	0.03	*C95*
Myeloproliferative disorders	1	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.00	0.03	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	113	4.7	7.5	**12.2**	0.83	1.45	123	5.4	7.9	**12.0**	0.68	1.37	*O&U*
All sites	3112		206.1	**360.1**	17.25	41.61	3127		200.1	**292.1**	17.67	32.32	*C00-96*
All sites except C44	2422	100.0	160.4	**281.7**	13.36	32.78	2283	100.0	146.1	**206.9**	13.50	23.18	*C00-96 exc. C44*

§Includes 77 cases of unknown age

§Includes 53 cases of unknown age

Brazil, Fortaleza

REGISTRATION AREA

The Population-based Cancer Registry (PBCR) of Fortaleza covers the city of Fortaleza, in the north-eastern region of Brazil. Fortaleza has an area of 313 km^2 and a population of 2.5 million (100% living in urban areas). The annual growth rate is 2.6%. Fortaleza is at sea level and its climate is equatorial, with an average annual temperature of 27 °C.

CANCER CARE FACILITIES

The city of Fortaleza has a network of 60 public and private hospitals, with a total of 7177 beds (3.13 per 1000 inhabitants). Fortaleza has three universities and four medical schools. Other cancer diagnostic and treatment facilities include two radiation therapy clinics and eight chemotherapy clinics.

REGISTRY STRUCTURE AND METHODS

The PBCR of Fortaleza was established in 1973 and is located in the State Health Secretariat. The registry has permanent funding, and data are collected actively. The registry staff includes a medical coordinator and four registrars. Data are collected from 44 sources: a specialized hospital, a university hospital, 22 general hospitals, eight anatomical pathology laboratories, two haematology clinics, two radiation therapy clinics, and eight chemotherapy clinics. Information about deaths is retrieved from the Mortality Information System of the Ministry of Health.

USE OF THE DATA

The data are used for a variety of purposes, including to estimate incidence and geographical distribution of cancer cases, to study temporal trends, for survival assessments, for epidemiological studies, and for teaching purposes.

CONTRIBUTORS

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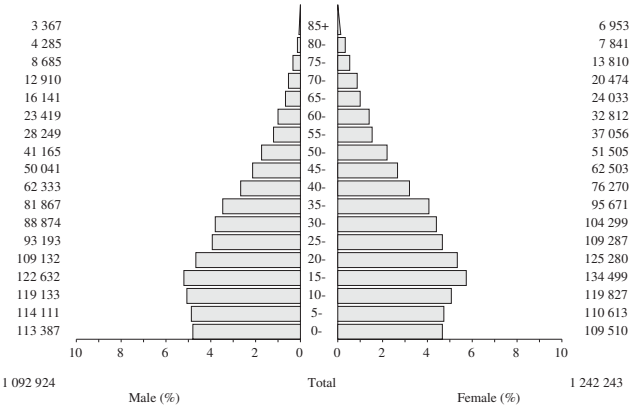
Brazil, Fortaleza (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 census carried out by the Brazilian Institute of Geography and Statistics; Ministry of Planning, Budget, and Management (http://www.ibge.gov.br), allowing for births, deaths, and migration into and out of the registration area.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	56.9	Breast	52.0
Non-melanoma skin cancer	39.0	Non-melanoma skin cancer	23.9
Trachea, bronchus and lung	22.7	Cervix uteri	21.7
Stomach	17.6	Trachea, bronchus and lung	11.6
Other and unspecified	12.9	Other and unspecified	10.7
Larynx	9.2	Thyroid	8.7
Oesophagus	6.7	Stomach	8.0
Colon	6.7	Ovary	7.9
Non-Hodgkin lymphoma	5.7	Colon	5.9
Rectum	5.4	Corpus uteri	4.6
All sites	239.0	All sites	199.0

Brazil, Fortaleza (2003-2006)

	Male						Female						
SITE	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	9	0.2	0.2	**0.3**	0.01	0.03	4	0.1	0.1	**0.1**	0.00	0.02	*C00*
Tongue	118	2.0	2.7	**4.1**	0.33	0.48	38	0.5	0.8	**0.9**	0.04	0.09	*C01-02*
Mouth	138	2.4	3.2	**4.7**	0.33	0.53	76	1.0	1.5	**1.7**	0.06	0.19	*C03-06*
Salivary glands	31	0.5	0.7	**1.1**	0.05	0.11	25	0.3	0.5	**0.5**	0.02	0.05	*C07-08*
Tonsil	25	0.4	0.6	**0.9**	0.08	0.11	7	0.1	0.1	**0.2**	0.00	0.03	*C09*
Other oropharynx	41	0.7	0.9	**1.4**	0.10	0.16	14	0.2	0.3	**0.3**	0.02	0.04	*C10*
Nasopharynx	21	0.4	0.5	**0.6**	0.04	0.06	13	0.2	0.3	**0.3**	0.02	0.02	*C11*
Hypopharynx	58	1.0	1.3	**2.1**	0.15	0.27	7	0.1	0.1	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	15	0.3	0.3	**0.5**	0.04	0.06	4	0.1	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	184	3.2	4.2	**6.7**	0.38	0.79	93	1.2	1.9	**2.3**	0.11	0.27	*C15*
Stomach	500	8.6	11.4	**17.6**	0.88	2.07	342	4.6	6.9	**8.0**	0.46	0.91	*C16*
Small intestine	23	0.4	0.5	**0.8**	0.05	0.08	19	0.3	0.4	**0.5**	0.02	0.06	*C17*
Colon	194	3.3	4.4	**6.7**	0.41	0.77	253	3.4	5.1	**5.9**	0.37	0.62	*C18*
Rectum	156	2.7	3.6	**5.4**	0.33	0.65	162	2.2	3.3	**3.8**	0.21	0.42	*C19-20*
Anus	13	0.2	0.3	**0.4**	0.03	0.03	49	0.7	1.0	**1.2**	0.08	0.14	*C21*
Liver	28	0.5	0.6	**1.0**	0.06	0.13	19	0.3	0.4	**0.5**	0.03	0.06	*C22*
Gallbladder etc.	29	0.5	0.7	**1.1**	0.05	0.15	79	1.1	1.6	**1.9**	0.09	0.23	*C23-24*
Pancreas	88	1.5	2.0	**3.1**	0.15	0.36	127	1.7	2.6	**3.0**	0.16	0.33	*C25*
Nose, sinuses etc.	15	0.3	0.3	**0.4**	0.02	0.03	9	0.1	0.2	**0.2**	0.01	0.01	*C30-31*
Larynx	255	4.4	5.8	**9.2**	0.51	1.15	45	0.6	0.9	**1.1**	0.06	0.12	*C32*
Trachea, bronchus and lung	628	10.8	14.4	**22.7**	1.00	2.85	471	6.3	9.5	**11.6**	0.71	1.36	*C33-34*
Other thoracic organs	19	0.3	0.4	**0.6**	0.05	0.06	18	0.2	0.4	**0.4**	0.02	0.04	*C37-38*
Bone	57	1.0	1.3	**1.5**	0.07	0.14	42	0.6	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	71	1.2	1.6	**2.3**	0.14	0.27	64	0.9	1.3	**1.5**	0.11	0.17	*C43*
Other skin	1134		25.9	**39.0**	1.88	4.32	1063		21.4	**23.9**	1.21	2.45	*C44*
Mesothelioma	6	0.1	0.1	**0.2**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	10	0.2	0.2	**0.2**	0.02	0.02	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	79	1.4	1.8	**2.2**	0.14	0.18	60	0.8	1.2	**1.3**	0.09	0.13	*C47+C49*
Breast	12	0.2	0.3	**0.4**	0.02	0.05	2207	29.4	44.4	**52.0**	3.89	5.81	*C50*
Vulva							17	0.2	0.3	**0.4**	0.01	0.03	*C51*
Vagina							22	0.3	0.4	**0.5**	0.03	0.06	*C52*
Cervix uteri							934	12.4	18.8	**21.7**	1.58	2.44	*C53*
Corpus uteri							187	2.5	3.8	**4.6**	0.30	0.55	*C54*
Uterus unspecified							45	0.6	0.9	**1.0**	0.06	0.09	*C55*
Ovary							343	4.6	6.9	**7.9**	0.53	0.89	*C56*
Other female genital organs							2	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							2	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	51	0.9	1.2	**1.7**	0.08	0.23							*C60*
Prostate	1553	26.6	35.5	**56.9**	1.61	6.49							*C61*
Testis	41	0.7	0.9	**1.0**	0.07	0.08							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	75	1.3	1.7	**2.5**	0.17	0.28	92	1.2	1.9	**2.3**	0.13	0.26	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	118	2.0	2.7	**4.2**	0.17	0.49	75	1.0	1.5	**1.8**	0.07	0.20	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.01	*C68*
Eye	14	0.2	0.3	**0.4**	0.01	0.03	8	0.1	0.2	**0.2**	0.01	0.02	*C69*
Brain, nervous system	165	2.8	3.8	**4.6**	0.30	0.49	170	2.3	3.4	**3.8**	0.23	0.37	*C70-72*
Thyroid	54	0.9	1.2	**1.7**	0.11	0.19	387	5.2	7.8	**8.7**	0.69	0.93	*C73*
Adrenal gland	9	0.2	0.2	**0.3**	0.02	0.03	2	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	3	0.1	0.1	**0.1**	0.00	0.01	4	0.1	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	91	1.6	2.1	**2.2**	0.13	0.23	73	1.0	1.5	**1.4**	0.10	0.12	*C81*
Non-Hodgkin lymphoma	186	3.2	4.3	**5.7**	0.29	0.64	182	2.4	3.7	**4.3**	0.26	0.49	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	60	1.0	1.4	**2.1**	0.11	0.28	75	1.0	1.5	**1.8**	0.09	0.22	*C90*
Lymphoid leukaemia	81	1.4	1.9	**2.2**	0.07	0.15	49	0.7	1.0	**1.1**	0.06	0.08	*C91*
Myeloid leukaemia	105	1.8	2.4	**2.9**	0.19	0.27	91	1.2	1.8	**2.0**	0.12	0.20	*C92-94*
Leukaemia unspecified	20	0.3	0.5	**0.6**	0.03	0.05	20	0.3	0.4	**0.4**	0.02	0.03	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	381	6.5	8.7	**12.9**	0.63	1.48	472	6.3	9.5	**10.7**	0.51	1.11	*O&U*
All sites	6966		159.3	**239.0**	11.33	27.36	8566		172.4	**199.0**	12.67	21.79	*C00-96*
All sites except C44	5832	100.0	133.4	**200.0**	9.46	23.04	7503	100.0	151.0	**175.0**	11.45	19.34	*C00-96 exc. C44*
	§Includes 23 cases of unknown age						§Includes 49 cases of unknown age						

Brazil, Goiânia

REGISTRATION AREA

The Population-based Cancer Registry of Goiânia is located in the central part of Brazil. The area's climate is tropical, and the city is hot and sunny almost all year long, with an average annual temperature of 23–33 °C. Goiânia, the second planned city in Brazil, is now 78 years old. The majority of the population lives in rural areas, and the main religion is Catholicism.

CANCER CARE FACILITIES

There is one cancer centre (with 180 beds), which is also a training facility for oncological surgery, radiotherapy, and chemotherapy. There are two radiotherapy units, six linear accelerators, a brachytherapy unit, 14 chemotherapy units, 10 oncology clinics, 33 pathology laboratories, and two bone marrow centres. There are also two medical schools and eight nursing schools.

REGISTRY STRUCTURE AND METHODS

The registry is located in a private cancer hospital centre and is coordinated by an oncologist. It also employs a supervisor; an epidemiologist; and four registrars responsible for data collection, coding, and data entry. There is also an advisory council, which consists of a pathologist and an oncologist. Data collection is active. The registry has access to death certificates, which include information on identification. The registry uses the IARC/IACR rules (2004) for multiple primary tumours. Quality control procedures include verification of date of birth versus topography, sex versus topography and morphology, duplication, and mortality versus incidence. The registry area has screening programmes for breast, cervical, skin, and prostate cancer.

USE OF THE DATA

Incidence data are reported to the data sources periodically. The registry carries out many epidemiological studies, including studies that investigate survival associated with several cancer sites. The registry also produces many publications and has participated in international collaborative projects such as CONCORD, INHANCE, and (more recently) InterCHANGE. Collaborative research is also being carried out on cancers of the oral cavity, larynx, and oesophagus. Data are provided to the National Cancer Institute of Brazil (INCA) to estimate cancer incidence at the national and subnational levels.

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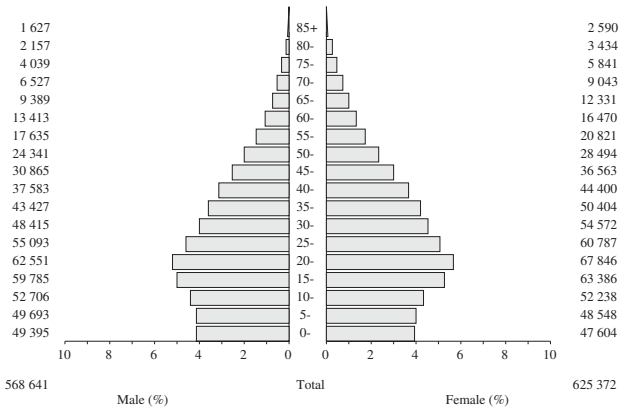
Brazil, Goiânia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 census carried out by the Brazilian Institute of Geography and Statistics; Ministry of Planning, Budget, and Management (http://www.ibge.gov.br), allowing for births, deaths, and migration into and out of the registration area.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	226.1	Non-melanoma skin cancer	205.2
Prostate	157.4	Breast	69.3
Trachea, bronchus and lung	30.3	Cervix uteri	28.5
Stomach	24.4	Colon	15.7
Colon	18.9	Thyroid	14.8
Bladder	15.4	Trachea, bronchus and lung	14.4
Other and unspecified	13.3	Stomach	11.6
Rectum	11.9	Rectum	10.6
Non-Hodgkin lymphoma	11.4	Ovary	9.6
Oesophagus	10.7	Other and unspecified	8.9
All sites	631.9	All sites	474.6

Brazil, Goiânia (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	29	0.4	1.0	**1.4**	0.08	0.17	5	0.1	0.2	**0.2**	0.00	0.02	*C00*
Tongue	100	1.3	3.5	**4.8**	0.34	0.56	32	0.4	1.0	**1.2**	0.06	0.13	*C01-02*
Mouth	126	1.6	4.4	**6.0**	0.41	0.72	48	0.6	1.5	**1.9**	0.08	0.22	*C03-06*
Salivary glands	23	0.3	0.8	**1.0**	0.09	0.11	31	0.4	1.0	**0.9**	0.06	0.08	*C07-08*
Tonsil	31	0.4	1.1	**1.5**	0.11	0.22	7	0.1	0.2	**0.3**	0.01	0.04	*C09*
Other oropharynx	58	0.7	2.0	**2.7**	0.20	0.30	15	0.2	0.5	**0.5**	0.04	0.06	*C10*
Nasopharynx	39	0.5	1.4	**1.8**	0.11	0.19	22	0.3	0.7	**0.7**	0.05	0.08	*C11*
Hypopharynx	67	0.8	2.4	**3.4**	0.21	0.44	8	0.1	0.3	**0.3**	0.02	0.02	*C12-13*
Pharynx unspecified	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.01	*C14*
Oesophagus	214	2.7	7.5	**10.7**	0.69	1.33	65	0.9	2.1	**2.6**	0.15	0.32	*C15*
Stomach	473	5.9	16.6	**24.4**	1.14	2.83	301	4.0	9.6	**11.6**	0.63	1.37	*C16*
Small intestine	37	0.5	1.3	**1.9**	0.09	0.26	23	0.3	0.7	**0.9**	0.05	0.10	*C17*
Colon	392	4.9	13.8	**18.9**	0.96	2.25	416	5.6	13.3	**15.7**	0.94	1.78	*C18*
Rectum	244	3.1	8.6	**11.9**	0.60	1.38	278	3.7	8.9	**10.6**	0.66	1.27	*C19-20*
Anus	12	0.2	0.4	**0.6**	0.03	0.08	33	0.4	1.1	**1.2**	0.08	0.15	*C21*
Liver	139	1.7	4.9	**7.0**	0.36	0.84	77	1.0	2.5	**3.0**	0.15	0.37	*C22*
Gallbladder etc.	59	0.7	2.1	**3.1**	0.16	0.32	92	1.2	2.9	**3.6**	0.15	0.44	*C23-24*
Pancreas	106	1.3	3.7	**5.4**	0.29	0.62	109	1.5	3.5	**4.3**	0.22	0.54	*C25*
Nose, sinuses etc.	14	0.2	0.5	**0.6**	0.03	0.08	15	0.2	0.5	**0.5**	0.03	0.04	*C30-31*
Larynx	143	1.8	5.0	**7.3**	0.45	0.93	35	0.5	1.1	**1.3**	0.09	0.16	*C32*
Trachea, bronchus and lung	571	7.2	20.1	**30.3**	1.43	4.07	359	4.8	11.5	**14.4**	0.82	1.76	*C33-34*
Other thoracic organs	15	0.2	0.5	**0.6**	0.03	0.06	14	0.2	0.4	**0.5**	0.04	0.04	*C37-38*
Bone	60	0.8	2.1	**2.1**	0.14	0.16	42	0.6	1.3	**1.3**	0.07	0.11	*C40-41*
Melanoma of skin	165	2.1	5.8	**8.0**	0.39	0.87	145	2.0	4.6	**5.0**	0.30	0.51	*C43*
Other skin	4466		157.1	**226.1**	10.04	24.91	5394		172.5	**205.2**	9.36	22.79	*C44*
Mesothelioma	1	0.0	0.0	**0.0**	0.00	0.00	6	0.1	0.2	**0.2**	0.02	0.02	*C45*
Kaposi sarcoma	29	0.4	1.0	**0.9**	0.07	0.07	4	0.1	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	63	0.8	2.2	**2.8**	0.17	0.29	66	0.9	2.1	**2.4**	0.17	0.21	*C47+C49*
Breast	14	0.2	0.5	**0.7**	0.02	0.06	1961	26.4	62.7	**69.3**	5.20	7.67	*C50*
Vulva							34	0.5	1.1	**1.3**	0.04	0.15	*C51*
Vagina							22	0.3	0.7	**0.8**	0.05	0.07	*C52*
Cervix uteri							836	11.2	26.7	**28.5**	2.08	3.09	*C53*
Corpus uteri							190	2.6	6.1	**7.4**	0.50	0.92	*C54*
Uterus unspecified							41	0.6	1.3	**1.5**	0.11	0.17	*C55*
Ovary							265	3.6	8.5	**9.6**	0.71	1.09	*C56*
Other female genital organs							2	0.0	0.1	**0.1**	0.00	0.01	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	65	0.8	2.3	**3.3**	0.13	0.37							*C60*
Prostate	2835	35.5	99.7	**157.4**	5.56	20.23							*C61*
Testis	54	0.7	1.9	**1.7**	0.12	0.13							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	165	2.1	5.8	**7.9**	0.51	0.92	127	1.7	4.1	**5.0**	0.28	0.58	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	2	0.0	0.1	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	289	3.6	10.2	**15.4**	0.50	1.70	148	2.0	4.7	**5.8**	0.23	0.66	*C67*
Other urinary organs	2	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	23	0.3	0.8	**1.0**	0.06	0.10	22	0.3	0.7	**0.8**	0.05	0.06	*C69*
Brain, nervous system	247	3.1	8.7	**10.5**	0.65	1.15	172	2.3	5.5	**6.0**	0.36	0.66	*C70-72*
Thyroid	79	1.0	2.8	**3.1**	0.21	0.32	460	6.2	14.7	**14.8**	1.16	1.51	*C73*
Adrenal gland	4	0.1	0.1	**0.2**	0.00	0.01	12	0.2	0.4	**0.5**	0.03	0.04	*C74*
Other endocrine	11	0.1	0.4	**0.5**	0.01	0.07	4	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	69	0.9	2.4	**2.6**	0.15	0.22	55	0.7	1.8	**1.6**	0.10	0.14	*C81*
Non-Hodgkin lymphoma	254	3.2	8.9	**11.4**	0.63	1.19	242	3.3	7.7	**8.9**	0.55	1.00	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.0	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	93	1.2	3.3	**4.8**	0.30	0.60	80	1.1	2.6	**3.2**	0.18	0.43	*C90*
Lymphoid leukaemia	103	1.3	3.6	**4.4**	0.22	0.32	79	1.1	2.5	**3.0**	0.16	0.23	*C91*
Myeloid leukaemia	106	1.3	3.7	**4.5**	0.23	0.46	110	1.5	3.5	**3.8**	0.22	0.40	*C92-94*
Leukaemia unspecified	21	0.3	0.7	**0.9**	0.04	0.08	25	0.3	0.8	**0.9**	0.05	0.07	*C95*
Myeloproliferative disorders	4	0.1	0.1	**0.2**	0.00	0.04	3	0.0	0.1	**0.1**	0.01	0.02	*MPD*
Myelodysplastic syndromes	58	0.7	2.0	**2.5**	0.14	0.22	59	0.8	1.9	**2.2**	0.14	0.24	*MDS*
Other and unspecified	265	3.3	9.3	**13.3**	0.69	1.63	234	3.1	7.5	**8.9**	0.51	0.97	*O&U*
All sites	12441		437.6	**631.9**	28.82	73.92	12827		410.2	**474.6**	27.01	52.84	*C00-96*
All sites except C44	7975	100.0	280.5	**405.8**	18.78	49.01	7433	100.0	237.7	**269.5**	17.65	30.05	*C00-96 exc. C44*

§Includes 30 cases of unknown age

§Includes 21 cases of unknown age

Brazil, São Paulo

REGISTRATION AREA

The Population-based Cancer Registry of São Paulo covers the city of São Paulo, in the south-eastern region of Brazil. São Paulo has an area of 1 522 986 km^2 and a population of 11.2 million (with 99% living in urban areas). The annual growth rate is 0.66%. São Paulo is 792 m above sea level. Its climate is subtropical, with warm summers and an average annual temperature of 18.3 °C.

CANCER CARE FACILITIES

The city of São Paulo has a network of 212 public and private hospitals, with a total of 29 483 beds (2.6 per 1000 inhabitants). There are 196 universities and eight medical schools. Other cancer diagnostic and treatment facilities include 15 radiation therapy and chemotherapy clinics, 751 ultrasound clinics, and 157 clinical pathology laboratories.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1969 and is located in the Public Health School of the University of São Paulo. The registry has permanent funding, and data are collected actively. The registry employs a general coordinator, a database coordinator, five typists, a source-of-information coordinator, six registrars, and a systems analyst. It also has an advisory committee, which includes three epidemiologists, three statisticians, a pathologist, and an oncologist. Data are collected from 301 sources: 168 hospitals, 35 anatomical pathology laboratories, 76 oncology clinics, two death investigation services, and 20 hospital-based cancer registries. Information about deaths is retrieved from the Program for Improvement of Death Information (PRO-AIM).

USE OF THE DATA

The registry data are used for many purposes, including to estimate incidence and geographical distribution of cancer cases, to study temporal trends, for survival assessments, to evaluate access to screening programmes, for geographical referral of cancer cases through a spatial assessment of cancer cases in the city, for epidemiological studies, for scientific articles, and for teaching purposes.

CONTRIBUTORS

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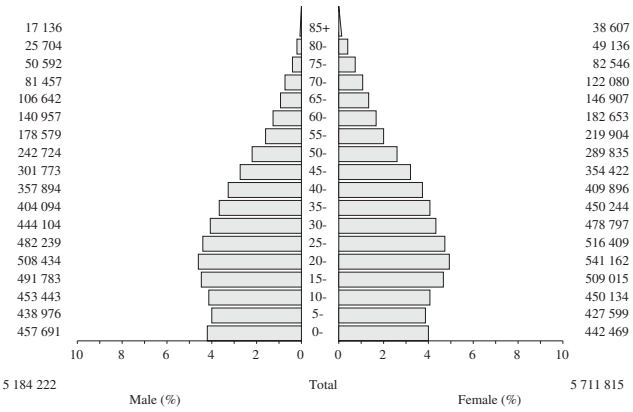
Brazil, São Paulo (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 census carried out by the Brazilian Institute of Geography and Statistics; Ministry of Planning, Budget, and Management (http://www.ibge.gov.br), allowing for births, deaths, and migration into and out of the registration area.

NOTES ON THE DATA

*High M:I ratios. Fluctuation in rates from year to year. High age unknown %.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	94.0	Breast	77.7
Prostate	90.1	Non-melanoma skin cancer	69.8
Trachea, bronchus and lung	26.0	Thyroid	20.9
Stomach	24.0	Other and unspecified	18.2
Other and unspecified	22.3	Colon	16.8
Colon	21.3	Cervix uteri	15.2
Bladder	14.5	Trachea, bronchus and lung	11.4
Rectum	14.2	Stomach	10.9
Oesophagus	11.0	Rectum	9.8
Larynx	10.6	Ovary	8.6
All sites	423.7	All sites	334.1

*Brazil, São Paulo (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	242	0.3	0.9	**1.1**	0.07	0.13	129	0.2	0.5	**0.4**	0.02	0.04	*C00*
Tongue	1243	1.7	4.8	**5.6**	0.42	0.66	407	0.5	1.4	**1.3**	0.08	0.14	*C01-02*
Mouth	1409	2.0	5.4	**6.3**	0.46	0.75	573	0.7	2.0	**1.9**	0.12	0.21	*C03-06*
Salivary glands	255	0.4	1.0	**1.1**	0.07	0.11	282	0.4	1.0	**0.9**	0.06	0.09	*C07-08*
Tonsil	353	0.5	1.4	**1.6**	0.11	0.16	110	0.1	0.4	**0.4**	0.03	0.04	*C09*
Other oropharynx	535	0.7	2.1	**2.5**	0.19	0.31	106	0.1	0.4	**0.3**	0.02	0.04	*C10*
Nasopharynx	202	0.3	0.8	**0.9**	0.06	0.10	87	0.1	0.3	**0.3**	0.02	0.03	*C11*
Hypopharynx	336	0.5	1.3	**1.6**	0.11	0.20	56	0.1	0.2	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	274	0.4	1.1	**1.2**	0.09	0.15	90	0.1	0.3	**0.3**	0.02	0.03	*C14*
Oesophagus	2375	3.3	9.2	**11.0**	0.71	1.30	693	0.9	2.4	**2.3**	0.14	0.27	*C15*
Stomach	5168	7.2	19.9	**24.0**	1.19	2.75	3441	4.3	12.0	**10.9**	0.56	1.18	*C16*
Small intestine	342	0.5	1.3	**1.5**	0.08	0.17	363	0.5	1.3	**1.2**	0.06	0.14	*C17*
Colon	4600	6.4	17.7	**21.3**	0.99	2.44	5260	6.6	18.4	**16.8**	0.88	1.84	*C18*
Rectum	3068	4.3	11.8	**14.2**	0.72	1.67	3011	3.8	10.5	**9.8**	0.56	1.09	*C19-20*
Anus	235	0.3	0.9	**1.0**	0.07	0.11	387	0.5	1.4	**1.3**	0.08	0.14	*C21*
Liver	623	0.9	2.4	**2.9**	0.18	0.34	300	0.4	1.1	**1.0**	0.05	0.12	*C22*
Gallbladder etc.	443	0.6	1.7	**2.0**	0.10	0.22	722	0.9	2.5	**2.4**	0.12	0.27	*C23-24*
Pancreas	1138	1.6	4.4	**5.2**	0.27	0.61	1324	1.6	4.6	**4.2**	0.21	0.46	*C25*
Nose, sinuses etc.	201	0.3	0.8	**0.9**	0.05	0.10	183	0.2	0.6	**0.6**	0.04	0.06	*C30-31*
Larynx	2282	3.2	8.8	**10.6**	0.72	1.30	435	0.5	1.5	**1.5**	0.11	0.18	*C32*
Trachea, bronchus and lung	5524	7.7	21.3	**26.0**	1.27	3.16	3426	4.3	12.0	**11.4**	0.66	1.34	*C33-34*
Other thoracic organs	151	0.2	0.6	**0.7**	0.03	0.08	121	0.2	0.4	**0.4**	0.03	0.04	*C37-38*
Bone	474	0.7	1.8	**1.9**	0.11	0.15	435	0.5	1.5	**1.5**	0.10	0.12	*C40-41*
Melanoma of skin	1309	1.8	5.0	**5.8**	0.32	0.63	1421	1.8	5.0	**4.6**	0.30	0.49	*C43*
Other skin	20420		78.8	**94.0**	3.99	9.41	22178		77.7	**69.8**	3.30	7.14	*C44*
Mesothelioma	39	0.1	0.2	**0.2**	0.01	0.02	22	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	231	0.3	0.9	**0.8**	0.06	0.07	54	0.1	0.2	**0.2**	0.01	0.01	*C46*
Connective and soft tissue	614	0.9	2.4	**2.5**	0.15	0.25	599	0.7	2.1	**2.0**	0.13	0.19	*C47+C49*
Breast	396	0.6	1.5	**1.8**	0.10	0.21	23362	29.1	81.8	**77.7**	5.63	8.59	*C50*
Vulva							510	0.6	1.8	**1.6**	0.09	0.16	*C51*
Vagina							348	0.4	1.2	**1.1**	0.07	0.11	*C52*
Cervix uteri							4657	5.8	16.3	**15.2**	1.15	1.63	*C53*
Corpus uteri							2480	3.1	8.7	**8.4**	0.51	1.04	*C54*
Uterus unspecified							983	1.2	3.4	**3.2**	0.22	0.36	*C55*
Ovary							2553	3.2	8.9	**8.6**	0.60	0.97	*C56*
Other female genital organs							94	0.1	0.3	**0.3**	0.02	0.04	*C57*
Placenta							19	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	403	0.6	1.6	**1.7**	0.09	0.17							*C60*
Prostate	18592	25.9	71.7	**90.1**	3.86	11.24							*C61*
Testis	801	1.1	3.1	**2.8**	0.18	0.21							*C62*
Other male genital organs	75	0.1	0.3	**0.3**	0.02	0.03							*C63*
Kidney	1428	2.0	5.5	**6.5**	0.41	0.75	909	1.1	3.2	**3.1**	0.19	0.33	*C64*
Renal pelvis	26	0.0	0.1	**0.1**	0.01	0.02	12	0.0	0.0	**0.0**	0.00	0.01	*C65*
Ureter	26	0.0	0.1	**0.1**	0.01	0.01	19	0.0	0.1	**0.1**	0.00	0.01	*C66*
Bladder	3096	4.3	11.9	**14.5**	0.57	1.58	1369	1.7	4.8	**4.3**	0.20	0.46	*C67*
Other urinary organs	52	0.1	0.2	**0.2**	0.01	0.02	39	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	198	0.3	0.8	**0.9**	0.05	0.08	231	0.3	0.8	**0.8**	0.05	0.07	*C69*
Brain, nervous system	1411	2.0	5.4	**6.1**	0.38	0.61	1343	1.7	4.7	**4.6**	0.29	0.43	*C70-72*
Thyroid	1261	1.8	4.9	**5.0**	0.39	0.51	6530	8.1	22.9	**20.9**	1.69	2.06	*C73*
Adrenal gland	103	0.1	0.4	**0.5**	0.03	0.03	105	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	63	0.1	0.2	**0.3**	0.02	0.02	79	0.1	0.3	**0.3**	0.02	0.02	*C75*
Hodgkin lymphoma	633	0.9	2.4	**2.4**	0.15	0.20	550	0.7	1.9	**1.7**	0.12	0.14	*C81*
Non-Hodgkin lymphoma	2413	3.4	9.3	**10.4**	0.62	1.09	2251	2.8	7.9	**7.3**	0.43	0.79	*C82-85,C96*
Immunoproliferative diseases	9	0.0	0.0	**0.0**	0.00	0.00	5	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	687	1.0	2.7	**3.1**	0.20	0.37	783	1.0	2.7	**2.6**	0.16	0.32	*C90*
Lymphoid leukaemia	599	0.8	2.3	**2.6**	0.13	0.20	513	0.6	1.8	**1.9**	0.10	0.14	*C91*
Myeloid leukaemia	711	1.0	2.7	**3.0**	0.16	0.29	690	0.9	2.4	**2.3**	0.13	0.21	*C92-94*
Leukaemia unspecified	202	0.3	0.8	**0.9**	0.05	0.08	179	0.2	0.6	**0.6**	0.03	0.05	*C95*
Myeloproliferative disorders	27	0.0	0.1	**0.1**	0.01	0.01	25	0.0	0.1	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	19	0.0	0.1	**0.1**	0.00	0.01	20	0.0	0.1	**0.1**	0.00	0.00	*MDS*
Other and unspecified	4937	6.9	19.0	**22.3**	1.27	2.51	5566	6.9	19.5	**18.2**	1.06	1.96	*O&U*
All sites	92254		355.9	**423.7**	21.43	47.64	102439		358.7	**334.1**	20.65	35.74	*C00-96*
All sites except C44	71834	100.0	277.1	**329.7**	17.37	38.12	80261	100.0	281.0	**264.0**	17.24	28.55	*C00-96 exc. C44*
	§Includes 10375 cases of unknown age						§Includes 11500 cases of unknown age						

*See note following population pyramid

Chile, Region of Antofagasta

REGISTRATION AREA

The Regional Cancer Registry II, Region of Antofagasta covers the Antofagasta Region of northern Chile, with an area of 126 049 km^2. At the 2007 census, the region's population was 555 000, living mainly in urban areas (97.6%). The population consists mainly of members of the Atacama and Aymara ethnic groups. The Antofagasta Region is a desert area, with high levels of ultraviolet radiation. Its main economic activity is mining. There are large deposits of copper, and environmental issues are important. The soil contains significant deposits of arsenic, to which the population has been exposed through the drinking-water (particularly from the 1950s to the late 1970s).

CANCER CARE FACILITIES

For diagnosis, five public and five private hospitals are available. Treatment is available at two public hospitals; one provides surgery and the other provides medical oncology and radiotherapy. The latter hospital also serves as a referral centre for the region. Some cancers, such as those of the breast and stomach, are given high priority by national plans and programmes.

REGISTRY STRUCTURE AND METHODS

The population-based cancer registries of Chile were created by law in 2002, and data confidentiality is protected by two laws (Ley 19.628 and Ley 20.285). The registry is funded by the Ministry of Health and is located in the Regional Health Secretariat of the Antofagasta Region. The staff consists of two professionals, and the registry uses both active and passive data collection. The database is managed using CanReg5 software, and IARC tools are used for quality control. Technical assistance is provided at the national level, and more recently, also by the Tarragona Cancer Registry in Spain.

USE OF THE DATA

The registry has published a report presenting data for the period from 2003 to 2007. Registry staff members also participate in meetings to help develop cancer control strategies in the region.

CONTRIBUTORS

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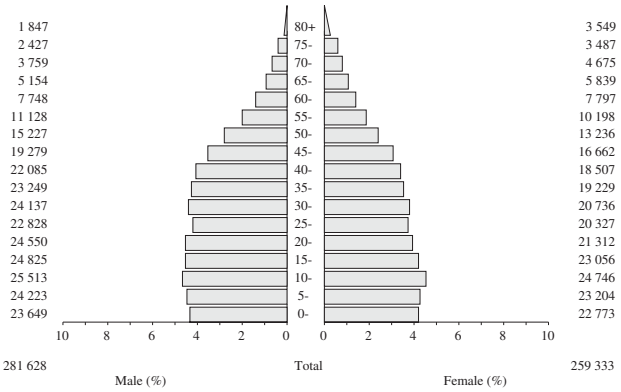
Chile, Region of Antofagasta (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data published by the National Statistics Institute of Chile (INE) in its April 2002 report *Population Estimates and Projections of the XVII National Population Census (1990–2020)*.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	55.9	Non-melanoma skin cancer	40.8
Non-melanoma skin cancer	48.7	Breast	36.0
Prostate	39.4	Trachea, bronchus and lung	19.4
Stomach	23.7	Cervix uteri	11.8
Bladder	17.6	Gallbladder etc.	9.9
Kidney	10.2	Bladder	9.8
Colon	9.0	Thyroid	9.4
Pancreas	5.6	Colon	9.3
Oesophagus	5.4	Stomach	7.5
Gallbladder etc.	5.4	Kidney	5.6
All sites	279.7	All sites	214.3

Chile, Region of Antofagasta (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	2	0.1	0.1	**0.2**	0.00	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	7	0.3	0.5	**0.6**	0.02	0.06	5	0.2	0.4	**0.4**	0.04	0.04	*C01-02*
Mouth	11	0.4	0.8	**1.0**	0.06	0.10	9	0.4	0.7	**0.7**	0.02	0.09	*C03-06*
Salivary glands	6	0.2	0.4	**0.5**	0.04	0.04	5	0.2	0.4	**0.3**	0.01	0.01	*C07-08*
Tonsil	4	0.2	0.3	**0.3**	0.02	0.04	8	0.4	0.6	**0.6**	0.05	0.07	*C09*
Other oropharynx	3	0.1	0.2	**0.2**	0.01	0.04	2	0.1	0.2	**0.2**	0.01	0.03	*C10*
Nasopharynx	2	0.1	0.1	**0.1**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	3	0.1	0.2	**0.3**	0.00	0.05	1	0.0	0.1	**0.1**	0.00	0.02	*C12-13*
Pharynx unspecified	4	0.2	0.3	**0.4**	0.00	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	54	2.1	3.8	**5.4**	0.09	0.69	38	1.7	2.9	**2.8**	0.08	0.29	*C15*
Stomach	258	10.1	18.3	**23.7**	0.93	2.96	100	4.4	7.7	**7.5**	0.32	0.83	*C16*
Small intestine	8	0.3	0.6	**0.7**	0.04	0.10	4	0.2	0.3	**0.3**	0.00	0.02	*C17*
Colon	99	3.9	7.0	**9.0**	0.32	0.98	120	5.3	9.3	**9.3**	0.38	1.13	*C18*
Rectum	53	2.1	3.8	**4.8**	0.21	0.46	34	1.5	2.6	**2.5**	0.14	0.27	*C19-20*
Anus	4	0.2	0.3	**0.4**	0.01	0.04	14	0.6	1.1	**1.0**	0.04	0.10	*C21*
Liver	50	2.0	3.6	**4.5**	0.17	0.46	43	1.9	3.3	**3.3**	0.17	0.33	*C22*
Gallbladder etc.	56	2.2	4.0	**5.4**	0.19	0.49	125	5.5	9.6	**9.9**	0.39	1.20	*C23-24*
Pancreas	59	2.3	4.2	**5.6**	0.25	0.83	57	2.5	4.4	**4.2**	0.21	0.42	*C25*
Nose, sinuses etc.	14	0.5	1.0	**1.2**	0.09	0.14	6	0.3	0.5	**0.4**	0.03	0.03	*C30-31*
Larynx	38	1.5	2.7	**3.4**	0.18	0.38	14	0.6	1.1	**1.1**	0.08	0.17	*C32*
Trachea, bronchus and lung	597	23.4	42.4	**55.9**	2.67	7.14	244	10.8	18.8	**19.4**	0.86	2.45	*C33-34*
Other thoracic organs	42	1.6	3.0	**3.5**	0.19	0.35	19	0.8	1.5	**1.4**	0.08	0.13	*C37-38*
Bone	22	0.9	1.6	**1.7**	0.12	0.12	9	0.4	0.7	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	27	1.1	1.9	**2.0**	0.16	0.23	27	1.2	2.1	**2.1**	0.13	0.23	*C43*
Other skin	556		39.5	**48.7**	2.58	5.55	541		41.7	**40.8**	2.30	4.51	*C44*
Mesothelioma	5	0.2	0.4	**0.3**	0.01	0.01	3	0.1	0.2	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	12	0.5	0.9	**1.0**	0.04	0.11	16	0.7	1.2	**1.2**	0.05	0.11	*C47+C49*
Breast	2	0.1	0.1	**0.2**	0.00	0.02	470	20.8	36.2	**36.0**	2.51	4.12	*C50*
Vulva							17	0.8	1.3	**1.3**	0.05	0.14	*C51*
Vagina							7	0.3	0.5	**0.6**	0.06	0.06	*C52*
Cervix uteri							161	7.1	12.4	**11.8**	0.86	1.25	*C53*
Corpus uteri							39	1.7	3.0	**3.0**	0.19	0.37	*C54*
Uterus unspecified							20	0.9	1.5	**1.4**	0.09	0.11	*C55*
Ovary							65	2.9	5.0	**5.1**	0.33	0.60	*C56*
Other female genital organs							5	0.2	0.4	**0.4**	0.04	0.06	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	19	0.7	1.3	**1.6**	0.08	0.16							*C60*
Prostate	406	15.9	28.8	**39.4**	0.76	4.43							*C61*
Testis	82	3.2	5.8	**5.2**	0.37	0.39							*C62*
Other male genital organs	3	0.1	0.2	**0.2**	0.01	0.04							*C63*
Kidney	111	4.3	7.9	**10.2**	0.48	1.23	69	3.1	5.3	**5.6**	0.32	0.65	*C64*
Renal pelvis	1	0.0	0.1	**0.1**	0.00	0.00	4	0.2	0.3	**0.3**	0.03	0.03	*C65*
Ureter	12	0.5	0.9	**1.1**	0.07	0.14	8	0.4	0.6	**0.7**	0.08	0.08	*C66*
Bladder	197	7.7	14.0	**17.6**	0.78	2.03	126	5.6	9.7	**9.8**	0.41	1.25	*C67*
Other urinary organs	21	0.8	1.5	**1.6**	0.11	0.21	4	0.2	0.3	**0.3**	0.02	0.02	*C68*
Eye	6	0.2	0.4	**0.5**	0.04	0.07	2	0.1	0.2	**0.1**	0.02	0.02	*C69*
Brain, nervous system	21	0.8	1.5	**1.7**	0.09	0.11	23	1.0	1.8	**1.9**	0.12	0.20	*C70-72*
Thyroid	20	0.8	1.4	**1.4**	0.09	0.18	127	5.6	9.8	**9.4**	0.75	0.89	*C73*
Adrenal gland	2	0.1	0.1	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	1	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	13	0.5	0.9	**0.9**	0.06	0.06	15	0.7	1.2	**1.1**	0.07	0.13	*C81*
Non-Hodgkin lymphoma	52	2.0	3.7	**4.1**	0.23	0.40	63	2.8	4.9	**4.7**	0.29	0.44	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	31	1.2	2.2	**2.9**	0.12	0.42	24	1.1	1.9	**2.0**	0.07	0.24	*C90*
Lymphoid leukaemia	11	0.4	0.8	**1.0**	0.05	0.09	18	0.8	1.4	**1.5**	0.10	0.11	*C91*
Myeloid leukaemia	29	1.1	2.1	**2.5**	0.12	0.21	25	1.1	1.9	**1.9**	0.11	0.20	*C92-94*
Leukaemia unspecified	17	0.7	1.2	**1.5**	0.06	0.09	13	0.6	1.0	**1.0**	0.04	0.11	*C95*
Myeloproliferative disorders	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	5	0.2	0.4	**0.5**	0.00	0.07	10	0.4	0.8	**0.7**	0.05	0.05	*MDS*
Other and unspecified	52	2.0	3.7	**4.5**	0.25	0.62	38	1.7	2.9	**3.1**	0.17	0.33	*O&U*
All sites	3112		221.0	**279.7**	12.20	32.47	2799		215.9	**214.3**	12.23	24.00	*C00-96*
All sites except C44	2556	100.0	181.5	**231.0**	9.62	26.92	2258	100.0	174.1	**173.5**	9.93	19.49	*C00-96 exc. C44*

Chile, Bío Bío Province

REGISTRATION AREA

The Population-based Cancer Registry of Bío Bío, Chile, covers the 14 municipalities of Bío Bío Province, located in the Bío Bío Region of south-central Chile. At the 2005 census, the province's population was 380 000. Of the total population, 51% of residents were female, 8.4% were older than 64 years, 31% lived in rural areas, and 7% were members of the Mapuche ethnic group.

CANCER CARE FACILITIES

The majority of the medical services available are provided by the public health care system, to which 80% of patients have access. The public system includes seven hospitals (one of which is of higher complexity). There are also three private hospitals in the province. The public hospitals provide university teaching. Patients requiring radiotherapy, and some requiring surgical treatment, are referred to the regional reference hospital and other hospitals in the region. All cases of childhood cancer are referred to the reference hospital. The main provincial hospital provides pathology, haematology, oncologic surgery, chemotherapy, and palliative care services.

REGISTRY STRUCTURE AND METHODS

The population-based cancer registries of Chile were created by law in 2002, and data confidentiality is protected by two laws (Ley 19.628 and Ley 20.285). The registry is part of the epidemiology unit of the provincial office of the Regional Health Authority. It has its own office and computer equipment, and the staff consists of a medical epidemiologist and a nurse (both working at the registry part-time), with support from administrative personnel. Data collection is both active and passive. The registry receives reports from various sources, as well as notifications from national cancer and childhood cancer programmes. The registry also collects data from official mortality statistics. Clinical reports and death certificates are actively reviewed. CanReg4 software is used for data storage and quality control. Coding is done by the registry's staff. Standard indicators are used for quality control. There are two national cancer screening programmes: for cancers of the cervix uteri and breast in women. These programmes include physical examinations and mammograms in high-risk groups. Changes in environmental exposures are not registered.

USE OF THE DATA

The registry has published a report presenting data for the period from 2003 to 2007.

CONTRIBUTORS

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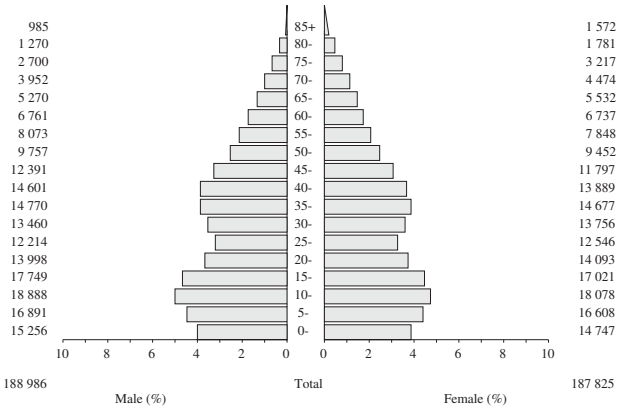
Chile, Bío Bío Province (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data published by the National Statistics Institute of Chile (INE) in its April 2002 report *Population Estimates and Projections of the XVII National Population Census (1990–2020)*.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	53.0	Breast	31.7
Stomach	41.2	Gallbladder etc.	24.6
Gallbladder etc.	11.3	Cervix uteri	16.7
Oesophagus	9.9	Stomach	16.4
Non-melanoma skin cancer	8.9	Ovary	8.6
Trachea, bronchus and lung	8.6	Colon	8.0
Testis	8.3	Non-melanoma skin cancer	7.6
Kidney	6.5	Other and unspecified	4.3
Colon	6.5	Pancreas	4.0
Rectum	5.5	Rectum	3.9
All sites	211.0	All sites	174.2

Chile, Bío Bío Province (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.02	*C00*
Tongue	2	0.1	0.2	**0.2**	0.01	0.03	1	0.1	0.1	**0.1**	0.01	0.01	*C01-02*
Mouth	4	0.2	0.4	**0.4**	0.02	0.04	4	0.2	0.4	**0.4**	0.02	0.04	*C03-06*
Salivary glands	3	0.1	0.3	**0.3**	0.02	0.04	4	0.2	0.4	**0.4**	0.04	0.04	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	1	0.0	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	3	0.1	0.3	**0.3**	0.01	0.06	1	0.1	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	103	5.0	10.9	**9.9**	0.25	1.23	46	2.5	4.9	**3.9**	0.14	0.43	*C15*
Stomach	418	20.4	44.2	**41.2**	1.92	4.95	189	10.4	20.1	**16.4**	0.70	1.86	*C16*
Small intestine	7	0.3	0.7	**0.7**	0.04	0.04	6	0.3	0.6	**0.5**	0.02	0.04	*C17*
Colon	66	3.2	7.0	**6.5**	0.31	0.74	91	5.0	9.7	**8.0**	0.40	0.84	*C18*
Rectum	56	2.7	5.9	**5.5**	0.19	0.65	42	2.3	4.5	**3.9**	0.18	0.45	*C19-20*
Anus	3	0.1	0.3	**0.3**	0.00	0.04	2	0.1	0.2	**0.1**	0.00	0.02	*C21*
Liver	35	1.7	3.7	**3.6**	0.16	0.42	27	1.5	2.9	**2.3**	0.09	0.24	*C22*
Gallbladder etc.	117	5.7	12.4	**11.3**	0.39	1.19	263	14.5	28.0	**24.6**	1.40	3.03	*C23-24*
Pancreas	52	2.5	5.5	**4.9**	0.21	0.53	48	2.6	5.1	**4.0**	0.16	0.34	*C25*
Nose, sinuses etc.	1	0.0	0.1	**0.1**	0.01	0.01	3	0.2	0.3	**0.2**	0.02	0.02	*C30-31*
Larynx	12	0.6	1.3	**1.1**	0.02	0.14	1	0.1	0.1	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	88	4.3	9.3	**8.6**	0.34	1.00	44	2.4	4.7	**3.7**	0.15	0.40	*C33-34*
Other thoracic organs	8	0.4	0.8	**0.9**	0.05	0.13	5	0.3	0.5	**0.4**	0.01	0.05	*C37-38*
Bone	12	0.6	1.3	**1.2**	0.06	0.11	8	0.4	0.9	**0.7**	0.05	0.05	*C40-41*
Melanoma of skin	23	1.1	2.4	**2.3**	0.12	0.24	24	1.3	2.6	**2.3**	0.13	0.27	*C43*
Other skin	94		9.9	**8.9**	0.28	0.85	93		9.9	**7.6**	0.34	0.72	*C44*
Mesothelioma	2	0.1	0.2	**0.2**	0.01	0.04	3	0.2	0.3	**0.3**	0.01	0.06	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	16	0.8	1.7	**1.5**	0.07	0.14	13	0.7	1.4	**1.2**	0.07	0.11	*C47+C49*
Breast	5	0.2	0.5	**0.5**	0.03	0.05	332	18.3	35.4	**31.7**	2.31	3.64	*C50*
Vulva							4	0.2	0.4	**0.3**	0.02	0.02	*C51*
Vagina							9	0.5	1.0	**0.8**	0.05	0.09	*C52*
Cervix uteri							186	10.2	19.8	**16.7**	1.09	1.74	*C53*
Corpus uteri							38	2.1	4.0	**3.6**	0.23	0.41	*C54*
Uterus unspecified							4	0.2	0.4	**0.3**	0.02	0.02	*C55*
Ovary							89	4.9	9.5	**8.6**	0.54	0.93	*C56*
Other female genital organs							3	0.2	0.3	**0.3**	0.01	0.03	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	8	0.4	0.8	**0.8**	0.02	0.06							*C60*
Prostate	550	26.8	58.2	**53.0**	1.28	5.94							*C61*
Testis	80	3.9	8.5	**8.3**	0.59	0.59							*C62*
Other male genital organs	1	0.0	0.1	**0.1**	0.00	0.02							*C63*
Kidney	65	3.2	6.9	**6.5**	0.37	0.78	36	2.0	3.8	**3.4**	0.21	0.43	*C64*
Renal pelvis	3	0.1	0.3	**0.3**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	30	1.5	3.2	**2.8**	0.12	0.28	16	0.9	1.7	**1.3**	0.04	0.14	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	1	0.0	0.1	**0.1**	0.00	0.00	2	0.1	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	41	2.0	4.3	**4.6**	0.30	0.46	34	1.9	3.6	**3.6**	0.20	0.36	*C70-72*
Thyroid	13	0.6	1.4	**1.3**	0.07	0.14	39	2.1	4.2	**3.7**	0.31	0.37	*C73*
Adrenal gland	1	0.0	0.1	**0.1**	0.00	0.02	1	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	3	0.1	0.3	**0.3**	0.03	0.03	1	0.1	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	14	0.7	1.5	**1.5**	0.08	0.13	10	0.6	1.1	**1.1**	0.08	0.13	*C81*
Non-Hodgkin lymphoma	51	2.5	5.4	**5.2**	0.29	0.60	39	2.1	4.2	**3.6**	0.18	0.38	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.00	*C88*
Multiple myeloma	21	1.0	2.2	**2.1**	0.13	0.31	24	1.3	2.6	**2.1**	0.11	0.21	*C90*
Lymphoid leukaemia	32	1.6	3.4	**3.4**	0.18	0.30	30	1.7	3.2	**3.3**	0.16	0.27	*C91*
Myeloid leukaemia	22	1.1	2.3	**2.4**	0.12	0.20	19	1.0	2.0	**1.9**	0.10	0.16	*C92-94*
Leukaemia unspecified	1	0.0	0.1	**0.1**	0.00	0.00	6	0.3	0.6	**0.4**	0.00	0.02	*C95*
Myeloproliferative disorders	16	0.8	1.7	**1.7**	0.07	0.19	9	0.5	1.0	**0.8**	0.04	0.06	*MPD*
Myelodysplastic syndromes	5	0.2	0.5	**0.5**	0.00	0.08	4	0.2	0.4	**0.3**	0.00	0.02	*MDS*
Other and unspecified	55	2.7	5.8	**5.4**	0.14	0.63	53	2.9	5.6	**4.3**	0.14	0.39	*O&U*
All sites	2145		227.0	**211.0**	8.36	23.42	1910		203.4	**174.2**	9.82	18.92	*C00-96*
All sites except C44	2051	100.0	217.1	**202.0**	8.08	22.58	1817	100.0	193.5	**166.6**	9.48	18.20	*C00-96 exc. C44*

Chile, Valdivia

REGISTRATION AREA

The Valdivia Cancer Registry covers the Los Ríos Region of Chile. At the 2005 census, the region's population was 372 000, with a male-to-female ratio of 1:1. The majority of the population lives in urban areas, with 32% living in rural areas. Members of minority ethnic groups account for 11.4% of the population, and 68% of residents are of the Catholic religion.

CANCER CARE FACILITIES

The public health care network (which covers 83.6% of the region's population) includes 17 primary health care centres, eight health care centres that provide only certain services, and the only oncological hospital in the region (Hospital Clínico Regional de Valdivia), which provides oncological surgery, radiotherapy, and chemotherapy, as well as diagnostic services, imaging, cytology, and pathology. It is also a teaching centre. In the private sector, surgery and chemotherapy, as well as anatomical pathology services, are available for adult patients. The public university hospital is the only treatment provider for childhood cancers.

REGISTRY STRUCTURE AND METHODS

The registry follows strict confidentiality rules in accordance with Chilean laws protecting private information (Ley 19.628 and Ley 18.575). The registry employs only one public health professional, and it receives technical assistance from the hospital-based cancer registry. The registry uses both active and passive data collection and uses standard quality indicators (percentage of cases with microscopic verification, percentage of death-certificate-only cases, and mortality-to-incidence ratio). Although it is not possible for the registry to collect information on the cases that finish treatment in other regions, this figure might be relatively insignificant since the regional oncological hospital in Valdivia is the only one in the area.

USE OF THE DATA

Incidence and mortality information is disseminated regularly and is available from http://www.seremisaludlosrios.cl/. A wide variety of studies, including survival studies, are also carried out based on the registry data.

CONTRIBUTORS

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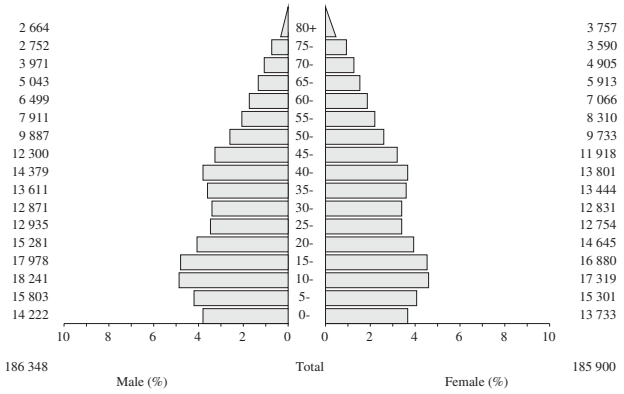
Chile, Valdivia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data published by the National Statistics Institute of Chile (INE) in its April 2002 report *Population Estimates and Projections of the XVII National Population Census (1990–2020)*.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	65.4	Breast	33.9
Stomach	35.2	Gallbladder etc.	25.1
Non-melanoma skin cancer	16.7	Non-melanoma skin cancer	18.3
Testis	13.7	Cervix uteri	16.9
Kidney	11.0	Stomach	13.5
Trachea, bronchus and lung	10.5	Other and unspecified	11.3
Other and unspecified	10.4	Colon	9.6
Gallbladder etc.	9.7	Thyroid	6.7
Colon	8.8	Ovary	6.6
Oesophagus	6.9	Kidney	5.7
All sites	246.5	All sites	202.8

Chile, Valdivia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	5	0.2	0.5	**0.5**	0.05	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	2	0.1	0.2	**0.2**	0.03	0.03	3	0.1	0.3	**0.2**	0.01	0.01	*C01-02*
Mouth	6	0.3	0.6	**0.6**	0.05	0.05	2	0.1	0.2	**0.2**	0.02	0.02	*C03-06*
Salivary glands	7	0.3	0.8	**0.7**	0.05	0.05	6	0.3	0.6	**0.5**	0.01	0.04	*C07-08*
Tonsil	3	0.1	0.3	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	3	0.1	0.3	**0.3**	0.02	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	3	0.1	0.3	**0.4**	0.03	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	74	3.1	7.9	**6.9**	0.22	0.76	49	2.3	5.3	**3.4**	0.06	0.34	*C15*
Stomach	365	15.5	39.2	**35.2**	1.49	4.17	162	7.6	17.4	**13.5**	0.70	1.46	*C16*
Small intestine	6	0.3	0.6	**0.6**	0.04	0.06	12	0.6	1.3	**1.0**	0.03	0.11	*C17*
Colon	90	3.8	9.7	**8.8**	0.51	1.04	117	5.5	12.6	**9.6**	0.45	0.99	*C18*
Rectum	63	2.7	6.8	**6.1**	0.29	0.68	48	2.3	5.2	**4.1**	0.21	0.54	*C19-20*
Anus	5	0.2	0.5	**0.5**	0.05	0.07	7	0.3	0.8	**0.7**	0.07	0.07	*C21*
Liver	48	2.0	5.2	**4.9**	0.33	0.59	39	1.8	4.2	**3.4**	0.16	0.41	*C22*
Gallbladder etc.	100	4.2	10.7	**9.7**	0.38	1.21	297	14.0	32.0	**25.1**	1.36	2.96	*C23-24*
Pancreas	53	2.2	5.7	**5.1**	0.29	0.53	50	2.3	5.4	**4.1**	0.20	0.45	*C25*
Nose, sinuses etc.	2	0.1	0.2	**0.2**	0.02	0.02	3	0.1	0.3	**0.2**	0.01	0.01	*C30-31*
Larynx	19	0.8	2.0	**1.8**	0.05	0.27	3	0.1	0.3	**0.3**	0.01	0.03	*C32*
Trachea, bronchus and lung	106	4.5	11.4	**10.5**	0.49	1.31	54	2.5	5.8	**4.3**	0.19	0.52	*C33-34*
Other thoracic organs	4	0.2	0.4	**0.4**	0.03	0.05	2	0.1	0.2	**0.1**	0.00	0.00	*C37-38*
Bone	10	0.4	1.1	**1.0**	0.05	0.07	12	0.6	1.3	**1.1**	0.06	0.06	*C40-41*
Melanoma of skin	33	1.4	3.5	**3.2**	0.20	0.36	25	1.2	2.7	**2.2**	0.14	0.23	*C43*
Other skin	176		18.9	**16.7**	0.73	1.92	226		24.3	**18.3**	1.02	1.87	*C44*
Mesothelioma	1	0.0	0.1	**0.1**	0.01	0.01	5	0.2	0.5	**0.4**	0.03	0.03	*C45*
Kaposi sarcoma	2	0.1	0.2	**0.2**	0.01	0.03	2	0.1	0.2	**0.2**	0.02	0.02	*C46*
Connective and soft tissue	25	1.1	2.7	**2.3**	0.11	0.26	22	1.0	2.4	**2.0**	0.13	0.17	*C47+C49*
Breast	2	0.1	0.2	**0.2**	0.02	0.02	377	17.7	40.6	**33.9**	2.35	3.73	*C50*
Vulva							9	0.4	1.0	**0.6**	0.02	0.04	*C51*
Vagina							2	0.1	0.2	**0.2**	0.01	0.01	*C52*
Cervix uteri							186	8.7	20.0	**16.9**	1.26	1.61	*C53*
Corpus uteri							51	2.4	5.5	**4.8**	0.38	0.57	*C54*
Uterus unspecified							10	0.5	1.1	**0.8**	0.04	0.11	*C55*
Ovary							71	3.3	7.6	**6.6**	0.46	0.75	*C56*
Other female genital organs							5	0.2	0.5	**0.5**	0.04	0.06	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	10	0.4	1.1	**0.9**	0.01	0.13							*C60*
Prostate	685	29.0	73.5	**65.4**	2.08	7.86							*C61*
Testis	137	5.8	14.7	**13.7**	1.02	1.02							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	107	4.5	11.5	**11.0**	0.69	1.42	63	3.0	6.8	**5.7**	0.37	0.67	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	40	1.7	4.3	**3.8**	0.16	0.47	26	1.2	2.8	**2.3**	0.12	0.33	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	3	0.1	0.3	**0.4**	0.01	0.01	1	0.0	0.1	**0.1**	0.00	0.02	*C69*
Brain, nervous system	37	1.6	4.0	**3.9**	0.22	0.46	33	1.6	3.6	**3.3**	0.20	0.37	*C70-72*
Thyroid	14	0.6	1.5	**1.4**	0.08	0.15	71	3.3	7.6	**6.7**	0.48	0.61	*C73*
Adrenal gland	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	15	0.6	1.6	**1.5**	0.09	0.11	12	0.6	1.3	**1.2**	0.07	0.11	*C81*
Non-Hodgkin lymphoma	48	2.0	5.2	**4.7**	0.28	0.45	46	2.2	4.9	**3.8**	0.17	0.34	*C82-85,C96*
Immunoproliferative diseases	2	0.1	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	35	1.5	3.8	**3.5**	0.20	0.44	26	1.2	2.8	**2.1**	0.06	0.29	*C90*
Lymphoid leukaemia	25	1.1	2.7	**3.0**	0.13	0.18	28	1.3	3.0	**3.1**	0.15	0.21	*C91*
Myeloid leukaemia	33	1.4	3.5	**3.4**	0.20	0.27	21	1.0	2.3	**2.0**	0.11	0.16	*C92-94*
Leukaemia unspecified	3	0.1	0.3	**0.3**	0.04	0.04	1	0.0	0.1	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	3	0.1	0.3	**0.4**	0.01	0.06	8	0.4	0.9	**0.7**	0.03	0.09	*MPD*
Myelodysplastic syndromes	13	0.6	1.4	**1.2**	0.05	0.07	15	0.7	1.6	**1.1**	0.03	0.11	*MDS*
Other and unspecified	110	4.7	11.8	**10.4**	0.42	1.08	144	6.8	15.5	**11.3**	0.48	1.22	*O&U*
All sites	2535		272.1	**246.5**	11.28	28.02	2354		253.3	**202.8**	11.73	21.75	*C00-96*
All sites except C44	2359	100.0	253.2	**229.8**	10.55	26.11	2128	100.0	228.9	**184.4**	10.71	19.89	*C00-96 exc. C44*

Colombia, Bucaramanga

REGISTRATION AREA

The Population-based Cancer Registry of the Bucaramanga Metropolitan Area (RPC-AMB) covers the populations of four municipalities (Bucaramanga, Floridablanca, Girón, and Piedecuesta) in the Andean region of Colombia, over an area of 1479 km^2. At the mid-year 2005 census, the population covered by the registry was 1 million, with 94% living in urban areas. The majority of the area's residents are Mestizo (of mixed Spanish and Amerindian ancestry).

CANCER CARE FACILITIES

Most Colombians are covered by the national health system, through two social security regimes: a contributive regime for workers and their families (who can afford to pay) and a subsidized regime for the poor. Both regimes are affiliated with health maintenance organizations (HMOs), which administer the provision of health services through contracts with health care institutions and providers. Oncological care is provided mainly by private institutions. Only one of the five general public hospitals in the registry area provides oncology services. Cancer diagnostic and treatment facilities include 10 clinics, two radiation therapy centres, four chemotherapy units, 11 pathology laboratories, two oncologists, and several clinical specialists in oncology.

REGISTRY STRUCTURE AND METHODS

The RPC-AMB was established in 2000, and data collection began the same year. The registry is located within the Medicine Program of the Autonomous University of Bucaramanga. Financial support is provided by the university (as a research project) and by the National Cancer Institute in Bogotá. The registry staff includes a director, a coordinator, a digitizer, and three registrars. Data collection is active. Information from death certificates is obtained from the local office of vital statistics. The registry uses the IARC/IACR rules (2004) for multiple primary tumours, as well as CanReg4 software.

USE OF THE DATA

Several quality control studies and epidemiological studies of selected cancer sites have been carried out, and the results have been published locally. The data have also been used by graduate students for their master's degree dissertations. The registry prepares a periodic report on cancer incidence.

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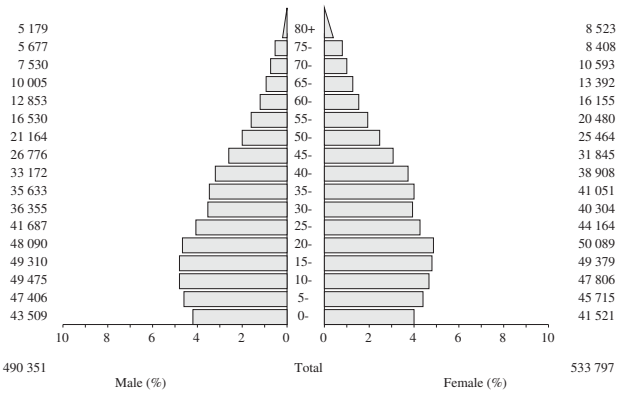
Colombia, Bucaramanga (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2005 census carried out by the Colombian National Administrative Department of Statistics (DANE), making allowances for births and deaths. It was not possible to estimate migration into and out of the registration area.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	50.5	Breast	41.9
Stomach	22.4	Cervix uteri	17.3
Non-melanoma skin cancer	19.9	Non-melanoma skin cancer	10.5
Trachea, bronchus and lung	11.6	Stomach	10.3
Other and unspecified	9.5	Thyroid	9.6
Non-Hodgkin lymphoma	8.3	Other and unspecified	8.5
Colon	8.2	Colon	7.8
Brain, nervous system	5.9	Trachea, bronchus and lung	6.8
Rectum	5.0	Ovary	6.3
Liver	4.0	Corpus uteri	5.8
All sites	198.2	All sites	173.9

Colombia, Bucaramanga (2003-2007)

	Male						Female						
SITE	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	3	0.1	0.1	**0.2**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	23	0.6	0.9	**1.1**	0.07	0.15	27	0.6	1.0	**1.0**	0.06	0.12	*C01-02*
Mouth	29	0.8	1.2	**1.4**	0.09	0.16	23	0.5	0.9	**0.8**	0.03	0.08	*C03-06*
Salivary glands	18	0.5	0.7	**0.8**	0.05	0.08	12	0.3	0.4	**0.4**	0.02	0.04	*C07-08*
Tonsil	12	0.3	0.5	**0.6**	0.04	0.08	7	0.2	0.3	**0.2**	0.02	0.02	*C09*
Other oropharynx	9	0.2	0.4	**0.4**	0.02	0.06	3	0.1	0.1	**0.1**	0.01	0.02	*C10*
Nasopharynx	8	0.2	0.3	**0.4**	0.03	0.05	4	0.1	0.1	**0.1**	0.00	0.01	*C11*
Hypopharynx	7	0.2	0.3	**0.3**	0.02	0.03	1	0.0	0.0	**0.0**	0.01	0.01	*C12-13*
Pharynx unspecified	8	0.2	0.3	**0.4**	0.03	0.04	4	0.1	0.1	**0.1**	0.01	0.02	*C14*
Oesophagus	83	2.2	3.4	**3.9**	0.14	0.43	34	0.8	1.3	**1.1**	0.03	0.14	*C15*
Stomach	466	12.3	19.0	**22.4**	1.04	2.71	303	6.8	11.4	**10.3**	0.51	1.18	*C16*
Small intestine	16	0.4	0.7	**0.8**	0.04	0.10	19	0.4	0.7	**0.7**	0.02	0.08	*C17*
Colon	172	4.6	7.0	**8.2**	0.48	0.92	216	4.8	8.1	**7.8**	0.42	0.94	*C18*
Rectum	106	2.8	4.3	**5.0**	0.23	0.63	120	2.7	4.5	**4.3**	0.27	0.53	*C19-20*
Anus	6	0.2	0.2	**0.3**	0.01	0.02	35	0.8	1.3	**1.4**	0.10	0.17	*C21*
Liver	85	2.3	3.5	**4.0**	0.21	0.45	90	2.0	3.4	**3.2**	0.14	0.38	*C22*
Gallbladder etc.	44	1.2	1.8	**2.1**	0.10	0.30	92	2.1	3.4	**3.4**	0.18	0.43	*C23-24*
Pancreas	35	0.9	1.4	**1.8**	0.09	0.20	69	1.5	2.6	**2.3**	0.10	0.26	*C25*
Nose, sinuses etc.	14	0.4	0.6	**0.7**	0.04	0.08	11	0.2	0.4	**0.4**	0.04	0.04	*C30-31*
Larynx	66	1.7	2.7	**3.3**	0.22	0.38	14	0.3	0.5	**0.5**	0.03	0.06	*C32*
Trachea, bronchus and lung	238	6.3	9.7	**11.6**	0.56	1.45	185	4.1	6.9	**6.8**	0.35	0.88	*C33-34*
Other thoracic organs	18	0.5	0.7	**0.8**	0.06	0.07	13	0.3	0.5	**0.4**	0.02	0.04	*C37-38*
Bone	22	0.6	0.9	**0.9**	0.06	0.08	20	0.4	0.7	**0.7**	0.04	0.07	*C40-41*
Melanoma of skin	35	0.9	1.4	**1.7**	0.10	0.20	62	1.4	2.3	**2.3**	0.15	0.26	*C43*
Other skin	428		17.5	**19.9**	0.74	2.15	332		12.4	**10.5**	0.33	1.00	*C44*
Mesothelioma	4	0.1	0.2	**0.2**	0.01	0.02	2	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	17	0.5	0.7	**0.7**	0.05	0.05	2	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	62	1.6	2.5	**2.7**	0.16	0.31	64	1.4	2.4	**2.3**	0.14	0.22	*C47+C49*
Breast	7	0.2	0.3	**0.4**	0.02	0.05	1129	25.2	42.3	**41.9**	3.27	4.73	*C50*
Vulva							20	0.4	0.7	**0.7**	0.04	0.08	*C51*
Vagina							20	0.4	0.7	**0.8**	0.05	0.10	*C52*
Cervix uteri							482	10.7	18.1	**17.3**	1.28	1.90	*C53*
Corpus uteri							155	3.5	5.8	**5.8**	0.47	0.66	*C54*
Uterus unspecified							19	0.4	0.7	**0.7**	0.05	0.09	*C55*
Ovary							168	3.7	6.3	**6.3**	0.48	0.69	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							6	0.1	0.2	**0.2**	0.02	0.02	*C58*
Penis	31	0.8	1.3	**1.4**	0.08	0.15							*C60*
Prostate	1030	27.3	42.0	**50.5**	1.79	6.45							*C61*
Testis	47	1.2	1.9	**1.8**	0.13	0.14							*C62*
Other male genital organs	3	0.1	0.1	**0.1**	0.01	0.01							*C63*
Kidney	50	1.3	2.0	**2.4**	0.19	0.26	34	0.8	1.3	**1.3**	0.07	0.13	*C64*
Renal pelvis	2	0.1	0.1	**0.1**	0.00	0.02	2	0.0	0.1	**0.1**	0.00	0.02	*C65*
Ureter	1	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.1	**0.1**	0.00	0.01	*C66*
Bladder	81	2.1	3.3	**3.8**	0.10	0.44	37	0.8	1.4	**1.3**	0.06	0.14	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	38	1.0	1.5	**1.8**	0.07	0.20	15	0.3	0.6	**0.5**	0.02	0.05	*C69*
Brain, nervous system	133	3.5	5.4	**5.9**	0.33	0.64	109	2.4	4.1	**4.1**	0.25	0.43	*C70-72*
Thyroid	58	1.5	2.4	**2.6**	0.20	0.27	269	6.0	10.1	**9.6**	0.74	0.97	*C73*
Adrenal gland	2	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	32	0.8	1.3	**1.3**	0.09	0.09	26	0.6	1.0	**1.0**	0.07	0.08	*C81*
Non-Hodgkin lymphoma	186	4.9	7.6	**8.3**	0.50	0.81	125	2.8	4.7	**4.7**	0.28	0.53	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	38	1.0	1.5	**1.8**	0.12	0.20	33	0.7	1.2	**1.3**	0.09	0.18	*C90*
Lymphoid leukaemia	64	1.7	2.6	**2.8**	0.15	0.22	45	1.0	1.7	**1.8**	0.10	0.14	*C91*
Myeloid leukaemia	61	1.6	2.5	**2.7**	0.17	0.27	37	0.8	1.4	**1.5**	0.10	0.15	*C92-94*
Leukaemia unspecified	83	2.2	3.4	**3.6**	0.17	0.34	65	1.4	2.4	**2.4**	0.16	0.23	*C95*
Myeloproliferative disorders	3	0.1	0.1	**0.1**	0.00	0.00	9	0.2	0.3	**0.3**	0.02	0.03	*MPD*
Myelodysplastic syndromes	16	0.4	0.7	**0.7**	0.03	0.08	8	0.2	0.3	**0.3**	0.01	0.04	*MDS*
Other and unspecified	205	5.4	8.4	**9.5**	0.53	1.04	237	5.3	8.9	**8.5**	0.44	0.99	*O&U*
All sites	4205		171.5	**198.2**	9.42	22.95	4819		180.6	**173.9**	11.10	19.40	*C00-96*
All sites except C44	3777	100.0	154.1	**178.3**	8.68	20.80	4487	100.0	168.1	**163.4**	10.76	18.39	*C00-96 exc. C44*
	§Includes 20 cases of unknown age						§Includes 23 cases of unknown age						

Colombia, Cali

REGISTRATION AREA

The Cali Cancer Registry (CCR) covers the urban area of Cali, the third-most populous city in Colombia. The total registration area is 120.9 km^2. At the most recent official census (2005), the population was 2 million. The large majority of the population is Mestizo (of mixed Spanish and Amerindian ancestry), with a minority of Blacks and Whites. More than half of the population of Cali consists of migrants from other areas of Colombia.

CANCER CARE FACILITIES

Most Colombians are covered by the national health system, through two social security regimes: a contributive regime for workers and their families (who can afford to pay) and a subsidized regime for the poor. Both regimes are affiliated with health maintenance organizations (HMOs), which administer the provision of health services through contracts with health care institutions and providers. Cancer care services in Cali, including screening, diagnosis, and treatment, are provided through this system, but cancer treatment is provided mainly by private institutions.

REGISTRY STRUCTURE AND METHODS

The CCR has been in continuous operation since 1962, within the Department of Pathology of the Universidad del Valle. Its staff includes a director (the university's professor of pathology), three assessing pathologists, an epidemiologist coordinator, three records clerks, and a data manager. Cancer notification is not compulsory in Colombia. The CCR uses active case finding from various data sources consisting of cancer hospitals, general hospitals, teaching hospitals, and pathology laboratories. Every 2 years, a group of 25 specially trained medical students is selected to carry out a field survey of the files of all private physicians who diagnose or treat cancer patients. Information from death certificates is obtained from the Municipal Office of Vital Statistics. The death registration system is adequate and complete. No active follow-up is carried out.

USE OF THE DATA

The CCR studies incidence and mortality trends using the age–period–cohort model. Long-term survival analysis has been carried out for the five leading causes of cancer and for all cases of childhood cancer. The CCR publishes cancer statistics on its website (http://rpcc.univalle.edu.co).

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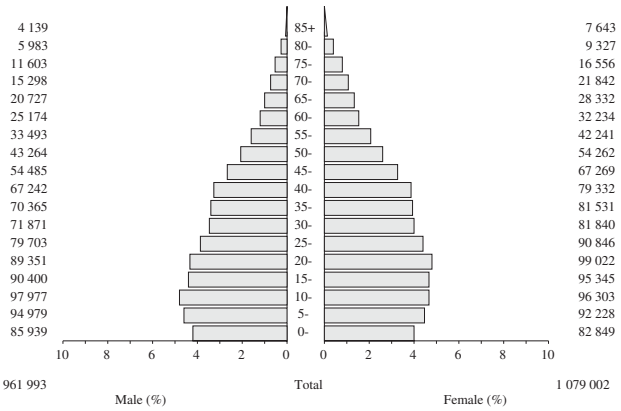
Colombia, Cali (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2005 census carried out by the Colombian National Administrative Department of Statistics (DANE), making allowances for births and deaths. It was not possible to estimate migration into and out of the registration area.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	66.9	Breast	49.2
Stomach	26.0	Cervix uteri	20.5
Trachea, bronchus and lung	19.0	Stomach	13.9
Non-Hodgkin lymphoma	11.7	Thyroid	11.3
Other and unspecified	11.2	Colon	9.6
Colon	9.5	Other and unspecified	9.0
Bladder	6.8	Trachea, bronchus and lung	8.9
Rectum	6.5	Ovary	8.7
Brain, nervous system	5.8	Non-Hodgkin lymphoma	8.4
Kidney	4.4	Corpus uteri	5.5
All sites	226.6	All sites	202.2

Colombia, Cali (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	14	0.1	0.3	**0.3**	0.02	0.03	12	0.1	0.2	**0.2**	0.01	0.02	*C00*
Tongue	53	0.6	1.1	**1.3**	0.07	0.14	36	0.3	0.7	**0.6**	0.02	0.07	*C01-02*
Mouth	62	0.6	1.3	**1.4**	0.07	0.18	51	0.4	0.9	**0.9**	0.05	0.10	*C03-06*
Salivary glands	50	0.5	1.0	**1.1**	0.07	0.12	42	0.4	0.8	**0.8**	0.05	0.09	*C07-08*
Tonsil	20	0.2	0.4	**0.5**	0.03	0.06	18	0.2	0.3	**0.3**	0.03	0.04	*C09*
Other oropharynx	8	0.1	0.2	**0.2**	0.01	0.03	6	0.1	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	26	0.3	0.5	**0.6**	0.04	0.08	17	0.1	0.3	**0.3**	0.01	0.04	*C11*
Hypopharynx	9	0.1	0.2	**0.2**	0.01	0.02	4	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	6	0.1	0.1	**0.1**	0.01	0.01	4	0.0	0.1	**0.1**	0.00	0.00	*C14*
Oesophagus	120	1.2	2.5	**2.8**	0.11	0.32	82	0.7	1.5	**1.4**	0.04	0.17	*C15*
Stomach	1096	11.4	22.8	**26.0**	1.28	3.12	822	7.2	15.2	**13.9**	0.70	1.57	*C16*
Small intestine	31	0.3	0.6	**0.7**	0.04	0.10	37	0.3	0.7	**0.6**	0.03	0.08	*C17*
Colon	412	4.3	8.6	**9.5**	0.46	1.10	557	4.9	10.3	**9.6**	0.49	1.09	*C18*
Rectum	275	2.9	5.7	**6.5**	0.33	0.78	266	2.3	4.9	**4.7**	0.28	0.56	*C19-20*
Anus	29	0.3	0.6	**0.7**	0.04	0.09	101	0.9	1.9	**1.9**	0.13	0.23	*C21*
Liver	178	1.9	3.7	**4.2**	0.16	0.49	182	1.6	3.4	**3.2**	0.15	0.35	*C22*
Gallbladder etc.	108	1.1	2.2	**2.6**	0.07	0.29	286	2.5	5.3	**4.9**	0.22	0.60	*C23-24*
Pancreas	165	1.7	3.4	**3.9**	0.21	0.44	203	1.8	3.8	**3.4**	0.15	0.37	*C25*
Nose, sinuses etc.	34	0.4	0.7	**0.8**	0.03	0.12	40	0.4	0.7	**0.7**	0.05	0.09	*C30-31*
Larynx	169	1.8	3.5	**4.2**	0.21	0.53	36	0.3	0.7	**0.6**	0.03	0.07	*C32*
Trachea, bronchus and lung	810	8.4	16.8	**19.0**	0.65	2.22	512	4.5	9.5	**8.9**	0.42	1.08	*C33-34*
Other thoracic organs	21	0.2	0.4	**0.5**	0.03	0.05	30	0.3	0.6	**0.6**	0.04	0.06	*C37-38*
Bone	92	1.0	1.9	**1.9**	0.11	0.16	80	0.7	1.5	**1.4**	0.09	0.13	*C40-41*
Melanoma of skin	175	1.8	3.6	**4.0**	0.22	0.43	178	1.6	3.3	**3.1**	0.19	0.35	*C43*
Other skin	30		0.6	**0.6**	0.04	0.05	50		0.9	**0.9**	0.05	0.11	*C44*
Mesothelioma	17	0.2	0.4	**0.4**	0.02	0.05	8	0.1	0.1	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	97	1.0	2.0	**1.9**	0.14	0.17	17	0.1	0.3	**0.3**	0.02	0.03	*C46*
Connective and soft tissue	125	1.3	2.6	**2.8**	0.18	0.29	143	1.3	2.7	**2.5**	0.18	0.25	*C47+C49*
Breast	18	0.2	0.4	**0.4**	0.02	0.04	2742	24.0	50.8	**49.2**	3.70	5.57	*C50*
Vulva							55	0.5	1.0	**0.9**	0.04	0.10	*C51*
Vagina							31	0.3	0.6	**0.6**	0.04	0.08	*C52*
Cervix uteri							1181	10.3	21.9	**20.5**	1.49	2.19	*C53*
Corpus uteri							302	2.6	5.6	**5.5**	0.38	0.67	*C54*
Uterus unspecified							26	0.2	0.5	**0.5**	0.03	0.05	*C55*
Ovary							494	4.3	9.2	**8.7**	0.58	0.98	*C56*
Other female genital organs							13	0.1	0.2	**0.2**	0.01	0.02	*C57*
Placenta							13	0.1	0.2	**0.2**	0.01	0.02	*C58*
Penis	54	0.6	1.1	**1.2**	0.08	0.14							*C60*
Prostate	2734	28.4	56.8	**66.9**	2.46	8.58							*C61*
Testis	146	1.5	3.0	**2.9**	0.20	0.21							*C62*
Other male genital organs	9	0.1	0.2	**0.2**	0.01	0.02							*C63*
Kidney	183	1.9	3.8	**4.4**	0.26	0.51	154	1.3	2.9	**2.9**	0.17	0.35	*C64*
Renal pelvis	8	0.1	0.2	**0.2**	0.00	0.02	2	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	293	3.0	6.1	**6.8**	0.27	0.79	130	1.1	2.4	**2.2**	0.11	0.23	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	30	0.3	0.6	**0.8**	0.06	0.07	24	0.2	0.4	**0.5**	0.02	0.04	*C69*
Brain, nervous system	254	2.6	5.3	**5.8**	0.40	0.60	240	2.1	4.4	**4.4**	0.30	0.45	*C70-72*
Thyroid	107	1.1	2.2	**2.3**	0.17	0.22	639	5.6	11.8	**11.3**	0.87	1.18	*C73*
Adrenal gland	3	0.0	0.1	**0.1**	0.00	0.00	8	0.1	0.1	**0.1**	0.01	0.02	*C74*
Other endocrine	3	0.0	0.1	**0.1**	0.00	0.00	3	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	77	0.8	1.6	**1.7**	0.11	0.17	63	0.6	1.2	**1.1**	0.07	0.10	*C81*
Non-Hodgkin lymphoma	523	5.4	10.9	**11.7**	0.74	1.27	475	4.2	8.8	**8.4**	0.49	1.00	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	111	1.2	2.3	**2.7**	0.16	0.34	129	1.1	2.4	**2.3**	0.13	0.31	*C90*
Lymphoid leukaemia	166	1.7	3.5	**3.7**	0.19	0.30	175	1.5	3.2	**3.4**	0.17	0.25	*C91*
Myeloid leukaemia	140	1.5	2.9	**3.1**	0.17	0.32	157	1.4	2.9	**2.8**	0.16	0.29	*C92-94*
Leukaemia unspecified	42	0.4	0.9	**0.9**	0.05	0.09	40	0.4	0.7	**0.7**	0.04	0.06	*C95*
Myeloproliferative disorders	14	0.1	0.3	**0.3**	0.02	0.05	11	0.1	0.2	**0.2**	0.01	0.02	*MPD*
Myelodysplastic syndromes	13	0.1	0.3	**0.3**	0.01	0.02	19	0.2	0.4	**0.3**	0.01	0.03	*MDS*
Other and unspecified	482	5.0	10.0	**11.2**	0.55	1.22	526	4.6	9.7	**9.0**	0.45	1.00	*O&U*
All sites	9646		200.5	**226.6**	10.57	26.50	11476		212.7	**202.2**	12.77	22.63	*C00-96*
All sites except C44	9616	100.0	199.9	**225.9**	10.53	26.45	11426	100.0	211.8	**201.3**	12.71	22.53	*C00-96 exc. C44*
	§Includes 196 cases of unknown age						§Includes 230 cases of unknown age						

Colombia, Manizales

REGISTRATION AREA

The Population-based Cancer Registry of Manizales covers the urban and rural population of the city of Manizales, which is located 2150 m above sea level in the Andean region of Colombia. The average temperature is 18 °C. At the most recent census (2005), the population was 368 000. About 80% of residents live in urban areas, and 85% are Catholic. The area's economy is based on agriculture, marketing, and coffee exportation.

CANCER CARE FACILITIES

Most Colombians are covered by the national health system, through two social security regimes: a contributive regime for workers and their families (who can afford to pay) and a subsidized regime for the poor. Both regimes are affiliated with health maintenance organizations (HMOs), which administer the provision of health services through contracts with health care institutions and providers. Most cancer care institutions in Manizales belong to the private network of providers – including imaging, cytology, and pathology services, as well as radiotherapy, chemotherapy, and cancer surgery services.

REGISTRY STRUCTURE AND METHODS

The registry is supported by the University of Caldas and the National Cancer Institute (INC). The registry staff consists of a part-time medical officer, a full-time registrar, and three part-time health workers. The registry uses active case finding from 38 data sources consisting of hospitals, clinics, cancer care institutions, cytology and pathology laboratories, imaging services, HMOs, and the district's vital statistics office. Although cancer is not a reportable disease in Colombia, registration forms are received from some private practitioners.

USE OF THE DATA

The registry prepares an annual report on cancer incidence, and recently initiated several cancer survival studies.

CONTRIBUTORS

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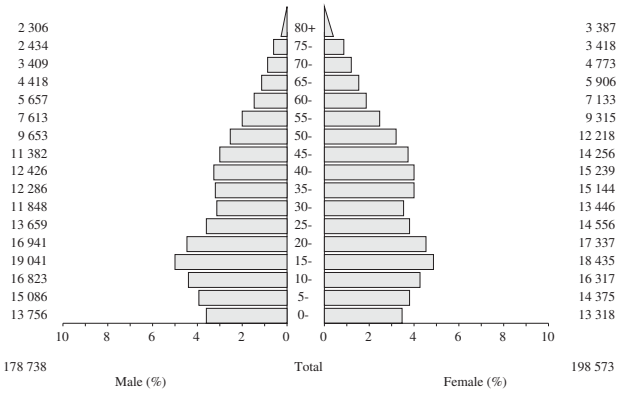
Colombia, Manizales (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2005 census carried out by the Colombian National Administrative Department of Statistics (DANE), making allowances for births and deaths. It was not possible to estimate migration into and out of the registration area.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	32.0	Breast	32.2
Stomach	23.6	Cervix uteri	19.5
Trachea, bronchus and lung	14.9	Thyroid	12.1
Colon	8.9	Stomach	10.0
Other and unspecified	8.1	Trachea, bronchus and lung	8.4
Non-Hodgkin lymphoma	7.9	Colon	7.4
Non-melanoma skin cancer	5.7	Other and unspecified	6.7
Rectum	5.3	Corpus uteri	6.2
Bladder	5.2	Rectum	6.1
Larynx	4.3	Ovary	6.1
All sites	168.4	All sites	162.1

Colombia, Manizales (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.1	0.1	**0.1**	0.00	0.00	2	0.1	0.2	**0.1**	0.01	0.01	*C00*
Tongue	9	0.6	1.0	**1.0**	0.03	0.12	4	0.2	0.4	**0.3**	0.01	0.01	*C01-02*
Mouth	6	0.4	0.7	**0.7**	0.05	0.07	8	0.4	0.8	**0.7**	0.05	0.05	*C03-06*
Salivary glands	9	0.6	1.0	**1.0**	0.04	0.12	13	0.7	1.3	**1.1**	0.07	0.11	*C07-08*
Tonsil	6	0.4	0.7	**0.7**	0.07	0.07	1	0.1	0.1	**0.1**	0.00	0.00	*C09*
Other oropharynx	4	0.3	0.4	**0.4**	0.04	0.04	1	0.1	0.1	**0.1**	0.00	0.02	*C10*
Nasopharynx	1	0.1	0.1	**0.1**	0.01	0.01	3	0.2	0.3	**0.3**	0.03	0.03	*C11*
Hypopharynx	1	0.1	0.1	**0.1**	0.01	0.01	1	0.1	0.1	**0.1**	0.00	0.02	*C12-13*
Pharynx unspecified	5	0.3	0.6	**0.6**	0.03	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	18	1.2	2.0	**2.0**	0.08	0.26	30	1.6	3.0	**2.5**	0.15	0.31	*C15*
Stomach	216	14.6	24.2	**23.6**	1.25	2.87	121	6.6	12.2	**10.0**	0.56	1.15	*C16*
Small intestine	5	0.3	0.6	**0.5**	0.01	0.06	15	0.8	1.5	**1.4**	0.05	0.19	*C17*
Colon	83	5.6	9.3	**8.9**	0.39	1.01	88	4.8	8.9	**7.4**	0.37	0.95	*C18*
Rectum	48	3.3	5.4	**5.3**	0.26	0.68	73	4.0	7.4	**6.1**	0.41	0.72	*C19-20*
Anus	12	0.8	1.3	**1.3**	0.06	0.17	10	0.5	1.0	**0.8**	0.02	0.12	*C21*
Liver	22	1.5	2.5	**2.3**	0.14	0.28	19	1.0	1.9	**1.6**	0.08	0.14	*C22*
Gallbladder etc.	17	1.2	1.9	**2.0**	0.12	0.27	36	2.0	3.6	**2.8**	0.10	0.29	*C23-24*
Pancreas	26	1.8	2.9	**2.9**	0.17	0.35	26	1.4	2.6	**2.1**	0.12	0.26	*C25*
Nose, sinuses etc.	3	0.2	0.3	**0.3**	0.02	0.02	4	0.2	0.4	**0.3**	0.03	0.03	*C30-31*
Larynx	37	2.5	4.1	**4.3**	0.23	0.58	6	0.3	0.6	**0.6**	0.04	0.06	*C32*
Trachea, bronchus and lung	131	8.9	14.7	**14.9**	0.75	1.93	98	5.3	9.9	**8.4**	0.49	1.06	*C33-34*
Other thoracic organs	7	0.5	0.8	**0.8**	0.06	0.08	7	0.4	0.7	**0.5**	0.03	0.03	*C37-38*
Bone	10	0.7	1.1	**1.1**	0.07	0.10	13	0.7	1.3	**1.2**	0.08	0.08	*C40-41*
Melanoma of skin	27	1.8	3.0	**3.2**	0.17	0.43	36	2.0	3.6	**3.1**	0.16	0.33	*C43*
Other skin	54		6.0	**5.7**	0.21	0.57	53		5.3	**4.2**	0.14	0.47	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	9	0.6	1.0	**0.9**	0.07	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	18	1.2	2.0	**2.0**	0.12	0.21	18	1.0	1.8	**1.8**	0.10	0.18	*C47+C49*
Breast	5	0.3	0.6	**0.6**	0.04	0.09	379	20.7	38.2	**32.2**	2.42	3.57	*C50*
Vulva							5	0.3	0.5	**0.3**	0.01	0.01	*C51*
Vagina							5	0.3	0.5	**0.5**	0.03	0.07	*C52*
Cervix uteri							225	12.3	22.7	**19.5**	1.47	2.13	*C53*
Corpus uteri							67	3.7	6.7	**6.2**	0.46	0.86	*C54*
Uterus unspecified							9	0.5	0.9	**0.9**	0.10	0.10	*C55*
Ovary							70	3.8	7.1	**6.1**	0.45	0.68	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							1	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	20	1.4	2.2	**2.2**	0.10	0.29							*C60*
Prostate	292	19.8	32.7	**32.0**	1.03	4.07							*C61*
Testis	33	2.2	3.7	**3.4**	0.26	0.26							*C62*
Other male genital organs	1	0.1	0.1	**0.1**	0.01	0.01							*C63*
Kidney	27	1.8	3.0	**3.2**	0.19	0.33	27	1.5	2.7	**2.4**	0.14	0.28	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.1	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	50	3.4	5.6	**5.2**	0.24	0.55	14	0.8	1.4	**1.2**	0.05	0.18	*C67*
Other urinary organs	2	0.1	0.2	**0.2**	0.02	0.02	1	0.1	0.1	**0.1**	0.00	0.00	*C68*
Eye	4	0.3	0.4	**0.6**	0.03	0.03	4	0.2	0.4	**0.4**	0.02	0.02	*C69*
Brain, nervous system	35	2.4	3.9	**3.8**	0.32	0.32	23	1.3	2.3	**2.2**	0.12	0.23	*C70-72*
Thyroid	33	2.2	3.7	**3.6**	0.22	0.44	140	7.6	14.1	**12.1**	0.94	1.18	*C73*
Adrenal gland	1	0.1	0.1	**0.2**	0.01	0.01	3	0.2	0.3	**0.4**	0.03	0.03	*C74*
Other endocrine	2	0.1	0.2	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	32	2.2	3.6	**3.4**	0.24	0.27	19	1.0	1.9	**1.7**	0.12	0.18	*C81*
Non-Hodgkin lymphoma	72	4.9	8.1	**7.9**	0.47	0.88	63	3.4	6.3	**5.4**	0.31	0.64	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	9	0.6	1.0	**1.0**	0.07	0.14	15	0.8	1.5	**1.3**	0.05	0.18	*C90*
Lymphoid leukaemia	28	1.9	3.1	**3.2**	0.16	0.23	26	1.4	2.6	**2.7**	0.12	0.25	*C91*
Myeloid leukaemia	18	1.2	2.0	**1.9**	0.16	0.16	26	1.4	2.6	**2.4**	0.15	0.18	*C92-94*
Leukaemia unspecified	3	0.2	0.3	**0.3**	0.02	0.02	2	0.1	0.2	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	2	0.1	0.2	**0.3**	0.00	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	75	5.1	8.4	**8.1**	0.44	0.93	77	4.2	7.8	**6.7**	0.33	0.72	*O&U*
All sites	1530		171.2	**168.4**	8.54	19.60	1887		190.1	**162.1**	10.43	18.11	*C00-96*
All sites except C44	1476	100.0	165.2	**162.7**	8.33	19.03	1834	100.0	184.7	**157.9**	10.29	17.64	*C00-96 exc. C44*

Colombia, Pasto

REGISTRATION AREA

The Cancer Registry of Pasto covers the population of Pasto (the capital city of the department of Nariño), located in the southern Andean region of Colombia. At the 2005 census, the population was 383 000, with 82% living in urban areas. The majority of residents are Mestizo (of mixed Spanish and Amerindian ancestry), and most of the population is of the Roman Catholic religion.

CANCER CARE FACILITIES

Most Colombians are covered by the national health system, through two social security regimes: a contributive regime for workers and their families (who can afford to pay) and a subsidized regime for the poor. Both regimes are affiliated with health maintenance organizations (HMOs), which administer the provision of health services through contracts with health care institutions and providers. The major cancer facilities in Pasto are six cytology and pathology laboratories, three hospitals with radiotherapy and chemotherapy services, and five oncology units.

REGISTRY STRUCTURE AND METHODS

The registry was created in 1998 (conceived as a permanent research project) at the University of Nariño's Center for Health Studies, in collaboration with the Municipal Health Secretariat. The registry is endorsed by the university's ethics committee and receives resources from the university. It is cosponsored by the Instituto Nacional de Cancerología (INC) in Bogotá. It also receives technical advice from the Cali Cancer Registry. The registry staff includes a director, a pathologist, a statistician, an assistant director, a computer engineer, a quality control technician, a coordinator, and two registrars. Information is actively collected from 39 sources consisting of hospitals, oncology units, pathology laboratories, specialized clinics, and the Municipal Health Secretariat, which is responsible for mortality information. Rare cases are addressed by the scientific committee, composed of specialists. Recently, through INC, the registration's completeness and validity have been significantly improved.

USE OF THE DATA

The purpose of the registry is to provide cancer incidence data for decision-making and for the implementation of promotion and prevention activities. To date, the registry has published cancer incidence rates for the period from 1998 to 2002. The registry has also supported epidemiological studies on cervical, colorectal, and gastric cancers, as well as childhood cancers.

CONTRIBUTORS

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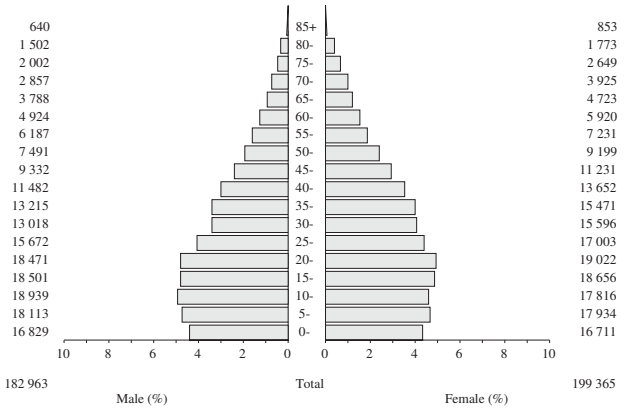
Colombia, Pasto (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2005 census carried out by the Colombian National Administrative Department of Statistics (DANE), making allowances for births and deaths. It was not possible to estimate migration into and out of the registration area.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	32.5	Cervix uteri	27.4
Prostate	27.0	Breast	26.8
Non-Hodgkin lymphoma	9.7	Stomach	15.9
Trachea, bronchus and lung	7.3	Thyroid	8.4
Other and unspecified	5.0	Ovary	7.1
Brain, nervous system	5.0	Non-Hodgkin lymphoma	6.4
Pancreas	4.6	Other and unspecified	6.1
Testis	4.1	Pancreas	5.4
Colon	4.1	Gallbladder etc.	5.1
Connective and soft tissue	4.1	Corpus uteri	4.7
All sites	144.4	All sites	153.3

Colombia, Pasto (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.1	0.1	**0.2**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	2	0.2	0.2	**0.3**	0.03	0.03	9	0.6	0.9	**0.9**	0.04	0.12	*C01-02*
Mouth	1	0.1	0.1	**0.2**	0.00	0.03	4	0.3	0.4	**0.4**	0.02	0.04	*C03-06*
Salivary glands	6	0.5	0.7	**0.8**	0.04	0.10	7	0.5	0.7	**0.7**	0.06	0.09	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	2	0.2	0.2	**0.2**	0.02	0.02	1	0.1	0.1	**0.1**	0.00	0.00	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	23	2.1	2.5	**3.0**	0.12	0.41	13	0.9	1.3	**1.3**	0.03	0.10	*C15*
Stomach	250	22.3	27.3	**32.5**	1.42	3.77	161	10.8	16.2	**15.9**	0.73	1.68	*C16*
Small intestine	5	0.4	0.5	**0.6**	0.04	0.06	3	0.2	0.3	**0.3**	0.01	0.04	*C17*
Colon	31	2.8	3.4	**4.1**	0.24	0.48	40	2.7	4.0	**3.9**	0.23	0.40	*C18*
Rectum	25	2.2	2.7	**3.2**	0.15	0.42	35	2.3	3.5	**3.6**	0.22	0.43	*C19-20*
Anus	2	0.2	0.2	**0.3**	0.04	0.04	8	0.5	0.8	**0.8**	0.04	0.10	*C21*
Liver	28	2.5	3.1	**3.7**	0.16	0.47	32	2.1	3.2	**3.0**	0.11	0.38	*C22*
Gallbladder etc.	20	1.8	2.2	**2.7**	0.13	0.44	48	3.2	4.8	**5.1**	0.20	0.62	*C23-24*
Pancreas	35	3.1	3.8	**4.6**	0.12	0.49	53	3.5	5.3	**5.4**	0.14	0.61	*C25*
Nose, sinuses etc.	2	0.2	0.2	**0.3**	0.02	0.04	3	0.2	0.3	**0.3**	0.01	0.01	*C30-31*
Larynx	16	1.4	1.7	**2.2**	0.15	0.29	1	0.1	0.1	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	58	5.2	6.3	**7.3**	0.29	0.83	37	2.5	3.7	**3.8**	0.18	0.54	*C33-34*
Other thoracic organs	4	0.4	0.4	**0.5**	0.02	0.08	3	0.2	0.3	**0.2**	0.01	0.01	*C37-38*
Bone	7	0.6	0.8	**0.9**	0.04	0.11	7	0.5	0.7	**0.6**	0.05	0.05	*C40-41*
Melanoma of skin	16	1.4	1.7	**2.1**	0.10	0.25	30	2.0	3.0	**3.1**	0.18	0.35	*C43*
Other skin	12		1.3	**1.6**	0.11	0.23	10		1.0	**1.1**	0.04	0.10	*C44*
Mesothelioma	2	0.2	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.1	0.1	**0.1**	0.01	0.01	1	0.1	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	32	2.9	3.5	**4.1**	0.24	0.39	15	1.0	1.5	**1.6**	0.11	0.18	*C47+C49*
Breast	2	0.2	0.2	**0.2**	0.00	0.03	255	17.0	25.6	**26.8**	2.14	3.03	*C50*
Vulva							5	0.3	0.5	**0.6**	0.04	0.09	*C51*
Vagina							0	0.0	0.0	**0.0**	0.00	0.00	*C52*
Cervix uteri							271	18.1	27.2	**27.4**	1.98	3.04	*C53*
Corpus uteri							45	3.0	4.5	**4.7**	0.33	0.56	*C54*
Uterus unspecified							1	0.1	0.1	**0.1**	0.01	0.01	*C55*
Ovary							70	4.7	7.0	**7.1**	0.54	0.77	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							4	0.3	0.4	**0.3**	0.02	0.02	*C58*
Penis	11	1.0	1.2	**1.4**	0.06	0.14							*C60*
Prostate	203	18.1	22.2	**27.0**	0.84	3.15							*C61*
Testis	42	3.7	4.6	**4.1**	0.30	0.30							*C62*
Other male genital organs	1	0.1	0.1	**0.1**	0.01	0.01							*C63*
Kidney	15	1.3	1.6	**1.7**	0.12	0.15	13	0.9	1.3	**1.4**	0.10	0.10	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	27	2.4	3.0	**3.6**	0.20	0.45	14	0.9	1.4	**1.5**	0.06	0.18	*C67*
Other urinary organs	1	0.1	0.1	**0.1**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.00	*C68*
Eye	1	0.1	0.1	**0.2**	0.00	0.03	6	0.4	0.6	**0.6**	0.05	0.05	*C69*
Brain, nervous system	44	3.9	4.8	**5.0**	0.38	0.51	27	1.8	2.7	**2.8**	0.18	0.27	*C70-72*
Thyroid	18	1.6	2.0	**2.4**	0.15	0.26	87	5.8	8.7	**8.4**	0.59	0.85	*C73*
Adrenal gland	1	0.1	0.1	**0.2**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	1	0.1	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	8	0.7	0.9	**1.0**	0.06	0.12	7	0.5	0.7	**0.7**	0.06	0.06	*C81*
Non-Hodgkin lymphoma	76	6.8	8.3	**9.7**	0.55	1.19	62	4.1	6.2	**6.4**	0.37	0.81	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	8	0.7	0.9	**0.9**	0.05	0.11	19	1.3	1.9	**2.1**	0.19	0.23	*C90*
Lymphoid leukaemia	28	2.5	3.1	**3.0**	0.16	0.20	20	1.3	2.0	**2.3**	0.07	0.17	*C91*
Myeloid leukaemia	17	1.5	1.9	**2.1**	0.15	0.26	9	0.6	0.9	**0.9**	0.07	0.09	*C92-94*
Leukaemia unspecified	4	0.4	0.4	**0.5**	0.02	0.06	5	0.3	0.5	**0.5**	0.03	0.06	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	2	0.2	0.2	**0.3**	0.00	0.03	3	0.2	0.3	**0.3**	0.00	0.02	*MDS*
Other and unspecified	42	3.7	4.6	**5.0**	0.21	0.56	62	4.1	6.2	**6.1**	0.25	0.71	*O&U*
All sites	1133		123.9	**144.4**	6.75	16.57	1507		151.2	**153.3**	9.53	17.01	*C00-96*
All sites except C44	1121	100.0	122.5	**142.8**	6.64	16.34	1497	100.0	150.2	**152.2**	9.49	16.92	*C00-96 exc. C44*

Costa Rica

REGISTRATION AREA

The Costa Rica National Tumor Registry covers the entire country, which has an area of 51 100 km^2. At the 2000 census, the population was 3.8 million (1.9 million males and 1.9 million females), with 59% living in urban areas. The main ethnic group is Caucasian–Natives, and there are smaller proportions of Blacks, Natives, Chinese, and Caucasian–Blacks.

CANCER CARE FACILITIES

The national social security system covers more than 90% of the population and is organized in three levels. Patients suspected to have cancer are referred to the second and third (specialized) levels. The social security system includes 29 hospitals, five of which have an oncology department. There are four radiotherapy departments in Costa Rica – two public and two private.

REGISTRY STRUCTURE AND METHODS

The registry was founded in December 1976 by executive order, and nationwide coverage was achieved in 1980. Its objectives are to collect data on cancer incidence and mortality by age, sex, tumour site, and geographical distribution. The registry is part of the Unit of Monitoring Health Indicators within the Bureau of Health Surveillance at the Ministry of Health, which provides financial support. The registry has three full-time technicians, who are supported by medical staff members, epidemiologists, and public health specialists. There is also an evaluation team, which conducts visits to hospitals and private clinics to check the quality of information. The registry's data sources consist of biopsy reports with a diagnosis of cancer from all pathology services, death certificates, hospital discharge information, and mortality databases from the National Statistics Department. The registry is fully computerized and uses databases from the National Civil Registry to complete information. The level of underreporting is low, due to the characteristics of the health system and the vital statistics system.

USE OF THE DATA

Costa Rica has made significant efforts to establish early detection programmes for cancer, particularly for breast, cervical, stomach, colon, prostate, and skin cancers. The registry information is used in cancer control decision-making at several levels, and is also used for research and teaching purposes.

CONTRIBUTORS

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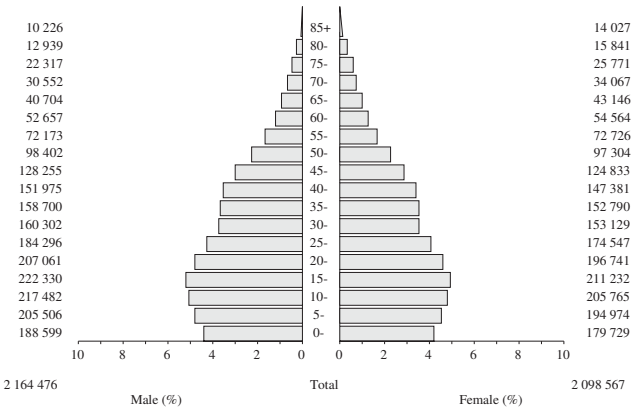
Costa Rica (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on official population estimates and projections from the Costa Rican National Institute of Statistics and Censuses (INEC).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	53.9	Non-melanoma skin cancer	40.8
Non-melanoma skin cancer	45.8	Breast	39.6
Stomach	26.5	Stomach	15.0
Trachea, bronchus and lung	10.5	Cervix uteri	13.9
Other and unspecified	10.2	Thyroid	12.6
Colon	9.4	Colon	9.4
Non-Hodgkin lymphoma	6.7	Other and unspecified	8.9
Liver	5.6	Corpus uteri	7.2
Bladder	5.4	Ovary	5.5
Rectum	5.2	Non-Hodgkin lymphoma	5.4
All sites	228.4	All sites	202.5

Costa Rica (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	80	0.5	0.7	**0.9**	0.05	0.09	56	0.3	0.5	**0.6**	0.03	0.06	*C01-02*
Mouth	100	0.6	0.9	**1.2**	0.06	0.15	45	0.3	0.4	**0.5**	0.03	0.05	*C03-06*
Salivary glands	67	0.4	0.6	**0.7**	0.04	0.08	48	0.3	0.5	**0.4**	0.02	0.04	*C07-08*
Tonsil	46	0.3	0.4	**0.5**	0.03	0.06	13	0.1	0.1	**0.1**	0.01	0.02	*C09*
Other oropharynx	16	0.1	0.1	**0.2**	0.01	0.02	5	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	97	0.6	0.9	**0.9**	0.07	0.09	36	0.2	0.3	**0.3**	0.02	0.03	*C11*
Hypopharynx	35	0.2	0.3	**0.4**	0.02	0.05	6	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	16	0.1	0.1	**0.2**	0.01	0.01	5	0.0	0.0	**0.1**	0.00	0.01	*C14*
Oesophagus	189	1.1	1.7	**2.2**	0.07	0.27	63	0.4	0.6	**0.6**	0.01	0.05	*C15*
Stomach	2380	14.4	22.0	**26.5**	1.15	3.05	1512	9.4	14.4	**15.0**	0.72	1.65	*C16*
Small intestine	66	0.4	0.6	**0.7**	0.04	0.08	54	0.3	0.5	**0.6**	0.03	0.06	*C17*
Colon	854	5.2	7.9	**9.4**	0.48	1.04	950	5.9	9.1	**9.4**	0.46	1.02	*C18*
Rectum	465	2.8	4.3	**5.2**	0.29	0.61	402	2.5	3.8	**4.1**	0.24	0.46	*C19-20*
Anus	44	0.3	0.4	**0.5**	0.03	0.06	56	0.3	0.5	**0.6**	0.05	0.07	*C21*
Liver	505	3.1	4.7	**5.6**	0.23	0.62	349	2.2	3.3	**3.4**	0.11	0.38	*C22*
Gallbladder etc.	160	1.0	1.5	**1.8**	0.08	0.21	289	1.8	2.8	**2.9**	0.12	0.31	*C23-24*
Pancreas	402	2.4	3.7	**4.5**	0.16	0.52	373	2.3	3.6	**3.7**	0.13	0.42	*C25*
Nose, sinuses etc.	34	0.2	0.3	**0.4**	0.02	0.04	26	0.2	0.2	**0.3**	0.01	0.03	*C30-31*
Larynx	263	1.6	2.4	**3.0**	0.13	0.36	25	0.2	0.2	**0.3**	0.02	0.03	*C32*
Trachea, bronchus and lung	934	5.7	8.6	**10.5**	0.39	1.19	453	2.8	4.3	**4.7**	0.21	0.57	*C33-34*
Other thoracic organs	44	0.3	0.4	**0.4**	0.03	0.04	9	0.1	0.1	**0.1**	0.00	0.01	*C37-38*
Bone	94	0.6	0.9	**0.9**	0.06	0.08	66	0.4	0.6	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	234	1.4	2.2	**2.5**	0.16	0.29	221	1.4	2.1	**2.2**	0.13	0.22	*C43*
Other skin	4140		38.3	**45.8**	2.10	5.17	4071		38.8	**40.8**	2.11	4.53	*C44*
Mesothelioma	13	0.1	0.1	**0.2**	0.01	0.02	5	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	53	0.3	0.5	**0.5**	0.03	0.04	9	0.1	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	188	1.1	1.7	**1.9**	0.13	0.20	163	1.0	1.6	**1.6**	0.10	0.15	*C47+C49*
Breast	36	0.2	0.3	**0.4**	0.02	0.03	3845	23.8	36.6	**39.6**	2.88	4.51	*C50*
Vulva							92	0.6	0.9	**0.9**	0.05	0.10	*C51*
Vagina							25	0.2	0.2	**0.2**	0.01	0.03	*C52*
Cervix uteri							1465	9.1	14.0	**13.9**	1.06	1.40	*C53*
Corpus uteri							658	4.1	6.3	**7.2**	0.46	0.88	*C54*
Uterus unspecified							65	0.4	0.6	**0.6**	0.04	0.07	*C55*
Ovary							546	3.4	5.2	**5.5**	0.36	0.61	*C56*
Other female genital organs							23	0.1	0.2	**0.2**	0.02	0.03	*C57*
Placenta							5	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	110	0.7	1.0	**1.2**	0.07	0.14							*C60*
Prostate	4567	27.7	42.2	**53.9**	1.94	6.67							*C61*
Testis	409	2.5	3.8	**3.4**	0.23	0.25							*C62*
Other male genital organs	13	0.1	0.1	**0.1**	0.01	0.01							*C63*
Kidney	359	2.2	3.3	**4.1**	0.27	0.50	230	1.4	2.2	**2.4**	0.14	0.28	*C64*
Renal pelvis	6	0.0	0.1	**0.1**	0.00	0.01	6	0.0	0.1	**0.1**	0.00	0.01	*C65*
Ureter	4	0.0	0.0	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	486	2.9	4.5	**5.4**	0.18	0.60	149	0.9	1.4	**1.5**	0.05	0.17	*C67*
Other urinary organs	5	0.0	0.0	**0.0**	0.00	0.00	6	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	75	0.5	0.7	**0.8**	0.04	0.08	27	0.2	0.3	**0.3**	0.01	0.01	*C69*
Brain, nervous system	359	2.2	3.3	**3.7**	0.23	0.36	260	1.6	2.5	**2.6**	0.15	0.26	*C70-72*
Thyroid	215	1.3	2.0	**2.1**	0.15	0.21	1343	8.3	12.8	**12.6**	1.01	1.23	*C73*
Adrenal gland	12	0.1	0.1	**0.1**	0.01	0.01	13	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	8	0.0	0.1	**0.1**	0.00	0.01	4	0.0	0.0	**0.0**	0.00	0.01	*C75*
Hodgkin lymphoma	205	1.2	1.9	**1.9**	0.13	0.16	156	1.0	1.5	**1.4**	0.09	0.12	*C81*
Non-Hodgkin lymphoma	646	3.9	6.0	**6.7**	0.38	0.72	530	3.3	5.1	**5.4**	0.31	0.61	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	111	0.7	1.0	**1.3**	0.06	0.16	94	0.6	0.9	**1.0**	0.06	0.13	*C90*
Lymphoid leukaemia	290	1.8	2.7	**3.0**	0.15	0.22	259	1.6	2.5	**2.8**	0.14	0.20	*C91*
Myeloid leukaemia	212	1.3	2.0	**2.2**	0.11	0.21	155	1.0	1.5	**1.6**	0.10	0.16	*C92-94*
Leukaemia unspecified	32	0.2	0.3	**0.3**	0.02	0.04	25	0.2	0.2	**0.3**	0.02	0.02	*C95*
Myeloproliferative disorders	4	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	8	0.0	0.1	**0.1**	0.00	0.00	7	0.0	0.1	**0.1**	0.01	0.01	*MDS*
Other and unspecified	941	5.7	8.7	**10.2**	0.45	1.08	900	5.6	8.6	**8.9**	0.41	0.98	*O&U*
All sites	20634		190.7	**228.4**	10.33	25.94	20202		192.5	**202.5**	12.02	22.07	*C00-96*
All sites except C44	16494	100.0	152.4	**182.6**	8.23	20.77	16131	100.0	153.7	**161.8**	9.91	17.54	*C00-96 exc. C44*

§Includes 100 cases of unknown age

§Includes 81 cases of unknown age

Cuba, Villa Clara

REGISTRATION AREA

The Villa Clara Cancer Registry is part of the National Cancer Registry (NCR) of Cuba. The registry was created in 1994 and covers the population of Villa Clara Province, which has an area of 8413 km^2. At the 2011 census, the province's population was 798 000, representing 7% of the total population of Cuba. The male-to-female ratio is 1.01:1, and 74% of the population lives in urban areas.

CANCER CARE FACILITIES

The public health system provides free universal coverage at all levels, based on extended primary care. Oncology services are available, with a total of 22 oncologists in the area. The oncology unit of the Provincial University Hospital provides specialized diagnosis and treatment through radiotherapy, chemotherapy, oncological surgery, and nuclear medicine services. There is also a haematology–oncology unit in the Paediatric Hospital.

REGISTRY STRUCTURE AND METHODS

Cancer has been a reportable disease in Cuba since mandatory reporting was first legislated in 1986. The registry's data processing, coding, and database maintenance are performed under contract with the Central Offices of the NCR. Data collection is passive, consisting of receiving reports from hospitals. In the provincial health statistics department, the reports are double-checked to detect any possible duplicates. All data are rigorously computer-checked for validity and consistency, and routine checks are regularly conducted on the files. Data quality is assured by matching pathology reports with hospital registrations for cases in which diagnosis was based on histological confirmation. Other data sources include details of all death certificates. The Villa Clara Cancer Registry adheres to IACR definitions and coding recommendations. All data were coded using ICD-O-1 until 2007, when the registry switched to ICD-O-3.

USE OF THE DATA

The registry produces regular statistical reports and overviews of its accumulated data. The information is used to monitor disease burden, to assess the impact of cancer control efforts, and as a resource for cancer research.

CONTRIBUTORS

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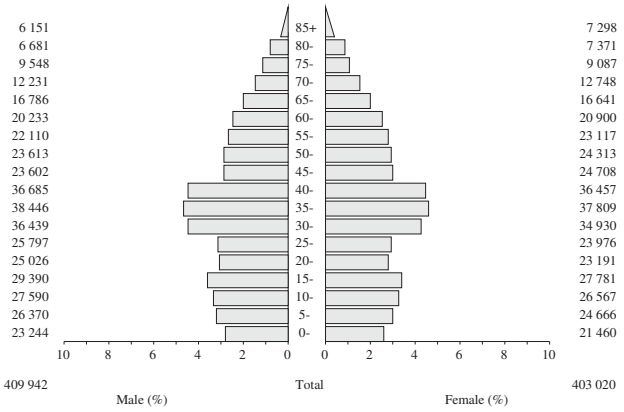
Cuba, Villa Clara (2004-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2012 census carried out by the Cuban National Office of Statistics (ONE; http://www.one.cu/aec2012.htm).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	39.1	Breast	32.4
Non-melanoma skin cancer	25.1	Trachea, bronchus and lung	18.9
Prostate	24.2	Non-melanoma skin cancer	18.2
Larynx	13.1	Colon	11.0
Colon	10.6	Cervix uteri	10.6
Bladder	8.3	Thyroid	7.7
Stomach	8.0	Corpus uteri	7.1
Non-Hodgkin lymphoma	7.8	Other and unspecified	7.0
Other and unspecified	7.0	Ovary	5.4
Brain, nervous system	5.1	Non-Hodgkin lymphoma	5.2
All sites	203.8	All sites	172.8

Cuba, Villa Clara (2004-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	36	0.8	2.2	**1.5**	0.10	0.17	11	0.3	0.7	**0.5**	0.03	0.06	*C00*
Tongue	52	1.1	3.2	**2.1**	0.15	0.23	16	0.4	1.0	**0.5**	0.01	0.06	*C01-02*
Mouth	48	1.0	2.9	**2.0**	0.12	0.26	25	0.6	1.6	**0.9**	0.03	0.11	*C03-06*
Salivary glands	24	0.5	1.5	**0.9**	0.05	0.09	18	0.5	1.1	**0.6**	0.04	0.06	*C07-08*
Tonsil	20	0.4	1.2	**0.9**	0.05	0.11	11	0.3	0.7	**0.4**	0.03	0.05	*C09*
Other oropharynx	16	0.3	1.0	**0.5**	0.04	0.05	3	0.1	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	13	0.3	0.8	**0.6**	0.06	0.06	5	0.1	0.3	**0.2**	0.01	0.03	*C11*
Hypopharynx	19	0.4	1.2	**0.8**	0.04	0.10	1	0.0	0.1	**0.0**	0.00	0.01	*C12-13*
Pharynx unspecified	14	0.3	0.9	**0.6**	0.04	0.07	3	0.1	0.2	**0.1**	0.01	0.02	*C14*
Oesophagus	117	2.5	7.1	**4.4**	0.22	0.54	30	0.8	1.9	**1.0**	0.05	0.13	*C15*
Stomach	206	4.5	12.6	**8.0**	0.42	0.89	119	3.1	7.4	**3.9**	0.16	0.46	*C16*
Small intestine	17	0.4	1.0	**0.7**	0.03	0.09	8	0.2	0.5	**0.3**	0.02	0.03	*C17*
Colon	295	6.4	18.0	**10.6**	0.45	1.18	341	8.8	21.2	**11.0**	0.46	1.18	*C18*
Rectum	124	2.7	7.6	**4.7**	0.26	0.54	115	3.0	7.1	**4.3**	0.23	0.47	*C19-20*
Anus	13	0.3	0.8	**0.6**	0.04	0.06	20	0.5	1.2	**0.8**	0.05	0.11	*C21*
Liver	102	2.2	6.2	**3.6**	0.17	0.39	96	2.5	6.0	**3.3**	0.15	0.32	*C22*
Gallbladder etc.	32	0.7	2.0	**1.1**	0.04	0.14	40	1.0	2.5	**1.4**	0.06	0.16	*C23-24*
Pancreas	127	2.7	7.7	**4.4**	0.20	0.48	114	2.9	7.1	**3.9**	0.14	0.44	*C25*
Nose, sinuses etc.	20	0.4	1.2	**0.9**	0.05	0.10	16	0.4	1.0	**0.7**	0.05	0.05	*C30-31*
Larynx	315	6.8	19.2	**13.1**	0.81	1.68	38	1.0	2.4	**1.5**	0.10	0.15	*C32*
Trachea, bronchus and lung	1022	22.1	62.3	**39.1**	2.21	4.67	501	12.9	31.1	**18.9**	1.07	2.12	*C33-34*
Other thoracic organs	18	0.4	1.1	**0.8**	0.07	0.08	16	0.4	1.0	**0.6**	0.04	0.08	*C37-38*
Bone	36	0.8	2.2	**1.8**	0.10	0.14	22	0.6	1.4	**1.1**	0.07	0.11	*C40-41*
Melanoma of skin	39	0.8	2.4	**1.6**	0.10	0.18	41	1.1	2.5	**1.8**	0.13	0.19	*C43*
Other skin	645		39.3	**25.1**	1.40	2.99	486		30.1	**18.2**	1.07	1.97	*C44*
Mesothelioma	4	0.1	0.2	**0.1**	0.01	0.01	5	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	3	0.1	0.2	**0.1**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	49	1.1	3.0	**2.3**	0.15	0.24	40	1.0	2.5	**1.7**	0.10	0.16	*C47+C49*
Breast	13	0.3	0.8	**0.5**	0.04	0.06	780	20.0	48.4	**32.4**	2.24	3.64	*C50*
Vulva							29	0.7	1.8	**1.0**	0.05	0.11	*C51*
Vagina							4	0.1	0.2	**0.1**	0.01	0.01	*C52*
Cervix uteri							230	5.9	14.3	**10.6**	0.85	1.01	*C53*
Corpus uteri							174	4.5	10.8	**7.1**	0.46	0.86	*C54*
Uterus unspecified							38	1.0	2.4	**1.5**	0.12	0.14	*C55*
Ovary							115	3.0	7.1	**5.4**	0.38	0.58	*C56*
Other female genital organs							3	0.1	0.2	**0.1**	0.01	0.01	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	41	0.9	2.5	**1.6**	0.11	0.18							*C60*
Prostate	741	16.0	45.2	**24.2**	0.61	2.89							*C61*
Testis	12	0.3	0.7	**0.6**	0.03	0.06							*C62*
Other male genital organs	2	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	83	1.8	5.1	**3.6**	0.27	0.43	67	1.7	4.2	**3.1**	0.20	0.32	*C64*
Renal pelvis	2	0.0	0.1	**0.1**	0.00	0.01	6	0.2	0.4	**0.1**	0.01	0.01	*C65*
Ureter	2	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C66*
Bladder	235	5.1	14.3	**8.3**	0.33	0.96	74	1.9	4.6	**2.5**	0.11	0.26	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	33	0.7	2.0	**1.3**	0.09	0.13	13	0.3	0.8	**0.5**	0.03	0.07	*C69*
Brain, nervous system	106	2.3	6.5	**5.1**	0.33	0.53	83	2.1	5.1	**3.7**	0.22	0.39	*C70-72*
Thyroid	28	0.6	1.7	**1.5**	0.10	0.15	158	4.1	9.8	**7.7**	0.61	0.70	*C73*
Adrenal gland	4	0.1	0.2	**0.2**	0.01	0.02	3	0.1	0.2	**0.1**	0.01	0.02	*C74*
Other endocrine	3	0.1	0.2	**0.1**	0.00	0.01	1	0.0	0.1	**0.0**	0.01	0.01	*C75*
Hodgkin lymphoma	41	0.9	2.5	**2.1**	0.15	0.18	30	0.8	1.9	**1.4**	0.09	0.12	*C81*
Non-Hodgkin lymphoma	172	3.7	10.5	**7.8**	0.44	0.77	126	3.2	7.8	**5.2**	0.27	0.62	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	42	0.9	2.6	**1.7**	0.08	0.21	35	0.9	2.2	**1.3**	0.07	0.15	*C90*
Lymphoid leukaemia	38	0.8	2.3	**1.8**	0.09	0.15	21	0.5	1.3	**1.0**	0.05	0.09	*C91*
Myeloid leukaemia	48	1.0	2.9	**2.1**	0.14	0.21	30	0.8	1.9	**1.4**	0.09	0.13	*C92-94*
Leukaemia unspecified	25	0.5	1.5	**1.0**	0.06	0.12	26	0.7	1.6	**1.1**	0.06	0.13	*C95*
Myeloproliferative disorders	1	0.0	0.1	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	169	3.7	10.3	**7.0**	0.39	0.88	190	4.9	11.8	**7.0**	0.35	0.80	*O&U*
All sites	5267		321.2	**203.8**	10.69	23.49	4381		271.8	**172.8**	10.46	18.77	*C00-96*
All sites except C44	4622	100.0	281.9	**178.7**	9.28	20.50	3895	100.0	241.6	**154.6**	9.39	16.80	*C00-96 exc. C44*

§Includes 5 cases of unknown age

§Includes 3 cases of unknown age

Ecuador, Cuenca

REGISTRATION AREA

The Cuenca Tumor Registry covers the population of Cuenca Canton (which has an area of about 120 km^2). About 73% of residents live in urban areas. Cuenca Canton is located 2550 m above sea level. The average temperature of the area is 15 °C.

CANCER CARE FACILITIES

The main cancer care facility in the area is the Institute of Cancer SOLCA-Cuenca.

REGISTRY STRUCTURE AND METHODS

The registry began operating in November 1996. Its staff consists of a coordinator and two registrars. The registry gathers information from hospitals, clinics, pathology laboratories, the Institute of Cancer SOLCA-Cuenca, and the National Institute of Statistics and Census. The registry receives technical assistance from the National Cancer Registry in Quito and also cooperates with public health institutions, private pathology laboratories, and doctors in private practice. Data are actively collected from nine pathologists and haematologists, seven hospitals, and 36 clinics and private practices. Quality assurance is performed through internal consistency analysis, the establishment and verification of the data with the primary source, and the use of IARC tools and software.

USE OF THE DATA

The registry publishes its results in an incidence report that is distributed to public health authorities, institutions, health professionals, and the general public. Five such reports have been published to date. This published information is intended to serve as a reliable reference for policy-making, planning, and public health programmes, and as a basis for epidemiological and clinical research. It is also a source of information for the development of presentations by professionals.

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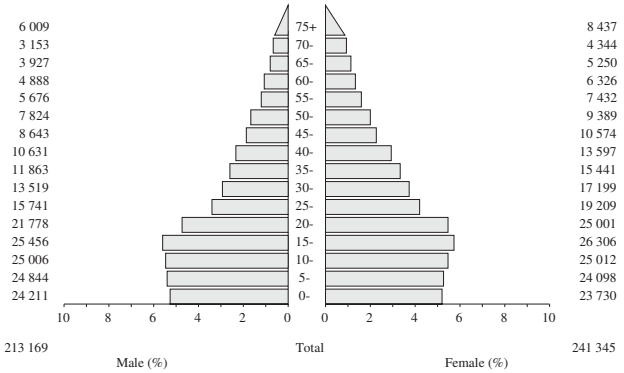
Ecuador, Cuenca (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on regional projections for 2001–2010 from the 2001 census, provided by the Ecuadorian National Institute of Statistics and Census (INEC), making allowances for migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	34.7	Breast	25.1
Stomach	20.2	Non-melanoma skin cancer	21.0
Non-melanoma skin cancer	16.7	Cervix uteri	19.4
Non-Hodgkin lymphoma	7.2	Stomach	14.4
Other and unspecified	5.5	Thyroid	11.5
Trachea, bronchus and lung	5.0	Non-Hodgkin lymphoma	8.6
Brain, nervous system	3.9	Other and unspecified	5.2
Bladder	3.7	Ovary	5.1
Colon	3.6	Liver	5.1
Pancreas	3.5	Colon	4.7
All sites	139.9	All sites	160.0

Ecuador, Cuenca (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.1**	0.01	0.01	*C00*
Tongue	5	0.4	0.5	**0.6**	0.02	0.08	6	0.4	0.5	**0.5**	0.01	0.07	*C01-02*
Mouth	2	0.2	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C03-06*
Salivary glands	4	0.3	0.4	**0.5**	0.01	0.06	5	0.3	0.4	**0.5**	0.03	0.03	*C07-08*
Tonsil	2	0.2	0.2	**0.2**	0.02	0.02	1	0.1	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	12	1.0	1.1	**1.4**	0.08	0.14	6	0.4	0.5	**0.5**	0.02	0.07	*C15*
Stomach	188	16.4	17.6	**20.2**	0.93	2.30	184	11.5	15.2	**14.4**	0.60	1.61	*C16*
Small intestine	5	0.4	0.5	**0.6**	0.03	0.06	6	0.4	0.5	**0.6**	0.02	0.09	*C17*
Colon	31	2.7	2.9	**3.6**	0.19	0.42	59	3.7	4.9	**4.7**	0.27	0.51	*C18*
Rectum	13	1.1	1.2	**1.4**	0.05	0.19	26	1.6	2.2	**2.4**	0.15	0.27	*C19-20*
Anus	2	0.2	0.2	**0.2**	0.00	0.03	2	0.1	0.2	**0.2**	0.00	0.04	*C21*
Liver	29	2.5	2.7	**3.5**	0.14	0.46	61	3.8	5.1	**5.1**	0.24	0.65	*C22*
Gallbladder etc.	18	1.6	1.7	**1.9**	0.09	0.21	55	3.4	4.6	**4.7**	0.24	0.56	*C23-24*
Pancreas	30	2.6	2.8	**3.5**	0.16	0.40	42	2.6	3.5	**3.6**	0.15	0.46	*C25*
Nose, sinuses etc.	5	0.4	0.5	**0.6**	0.04	0.09	3	0.2	0.2	**0.3**	0.03	0.05	*C30-31*
Larynx	11	1.0	1.0	**1.3**	0.11	0.14	4	0.2	0.3	**0.4**	0.03	0.05	*C32*
Trachea, bronchus and lung	47	4.1	4.4	**5.0**	0.24	0.57	29	1.8	2.4	**2.2**	0.11	0.24	*C33-34*
Other thoracic organs	6	0.5	0.6	**0.7**	0.05	0.08	3	0.2	0.2	**0.3**	0.03	0.03	*C37-38*
Bone	14	1.2	1.3	**1.1**	0.04	0.07	5	0.3	0.4	**0.4**	0.03	0.03	*C40-41*
Melanoma of skin	20	1.7	1.9	**2.2**	0.13	0.22	30	1.9	2.5	**2.2**	0.12	0.16	*C43*
Other skin	147		13.8	**16.7**	0.95	1.94	254		21.0	**21.0**	1.12	2.34	*C44*
Mesothelioma	1	0.1	0.1	**0.1**	0.01	0.01	4	0.2	0.3	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	2	0.2	0.2	**0.2**	0.01	0.04	1	0.1	0.1	**0.1**	0.00	0.02	*C46*
Connective and soft tissue	18	1.6	1.7	**2.2**	0.13	0.26	21	1.3	1.7	**1.8**	0.09	0.17	*C47+C49*
Breast	1	0.1	0.1	**0.1**	0.00	0.00	267	16.7	22.1	**25.1**	1.91	2.61	*C50*
Vulva							9	0.6	0.7	**0.6**	0.00	0.06	*C51*
Vagina							5	0.3	0.4	**0.4**	0.01	0.06	*C52*
Cervix uteri							214	13.4	17.7	**19.4**	1.44	2.00	*C53*
Corpus uteri							23	1.4	1.9	**2.3**	0.19	0.29	*C54*
Uterus unspecified							22	1.4	1.8	**1.6**	0.06	0.17	*C55*
Ovary							55	3.4	4.6	**5.1**	0.34	0.59	*C56*
Other female genital organs							1	0.1	0.1	**0.1**	0.00	0.02	*C57*
Placenta							1	0.1	0.1	**0.1**	0.00	0.00	*C58*
Penis	1	0.1	0.1	**0.1**	0.01	0.01							*C60*
Prostate	333	29.0	31.2	**34.7**	1.27	3.97							*C61*
Testis	25	2.2	2.3	**2.4**	0.17	0.20							*C62*
Other male genital organs	2	0.2	0.2	**0.3**	0.01	0.03							*C63*
Kidney	21	1.8	2.0	**2.5**	0.15	0.26	23	1.4	1.9	**2.1**	0.10	0.29	*C64*
Renal pelvis	3	0.3	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	32	2.8	3.0	**3.7**	0.11	0.52	16	1.0	1.3	**1.3**	0.06	0.15	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	5	0.4	0.5	**0.4**	0.02	0.02	3	0.2	0.2	**0.2**	0.00	0.00	*C69*
Brain, nervous system	35	3.1	3.3	**3.9**	0.25	0.41	28	1.7	2.3	**2.2**	0.12	0.20	*C70-72*
Thyroid	21	1.8	2.0	**2.3**	0.10	0.27	126	7.9	10.4	**11.5**	0.86	1.25	*C73*
Adrenal gland	1	0.1	0.1	**0.1**	0.00	0.00	1	0.1	0.1	**0.0**	0.00	0.00	*C74*
Other endocrine	1	0.1	0.1	**0.2**	0.02	0.02	2	0.1	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	6	0.5	0.6	**0.5**	0.02	0.02	10	0.6	0.8	**0.7**	0.04	0.06	*C81*
Non-Hodgkin lymphoma	64	5.6	6.0	**7.2**	0.40	0.87	100	6.2	8.3	**8.6**	0.43	1.04	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	18	1.6	1.7	**2.0**	0.11	0.20	15	0.9	1.2	**1.4**	0.11	0.17	*C90*
Lymphoid leukaemia	31	2.7	2.9	**2.7**	0.15	0.15	24	1.5	2.0	**2.2**	0.09	0.19	*C91*
Myeloid leukaemia	19	1.7	1.8	**1.9**	0.12	0.15	26	1.6	2.2	**2.2**	0.14	0.22	*C92-94*
Leukaemia unspecified	13	1.1	1.2	**1.2**	0.07	0.09	9	0.6	0.7	**0.8**	0.05	0.05	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	2	0.2	0.2	**0.2**	0.00	0.03	2	0.1	0.2	**0.1**	0.00	0.00	*MDS*
Other and unspecified	47	4.1	4.4	**5.5**	0.22	0.75	65	4.1	5.4	**5.2**	0.29	0.53	*O&U*
All sites	1294		121.4	**139.9**	6.68	15.80	1855		153.7	**160.0**	9.59	17.48	*C00-96*
All sites except C44	1147	100.0	107.6	**123.3**	5.72	13.86	1601	100.0	132.7	**139.0**	8.47	15.14	*C00-96 exc. C44*

Ecuador, Quito

REGISTRATION AREA

The National Cancer Registry covers the population of Quito (the capital city of Ecuador), situated 2810 m above sea level. Most of the population is Mestizo (of mixed Spanish and Amerindian ancestry). The registry is funded by a private organization: Sociedad de Lucha contra el Cáncer del Ecuador (SOLCA).

CANCER CARE FACILITIES

The city's health care facilities include nine general hospitals run by the social security system and the Ministry of Health, three private hospitals, and 50 private clinics. Most of the human and technological resources for the diagnosis and treatment of cancer are concentrated in the city. Approximately one third of patients are treated at the oncological hospital belonging to SOLCA. The city has five radiotherapy units, 80 pathologists, and several haematologists.

REGISTRY STRUCTURE AND METHODS

The registry staff consists of a director (who specializes in epidemiology), an epidemiologist, and four full-time registrars. Data collection is active, and the registry's primary data sources are pathology reports from public and private laboratories, medical records, hospital discharge records, and death certificates. The 80 pathologists in the city collaborate voluntarily and enthusiastically with the registry. There is systematic control for duplicate cases, as well as validation of the information through quality and consistency checks. Death certificates are matched with registered cases to update the information. The registry is part of the National Statistical System; and as such, it is subject to all applicable rules of confidentiality. The registry has promoted the creation of cancer registries in other Ecuadorian cities, and monitors their activities; there are now registries in the cities of Guayaquil, Cuenca, Portoviejo, Loja, and Machala.

USE OF THE DATA

The registry information is regularly used by Ecuadorian researchers, and is an important source of data for project monitoring and cervical cancer screening. The National Cancer Registry publishes its data on a regular basis. To date, 14 publications have been released, the most recent of which reported on cancer incidence in Quito during the period from 2003 to 2005.

CONTRIBUTORS

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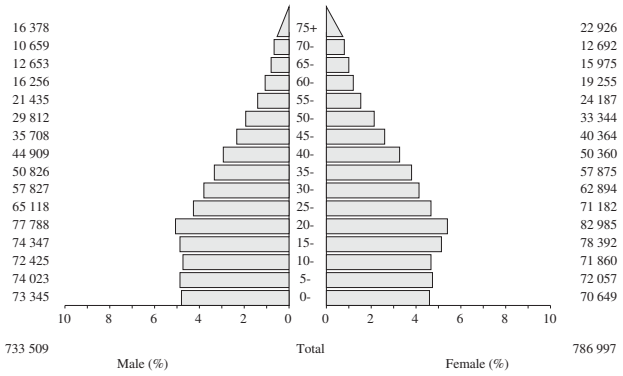
Ecuador, Quito (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on regional projections for 2001–2010 from the 2001 census, provided by the Ecuadorian National Institute of Statistics and Census (INEC), making allowances for migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	54.2	Breast	38.0
Non-melanoma skin cancer	41.0	Non-melanoma skin cancer	34.4
Stomach	23.7	Cervix uteri	20.2
Non-Hodgkin lymphoma	11.7	Thyroid	17.6
Trachea, bronchus and lung	8.3	Stomach	15.0
Colon	7.3	Non-Hodgkin lymphoma	9.5
Other and unspecified	5.6	Ovary	7.9
Bladder	5.4	Colon	7.8
Testis	4.9	Gallbladder etc.	7.7
Liver	4.8	Other and unspecified	6.7
All sites	222.1	All sites	221.9

Ecuador, Quito (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	4	0.1	0.1	**0.1**	0.01	0.01	*C00*
Tongue	13	0.2	0.4	**0.4**	0.02	0.04	26	0.4	0.7	**0.6**	0.03	0.07	*C01-02*
Mouth	8	0.1	0.2	**0.3**	0.02	0.03	19	0.3	0.5	**0.5**	0.04	0.05	*C03-06*
Salivary glands	17	0.3	0.5	**0.5**	0.03	0.04	26	0.4	0.7	**0.7**	0.04	0.08	*C07-08*
Tonsil	6	0.1	0.2	**0.2**	0.01	0.04	3	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	6	0.1	0.2	**0.2**	0.01	0.03	1	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	5	0.1	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	71	1.3	1.9	**2.2**	0.07	0.21	23	0.3	0.6	**0.7**	0.03	0.08	*C15*
Stomach	712	13.1	19.4	**23.7**	1.11	2.56	580	8.6	14.7	**15.0**	0.62	1.67	*C16*
Small intestine	25	0.5	0.7	**0.8**	0.05	0.08	34	0.5	0.9	**0.9**	0.04	0.07	*C17*
Colon	223	4.1	6.1	**7.3**	0.35	0.80	286	4.2	7.3	**7.8**	0.41	0.87	*C18*
Rectum	112	2.1	3.1	**4.0**	0.23	0.45	111	1.6	2.8	**2.9**	0.16	0.28	*C19-20*
Anus	5	0.1	0.1	**0.2**	0.00	0.02	25	0.4	0.6	**0.7**	0.03	0.08	*C21*
Liver	140	2.6	3.8	**4.8**	0.20	0.55	142	2.1	3.6	**3.7**	0.14	0.40	*C22*
Gallbladder etc.	129	2.4	3.5	**4.6**	0.25	0.51	266	3.9	6.8	**7.7**	0.40	0.94	*C23-24*
Pancreas	90	1.7	2.5	**3.1**	0.12	0.37	137	2.0	3.5	**3.7**	0.16	0.43	*C25*
Nose, sinuses etc.	15	0.3	0.4	**0.5**	0.03	0.06	18	0.3	0.5	**0.4**	0.03	0.04	*C30-31*
Larynx	35	0.6	1.0	**1.2**	0.06	0.14	8	0.1	0.2	**0.2**	0.02	0.03	*C32*
Trachea, bronchus and lung	241	4.4	6.6	**8.3**	0.37	1.03	217	3.2	5.5	**6.2**	0.36	0.71	*C33-34*
Other thoracic organs	14	0.3	0.4	**0.4**	0.02	0.04	3	0.0	0.1	**0.1**	0.00	0.01	*C37-38*
Bone	44	0.8	1.2	**1.2**	0.07	0.12	45	0.7	1.1	**1.2**	0.07	0.11	*C40-41*
Melanoma of skin	105	1.9	2.9	**3.6**	0.17	0.43	138	2.0	3.5	**3.9**	0.24	0.44	*C43*
Other skin	1200		32.7	**41.0**	2.00	4.85	1303		33.1	**34.4**	1.61	3.66	*C44*
Mesothelioma	9	0.2	0.2	**0.3**	0.01	0.04	4	0.1	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	29	0.5	0.8	**0.8**	0.06	0.06	2	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	117	2.1	3.2	**3.6**	0.21	0.37	104	1.5	2.6	**2.9**	0.21	0.31	*C47+C49*
Breast	16	0.3	0.4	**0.6**	0.04	0.07	1309	19.4	33.3	**38.0**	2.89	4.30	*C50*
Vulva							28	0.4	0.7	**0.8**	0.03	0.10	*C51*
Vagina							15	0.2	0.4	**0.5**	0.03	0.05	*C52*
Cervix uteri							728	10.8	18.5	**20.2**	1.51	2.24	*C53*
Corpus uteri							164	2.4	4.2	**5.0**	0.34	0.61	*C54*
Uterus unspecified							42	0.6	1.1	**1.0**	0.06	0.08	*C55*
Ovary							280	4.1	7.1	**7.9**	0.58	0.85	*C56*
Other female genital organs							2	0.0	0.1	**0.1**	0.01	0.01	*C57*
Placenta							7	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	18	0.3	0.5	**0.6**	0.03	0.06							*C60*
Prostate	1550	28.4	42.3	**54.2**	1.85	6.81							*C61*
Testis	199	3.7	5.4	**4.9**	0.35	0.37							*C62*
Other male genital organs	9	0.2	0.2	**0.3**	0.02	0.03							*C63*
Kidney	119	2.2	3.2	**4.3**	0.26	0.50	98	1.5	2.5	**3.0**	0.20	0.37	*C64*
Renal pelvis	2	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.0	**0.0**	0.01	0.01	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	158	2.9	4.3	**5.4**	0.22	0.62	80	1.2	2.0	**2.2**	0.16	0.25	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.1	**0.1**	0.00	0.00	*C68*
Eye	36	0.7	1.0	**1.2**	0.05	0.12	33	0.5	0.8	**0.9**	0.04	0.09	*C69*
Brain, nervous system	141	2.6	3.8	**4.3**	0.30	0.43	142	2.1	3.6	**3.9**	0.27	0.35	*C70-72*
Thyroid	122	2.2	3.3	**3.9**	0.28	0.41	654	9.7	16.6	**17.6**	1.39	1.80	*C73*
Adrenal gland	4	0.1	0.1	**0.1**	0.01	0.01	8	0.1	0.2	**0.2**	0.02	0.02	*C74*
Other endocrine	2	0.0	0.1	**0.0**	0.00	0.00	2	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	49	0.9	1.3	**1.5**	0.12	0.14	19	0.3	0.5	**0.5**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	358	6.6	9.8	**11.7**	0.70	1.32	341	5.0	8.7	**9.5**	0.57	1.03	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	88	1.6	2.4	**3.0**	0.19	0.32	57	0.8	1.4	**1.8**	0.10	0.25	*C90*
Lymphoid leukaemia	131	2.4	3.6	**3.7**	0.20	0.26	148	2.2	3.8	**4.1**	0.23	0.33	*C91*
Myeloid leukaemia	86	1.6	2.3	**2.6**	0.15	0.22	99	1.5	2.5	**2.6**	0.15	0.25	*C92-94*
Leukaemia unspecified	22	0.4	0.6	**0.7**	0.05	0.08	17	0.3	0.4	**0.4**	0.03	0.05	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	4	0.1	0.1	**0.1**	0.00	0.00	*MPD*
Myelodysplastic syndromes	8	0.1	0.2	**0.2**	0.01	0.01	7	0.1	0.2	**0.2**	0.01	0.03	*MDS*
Other and unspecified	162	3.0	4.4	**5.6**	0.28	0.69	244	3.6	6.2	**6.7**	0.34	0.79	*O&U*
All sites	6652		181.4	**222.1**	10.59	25.34	8059		204.8	**221.9**	13.71	24.30	*C00-96*
All sites except C44	5452	100.0	148.7	**181.2**	8.59	20.50	6756	100.0	171.7	**187.5**	12.08	20.63	*C00-96 exc. C44*

§Includes 83 cases of unknown age

§Includes 96 cases of unknown age

France, Martinique

REGISTRATION AREA

The Martinique Cancer Registry covers the urban (98%) and rural (2%) population of the Caribbean island of Martinique, an overseas region of France.

CANCER CARE FACILITIES

The population is covered by national health insurance complemented by optional private insurance. Martinique's diagnostic and treatment facilities include two pathology laboratories, a haematology laboratory, two public hospitals with facilities located throughout the region – including a radiation oncology service at the CHR (Regional Hospital) – and two private clinics. There is centralized organized screening for breast, colorectal, and cervical cancers, and there is a National Cancer Plan and Programme at the regional and public health levels.

REGISTRY STRUCTURE AND METHODS

A legal framework has been established for the registration, confidentiality, and encryption of data, as well as for informed consent. Encrypted data are transmitted to the French network of cancer registries (FRANCIM). The registry is financed by the French Institute for Public Health Surveillance and the CHU (University Hospital) of Martinique in Fort-de-France. The registry staff includes a managing registrar, a registrar, a biostatistician, a clinical research coordinator, several clinical research associates, and two secretaries. Data collection is both passive and active. Data are received from the Sun Laboratory of Pathology and from health insurance coverage of long-term illness. Patient records are reviewed actively. Quality control procedures are performed as recommended by FRANCIM, in accordance with IARC Technical Report No. 19: *Comparability and Quality Control in Cancer Registration*. The consistency of the data is also checked as recommended by FRANCIM.

USE OF THE DATA

The registry publishes a report on cancer in Martinique every 5 years. Registry data are used for research and included in publications regarding specific issues. The information is also provided to health authorities and used to evaluate health services and the impact of organized screening programmes (particularly those for breast, colorectal, and cervical cancers). The registry's results are interpreted for a variety of purposes (with a special interest in health risks), such as measuring the impact of environmental pollutants (pesticides) on the incidence of cancer or in the workplace, and measuring the impact of new cancer treatments on survival.

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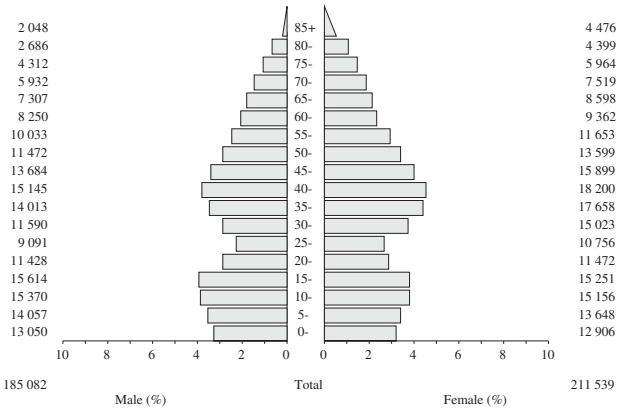
France, Martinique (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on information from the French National Institute of Statistics and Economic Studies (INSEE), estimated on an annual basis.

NOTES ON THE DATA

*No DCO registrations. †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	177.8	Breast	55.3
Stomach	15.2	Colon	12.9
Trachea, bronchus and lung	13.1	Cervix uteri	10.1
Colon	12.6	Corpus uteri	7.7
Rectum	7.1	Stomach	7.3
Multiple myeloma	6.9	Thyroid	6.5
Bladder	6.7	Trachea, bronchus and lung	6.2
Non-Hodgkin lymphoma	6.2	Multiple myeloma	5.4
Pancreas	5.3	Ovary	5.4
Oesophagus	4.8	Other and unspecified	4.6
All sites	314.8	All sites	158.6

*France, Martinique (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.0	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	23	0.5	2.5	**1.8**	0.12	0.19	4	0.1	0.4	**0.3**	0.02	0.03	*C01-02*
Mouth	42	0.9	4.5	**3.2**	0.17	0.44	8	0.3	0.8	**0.4**	0.03	0.05	*C03-06*
Salivary glands	8	0.2	0.9	**0.7**	0.04	0.08	7	0.3	0.7	**0.4**	0.03	0.03	*C07-08*
Tonsil	18	0.4	1.9	**1.4**	0.09	0.16	2	0.1	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	27	0.6	2.9	**2.1**	0.14	0.27	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	11	0.2	1.2	**1.0**	0.08	0.10	3	0.1	0.3	**0.2**	0.02	0.03	*C11*
Hypopharynx	25	0.6	2.7	**2.0**	0.14	0.25	2	0.1	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	12	0.3	1.3	**0.9**	0.06	0.11	1	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	65	1.5	7.0	**4.8**	0.28	0.57	13	0.5	1.2	**0.6**	0.02	0.07	*C15*
Stomach	231	5.2	25.0	**15.2**	0.61	1.66	167	6.2	15.8	**7.3**	0.26	0.77	*C16*
Small intestine	16	0.4	1.7	**1.1**	0.05	0.15	11	0.4	1.0	**0.6**	0.04	0.06	*C17*
Colon	191	4.3	20.6	**12.6**	0.52	1.36	240	8.9	22.7	**12.9**	0.76	1.39	*C18*
Rectum	94	2.1	10.2	**7.1**	0.43	0.90	93	3.4	8.8	**4.6**	0.24	0.47	*C19-20*
Anus	3	0.1	0.3	**0.2**	0.02	0.02	8	0.3	0.8	**0.3**	0.02	0.02	*C21*
Liver	47	1.1	5.1	**3.5**	0.15	0.45	37	1.4	3.5	**2.0**	0.09	0.23	*C22*
Gallbladder etc.	23	0.5	2.5	**1.6**	0.10	0.18	46	1.7	4.3	**2.3**	0.10	0.30	*C23-24*
Pancreas	82	1.8	8.9	**5.3**	0.21	0.60	73	2.7	6.9	**3.5**	0.15	0.40	*C25*
Nose, sinuses etc.	9	0.2	1.0	**0.7**	0.05	0.08	4	0.1	0.4	**0.2**	0.02	0.02	*C30-31*
Larynx	53	1.2	5.7	**3.8**	0.22	0.47	2	0.1	0.2	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	182	4.1	19.7	**13.1**	0.71	1.67	110	4.1	10.4	**6.2**	0.41	0.72	*C33-34*
Other thoracic organs	10	0.2	1.1	**0.8**	0.05	0.10	8	0.3	0.8	**0.5**	0.04	0.06	*C37-38*
Bone	10	0.2	1.1	**1.1**	0.06	0.08	6	0.2	0.6	**0.5**	0.03	0.05	*C40-41*
Melanoma of skin	27	0.6	2.9	**2.0**	0.10	0.22	25	0.9	2.4	**1.6**	0.12	0.18	*C43*
Other skin	4		0.4	**0.4**	0.03	0.03	2		0.2	**0.1**	0.01	0.02	*C44*
Mesothelioma	2	0.0	0.2	**0.2**	0.02	0.02	1	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	3	0.1	0.3	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	20	0.4	2.2	**1.8**	0.09	0.18	25	0.9	2.4	**1.8**	0.11	0.14	*C47+C49*
Breast	10	0.2	1.1	**0.7**	0.04	0.08	851	31.6	80.5	**55.3**	4.27	5.97	*C50*
Vulva							3	0.1	0.3	**0.2**	0.01	0.03	*C51*
Vagina							10	0.4	0.9	**0.5**	0.01	0.05	*C52*
Cervix uteri							165	6.1	15.6	**10.1**	0.69	1.01	*C53*
Corpus uteri							134	5.0	12.7	**7.7**	0.42	1.01	*C54*
Uterus unspecified							14	0.5	1.3	**0.7**	0.02	0.10	*C55*
Ovary							79	2.9	7.5	**5.4**	0.34	0.59	*C56*
Other female genital organs							4	0.1	0.4	**0.2**	0.02	0.02	*C57*
Placenta							2	0.1	0.2	**0.2**	0.02	0.02	*C58*
Penis	14	0.3	1.5	**0.9**	0.04	0.09							*C60*
Prostate	2595	58.0	280.4	**177.8**	7.44	23.34							*C61*
Testis	12	0.3	1.3	**1.4**	0.10	0.10							*C62*
Other male genital organs	2	0.0	0.2	**0.3**	0.02	0.02							*C63*
Kidney	38	0.8	4.1	**3.1**	0.19	0.35	20	0.7	1.9	**1.3**	0.09	0.11	*C64*
Renal pelvis	1	0.0	0.1	**0.1**	0.01	0.01	2	0.1	0.2	**0.1**	0.01	0.01	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*C66*
†Bladder	100	2.2	10.8	**6.7**	0.27	0.76	45	1.7	4.3	**1.8**	0.05	0.16	*C67*
Other urinary organs	5	0.1	0.5	**0.3**	0.01	0.04	2	0.1	0.2	**0.1**	0.01	0.01	*C68*
Eye	6	0.1	0.6	**0.6**	0.04	0.05	1	0.0	0.1	**0.1**	0.01	0.01	*C69*
Brain, nervous system	33	0.7	3.6	**2.8**	0.19	0.34	27	1.0	2.6	**2.1**	0.13	0.23	*C70-72*
Thyroid	26	0.6	2.8	**2.2**	0.17	0.21	90	3.3	8.5	**6.5**	0.57	0.69	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	2	0.0	0.2	**0.2**	0.02	0.02	2	0.1	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	13	0.3	1.4	**1.4**	0.08	0.10	12	0.4	1.1	**1.0**	0.07	0.08	*C81*
Non-Hodgkin lymphoma	84	1.9	9.1	**6.2**	0.37	0.75	45	1.7	4.3	**2.7**	0.18	0.29	*C82-85,C96*
Immunoproliferative diseases	4	0.1	0.4	**0.2**	0.00	0.02	2	0.1	0.2	**0.0**	0.00	0.00	*C88*
Multiple myeloma	100	2.2	10.8	**6.9**	0.39	0.78	108	4.0	10.2	**5.4**	0.29	0.61	*C90*
Lymphoid leukaemia	45	1.0	4.9	**3.9**	0.28	0.40	37	1.4	3.5	**2.6**	0.17	0.21	*C91*
Myeloid leukaemia	47	1.1	5.1	**3.5**	0.19	0.38	24	0.9	2.3	**1.4**	0.07	0.14	*C92-94*
Leukaemia unspecified	3	0.1	0.3	**0.2**	0.01	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	11	0.2	1.2	**0.8**	0.06	0.09	8	0.3	0.8	**0.5**	0.03	0.05	*MPD*
Myelodysplastic syndromes	21	0.5	2.3	**1.4**	0.05	0.13	24	0.9	2.3	**1.0**	0.04	0.09	*MDS*
Other and unspecified	69	1.5	7.5	**4.6**	0.26	0.45	87	3.2	8.2	**4.6**	0.25	0.47	*O&U*
All sites	4480		484.1	**314.8**	14.80	38.88	2699		255.2	**158.6**	10.33	17.06	*C00-96*
All sites except C44	4476	100.0	483.7	**314.4**	14.77	38.85	2697	100.0	255.0	**158.5**	10.32	17.04	*C00-96 exc. C44*

†*See note following population pyramid

Jamaica, Kingston and St Andrew

REGISTRATION AREA

The Caribbean island country of Jamaica has a total area of 11 424 km^2. At the 2011 census, the national population was 2.7 million. Jamaica's capital city is Kingston. The Jamaica Cancer Registry (Kingston and St Andrew) covers the adjacent parishes of Kingston and St Andrew (KSA), which have a combined area of 480 km^2 in the south-eastern region of the island and are jointly governed by the Kingston and St Andrew Corporation (KSAC). The registration of cancer cases in Jamaica is restricted to KSA, which is predominantly urban and accounts for 25% of the national population. The Jamaican population consists primarily of individuals of African ancestry (92.1%) but also includes individuals of East Indian, Chinese, European, and mixed ancestry.

CANCER CARE FACILITIES

The residents of KSA have widespread access to a range of general and specialist health care providers, including oncologists. Health insurance coverage is variable, predominating among the middle and upper income classes. Public health care does not require insurance coverage.

REGISTRY STRUCTURE AND METHODS

The registry is housed in the Department of Pathology at the University of the West Indies; its funding is provided solely from the department's university budget. The routine work of the registry is carried out by two research nurses who actively collect data from public, private, and university pathology laboratories; public and private hospitals; radiotherapy treatment facilities; and private practitioners. Cancer is not a legally reportable disease in Jamaica. Registry data are recorded on a cancer registration card, filed by site and year of diagnosis, and verified by the registry's pathologists. Cases are also filed alphabetically by patient name to avoid duplication. Cases are registered more than once only when there is more than one primary malignancy as confirmed by microscopy. All cases are coded and entered into an electronic database (CanReg5). The registry's limited human and capital resources prevent the routine follow-up of patients, and mortality data are not routinely collected.

USE OF THE DATA

The registry publishes regular 5-year cancer incidence reports, as well as papers dedicated to more detailed evaluations of the incidence and demographic trends of specific cancers.

CONTRIBUTORS

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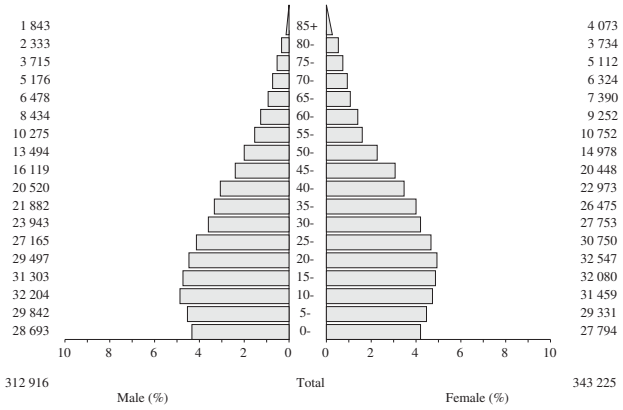
Jamaica, Kingston and St Andrew (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2001 census carried out by the Statistical Institute of Jamaica, making allowances for births and deaths. It was not possible to estimate migration into and out of the registration area.

NOTES ON THE DATA

*No official mortality data. No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	77.4	Breast	43.6
Trachea, bronchus and lung	18.6	Cervix uteri	17.2
Colon	11.9	Corpus uteri	10.8
Other and unspecified	10.0	Colon	8.7
Stomach	7.9	Other and unspecified	7.0
Non-Hodgkin lymphoma	6.3	Non-melanoma skin cancer	5.7
Non-melanoma skin cancer	6.2	Non-Hodgkin lymphoma	4.3
Rectum	4.7	Stomach	4.1
Multiple myeloma	4.4	Trachea, bronchus and lung	4.1
Larynx	4.2	Ovary	4.0
All sites	184.6	All sites	142.8

*Jamaica, Kingston and St Andrew (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	18	0.7	1.2	**1.3**	0.07	0.17	5	0.2	0.3	**0.4**	0.01	0.05	*C01-02*
Mouth	16	0.7	1.0	**1.2**	0.08	0.15	10	0.4	0.6	**0.6**	0.01	0.07	*C03-06*
Salivary glands	2	0.1	0.1	**0.1**	0.00	0.00	4	0.2	0.2	**0.3**	0.02	0.03	*C07-08*
Tonsil	6	0.2	0.4	**0.5**	0.02	0.07	2	0.1	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	3	0.1	0.2	**0.3**	0.01	0.05	1	0.0	0.1	**0.1**	0.00	0.02	*C10*
Nasopharynx	15	0.6	1.0	**1.1**	0.11	0.12	10	0.4	0.6	**0.7**	0.04	0.10	*C11*
Hypopharynx	7	0.3	0.4	**0.6**	0.06	0.08	2	0.1	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	1	0.0	0.1	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	32	1.3	2.0	**2.3**	0.08	0.29	19	0.8	1.1	**1.0**	0.03	0.12	*C15*
Stomach	107	4.4	6.8	**7.9**	0.37	1.05	73	3.1	4.3	**4.1**	0.17	0.54	*C16*
Small intestine	4	0.2	0.3	**0.3**	0.01	0.03	9	0.4	0.5	**0.6**	0.04	0.08	*C17*
Colon	167	6.8	10.7	**11.9**	0.52	1.49	158	6.8	9.2	**8.7**	0.45	1.06	*C18*
Rectum	63	2.6	4.0	**4.7**	0.22	0.61	58	2.5	3.4	**3.2**	0.19	0.33	*C19-20*
Anus	6	0.2	0.4	**0.4**	0.02	0.05	16	0.7	0.9	**1.0**	0.08	0.12	*C21*
Liver	18	0.7	1.2	**1.3**	0.08	0.18	13	0.6	0.8	**0.8**	0.06	0.09	*C22*
Gallbladder etc.	9	0.4	0.6	**0.7**	0.04	0.10	17	0.7	1.0	**1.0**	0.08	0.10	*C23-24*
Pancreas	34	1.4	2.2	**2.3**	0.10	0.24	43	1.9	2.5	**2.4**	0.10	0.30	*C25*
Nose, sinuses etc.	6	0.2	0.4	**0.4**	0.03	0.05	1	0.0	0.1	**0.1**	0.00	0.00	*C30-31*
Larynx	55	2.2	3.5	**4.2**	0.16	0.63	5	0.2	0.3	**0.3**	0.03	0.05	*C32*
Trachea, bronchus and lung	243	9.9	15.5	**18.6**	1.05	2.44	65	2.8	3.8	**4.1**	0.26	0.48	*C33-34*
Other thoracic organs	4	0.2	0.3	**0.3**	0.02	0.04	5	0.2	0.3	**0.3**	0.02	0.02	*C37-38*
Bone	7	0.3	0.4	**0.5**	0.02	0.06	7	0.3	0.4	**0.4**	0.02	0.06	*C40-41*
Melanoma of skin	9	0.4	0.6	**0.7**	0.06	0.08	10	0.4	0.6	**0.6**	0.02	0.09	*C43*
Other skin	86		5.5	**6.2**	0.41	0.68	102		5.9	**5.7**	0.32	0.63	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	2	0.1	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	28	1.1	1.8	**2.0**	0.10	0.21	33	1.4	1.9	**2.0**	0.17	0.20	*C47+C49*
Breast	6	0.2	0.4	**0.3**	0.00	0.00	732	31.5	42.7	**43.6**	3.18	4.86	*C50*
Vulva							8	0.3	0.5	**0.4**	0.03	0.04	*C51*
Vagina							3	0.1	0.2	**0.1**	0.00	0.02	*C52*
Cervix uteri							298	12.8	17.4	**17.2**	1.34	1.79	*C53*
Corpus uteri							168	7.2	9.8	**10.8**	0.66	1.52	*C54*
Uterus unspecified							6	0.3	0.3	**0.3**	0.04	0.04	*C55*
Ovary							68	2.9	4.0	**4.0**	0.30	0.40	*C56*
Other female genital organs							3	0.1	0.2	**0.2**	0.00	0.04	*C57*
Placenta							5	0.2	0.3	**0.3**	0.02	0.02	*C58*
Penis	18	0.7	1.2	**1.1**	0.05	0.10							*C60*
Prostate	1063	43.3	67.9	**77.4**	2.74	10.15							*C61*
Testis	3	0.1	0.2	**0.2**	0.01	0.01							*C62*
Other male genital organs	3	0.1	0.2	**0.2**	0.01	0.03							*C63*
Kidney	29	1.2	1.9	**2.0**	0.13	0.18	22	0.9	1.3	**1.4**	0.07	0.12	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C66*
Bladder	58	2.4	3.7	**4.1**	0.19	0.53	25	1.1	1.5	**1.4**	0.07	0.13	*C67*
Other urinary organs	1	0.0	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	3	0.1	0.2	**0.2**	0.02	0.02	6	0.3	0.3	**0.5**	0.03	0.03	*C69*
Brain, nervous system	16	0.7	1.0	**1.1**	0.07	0.09	28	1.2	1.6	**1.9**	0.16	0.17	*C70-72*
Thyroid	13	0.5	0.8	**0.9**	0.07	0.08	60	2.6	3.5	**3.3**	0.23	0.36	*C73*
Adrenal gland	2	0.1	0.1	**0.2**	0.01	0.01	1	0.0	0.1	**0.1**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	4	0.2	0.3	**0.2**	0.01	0.01	9	0.4	0.5	**0.4**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	90	3.7	5.8	**6.3**	0.45	0.67	76	3.3	4.4	**4.3**	0.29	0.44	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	60	2.4	3.8	**4.4**	0.26	0.51	49	2.1	2.9	**3.0**	0.15	0.42	*C90*
Lymphoid leukaemia	49	2.0	3.1	**3.4**	0.23	0.33	41	1.8	2.4	**2.7**	0.16	0.29	*C91*
Myeloid leukaemia	29	1.2	1.9	**1.9**	0.11	0.16	19	0.8	1.1	**1.1**	0.04	0.14	*C92-94*
Leukaemia unspecified	6	0.2	0.4	**0.4**	0.03	0.04	5	0.2	0.3	**0.3**	0.01	0.05	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	138	5.6	8.8	**10.0**	0.55	1.26	121	5.2	7.1	**7.0**	0.45	0.87	*O&U*
All sites	2539		162.3	**184.6**	8.59	23.08	2424		141.2	**142.8**	9.40	16.34	*C00-96*
All sites except C44	2453	100.0	156.8	**178.4**	8.19	22.40	2322	100.0	135.3	**137.1**	9.08	15.71	*C00-96 exc. C44*

§Includes 8 cases of unknown age

§Includes 9 cases of unknown age

*See note following population pyramid

USA, Puerto Rico

REGISTRATION AREA

The Puerto Rico Central Cancer Registry (PRCCR) covers all 78 municipalities of Puerto Rico, including the islands of Vieques and Culebra. About 40% of residents live in urban areas. In 2010, Puerto Rico had a population of approximately 3.7 million, primarily of Hispanic origin (98%).

CANCER CARE FACILITIES

Puerto Rico's medical facilities include hospitals, primary health centres, radiotherapy and chemotherapy facilities, surgical centres, physicians' offices, and pathology laboratories. Cancer patients are referred by primary and secondary care facilities to hospitals in the metropolitan areas of San Juan, Ponce, Mayagüez, and Fajardo. The main medical centre is located in the city of San Juan. An undetermined number of patients also seek medical care on the United States mainland.

REGISTRY STRUCTURE AND METHODS

The registry is located at the University of Puerto Rico Comprehensive Cancer Center and is financed by United States federal and state funds. Since 1997, the PRCCR has been part of the United States National Program of Cancer Registries (NPCR). The registry has 22 full-time employees and four units: Case Finding, Quality Control/Case Processing, Education and Training, and Information Technology. Cancer has been a reportable disease in Puerto Rico since 1951. In 2010, a new law was passed to increase the PRCCR's authority and formalize electronic reporting. Active case finding is performed in general and oncology hospitals, pathology laboratories, and the Vital Statistics Office. The death registration system is adequate and complete, and death certificates are required as a legal document. Currently, 95% of institutions report electronically.

INTERPRETING THE RESULTS

Estimating the number of undiagnosed or unregistered cases is difficult due to the high frequency of migration between Puerto Rico and the United States mainland. However, Puerto Rico has a wide range of diagnostic facilities, and the PRCCR has data exchange agreements with the states of Florida, New Jersey, New York, and Texas to help identify cases diagnosed and/or treated outside of Puerto Rico. Therefore, it is unlikely that many cases are missed. Data from the PRCCR are submitted annually for inclusion in United States cancer statistics reports.

USE OF THE DATA

The various uses of PRCCR data include programme planning and evaluation, research, cluster investigations, annual reports, and special reports. The PRCCR often participates in academic activities to disseminate and promote the use of the data among stakeholders. The PRCCR also collaborates in national and international projects.

CONTRIBUTORS

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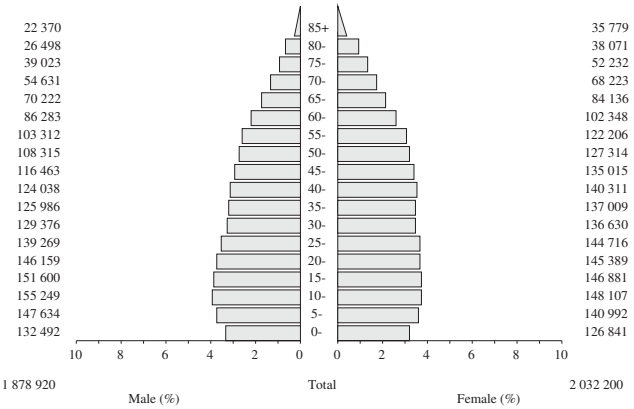
USA, Puerto Rico (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, making allowances for births and deaths. It was not possible to estimate migration into and out of Puerto Rico.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	105.6	Breast	55.3
Colon	22.6	Colon	16.4
Trachea, bronchus and lung	15.3	Thyroid	13.2
Rectum	9.8	Corpus uteri	12.2
Non-Hodgkin lymphoma	9.3	Cervix uteri	7.7
Bladder	9.1	Trachea, bronchus and lung	6.8
Stomach	7.2	Non-Hodgkin lymphoma	6.5
Liver	7.1	Rectum	5.6
Other and unspecified	6.6	Ovary	5.0
Kidney	5.3	Other and unspecified	4.5
All sites	257.8	All sites	174.5

USA, Puerto Rico (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	40	0.1	0.4	**0.3**	0.01	0.03	18	0.1	0.2	**0.1**	0.00	0.01	*C00*
Tongue	318	0.9	3.4	**2.5**	0.19	0.30	97	0.4	1.0	**0.6**	0.04	0.06	*C01-02*
Mouth	329	0.9	3.5	**2.6**	0.19	0.31	118	0.4	1.2	**0.7**	0.03	0.08	*C03-06*
Salivary glands	117	0.3	1.2	**0.9**	0.05	0.09	81	0.3	0.8	**0.6**	0.04	0.06	*C07-08*
Tonsil	157	0.5	1.7	**1.3**	0.10	0.15	29	0.1	0.3	**0.2**	0.01	0.03	*C09*
Other oropharynx	106	0.3	1.1	**0.8**	0.06	0.10	11	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	55	0.2	0.6	**0.5**	0.03	0.05	25	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	154	0.4	1.6	**1.2**	0.08	0.14	6	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	92	0.3	1.0	**0.7**	0.05	0.09	17	0.1	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	642	1.9	6.8	**4.7**	0.27	0.56	185	0.7	1.8	**0.9**	0.03	0.08	*C15*
Stomach	1078	3.1	11.5	**7.2**	0.31	0.80	765	2.9	7.5	**4.1**	0.19	0.44	*C16*
Small intestine	99	0.3	1.1	**0.7**	0.04	0.08	95	0.4	0.9	**0.5**	0.03	0.06	*C17*
Colon	3142	9.1	33.4	**22.6**	1.13	2.75	2858	10.7	28.1	**16.4**	0.88	1.92	*C18*
Rectum	1289	3.7	13.7	**9.8**	0.57	1.22	911	3.4	9.0	**5.6**	0.35	0.65	*C19-20*
Anus	79	0.2	0.8	**0.6**	0.04	0.07	166	0.6	1.6	**1.0**	0.06	0.12	*C21*
Liver	943	2.7	10.0	**7.1**	0.41	0.84	499	1.9	4.9	**2.7**	0.10	0.29	*C22*
Gallbladder etc.	131	0.4	1.4	**0.9**	0.04	0.12	232	0.9	2.3	**1.3**	0.06	0.16	*C23-24*
Pancreas	513	1.5	5.5	**3.6**	0.18	0.43	503	1.9	5.0	**2.6**	0.11	0.29	*C25*
Nose, sinuses etc.	54	0.2	0.6	**0.4**	0.02	0.05	36	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	668	1.9	7.1	**5.1**	0.32	0.66	74	0.3	0.7	**0.5**	0.03	0.05	*C32*
Trachea, bronchus and lung	2138	6.2	22.8	**15.3**	0.73	1.86	1220	4.6	12.0	**6.8**	0.31	0.82	*C33-34*
Other thoracic organs	38	0.1	0.4	**0.4**	0.02	0.03	27	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	106	0.3	1.1	**1.0**	0.06	0.08	89	0.3	0.9	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	233	0.7	2.5	**1.8**	0.11	0.22	214	0.8	2.1	**1.4**	0.09	0.14	*C43*
Other skin	129		1.4	**1.0**	0.06	0.09	101		1.0	**0.6**	0.04	0.05	*C44*
Mesothelioma	27	0.1	0.3	**0.2**	0.00	0.03	12	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	102	0.3	1.1	**0.9**	0.07	0.08	20	0.1	0.2	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	185	0.5	2.0	**1.5**	0.10	0.15	186	0.7	1.8	**1.4**	0.08	0.14	*C47+C49*
Breast	83	0.2	0.9	**0.6**	0.03	0.07	8061	30.2	79.3	**55.3**	4.02	6.35	*C50*
Vulva							200	0.7	2.0	**1.0**	0.04	0.12	*C51*
Vagina							110	0.4	1.1	**0.7**	0.04	0.08	*C52*
Cervix uteri							1013	3.8	10.0	**7.7**	0.57	0.77	*C53*
Corpus uteri							1786	6.7	17.6	**12.2**	0.88	1.46	*C54*
Uterus unspecified							135	0.5	1.3	**0.8**	0.05	0.09	*C55*
Ovary							744	2.8	7.3	**5.0**	0.34	0.54	*C56*
Other female genital organs							26	0.1	0.3	**0.2**	0.01	0.02	*C57*
Placenta							4	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	237	0.7	2.5	**1.8**	0.11	0.19							*C60*
Prostate	14610	42.2	155.5	**105.6**	4.87	13.80							*C61*
Testis	249	0.7	2.7	**2.6**	0.19	0.19							*C62*
Other male genital organs	12	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	652	1.9	6.9	**5.3**	0.33	0.64	410	1.5	4.0	**2.8**	0.17	0.31	*C64*
Renal pelvis	27	0.1	0.3	**0.2**	0.01	0.02	15	0.1	0.1	**0.1**	0.00	0.01	*C65*
Ureter	25	0.1	0.3	**0.2**	0.01	0.02	16	0.1	0.2	**0.1**	0.00	0.01	*C66*
Bladder	1362	3.9	14.5	**9.1**	0.36	1.05	480	1.8	4.7	**2.4**	0.10	0.26	*C67*
Other urinary organs	23	0.1	0.2	**0.2**	0.01	0.02	14	0.1	0.1	**0.1**	0.01	0.01	*C68*
Eye	69	0.2	0.7	**0.5**	0.04	0.05	46	0.2	0.5	**0.4**	0.02	0.03	*C69*
Brain, nervous system	396	1.1	4.2	**3.7**	0.23	0.36	372	1.4	3.7	**3.0**	0.19	0.28	*C70-72*
Thyroid	344	1.0	3.7	**3.1**	0.24	0.32	1642	6.2	16.2	**13.2**	1.04	1.29	*C73*
Adrenal gland	20	0.1	0.2	**0.2**	0.01	0.01	12	0.0	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	19	0.1	0.2	**0.2**	0.01	0.02	11	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	252	0.7	2.7	**2.4**	0.17	0.20	189	0.7	1.9	**1.6**	0.11	0.14	*C81*
Non-Hodgkin lymphoma	1189	3.4	12.7	**9.3**	0.58	1.00	1000	3.7	9.8	**6.5**	0.40	0.72	*C82-85,C96*
Immunoproliferative diseases	6	0.0	0.1	**0.0**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	414	1.2	4.4	**3.1**	0.17	0.40	392	1.5	3.9	**2.2**	0.11	0.27	*C90*
Lymphoid leukaemia	284	0.8	3.0	**2.5**	0.12	0.22	154	0.6	1.5	**1.4**	0.07	0.12	*C91*
Myeloid leukaemia	287	0.8	3.1	**2.4**	0.15	0.23	257	1.0	2.5	**1.8**	0.11	0.18	*C92-94*
Leukaemia unspecified	207	0.6	2.2	**1.5**	0.06	0.13	179	0.7	1.8	**1.1**	0.06	0.10	*C95*
Myeloproliferative disorders	64	0.2	0.7	**0.5**	0.03	0.05	52	0.2	0.5	**0.4**	0.03	0.04	*MPD*
Myelodysplastic syndromes	53	0.2	0.6	**0.4**	0.02	0.04	38	0.1	0.4	**0.2**	0.01	0.03	*MDS*
Other and unspecified	924	2.7	9.8	**6.6**	0.36	0.72	814	3.1	8.0	**4.5**	0.22	0.49	*O&U*
All sites	34772		370.1	**257.8**	13.35	31.16	26768		263.4	**174.5**	11.22	19.34	*C00-96*
All sites except C44	34643	100.0	368.8	**256.8**	13.29	31.07	26667	100.0	262.4	**173.8**	11.19	19.28	*C00-96 exc. C44*

§Includes 60 cases of unknown age

§Includes 51 cases of unknown age

Uruguay

REGISTRATION AREA

The National Cancer Registry of Uruguay has nationwide coverage (19 departments over an area of 176 065 km^2) of Uruguay's population of 3.4 million (47.8% male and 52.2% female). The population is mainly of Caucasian ethnicity (96.9%), and the majority of residents (95.1%) live in urban areas. In *Cancer Incidence in Five Continents, Volume III*, only information from the capital city (Montevideo) was published.

CANCER CARE FACILITIES

Approximately 95% of the population has full access to either the public health system (ASSE) or the private system. Cancer diagnosis, treatment (including surgery, radiation therapy, and drugs), follow-up, and palliative care are available to all users of both systems. There are more than 50 oncology services (half of them located in Montevideo) and eight radiation therapy services (four public, four private). In 2005, the National Cancer Control Program (PRONACCAN) was created to coordinate all actions against cancer.

REGISTRY STRUCTURE AND METHODS

The registry was created by law in 1984. Since 2002, it has been run within the framework of the Epidemiologic Surveillance Program (PVE) of Uruguay's Comisión Honoraria de Lucha contra el Cáncer. The registry staff is organized in three technical units and consists of 30 registrars, three administrative employees, and a director. Confidentiality agreements are signed by all staff members. Documents and databases are protected according to national and international guidelines. Data collection is mainly active, through incidence reports filed by the registrars in hospitals, laboratories, and other information sources. Death certificates are also available to the registry. Quality control procedures are performed both manually and automatically using IARC's and the registry's own software. Uruguay has screening programmes for colorectal, cervical, and breast cancers, although their coverage is still low. The significant number of older patients diagnosed at very advanced stages of disease results in high rates of non-microscopically-verified diagnosis.

USE OF THE DATA

Registry data are regularly reported in the publication *Incidence and Mortality Atlas: 5-Year Data*, and the registry provides its cooperation for various research projects and scientific publications. Specific reports are prepared in response to requests from clinicians, researchers, authorities, and the general public.

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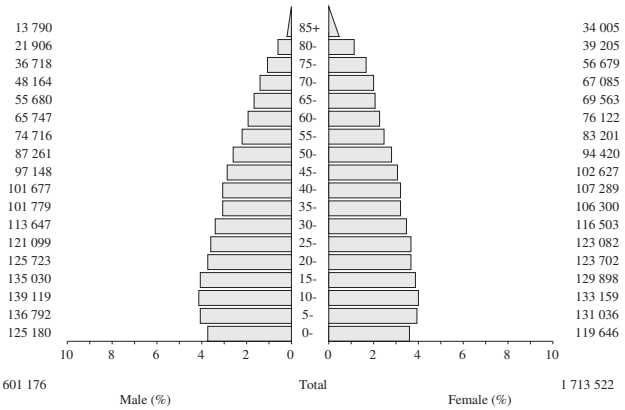
Uruguay (2005-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on projections from the 1996 national census and the 2004 partial census, provided by the Uruguayan National Institute of Statistics (INE; http://www.ine.gub.uy).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	60.1	Breast	67.6
Trachea, bronchus and lung	50.1	Non-melanoma skin cancer	26.3
Non-melanoma skin cancer	40.9	Colon	17.8
Colon	22.7	Cervix uteri	17.1
Other and unspecified	17.5	Other and unspecified	10.9
Bladder	15.8	Trachea, bronchus and lung	9.1
Stomach	14.3	Corpus uteri	8.9
Kidney	13.4	Ovary	8.4
Rectum	11.6	Rectum	6.8
Non-Hodgkin lymphoma	10.8	Thyroid	6.8
All sites	338.5	All sites	244.2

Uruguay (2005-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	19	0.1	0.4	**0.3**	0.02	0.02	10	0.1	0.2	**0.1**	0.00	0.00	*C00*
Tongue	146	0.7	3.0	**2.4**	0.17	0.29	52	0.3	1.0	**0.6**	0.03	0.06	*C01-02*
Mouth	138	0.7	2.9	**2.4**	0.18	0.29	49	0.3	1.0	**0.6**	0.04	0.07	*C03-06*
Salivary glands	38	0.2	0.8	**0.6**	0.04	0.05	34	0.2	0.7	**0.5**	0.03	0.04	*C07-08*
Tonsil	77	0.4	1.6	**1.4**	0.11	0.17	20	0.1	0.4	**0.3**	0.02	0.03	*C09*
Other oropharynx	33	0.2	0.7	**0.6**	0.04	0.07	7	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	38	0.2	0.8	**0.7**	0.04	0.08	16	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	92	0.5	1.9	**1.5**	0.09	0.19	8	0.0	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	25	0.1	0.5	**0.4**	0.03	0.05	6	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	596	3.0	12.4	**8.9**	0.44	1.06	281	1.6	5.5	**2.7**	0.13	0.30	*C15*
Stomach	960	4.9	20.0	**14.3**	0.72	1.65	648	3.7	12.6	**6.7**	0.36	0.71	*C16*
Small intestine	43	0.2	0.9	**0.7**	0.04	0.09	42	0.2	0.8	**0.5**	0.03	0.06	*C17*
Colon	1586	8.1	33.0	**22.7**	1.05	2.59	1759	9.9	34.2	**17.8**	0.92	1.97	*C18*
Rectum	780	4.0	16.2	**11.6**	0.55	1.42	630	3.6	12.3	**6.8**	0.37	0.78	*C19-20*
Anus	62	0.3	1.3	**0.9**	0.05	0.11	73	0.4	1.4	**0.8**	0.04	0.09	*C21*
Liver	197	1.0	4.1	**2.9**	0.13	0.37	91	0.5	1.8	**0.9**	0.05	0.10	*C22*
Gallbladder etc.	195	1.0	4.1	**2.8**	0.12	0.32	358	2.0	7.0	**3.6**	0.16	0.46	*C23-24*
Pancreas	623	3.2	13.0	**9.2**	0.47	1.12	641	3.6	12.5	**6.5**	0.30	0.74	*C25*
Nose, sinuses etc.	34	0.2	0.7	**0.5**	0.03	0.06	26	0.1	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	450	2.3	9.4	**7.2**	0.45	0.92	44	0.2	0.9	**0.5**	0.03	0.06	*C32*
Trachea, bronchus and lung	3193	16.2	66.5	**50.1**	2.94	6.42	731	4.1	14.2	**9.1**	0.61	1.09	*C33-34*
Other thoracic organs	46	0.2	1.0	**0.8**	0.05	0.08	38	0.2	0.7	**0.5**	0.03	0.05	*C37-38*
Bone	44	0.2	0.9	**0.9**	0.06	0.08	35	0.2	0.7	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	301	1.5	6.3	**4.6**	0.24	0.52	277	1.6	5.4	**3.6**	0.23	0.38	*C43*
Other skin	2878		59.9	**40.9**	1.84	4.55	2468		48.0	**26.3**	1.41	2.90	*C44*
Mesothelioma	19	0.1	0.4	**0.3**	0.01	0.03	10	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	25	0.1	0.5	**0.5**	0.04	0.04	7	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	115	0.6	2.4	**1.9**	0.12	0.21	102	0.6	2.0	**1.4**	0.09	0.14	*C47+C49*
Breast	50	0.3	1.0	**0.7**	0.03	0.08	5055	28.6	98.3	**67.6**	4.81	7.61	*C50*
Vulva							110	0.6	2.1	**1.0**	0.03	0.10	*C51*
Vagina							39	0.2	0.8	**0.4**	0.03	0.05	*C52*
Cervix uteri							1049	5.9	20.4	**17.1**	1.39	1.68	*C53*
Corpus uteri							701	4.0	13.6	**8.9**	0.60	1.07	*C54*
Uterus unspecified							116	0.7	2.3	**1.3**	0.08	0.14	*C55*
Ovary							626	3.5	12.2	**8.4**	0.56	0.93	*C56*
Other female genital organs							31	0.2	0.6	**0.4**	0.02	0.04	*C57*
Placenta							11	0.1	0.2	**0.2**	0.02	0.02	*C58*
Penis	96	0.5	2.0	**1.5**	0.10	0.18							*C60*
Prostate	4287	21.8	89.2	**60.1**	2.14	7.58							*C61*
Testis	269	1.4	5.6	**5.3**	0.40	0.41							*C62*
Other male genital organs	10	0.1	0.2	**0.1**	0.01	0.02							*C63*
Kidney	827	4.2	17.2	**13.4**	0.89	1.60	455	2.6	8.9	**5.7**	0.36	0.69	*C64*
Renal pelvis	19	0.1	0.4	**0.3**	0.02	0.04	6	0.0	0.1	**0.1**	0.00	0.01	*C65*
Ureter	8	0.0	0.2	**0.1**	0.01	0.02	6	0.0	0.1	**0.1**	0.01	0.01	*C66*
Bladder	1103	5.6	23.0	**15.8**	0.74	1.87	337	1.9	6.6	**3.3**	0.17	0.35	*C67*
Other urinary organs	13	0.1	0.3	**0.2**	0.01	0.02	9	0.1	0.2	**0.1**	0.01	0.01	*C68*
Eye	29	0.1	0.6	**0.6**	0.03	0.05	24	0.1	0.5	**0.4**	0.02	0.03	*C69*
Brain, nervous system	346	1.8	7.2	**6.2**	0.41	0.65	276	1.6	5.4	**4.0**	0.25	0.40	*C70-72*
Thyroid	91	0.5	1.9	**1.6**	0.13	0.17	412	2.3	8.0	**6.8**	0.53	0.66	*C73*
Adrenal gland	7	0.0	0.1	**0.2**	0.01	0.01	25	0.1	0.5	**0.4**	0.03	0.04	*C74*
Other endocrine	3	0.0	0.1	**0.1**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	89	0.5	1.9	**1.8**	0.12	0.14	91	0.5	1.8	**1.6**	0.10	0.13	*C81*
Non-Hodgkin lymphoma	647	3.3	13.5	**10.8**	0.69	1.18	544	3.1	10.6	**6.5**	0.36	0.74	*C82-85,C96*
Immunoproliferative diseases	3	0.0	0.1	**0.0**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	174	0.9	3.6	**2.6**	0.14	0.32	185	1.0	3.6	**1.9**	0.10	0.22	*C90*
Lymphoid leukaemia	177	0.9	3.7	**3.0**	0.14	0.25	133	0.8	2.6	**2.1**	0.10	0.17	*C91*
Myeloid leukaemia	190	1.0	4.0	**3.2**	0.18	0.34	175	1.0	3.4	**2.5**	0.15	0.25	*C92-94*
Leukaemia unspecified	37	0.2	0.8	**0.5**	0.03	0.06	57	0.3	1.1	**0.6**	0.03	0.06	*C95*
Myeloproliferative disorders	20	0.1	0.4	**0.3**	0.02	0.04	14	0.1	0.3	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	51	0.3	1.1	**0.8**	0.03	0.08	44	0.2	0.9	**0.6**	0.04	0.06	*MDS*
Other and unspecified	1234	6.3	25.7	**17.5**	0.80	1.96	1159	6.6	22.5	**10.9**	0.47	1.10	*O&U*
All sites	22533		469.1	**338.5**	17.11	39.95	20156		392.1	**244.2**	15.30	26.75	*C00-96*
All sites except C44	19655	100.0	409.2	**297.5**	15.27	35.40	17688	100.0	344.1	**217.9**	13.89	23.86	*C00-96 exc. C44*

§Includes 14 cases of unknown age

§Includes 7 cases of unknown age

Canada

REGISTRATION AREA

The Canadian Cancer Registry (CCR) covers all of Canada, the second largest country in the world, with an area of 9 984 670 km^2. The country consists of 10 provinces and three territories. At the 2011 census, the population of Canada was 34.5 million, with 22.7% of residents aged less than 20 years and 14.4% aged 65 years or more. Approximately 80% of residents live in urban areas, and almost one third of the population is concentrated in the metropolitan areas of Toronto, Montreal, and Vancouver. Canada is a multicultural society. At the 2006 census, members of visible minorities constituted 16.2% of the total population and the Aboriginal population constituted 3.8% of the total population. English is the mother tongue of 55.7% of the population, and French is the mother tongue of 21.6%.

REGISTRY STRUCTURE AND METHODS

Statistics Canada has collected population-based cancer incidence data since 1969. Since 1992, these data have been compiled in the person-oriented CCR, which replaced the event-oriented National Cancer Incidence Reporting System. The CCR provides the national incidence and survival information required for cancer control. The CCR is a dynamic database of all Canadian residents (living and dead) who have been diagnosed with cancer. It is a collaborative effort between Statistics Canada and the 13 Canadian provincial and territorial cancer registries. The CCR's purpose is to record standardized, comparable cancer incidence and survival data for each newly diagnosed primary cancer. The patient data are linked annually to the Canadian Human Mortality Database, so that the date, place, and cause of death for every cancer patient are eventually known. In addition to cancer incidence, the CCR also records patient characteristics as well as the nature and frequency of their tumours. The CCR uses specialized internal record linkage software for detecting duplicate records and for clearing death records.

INTERPRETING THE DATA

In Canada, health care delivery is under provincial/territorial jurisdiction. As a result, each province and territory determines which screening programmes to offer. Common screening initiatives include programmes for the detection of breast, cervical, and colorectal cancers.

USE OF THE DATA

The annual publication *Canadian Cancer Statistics* is a collaborative effort between governmental and nongovernmental organizations to produce current estimates and future projections of cancer incidence and survival. Research data centres provide researchers with access to the CCR microdata in a secure setting.

CONTRIBUTORS

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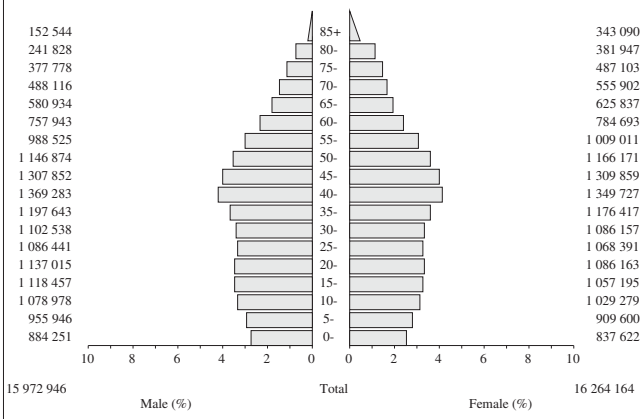
Canada (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	88.6	Breast	77.7
Trachea, bronchus and lung	48.0	Trachea, bronchus and lung	34.3
Colon	25.8	Colon	19.6
Bladder	18.9	Corpus uteri	15.4
Rectum	15.9	Thyroid	13.4
Non-Hodgkin lymphoma	14.4	Non-Hodgkin lymphoma	10.3
Kidney	10.5	Ovary	9.0
Melanoma of skin	10.0	Melanoma of skin	8.6
Other and unspecified	8.8	Rectum	8.3
Stomach	7.5	Other and unspecified	7.4
All sites	335.0	All sites	273.6

Canada (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	1255	0.3	1.6	**1.0**	0.05	0.11	395	0.1	0.5	**0.2**	0.01	0.02	*C00*
Tongue	2800	0.7	3.5	**2.4**	0.17	0.29	1307	0.4	1.6	**1.0**	0.06	0.11	*C01-02*
Mouth	1896	0.5	2.4	**1.6**	0.10	0.20	1415	0.4	1.7	**1.0**	0.05	0.11	*C03-06*
Salivary glands	1092	0.3	1.4	**0.9**	0.05	0.10	826	0.2	1.0	**0.7**	0.04	0.07	*C07-08*
Tonsil	1765	0.4	2.2	**1.6**	0.13	0.19	562	0.2	0.7	**0.4**	0.03	0.05	*C09*
Other oropharynx	479	0.1	0.6	**0.4**	0.03	0.05	159	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	762	0.2	1.0	**0.7**	0.05	0.08	361	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	904	0.2	1.1	**0.7**	0.04	0.10	173	0.0	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	394	0.1	0.5	**0.3**	0.02	0.04	157	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	5452	1.4	6.8	**4.4**	0.23	0.54	1912	0.5	2.4	**1.1**	0.05	0.13	*C15*
Stomach	9640	2.4	12.1	**7.5**	0.35	0.87	5401	1.5	6.6	**3.3**	0.16	0.36	*C16*
Small intestine	1579	0.4	2.0	**1.3**	0.07	0.15	1296	0.4	1.6	**0.9**	0.05	0.11	*C17*
Colon	33155	8.2	41.5	**25.8**	1.13	3.09	32161	8.7	39.5	**19.6**	0.89	2.26	*C18*
Rectum	19641	4.9	24.6	**15.9**	0.84	1.98	12396	3.4	15.2	**8.3**	0.45	0.98	*C19-20*
Anus	1114	0.3	1.4	**0.9**	0.06	0.11	1492	0.4	1.8	**1.1**	0.08	0.13	*C21*
Liver	5917	1.5	7.4	**4.9**	0.27	0.59	2515	0.7	3.1	**1.7**	0.08	0.19	*C22*
Gallbladder etc.	2226	0.6	2.8	**1.7**	0.07	0.20	2756	0.7	3.4	**1.7**	0.08	0.19	*C23-24*
Pancreas	9046	2.2	11.3	**7.1**	0.35	0.86	9474	2.6	11.7	**5.6**	0.24	0.64	*C25*
Nose, sinuses etc.	623	0.2	0.8	**0.5**	0.03	0.06	444	0.1	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	4495	1.1	5.6	**3.7**	0.21	0.48	982	0.3	1.2	**0.7**	0.04	0.10	*C32*
Trachea, bronchus and lung	61404	15.2	76.9	**48.0**	2.05	5.98	49474	13.4	60.8	**34.3**	1.83	4.37	*C33-34*
Other thoracic organs	540	0.1	0.7	**0.5**	0.03	0.05	415	0.1	0.5	**0.3**	0.02	0.04	*C37-38*
Bone	973	0.2	1.2	**1.1**	0.07	0.09	800	0.2	1.0	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	11737	2.9	14.7	**10.0**	0.62	1.12	10387	2.8	12.8	**8.6**	0.61	0.88	*C43*
Other skin	5754		7.2	**4.5**	0.22	0.49	5134		6.3	**3.4**	0.19	0.35	*C44*
Mesothelioma	1860	0.5	2.3	**1.4**	0.06	0.18	388	0.1	0.5	**0.3**	0.01	0.04	*C45*
Kaposi sarcoma	276	0.1	0.3	**0.2**	0.02	0.02	43	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	2833	0.7	3.5	**2.6**	0.15	0.25	2183	0.6	2.7	**1.9**	0.12	0.18	*C47+C49*
Breast	806	0.2	1.0	**0.6**	0.03	0.07	100437	27.2	123.5	**77.7**	5.57	8.96	*C50*
Vulva							2044	0.6	2.5	**1.4**	0.08	0.14	*C51*
Vagina							621	0.2	0.8	**0.4**	0.03	0.05	*C52*
Cervix uteri							6729	1.8	8.3	**6.1**	0.48	0.58	*C53*
Corpus uteri							19855	5.4	24.4	**15.4**	1.12	1.93	*C54*
Uterus unspecified							675	0.2	0.8	**0.4**	0.03	0.04	*C55*
Ovary							11953	3.2	14.7	**9.0**	0.60	1.02	*C56*
Other female genital organs							947	0.3	1.2	**0.7**	0.05	0.08	*C57*
Placenta							46	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	662	0.2	0.8	**0.5**	0.03	0.06							*C60*
Prostate	107358	26.6	134.4	**88.6**	4.37	11.81							*C61*
Testis	4124	1.0	5.2	**4.7**	0.35	0.36							*C62*
Other male genital organs	247	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	12363	3.1	15.5	**10.5**	0.65	1.23	7842	2.1	9.6	**5.8**	0.35	0.67	*C64*
Renal pelvis	627	0.2	0.8	**0.5**	0.02	0.06	519	0.1	0.6	**0.3**	0.01	0.04	*C65*
Ureter	553	0.1	0.7	**0.4**	0.02	0.05	348	0.1	0.4	**0.2**	0.01	0.02	*C66*
†Bladder	24778	6.1	31.0	**18.9**	0.77	2.20	8835	2.4	10.9	**5.5**	0.27	0.64	*C67*
Other urinary organs	927	0.2	1.2	**0.7**	0.03	0.09	334	0.1	0.4	**0.2**	0.01	0.02	*C68*
Eye	724	0.2	0.9	**0.7**	0.04	0.07	575	0.2	0.7	**0.6**	0.03	0.05	*C69*
Brain, nervous system	6827	1.7	8.5	**6.7**	0.42	0.68	5278	1.4	6.5	**4.8**	0.29	0.46	*C70-72*
Thyroid	3987	1.0	5.0	**3.8**	0.28	0.40	14053	3.8	17.3	**13.4**	1.07	1.28	*C73*
Adrenal gland	271	0.1	0.3	**0.4**	0.02	0.03	326	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	166	0.0	0.2	**0.2**	0.01	0.02	131	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	2429	0.6	3.0	**2.7**	0.19	0.22	1982	0.5	2.4	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	17035	4.2	21.3	**14.4**	0.82	1.61	14440	3.9	17.8	**10.3**	0.60	1.18	*C82-85,C96*
Immunoproliferative diseases	379	0.1	0.5	**0.3**	0.01	0.03	219	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	5299	1.3	6.6	**4.1**	0.20	0.48	4379	1.2	5.4	**2.8**	0.13	0.33	*C90*
Lymphoid leukaemia	7547	1.9	9.4	**7.1**	0.35	0.70	4924	1.3	6.1	**4.0**	0.19	0.38	*C91*
Myeloid leukaemia	4404	1.1	5.5	**3.8**	0.19	0.38	3614	1.0	4.4	**2.8**	0.16	0.28	*C92-94*
Leukaemia unspecified	740	0.2	0.9	**0.6**	0.02	0.05	740	0.2	0.9	**0.4**	0.02	0.04	*C95*
Myeloproliferative disorders	2372	0.6	3.0	**1.9**	0.09	0.22	2571	0.7	3.2	**1.7**	0.08	0.18	*MPD*
Myelodysplastic syndromes	2993	0.7	3.7	**2.1**	0.05	0.20	2321	0.6	2.9	**1.2**	0.03	0.11	*MDS*
Other and unspecified	11616	2.9	14.5	**8.8**	0.37	0.93	12891	3.5	15.9	**7.4**	0.32	0.75	*O&U*
All sites	408846		511.9	**335.0**	16.77	40.21	374637		460.7	**273.6**	16.95	30.97	*C00-96*
All sites except C44	403092	100.0	504.7	**330.5**	16.55	39.72	369503	100.0	454.4	**270.3**	16.76	30.61	*C00-96 exc. C44*

† See note following population pyramid

Canada, Alberta

REGISTRATION AREA

Alberta is one of the Prairie Provinces of Canada, with an area of 661 688 km^2. The Alberta Cancer Registry (ACR) covers the province's multiethnic population, which numbered 3.6 million at the 2011 census, with 80% living in urban areas.

CANCER CARE FACILITIES

Alberta has universal health care, which is provided and administered by Alberta Health Services (AHS). Many hospitals in Alberta's cities provide surgery and chemotherapy to cancer patients, and there are 17 cancer centres. Two tertiary cancer centres and one associate cancer centre provide radiotherapy, chemotherapy, and limited surgical procedures. The other cancer centres (three associate centres and 11 community centres) provide chemotherapy services.

REGISTRY STRUCTURE AND METHODS

AHS Cancer Care maintains the ACR, which operates out of the tertiary centres. The registry staff includes a director, two supervisors, two programmers, three quality assurance/staging specialists, 20 cancer registrars, and four support staff members. The registry's activities involve patient registration, coding and staging cancer cases, research projects, quality assurance reviews (both computerized and manual), passive follow-up with Alberta Vital Statistics, and case ascertainment. Alberta's Regional Health Authorities Act mandates the registration of all reportable cancers. The ACR uses a passive case finding approach: all pathology, cytology, and operative reports (and some records such as scans and X-rays) with a mention of cancer are forwarded to the registry. Alberta has an electronic medical record system, which has improved the accuracy of patient demographics and allowed for timelier access to clinical reports. A monthly electronic linkage to Alberta Vital Statistics identifies all cancer patients who die in Alberta. Mechanisms are in place to evaluate the quality of data collected by the registry for completeness, accuracy, and timeliness. The ACR achieved Gold Certification from the North American Association of Central Cancer Registries (NAACCR) from 1998 to 2000 and from 2002 to 2009, and achieved Silver Certification in 2001.

USE OF THE DATA

ACR cancer incidence and mortality data are published annually. Research projects involving patient contact must be approved by the Research Ethics Board. Every year, the ACR fulfils more than 100 requests for information, including requests for information to be used in collaborative studies with other agencies and organizations. The registry is also an important source of information to AHS for planning its services and programmes, which include screening programmes for breast, cervical, and colorectal cancers.

CONTRIBUTORS

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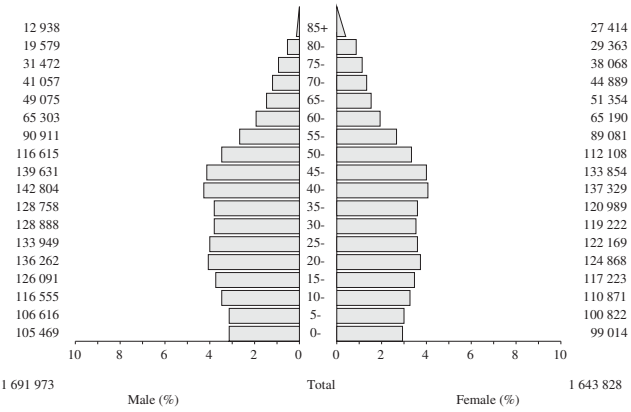
Canada, Alberta (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	98.2	Breast	77.2
Trachea, bronchus and lung	40.4	Trachea, bronchus and lung	32.4
Colon	22.7	Colon	17.3
Bladder	20.7	Corpus uteri	17.0
Rectum	15.9	Thyroid	12.8
Non-Hodgkin lymphoma	14.4	Non-Hodgkin lymphoma	10.1
Kidney	11.1	Melanoma of skin	9.3
Melanoma of skin	10.4	Rectum	8.5
Lymphoid leukaemia	8.3	Ovary	7.6
Pancreas	7.4	Cervix uteri	7.2
All sites	330.1	All sites	268.6

Canada, Alberta (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	104	0.3	1.2	**0.9**	0.04	0.12	29	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	233	0.7	2.8	**2.2**	0.16	0.27	129	0.4	1.6	**1.1**	0.07	0.12	*C01-02*
Mouth	148	0.4	1.7	**1.4**	0.07	0.17	142	0.4	1.7	**1.1**	0.07	0.13	*C03-06*
Salivary glands	60	0.2	0.7	**0.6**	0.03	0.07	55	0.2	0.7	**0.5**	0.03	0.05	*C07-08*
Tonsil	160	0.5	1.9	**1.5**	0.12	0.18	39	0.1	0.5	**0.4**	0.03	0.05	*C09*
Other oropharynx	37	0.1	0.4	**0.4**	0.03	0.05	17	0.1	0.2	**0.1**	0.00	0.02	*C10*
Nasopharynx	70	0.2	0.8	**0.7**	0.05	0.07	19	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	71	0.2	0.8	**0.6**	0.03	0.08	21	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	12	0.0	0.1	**0.1**	0.01	0.02	5	0.0	0.1	**0.0**	0.01	0.01	*C14*
Oesophagus	507	1.4	6.0	**4.7**	0.26	0.57	151	0.5	1.8	**1.1**	0.05	0.14	*C15*
Stomach	795	2.2	9.4	**7.0**	0.33	0.81	428	1.4	5.2	**3.1**	0.17	0.32	*C16*
Small intestine	157	0.4	1.9	**1.4**	0.08	0.17	99	0.3	1.2	**0.8**	0.04	0.10	*C17*
Colon	2571	7.2	30.4	**22.7**	0.99	2.65	2358	7.4	28.7	**17.3**	0.75	2.03	*C18*
Rectum	1748	4.9	20.7	**15.9**	0.79	1.93	1070	3.4	13.0	**8.5**	0.46	0.99	*C19-20*
Anus	60	0.2	0.7	**0.5**	0.03	0.06	135	0.4	1.6	**1.2**	0.09	0.13	*C21*
Liver	572	1.6	6.8	**5.2**	0.31	0.63	254	0.8	3.1	**1.9**	0.09	0.21	*C22*
Gallbladder etc.	228	0.6	2.7	**2.0**	0.07	0.22	223	0.7	2.7	**1.6**	0.09	0.18	*C23-24*
Pancreas	821	2.3	9.7	**7.4**	0.33	0.87	860	2.7	10.5	**6.2**	0.25	0.71	*C25*
Nose, sinuses etc.	50	0.1	0.6	**0.5**	0.03	0.05	37	0.1	0.5	**0.3**	0.01	0.03	*C30-31*
Larynx	272	0.8	3.2	**2.6**	0.16	0.34	64	0.2	0.8	**0.5**	0.03	0.07	*C32*
Trachea, bronchus and lung	4508	12.7	53.3	**40.4**	1.61	5.04	3929	12.4	47.8	**32.4**	1.66	4.18	*C33-34*
Other thoracic organs	33	0.1	0.4	**0.3**	0.02	0.03	35	0.1	0.4	**0.3**	0.02	0.04	*C37-38*
Bone	85	0.2	1.0	**0.9**	0.06	0.07	78	0.2	0.9	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	1121	3.2	13.3	**10.4**	0.65	1.20	1044	3.3	12.7	**9.3**	0.68	0.93	*C43*
Other skin	113		1.3	**1.0**	0.05	0.09	117		1.4	**1.0**	0.07	0.10	*C44*
Mesothelioma	181	0.5	2.1	**1.6**	0.05	0.19	31	0.1	0.4	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	16	0.0	0.2	**0.1**	0.01	0.01	7	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	254	0.7	3.0	**2.5**	0.12	0.28	178	0.6	2.2	**1.7**	0.10	0.15	*C47+C49*
Breast	66	0.2	0.8	**0.6**	0.03	0.06	8854	28.0	107.7	**77.2**	5.36	8.96	*C50*
Vulva							189	0.6	2.3	**1.5**	0.09	0.16	*C51*
Vagina							53	0.2	0.6	**0.4**	0.03	0.05	*C52*
Cervix uteri							757	2.4	9.2	**7.2**	0.55	0.68	*C53*
Corpus uteri							1857	5.9	22.6	**17.0**	1.29	2.14	*C54*
Uterus unspecified							36	0.1	0.4	**0.3**	0.02	0.02	*C55*
Ovary							890	2.8	10.8	**7.6**	0.50	0.86	*C56*
Other female genital organs							56	0.2	0.7	**0.4**	0.03	0.04	*C57*
Placenta							6	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	77	0.2	0.9	**0.7**	0.04	0.08							*C60*
Prostate	10281	29.0	121.5	**98.2**	4.96	13.18							*C61*
Testis	499	1.4	5.9	**5.1**	0.38	0.39							*C62*
Other male genital organs	22	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	1176	3.3	13.9	**11.1**	0.65	1.31	691	2.2	8.4	**6.1**	0.36	0.73	*C64*
Renal pelvis	62	0.2	0.7	**0.5**	0.02	0.05	47	0.1	0.6	**0.3**	0.01	0.03	*C65*
Ureter	39	0.1	0.5	**0.3**	0.01	0.04	24	0.1	0.3	**0.2**	0.01	0.01	*C66*
†Bladder	2342	6.6	27.7	**20.7**	0.85	2.45	810	2.6	9.9	**6.3**	0.31	0.77	*C67*
Other urinary organs	27	0.1	0.3	**0.2**	0.01	0.03	10	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	67	0.2	0.8	**0.7**	0.04	0.06	53	0.2	0.6	**0.5**	0.03	0.06	*C69*
Brain, nervous system	609	1.7	7.2	**6.3**	0.39	0.63	419	1.3	5.1	**4.2**	0.26	0.41	*C70-72*
Thyroid	385	1.1	4.6	**3.6**	0.26	0.39	1302	4.1	15.8	**12.8**	1.00	1.22	*C73*
Adrenal gland	23	0.1	0.3	**0.3**	0.02	0.02	18	0.1	0.2	**0.3**	0.01	0.02	*C74*
Other endocrine	19	0.1	0.2	**0.3**	0.01	0.02	9	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	240	0.7	2.8	**2.5**	0.17	0.20	204	0.6	2.5	**2.3**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	1550	4.4	18.3	**14.4**	0.78	1.64	1218	3.8	14.8	**10.1**	0.58	1.15	*C82-85,C96*
Immunoproliferative diseases	43	0.1	0.5	**0.4**	0.02	0.04	28	0.1	0.3	**0.2**	0.02	0.03	*C88*
Multiple myeloma	461	1.3	5.4	**4.2**	0.20	0.52	358	1.1	4.4	**2.9**	0.14	0.35	*C90*
Lymphoid leukaemia	810	2.3	9.6	**8.3**	0.42	0.84	500	1.6	6.1	**4.7**	0.24	0.48	*C91*
Myeloid leukaemia	417	1.2	4.9	**3.8**	0.20	0.39	347	1.1	4.2	**3.1**	0.18	0.32	*C92-94*
Leukaemia unspecified	15	0.0	0.2	**0.1**	0.00	0.01	26	0.1	0.3	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	272	0.8	3.2	**2.4**	0.11	0.25	335	1.1	4.1	**2.6**	0.13	0.31	*MPD*
Myelodysplastic syndromes	295	0.8	3.5	**2.5**	0.07	0.26	158	0.5	1.9	**1.1**	0.04	0.11	*MDS*
Other and unspecified	811	2.3	9.6	**7.0**	0.27	0.73	975	3.1	11.9	**6.7**	0.28	0.71	*O&U*
All sites	35595		420.8	**330.1**	16.43	39.90	31784		386.7	**268.6**	16.50	30.70	*C00-96*
All sites except C44	35482	100.0	419.4	**329.1**	16.38	39.81	31667	100.0	385.3	**267.7**	16.44	30.60	*C00-96 exc. C44*

† See note following population pyramid

Canada, British Columbia

REGISTRATION AREA

The British Columbia Cancer Registry covers the Canadian province of British Columbia. A considerable portion of the province is mountainous and sparsely populated, with most of its population concentrated in the south-western corner. Immigration to British Columbia has increased in recent years. At the 2006 Canadian census, it was estimated that 27.2% of British Columbia residents had immigrated to Canada; of these, one in six had immigrated since the 2001 census. Most immigrants to British Columbia come from Asia, particularly from China, India, the Philippines, and the Republic of Korea. At the 2006 census, 25.5% of British Columbians identified themselves as belonging to a visible minority, of which the largest groups were Chinese and South Asian. Aboriginal people constituted 6.1% of the population.

CANCER CARE FACILITIES

Health care in British Columbia is delivered by a publicly funded system. Cancer diagnostic services are provided by general hospitals and specialty clinics. Cancer therapy is provided through a mix of dedicated cancer facilities and general hospitals. The British Columbia Cancer Agency (BCCA) operates six regional cancer centres. Radiation therapy is exclusively provided through these regional centres, which also provide approximately 50% of cancer chemotherapy services.

REGISTRY STRUCTURE AND METHODS

The registry is part of a combined population-based registry and clinical database maintained by the BCCA. Reporting of cancer cases to the registry is mandatory, and the registry is permitted under provincial legislation to obtain information about cancer diagnoses for surveillance and research purposes.

INTERPRETING THE RESULTS

The BCCA operates the Screening Mammography Program of British Columbia, the Cervical Cancer Screening Program, and the Hereditary Cancer Program, which have all had an impact on the early detection of cancer. Prostate-specific antigen (PSA) screening for prostate cancer became common in the early 1990s, although it is not a publicly funded service.

USE OF THE DATA

The registry serves as a source of cases for surveys and case–control studies; provides outcome data for cohort studies; and is frequently linked with other data sources for epidemiological, health services, and outcomes research. Surveillance reports of cancer statistics are regularly generated and are used for planning services and facilities, for budgeting, and for monitoring systems performance.

CONTRIBUTORS

Ryan Woods
Andy Coldman
Cathy MacKay
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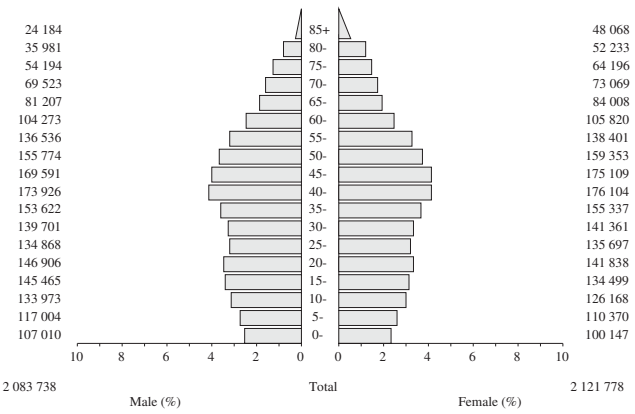
Canada, British Columbia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	82.2	Breast	73.4
Trachea, bronchus and lung	38.3	Trachea, bronchus and lung	32.1
Colon	21.8	Colon	17.2
Bladder	18.3	Corpus uteri	14.9
Non-Hodgkin lymphoma	14.8	Melanoma of skin	10.1
Rectum	14.7	Non-Hodgkin lymphoma	9.8
Melanoma of skin	12.1	Ovary	8.0
Kidney	7.5	Rectum	7.8
Other and unspecified	7.5	Other and unspecified	7.1
Lymphoid leukaemia	6.9	Thyroid	6.8
All sites	298.4	All sites	245.6

Canada, British Columbia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	61	0.1	0.6	**0.3**	0.02	0.04	23	0.1	0.2	**0.1**	0.00	0.01	*C00*
Tongue	407	0.8	3.9	**2.6**	0.19	0.33	164	0.4	1.5	**0.9**	0.06	0.10	*C01-02*
Mouth	229	0.4	2.2	**1.4**	0.08	0.18	204	0.4	1.9	**1.0**	0.05	0.12	*C03-06*
Salivary glands	114	0.2	1.1	**0.7**	0.04	0.08	82	0.2	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	244	0.5	2.3	**1.6**	0.14	0.19	91	0.2	0.9	**0.5**	0.04	0.06	*C09*
Other oropharynx	64	0.1	0.6	**0.4**	0.03	0.05	26	0.1	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	144	0.3	1.4	**0.9**	0.07	0.10	68	0.1	0.6	**0.5**	0.04	0.04	*C11*
Hypopharynx	130	0.3	1.2	**0.8**	0.05	0.09	28	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	24	0.0	0.2	**0.1**	0.00	0.02	5	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	775	1.5	7.4	**4.3**	0.22	0.53	338	0.7	3.2	**1.5**	0.06	0.18	*C15*
Stomach	1221	2.4	11.7	**6.7**	0.32	0.78	587	1.3	5.5	**2.7**	0.14	0.30	*C16*
Small intestine	181	0.4	1.7	**1.0**	0.05	0.12	159	0.3	1.5	**0.8**	0.05	0.09	*C17*
Colon	4028	7.8	38.7	**21.8**	0.93	2.58	3822	8.4	36.0	**17.2**	0.77	1.96	*C18*
Rectum	2546	4.9	24.4	**14.7**	0.75	1.82	1565	3.4	14.8	**7.8**	0.42	0.92	*C19-20*
Anus	150	0.3	1.4	**1.0**	0.07	0.12	215	0.5	2.0	**1.2**	0.09	0.13	*C21*
Liver	888	1.7	8.5	**5.2**	0.30	0.62	349	0.8	3.3	**1.7**	0.08	0.19	*C22*
Gallbladder etc.	320	0.6	3.1	**1.7**	0.07	0.20	350	0.8	3.3	**1.6**	0.06	0.18	*C23-24*
Pancreas	1221	2.4	11.7	**6.7**	0.33	0.79	1255	2.8	11.8	**5.5**	0.24	0.62	*C25*
Nose, sinuses etc.	68	0.1	0.7	**0.4**	0.02	0.04	76	0.2	0.7	**0.4**	0.03	0.05	*C30-31*
Larynx	459	0.9	4.4	**2.7**	0.16	0.34	87	0.2	0.8	**0.5**	0.02	0.06	*C32*
Trachea, bronchus and lung	7097	13.8	68.1	**38.3**	1.57	4.69	6440	14.2	60.7	**32.1**	1.53	4.11	*C33-34*
Other thoracic organs	61	0.1	0.6	**0.5**	0.03	0.04	40	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	109	0.2	1.0	**1.0**	0.06	0.08	102	0.2	1.0	**0.9**	0.05	0.06	*C40-41*
Melanoma of skin	1953	3.8	18.7	**12.1**	0.78	1.33	1626	3.6	15.3	**10.1**	0.73	1.04	*C43*
Other skin	131		1.3	**0.8**	0.04	0.07	124		1.2	**0.6**	0.04	0.06	*C44*
Mesothelioma	312	0.6	3.0	**1.6**	0.06	0.20	46	0.1	0.4	**0.2**	0.01	0.04	*C45*
Kaposi sarcoma	86	0.2	0.8	**0.6**	0.05	0.05	4	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	326	0.6	3.1	**2.1**	0.13	0.22	235	0.5	2.2	**1.5**	0.10	0.14	*C47+C49*
Breast	87	0.2	0.8	**0.5**	0.03	0.05	12783	28.1	120.5	**73.4**	5.23	8.44	*C50*
Vulva							207	0.5	2.0	**1.0**	0.06	0.11	*C51*
Vagina							84	0.2	0.8	**0.4**	0.02	0.05	*C52*
Cervix uteri							768	1.7	7.2	**5.2**	0.42	0.49	*C53*
Corpus uteri							2578	5.7	24.3	**14.9**	1.09	1.86	*C54*
Uterus unspecified							31	0.1	0.3	**0.1**	0.00	0.00	*C55*
Ovary							1434	3.2	13.5	**8.0**	0.51	0.91	*C56*
Other female genital organs							61	0.1	0.6	**0.3**	0.02	0.04	*C57*
Placenta							2	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	57	0.1	0.5	**0.3**	0.02	0.03							*C60*
Prostate	14333	27.8	137.6	**82.2**	3.80	10.88							*C61*
Testis	536	1.0	5.1	**4.8**	0.35	0.36							*C62*
Other male genital organs	22	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	1240	2.4	11.9	**7.5**	0.45	0.89	694	1.5	6.5	**3.8**	0.22	0.44	*C64*
Renal pelvis	86	0.2	0.8	**0.5**	0.02	0.05	67	0.1	0.6	**0.3**	0.01	0.04	*C65*
Ureter	63	0.1	0.6	**0.3**	0.02	0.04	26	0.1	0.2	**0.1**	0.00	0.01	*C66*
†Bladder	3458	6.7	33.2	**18.3**	0.70	2.12	1144	2.5	10.8	**5.3**	0.24	0.64	*C67*
Other urinary organs	15	0.0	0.1	**0.1**	0.00	0.01	9	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	118	0.2	1.1	**0.8**	0.04	0.10	91	0.2	0.9	**0.6**	0.04	0.06	*C69*
Brain, nervous system	817	1.6	7.8	**5.9**	0.37	0.58	591	1.3	5.6	**4.2**	0.25	0.39	*C70-72*
Thyroid	309	0.6	3.0	**2.2**	0.16	0.23	933	2.1	8.8	**6.8**	0.53	0.62	*C73*
Adrenal gland	27	0.1	0.3	**0.4**	0.02	0.02	31	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	10	0.0	0.1	**0.1**	0.01	0.01	10	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	259	0.5	2.5	**2.3**	0.15	0.18	225	0.5	2.1	**2.0**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	2417	4.7	23.2	**14.8**	0.83	1.62	1872	4.1	17.6	**9.8**	0.56	1.11	*C82-85,C96*
Immunoproliferative diseases	7	0.0	0.1	**0.0**	0.00	0.00	8	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	640	1.2	6.1	**3.4**	0.17	0.38	446	1.0	4.2	**2.0**	0.09	0.23	*C90*
Lymphoid leukaemia	997	1.9	9.6	**6.9**	0.35	0.68	622	1.4	5.9	**4.1**	0.19	0.39	*C91*
Myeloid leukaemia	587	1.1	5.6	**3.7**	0.19	0.37	474	1.0	4.5	**2.6**	0.15	0.27	*C92-94*
Leukaemia unspecified	84	0.2	0.8	**0.4**	0.01	0.04	69	0.2	0.7	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	297	0.6	2.9	**1.7**	0.08	0.20	336	0.7	3.2	**1.6**	0.07	0.18	*MPD*
Myelodysplastic syndromes	374	0.7	3.6	**1.8**	0.04	0.19	226	0.5	2.1	**0.9**	0.03	0.08	*MDS*
Other and unspecified	1414	2.7	13.6	**7.5**	0.33	0.78	1679	3.7	15.8	**7.1**	0.29	0.73	*O&U*
All sites	51603		495.3	**298.4**	14.72	35.52	45612		429.9	**245.6**	14.86	27.88	*C00-96*
All sites except C44	51472	100.0	494.0	**297.7**	14.67	35.44	45488	100.0	428.8	**245.0**	14.82	27.82	*C00-96 exc. C44*

† See note following population pyramid

Canada, Manitoba

REGISTRATION AREA

The Manitoba Cancer Registry covers the population of Manitoba, a province located in central Canada. Manitoba is bordered to the east by the province of Ontario, to the west by the province of Saskatchewan, to the north by the territories of Nunavut and the Northwest Territories, and to the south by the USA (the states of North Dakota and Minnesota). The province covers an area of 649 950 km^2. At the 2001 census, 72% of the population lived in urban areas, with 60% living in the provincial capital of Winnipeg. Approximately 13.6% of all residents were Aboriginal (60.2% Native American, 37.9% Métis, and 2.3% Inuit). Of Manitobans who had immigrated to Canada, a similar proportion had immigrated from Europe (47.5%) and Asia (30.3%). The majority of Manitobans reported British (36.7%), French (12.6%), or other European (48.0%) heritage.

CANCER CARE FACILITIES

CancerCare Manitoba is a provincial cancer agency with the mandate of coordinating all aspects of cancer control. Direct patient care involves the provision of treatment services, including two outpatient radiation therapy centres (one in Winnipeg and the other in rural Brandon) along with chemotherapy. CancerCare Manitoba also partners with other community care facilities to deliver cancer care – primarily chemotherapy – in local communities.

REGISTRY STRUCTURE AND METHODS

The registry became fully population-based and was mandated by law in 1956, but it has cases dating back as far as 1937. The registry is funded through CancerCare Manitoba by the provincial health department. The registry staff includes a manager, 10 cancer registrars, three clerks, and an administrative assistant. The epidemiology section of the provincial health department (which includes four epidemiologists, eight analysts, and three project managers) provides support to the registry and is extensively involved in research. Multiple sources are used for case ascertainment. The registry has strict quality control procedures in place and has been certified by the North American Association of Central Cancer Registries (NAACCR) for the past 8 consecutive years.

INTERPRETING THE RESULTS

The Manitoba cancer statistics presented in this volume may have been influenced by diagnostic and early detection technologies. A provincial breast screening programme was established in 1995, a cervical screening programme in 1999, and a colorectal screening program in 2007.

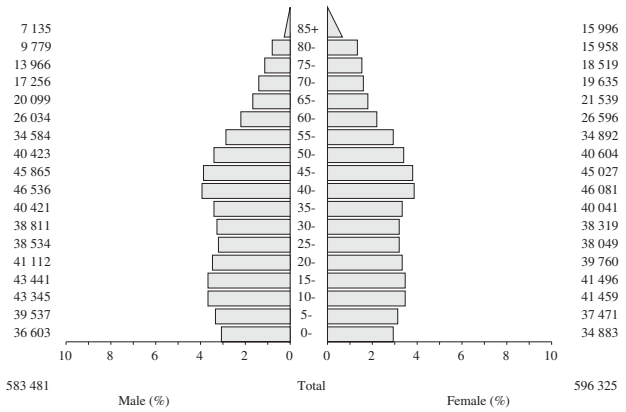
USE OF THE DATA

Registry data are used to address questions relating to surveillance, research, evaluation, and planning, as well as for teaching purposes and to provide diagnostic confirmation and treatment-related information to health care providers.

CONTRIBUTOR

Donna Turner

Canada, Manitoba (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the Manitoba Health Population Registry.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	105.6	Breast	78.8
Prostate	78.0	Non-melanoma skin cancer	76.5
Trachea, bronchus and lung	47.1	Trachea, bronchus and lung	37.1
Colon	26.8	Colon	19.5
Bladder	20.8	Corpus uteri	19.5
Rectum	17.3	Non-Hodgkin lymphoma	10.8
Non-Hodgkin lymphoma	15.5	Ovary	9.6
Kidney	13.2	Rectum	9.5
Melanoma of skin	8.6	Thyroid	8.5
Stomach	8.5	Melanoma of skin	6.7
All sites	430.7	All sites	351.2

Canada, Manitoba (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	141	1.0	4.8	**3.0**	0.14	0.35	43	0.3	1.4	**0.6**	0.02	0.06	*C00*
Tongue	103	0.7	3.5	**2.6**	0.21	0.30	68	0.5	2.3	**1.4**	0.08	0.17	*C01-02*
Mouth	70	0.5	2.4	**1.6**	0.12	0.19	52	0.4	1.7	**0.9**	0.06	0.11	*C03-06*
Salivary glands	26	0.2	0.9	**0.6**	0.04	0.06	29	0.2	1.0	**0.5**	0.02	0.05	*C07-08*
Tonsil	64	0.4	2.2	**1.5**	0.11	0.18	18	0.1	0.6	**0.3**	0.02	0.04	*C09*
Other oropharynx	16	0.1	0.5	**0.4**	0.03	0.06	2	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	20	0.1	0.7	**0.5**	0.04	0.05	6	0.0	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	39	0.3	1.3	**0.9**	0.04	0.12	10	0.1	0.3	**0.2**	0.01	0.04	*C12-13*
Pharynx unspecified	4	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	188	1.3	6.4	**4.2**	0.21	0.51	61	0.4	2.0	**0.9**	0.03	0.09	*C15*
Stomach	407	2.8	14.0	**8.5**	0.44	0.96	203	1.5	6.8	**3.2**	0.16	0.36	*C16*
Small intestine	73	0.5	2.5	**1.7**	0.09	0.21	55	0.4	1.8	**1.1**	0.06	0.13	*C17*
Colon	1288	8.8	44.1	**26.8**	1.23	3.10	1230	8.8	41.3	**19.5**	0.94	2.15	*C18*
Rectum	770	5.3	26.4	**17.3**	1.00	2.14	526	3.8	17.6	**9.5**	0.50	1.14	*C19-20*
Anus	28	0.2	1.0	**0.7**	0.05	0.07	51	0.4	1.7	**1.1**	0.09	0.12	*C21*
Liver	201	1.4	6.9	**4.4**	0.23	0.49	97	0.7	3.3	**1.6**	0.07	0.18	*C22*
Gallbladder etc.	107	0.7	3.7	**2.2**	0.09	0.24	118	0.8	4.0	**1.8**	0.08	0.21	*C23-24*
Pancreas	355	2.4	12.2	**7.5**	0.34	0.90	346	2.5	11.6	**5.5**	0.25	0.68	*C25*
Nose, sinuses etc.	26	0.2	0.9	**0.5**	0.01	0.06	11	0.1	0.4	**0.2**	0.01	0.03	*C30-31*
Larynx	126	0.9	4.3	**2.9**	0.14	0.36	30	0.2	1.0	**0.6**	0.03	0.08	*C32*
Trachea, bronchus and lung	2201	15.0	75.4	**47.1**	1.87	5.98	1992	14.3	66.8	**37.1**	1.93	4.81	*C33-34*
Other thoracic organs	16	0.1	0.5	**0.4**	0.03	0.05	7	0.1	0.2	**0.1**	0.01	0.02	*C37-38*
Bone	41	0.3	1.4	**1.2**	0.08	0.10	28	0.2	0.9	**0.7**	0.04	0.07	*C40-41*
Melanoma of skin	362	2.5	12.4	**8.6**	0.56	0.98	305	2.2	10.2	**6.7**	0.46	0.68	*C43*
Other skin	4922		168.7	**105.6**	5.34	12.19	4258		142.8	**76.5**	4.41	8.43	*C44*
Mesothelioma	68	0.5	2.3	**1.4**	0.05	0.17	11	0.1	0.4	**0.3**	0.02	0.03	*C45*
Kaposi sarcoma	6	0.0	0.2	**0.2**	0.01	0.01	3	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	91	0.6	3.1	**2.4**	0.11	0.21	78	0.6	2.6	**2.0**	0.12	0.18	*C47+C49*
Breast	23	0.2	0.8	**0.5**	0.03	0.06	3688	26.5	123.7	**78.8**	5.74	9.07	*C50*
Vulva							84	0.6	2.8	**1.8**	0.12	0.19	*C51*
Vagina							20	0.1	0.7	**0.4**	0.02	0.05	*C52*
Cervix uteri							258	1.9	8.7	**6.6**	0.51	0.65	*C53*
Corpus uteri							882	6.3	29.6	**19.5**	1.46	2.41	*C54*
Uterus unspecified							11	0.1	0.4	**0.2**	0.02	0.03	*C55*
Ovary							469	3.4	15.7	**9.6**	0.63	1.10	*C56*
Other female genital organs							18	0.1	0.6	**0.4**	0.03	0.05	*C57*
Placenta							4	0.0	0.1	**0.2**	0.01	0.01	*C58*
Penis	31	0.2	1.1	**0.6**	0.01	0.07							*C60*
Prostate	3477	23.7	119.2	**78.0**	3.56	10.30							*C61*
Testis	155	1.1	5.3	**4.9**	0.35	0.38							*C62*
Other male genital organs	15	0.1	0.5	**0.3**	0.02	0.03							*C63*
Kidney	572	3.9	19.6	**13.2**	0.75	1.66	334	2.4	11.2	**6.6**	0.40	0.75	*C64*
Renal pelvis	38	0.3	1.3	**0.7**	0.02	0.09	21	0.2	0.7	**0.4**	0.01	0.05	*C65*
Ureter	17	0.1	0.6	**0.4**	0.02	0.04	12	0.1	0.4	**0.2**	0.01	0.03	*C66*
†Bladder	1034	7.1	35.4	**20.8**	0.82	2.35	358	2.6	12.0	**6.1**	0.32	0.72	*C67*
Other urinary organs	17	0.1	0.6	**0.3**	0.01	0.04	4	0.0	0.1	**0.1**	0.00	0.00	*C68*
Eye	24	0.2	0.8	**0.5**	0.04	0.06	25	0.2	0.8	**0.5**	0.03	0.05	*C69*
Brain, nervous system	197	1.3	6.8	**5.6**	0.34	0.53	166	1.2	5.6	**4.2**	0.26	0.42	*C70-72*
Thyroid	99	0.7	3.4	**2.7**	0.20	0.27	309	2.2	10.4	**8.5**	0.66	0.77	*C73*
Adrenal gland	9	0.1	0.3	**0.3**	0.01	0.02	10	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	78	0.5	2.7	**2.4**	0.16	0.21	84	0.6	2.8	**2.6**	0.17	0.20	*C81*
Non-Hodgkin lymphoma	671	4.6	23.0	**15.5**	0.86	1.78	593	4.3	19.9	**10.8**	0.62	1.19	*C82-85,C96*
Immunoproliferative diseases	27	0.2	0.9	**0.5**	0.03	0.05	16	0.1	0.5	**0.2**	0.01	0.02	*C88*
Multiple myeloma	186	1.3	6.4	**3.8**	0.20	0.43	160	1.1	5.4	**2.5**	0.12	0.26	*C90*
Lymphoid leukaemia	330	2.3	11.3	**8.0**	0.37	0.81	238	1.7	8.0	**5.0**	0.28	0.51	*C91*
Myeloid leukaemia	150	1.0	5.1	**3.5**	0.17	0.38	128	0.9	4.3	**2.7**	0.17	0.25	*C92-94*
Leukaemia unspecified	17	0.1	0.6	**0.3**	0.00	0.02	9	0.1	0.3	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	105	0.7	3.6	**2.4**	0.10	0.31	110	0.8	3.7	**1.9**	0.08	0.23	*MPD*
Myelodysplastic syndromes	184	1.3	6.3	**3.6**	0.10	0.41	135	1.0	4.5	**1.9**	0.08	0.20	*MDS*
Other and unspecified	348	2.4	11.9	**7.0**	0.29	0.74	395	2.8	13.2	**6.2**	0.28	0.69	*O&U*
All sites	19563		670.6	**430.7**	21.08	51.06	18181		609.8	**351.2**	21.48	39.82	*C00-96*
All sites except C44	14641	100.0	501.9	**325.1**	15.73	38.87	13923	100.0	467.0	**274.7**	17.07	31.39	*C00-96 exc. C44*

† See note following population pyramid

Canada, New Brunswick

REGISTRATION AREA

The New Brunswick Provincial Cancer Registry (NBPCR) covers the population of the Canadian province of New Brunswick, which was estimated at the most recent census (2006) to be 730 000.

CANCER CARE FACILITIES

Medical treatment of cancer in New Brunswick focuses on four modalities: surgery, systemic therapy, radiation therapy, and supportive services. Paediatric oncology cases are generally referred to the neighbouring provinces of Nova Scotia or Quebec for initial consultation with a paediatric oncologist. There are two tertiary radiation-based cancer centres in the southern part of the province, in the cities of Moncton and Saint John.

REGISTRY STRUCTURE AND METHODS

The NBPCR is a population-based central cancer registry located in Saint John (the province's largest city). The registry is funded by the New Brunswick Department of Health and has been overseen by the New Brunswick Cancer Network since January 2008. The registry has used the Collaborative Staging System to capture cancer stage for selected sites (breast, lung, prostate, and colorectum) since 2008. The College of American Pathologists (CAP) Cancer Protocols and Checklists have been endorsed as the cancer pathology reporting standard in New Brunswick since 2009. Since September 2008, several major changes have been implemented within the New Brunswick health care system to improve the efficiency of health care delivery. As part of this process, the province's eight former Regional Health Authorities were amalgamated into two new Regional Health Authorities. In September 2010, the province enacted new privacy legislation (the Personal Health Information Privacy and Access Act [PHIPAA]) that is specifically geared to the health sector and applies to the collection, confidentiality, correction, use, disclosure, retention, and destruction of personal health information.

INTERPRETING THE RESULTS

The New Brunswick Breast Cancer Screening Program was rolled out in 16 facilities in 1995, targeting asymptomatic women aged 50–69 years. Full implementation of the New Brunswick Cervical Cancer Prevention and Screening Program is anticipated by 2013–2014.

USE OF THE DATA

The registry prepares a 5-year report on cancer incidence and mortality, highlighting trends and changes by health region. Data from the registry have also been used to support the indicators for cancer system performance published by the Canadian Partnership Against Cancer (CPAC).

CONTRIBUTORS

Eshwar Kumar
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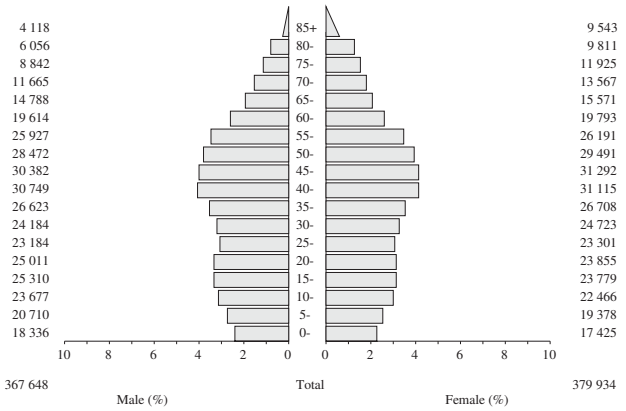
Canada, New Brunswick (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	107.3	Breast	74.2
Trachea, bronchus and lung	60.4	Trachea, bronchus and lung	38.5
Colon	24.0	Colon	18.1
Bladder	22.0	Thyroid	14.9
Rectum	18.5	Corpus uteri	14.1
Non-Hodgkin lymphoma	16.1	Non-Hodgkin lymphoma	11.1
Kidney	14.6	Melanoma of skin	10.2
Melanoma of skin	11.5	Ovary	9.2
Pancreas	9.5	Rectum	8.6
Stomach	8.4	Kidney	8.5
All sites	371.1	All sites	273.0

Canada, New Brunswick (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	48	0.4	2.6	**1.5**	0.04	0.18	6	0.1	0.3	**0.1**	0.00	0.02	*C00*
Tongue	48	0.4	2.6	**1.6**	0.11	0.18	20	0.2	1.1	**0.6**	0.03	0.09	*C01-02*
Mouth	45	0.4	2.4	**1.6**	0.08	0.21	33	0.4	1.7	**0.9**	0.06	0.10	*C03-06*
Salivary glands	37	0.3	2.0	**1.3**	0.05	0.14	23	0.2	1.2	**0.7**	0.05	0.06	*C07-08*
Tonsil	58	0.5	3.2	**2.0**	0.17	0.24	18	0.2	0.9	**0.6**	0.05	0.07	*C09*
Other oropharynx	7	0.1	0.4	**0.2**	0.01	0.03	2	0.0	0.1	**0.0**	0.00	0.01	*C10*
Nasopharynx	23	0.2	1.3	**0.8**	0.06	0.10	8	0.1	0.4	**0.3**	0.01	0.04	*C11*
Hypopharynx	17	0.2	0.9	**0.6**	0.03	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	9	0.1	0.5	**0.3**	0.02	0.05	3	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	159	1.4	8.6	**5.1**	0.24	0.63	53	0.6	2.8	**1.1**	0.04	0.14	*C15*
Stomach	275	2.5	15.0	**8.4**	0.36	0.98	157	1.7	8.3	**3.8**	0.16	0.43	*C16*
Small intestine	35	0.3	1.9	**1.2**	0.05	0.14	26	0.3	1.4	**0.7**	0.04	0.07	*C17*
Colon	768	6.9	41.8	**24.0**	1.07	2.87	763	8.2	40.2	**18.1**	0.84	2.08	*C18*
Rectum	579	5.2	31.5	**18.5**	1.00	2.16	338	3.6	17.8	**8.6**	0.49	0.94	*C19-20*
Anus	23	0.2	1.3	**0.8**	0.06	0.10	30	0.3	1.6	**0.9**	0.07	0.10	*C21*
Liver	94	0.8	5.1	**3.0**	0.15	0.37	41	0.4	2.2	**1.2**	0.06	0.14	*C22*
Gallbladder etc.	56	0.5	3.0	**1.6**	0.04	0.18	74	0.8	3.9	**1.7**	0.07	0.21	*C23-24*
Pancreas	293	2.6	15.9	**9.5**	0.41	1.19	285	3.0	15.0	**6.3**	0.24	0.70	*C25*
Nose, sinuses etc.	16	0.1	0.9	**0.5**	0.02	0.04	9	0.1	0.5	**0.2**	0.02	0.02	*C30-31*
Larynx	130	1.2	7.1	**4.2**	0.19	0.53	24	0.3	1.3	**0.6**	0.04	0.07	*C32*
Trachea, bronchus and lung	1924	17.2	104.7	**60.4**	2.56	7.60	1399	15.0	73.6	**38.5**	1.95	5.02	*C33-34*
Other thoracic organs	6	0.1	0.3	**0.2**	0.01	0.02	7	0.1	0.4	**0.2**	0.02	0.02	*C37-38*
Bone	20	0.2	1.1	**1.1**	0.07	0.09	15	0.2	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	331	3.0	18.0	**11.5**	0.69	1.33	295	3.2	15.5	**10.2**	0.69	1.03	*C43*
Other skin	40		2.2	**1.4**	0.07	0.15	36		1.9	**1.1**	0.05	0.09	*C44*
Mesothelioma	35	0.3	1.9	**1.1**	0.04	0.13	7	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	4	0.0	0.2	**0.1**	0.00	0.02	2	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	98	0.9	5.3	**3.9**	0.22	0.35	47	0.5	2.5	**1.6**	0.09	0.15	*C47+C49*
Breast	17	0.2	0.9	**0.6**	0.01	0.06	2460	26.3	129.5	**74.2**	5.25	8.48	*C50*
Vulva							55	0.6	2.9	**1.7**	0.11	0.18	*C51*
Vagina							21	0.2	1.1	**0.5**	0.02	0.06	*C52*
Cervix uteri							175	1.9	9.2	**6.4**	0.47	0.62	*C53*
Corpus uteri							462	4.9	24.3	**14.1**	0.95	1.73	*C54*
Uterus unspecified							6	0.1	0.3	**0.2**	0.02	0.02	*C55*
Ovary							314	3.4	16.5	**9.2**	0.61	1.01	*C56*
Other female genital organs							9	0.1	0.5	**0.2**	0.01	0.03	*C57*
Placenta							1	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	32	0.3	1.7	**1.0**	0.05	0.11							*C60*
Prostate	3222	28.9	175.3	**107.3**	5.21	14.69							*C61*
Testis	78	0.7	4.2	**4.1**	0.29	0.29							*C62*
Other male genital organs	4	0.0	0.2	**0.1**	0.02	0.02							*C63*
Kidney	420	3.8	22.8	**14.6**	0.92	1.73	268	2.9	14.1	**8.5**	0.51	1.02	*C64*
Renal pelvis	28	0.3	1.5	**0.9**	0.05	0.12	16	0.2	0.8	**0.4**	0.01	0.04	*C65*
Ureter	22	0.2	1.2	**0.7**	0.04	0.10	15	0.2	0.8	**0.3**	0.02	0.03	*C66*
†Bladder	713	6.4	38.8	**22.0**	0.93	2.60	256	2.7	13.5	**6.9**	0.38	0.85	*C67*
Other urinary organs	3	0.0	0.2	**0.1**	0.01	0.01	3	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	11	0.1	0.6	**0.4**	0.02	0.05	10	0.1	0.5	**0.4**	0.02	0.04	*C69*
Brain, nervous system	169	1.5	9.2	**6.6**	0.41	0.68	144	1.5	7.6	**5.2**	0.32	0.49	*C70-72*
Thyroid	112	1.0	6.1	**4.3**	0.30	0.48	387	4.1	20.4	**14.9**	1.20	1.45	*C73*
Adrenal gland	4	0.0	0.2	**0.1**	0.00	0.01	5	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	65	0.6	3.5	**3.2**	0.22	0.27	47	0.5	2.5	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	469	4.2	25.5	**16.1**	0.95	1.77	384	4.1	20.2	**11.1**	0.74	1.20	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.1	**0.1**	0.00	0.01	6	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	134	1.2	7.3	**4.3**	0.19	0.57	114	1.2	6.0	**3.1**	0.19	0.40	*C90*
Lymphoid leukaemia	161	1.4	8.8	**6.7**	0.36	0.68	103	1.1	5.4	**3.4**	0.16	0.32	*C91*
Myeloid leukaemia	94	0.8	5.1	**3.5**	0.18	0.38	92	1.0	4.8	**3.4**	0.19	0.35	*C92-94*
Leukaemia unspecified	14	0.1	0.8	**0.5**	0.02	0.03	10	0.1	0.5	**0.2**	0.02	0.03	*C95*
Myeloproliferative disorders	46	0.4	2.5	**1.5**	0.08	0.18	43	0.5	2.3	**1.0**	0.04	0.09	*MPD*
Myelodysplastic syndromes	107	1.0	5.8	**3.1**	0.08	0.30	84	0.9	4.4	**1.8**	0.05	0.21	*MDS*
Other and unspecified	100	0.9	5.4	**2.8**	0.08	0.25	170	1.8	8.9	**3.5**	0.19	0.29	*O&U*
All sites	11207		609.7	**371.1**	18.28	45.50	9381		493.8	**273.0**	16.78	30.88	*C00-96*
All sites except C44	11167	100.0	607.5	**369.7**	18.21	45.35	9345	100.0	491.9	**271.9**	16.73	30.79	*C00-96 exc. C44*

† See note following population pyramid

Canada, Newfoundland and Labrador

REGISTRATION AREA

The Newfoundland and Labrador Provincial Tumour Registry covers the Canadian province of Newfoundland and Labrador. In July 2013, the estimated provincial population was 527 000.

CANCER CARE FACILITIES

The Newfoundland and Labrador Cancer Care Program is responsible for four cancer centres in the province: the Dr. H. Bliss Murphy Cancer Centre in St. John's (the province's capital city) and three regional centres in Gander, Grand Falls-Windsor, and Corner Brook. Several services, such as radiation therapy, are only available in St. John's. The Cancer Care Program is also responsible for the provincial systemic therapy budget and oversees chemotherapy delivery in various hospitals across the province.

REGISTRY STRUCTURE AND METHODS

The registry is part of the provincial Cancer Care Program of Eastern Health (Newfoundland and Labrador's government health organization), formed in 2005. The registry is located within the Dr. H. Bliss Murphy Cancer Centre in St. John's and is staffed by a manager, a part-time programmer analyst, and four full-time health records professionals. The registry uses an electronic pathology (E-Path) reporting system and receives reports from six pathology laboratories, through an HL7 interface. Each report is filtered using an ICD-O-3 auto-coding engine. The automated filtering logic examines the topography and morphology codes and then selects reports for submission to the registry based on registry reporting requirements. E-Path reporting has improved the timeliness, completeness, and consistency of the registry's pathology information. The registry has also implemented a death clearance process and performs active follow-up of all patients, which has greatly improved case ascertainment.

INTERPRETING THE RESULTS

Cervical cancer screening is carried out throughout the province, mainly by family physicians on an opportunistic basis. A cervical cytology registry exists to track results and report indicators. Breast cancer screening programmes exist in three regions of the province, but full provincial coverage has not yet been achieved. An organized colorectal cancer screening programme (using the faecal immunochemical test [FIT]) was launched in 2012. The programme is still being phased in and to date is available in two regions of the province. Full provincial coverage is anticipated within 3 years of the initial launch.

USE OF THE DATA

Registry data are used for a variety of purposes, including health care planning, evidence-based decision-making, research, and cross-jurisdictional (intraprovincial, pan-Canadian, and international) comparisons. Data are also submitted to various organizations, including Statistics Canada (for inclusion in the Canadian Cancer Registry), the North American Association of Central Cancer Registries (NAACCR), and the Canadian Partnership Against Cancer (CPAC). Data from the registry are included in the annual publication *Canadian Cancer Statistics* and in CPAC's *Cancer System Performance Reports* and *System Performance Special Focus Reports*.

CONTRIBUTORS

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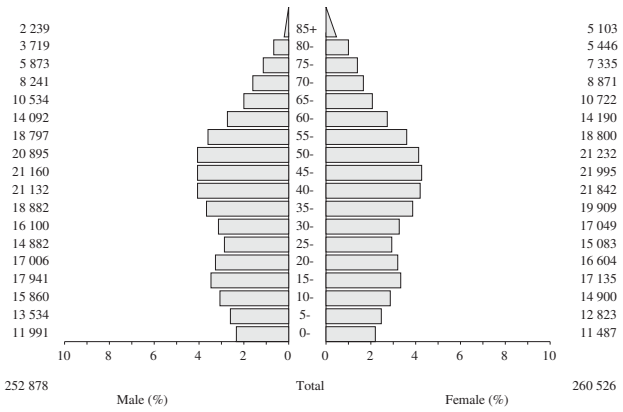
Canada, Newfoundland and Labrador (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Canada, Northwest Territories		Female	
Prostate	80.7	Breast	68.2
Trachea, bronchus and lung	43.9	Colon	28.5
Colon	36.4	Trachea, bronchus and lung	25.8
Rectum	22.4	Corpus uteri	14.1
Bladder	17.3	Rectum	10.5
Stomach	11.9	Non-Hodgkin lymphoma	9.7
Kidney	11.4	Thyroid	9.5
Non-Hodgkin lymphoma	11.0	Melanoma of skin	7.6
Melanoma of skin	8.6	Other and unspecified	7.3
Brain, nervous system	7.0	Cervix uteri	6.7
All sites	314.2	All sites	245.6

Canada, Newfoundland and Labrador (2003-2007)

	Male						Female						
			Crude	ASR	Cum. rates				Crude	ASR	Cum. rates		
SITE	No. cases	Freq. (%)	rate (per 100,000)	world	0-64 (%)	0-74	No. cases	Freq. (%)	rate (per 100,000)	world	0-64 (%)	0-74	ICD-10
Lip	38	0.6	3.0	**1.9**	0.10	0.26	9	0.2	0.7	**0.3**	0.02	0.03	*C00*
Tongue	37	0.6	2.9	**2.0**	0.13	0.25	14	0.3	1.1	**0.7**	0.03	0.07	*C01-02*
Mouth	26	0.4	2.1	**1.4**	0.08	0.18	20	0.4	1.5	**0.8**	0.03	0.06	*C03-06*
Salivary glands	20	0.3	1.6	**1.0**	0.05	0.10	11	0.2	0.8	**0.7**	0.05	0.06	*C07-08*
Tonsil	33	0.5	2.6	**1.7**	0.14	0.19	6	0.1	0.5	**0.3**	0.03	0.03	*C09*
Other oropharynx	8	0.1	0.6	**0.4**	0.02	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	17	0.3	1.3	**0.9**	0.08	0.09	8	0.1	0.6	**0.4**	0.03	0.05	*C11*
Hypopharynx	14	0.2	1.1	**0.7**	0.04	0.10	1	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	6	0.1	0.5	**0.4**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	90	1.4	7.1	**4.1**	0.22	0.48	15	0.3	1.2	**0.5**	0.03	0.06	*C15*
Stomach	262	4.1	20.7	**11.9**	0.57	1.33	150	2.8	11.5	**6.0**	0.27	0.71	*C16*
Small intestine	34	0.5	2.7	**1.6**	0.11	0.20	29	0.5	2.2	**1.2**	0.07	0.14	*C17*
Colon	790	12.3	62.5	**36.4**	1.68	4.28	715	13.4	54.9	**28.5**	1.40	3.40	*C18*
Rectum	470	7.3	37.2	**22.4**	1.31	2.82	245	4.6	18.8	**10.5**	0.65	1.29	*C19-20*
Anus	8	0.1	0.6	**0.4**	0.02	0.04	17	0.3	1.3	**0.8**	0.06	0.09	*C21*
Liver	50	0.8	4.0	**2.5**	0.13	0.32	24	0.4	1.8	**1.1**	0.05	0.14	*C22*
Gallbladder etc.	30	0.5	2.4	**1.5**	0.08	0.21	39	0.7	3.0	**1.6**	0.11	0.19	*C23-24*
Pancreas	94	1.5	7.4	**4.6**	0.28	0.57	58	1.1	4.5	**2.6**	0.16	0.32	*C25*
Nose, sinuses etc.	11	0.2	0.9	**0.5**	0.02	0.06	5	0.1	0.4	**0.2**	0.00	0.02	*C30-31*
Larynx	98	1.5	7.8	**4.6**	0.24	0.59	14	0.3	1.1	**0.6**	0.05	0.08	*C32*
Trachea, bronchus and lung	931	14.5	73.6	**43.9**	2.02	5.96	572	10.7	43.9	**25.8**	1.47	3.45	*C33-34*
Other thoracic organs	3	0.0	0.2	**0.1**	0.01	0.01	2	0.0	0.2	**0.2**	0.01	0.01	*C37-38*
Bone	14	0.2	1.1	**1.0**	0.07	0.10	11	0.2	0.8	**0.6**	0.04	0.06	*C40-41*
Melanoma of skin	173	2.7	13.7	**8.6**	0.54	0.95	158	3.0	12.1	**7.6**	0.58	0.80	*C43*
Other skin	24		1.9	**1.2**	0.05	0.13	34		2.6	**1.7**	0.10	0.16	*C44*
Mesothelioma	14	0.2	1.1	**0.7**	0.03	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	2	0.0	0.2	**0.1**	0.00	0.00	2	0.0	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	30	0.5	2.4	**1.7**	0.10	0.18	39	0.7	3.0	**2.0**	0.12	0.20	*C47+C49*
Breast	8	0.1	0.6	**0.4**	0.03	0.05	1488	27.9	114.2	**68.2**	4.85	8.01	*C50*
Vulva							36	0.7	2.8	**1.3**	0.05	0.15	*C51*
Vagina							7	0.1	0.5	**0.3**	0.01	0.02	*C52*
Cervix uteri							118	2.2	9.1	**6.7**	0.52	0.63	*C53*
Corpus uteri							304	5.7	23.3	**14.1**	1.09	1.75	*C54*
Uterus unspecified							8	0.1	0.6	**0.4**	0.03	0.04	*C55*
Ovary							116	2.2	8.9	**5.8**	0.41	0.71	*C56*
Other female genital organs							9	0.2	0.7	**0.4**	0.04	0.05	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	18	0.3	1.4	**0.9**	0.06	0.12							*C60*
Prostate	1666	25.9	131.8	**80.7**	4.03	11.19							*C61*
Testis	53	0.8	4.2	**4.0**	0.28	0.31							*C62*
Other male genital organs	3	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	228	3.5	18.0	**11.4**	0.75	1.39	131	2.5	10.1	**6.3**	0.41	0.66	*C64*
Renal pelvis	4	0.1	0.3	**0.2**	0.01	0.03	3	0.1	0.2	**0.1**	0.01	0.02	*C65*
Ureter	4	0.1	0.3	**0.2**	0.01	0.03	2	0.0	0.2	**0.0**	0.00	0.00	*C66*
Bladder	389	6.0	30.8	**17.3**	0.54	1.91	142	2.7	10.9	**5.5**	0.25	0.67	*C67*
Other urinary organs	3	0.0	0.2	**0.1**	0.00	0.01	1	0.0	0.1	**0.1**	0.00	0.00	*C68*
Eye	8	0.1	0.6	**0.4**	0.02	0.04	4	0.1	0.3	**0.2**	0.02	0.02	*C69*
Brain, nervous system	116	1.8	9.2	**7.0**	0.50	0.76	77	1.4	5.9	**4.4**	0.32	0.41	*C70-72*
Thyroid	50	0.8	4.0	**2.7**	0.23	0.31	179	3.4	13.7	**9.5**	0.75	0.95	*C73*
Adrenal gland	3	0.0	0.2	**0.3**	0.02	0.02	3	0.1	0.2	**0.6**	0.03	0.03	*C74*
Other endocrine	3	0.0	0.2	**0.1**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	27	0.4	2.1	**2.1**	0.14	0.18	18	0.3	1.4	**1.5**	0.08	0.12	*C81*
Non-Hodgkin lymphoma	215	3.3	17.0	**11.0**	0.64	1.19	210	3.9	16.1	**9.7**	0.61	1.14	*C82-85,C96*
Immunoproliferative diseases	4	0.1	0.3	**0.2**	0.00	0.03	6	0.1	0.5	**0.2**	0.02	0.02	*C88*
Multiple myeloma	54	0.8	4.3	**2.8**	0.17	0.35	45	0.8	3.5	**1.9**	0.06	0.24	*C90*
Lymphoid leukaemia	40	0.6	3.2	**2.8**	0.19	0.22	19	0.4	1.5	**1.6**	0.10	0.11	*C91*
Myeloid leukaemia	49	0.8	3.9	**2.9**	0.17	0.32	40	0.7	3.1	**2.8**	0.18	0.24	*C92-94*
Leukaemia unspecified	5	0.1	0.4	**0.2**	0.02	0.02	10	0.2	0.8	**0.5**	0.02	0.03	*C95*
Myeloproliferative disorders	5	0.1	0.4	**0.2**	0.00	0.03	7	0.1	0.5	**0.3**	0.01	0.04	*MPD*
Myelodysplastic syndromes	30	0.5	2.4	**1.3**	0.04	0.14	26	0.5	2.0	**1.0**	0.01	0.14	*MDS*
Other and unspecified	149	2.3	11.8	**6.7**	0.34	0.73	166	3.1	12.7	**7.3**	0.41	0.93	*O&U*
All sites	6461		511.0	**314.2**	16.37	38.98	5375		412.6	**245.6**	15.67	28.56	*C00-96*
All sites except C44	6437	100.0	509.1	**313.0**	16.32	38.84	5341	100.0	410.0	**243.9**	15.58	28.40	*C00-96 exc. C44*

Canada, Northwest Territories

REGISTRATION AREA

The Northwest Territories Cancer Registry covers the entire Canadian territory of the Northwest Territories. The territory is extremely sparsely populated, with a population at the 2012 census of approximately 43 000, spread over an area of more than 1.3 million km^2. Approximately half of the territory's residents live in the capital city, Yellowknife; the remainder live in 32 small communities and regional administrative centres spread throughout the territory and ranging in population at the 2012 census from 50 to 3600. Of the territory's total population, 51% of residents are Aboriginal (including First Nations, Inuit, and Métis). The majority of non-Aboriginal residents (71%) live in the capital, whereas the majority of Aboriginal residents (79%) live in small communities and regional centres.

CANCER CARE FACILITIES

The Stanton Territorial Hospital in Yellowknife provides chemotherapy services and basic cancer surgeries. For all other cancer services, patients travel to the Cross Cancer Institute in Edmonton, Alberta.

REGISTRY STRUCTURE AND METHODS

Reporting of all cancer cases to the registry is mandatory under the territory's Public Health Act. Registry data are assembled and verified by a senior disease registry officer in the Population Health Division of the Northwest Territories Department of Health and Social Services.

INTERPRETING THE RESULTS

There were no organized screening programmes in the territory until a mammography programme was implemented in 2010. Incidental screening has been available for longer, but there are no data on coverage rates until 2007 for Pap testing, 2009 for faecal immunochemical testing (FIT) and faecal occult blood testing (FOBT), and 2010 for mammography.

USE OF THE DATA

Registry data are used for analysis and reporting. Due to the small population of the Northwest Territories, cancer rates are calculated as 3- or 5-year averages, and the territory publishes a cancer report every 10 years, so that data can be aggregated to provide the statistical power necessary for comparative analysis. The most recent report, *Cancer in the Northwest Territories 2001–2010*, was released in early 2014 and includes Northwest Territories cancer incidence and mortality statistics, as well as information about cancer screening rates, cancer risk factors, and programmes and services offered in the Northwest Territories.

CONTRIBUTORS

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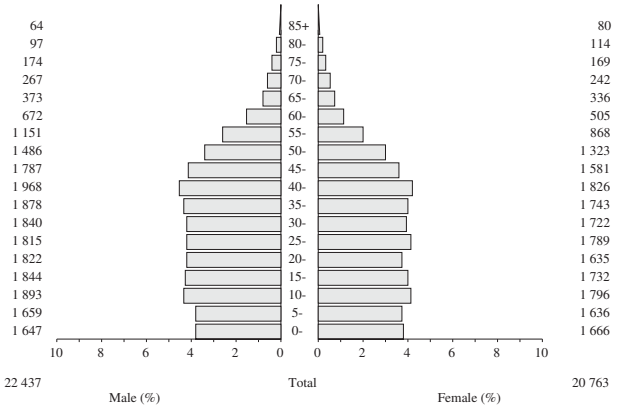
Canada, Northwest Territories (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

NOTES ON THE DATA

*Rates based on low numbers due to small population. High MV%. Low DCO rates.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	82.6	Breast	85.6
Trachea, bronchus and lung	49.9	Trachea, bronchus and lung	48.4
Colon	41.3	Colon	21.5
Rectum	29.5	Rectum	20.4
Non-Hodgkin lymphoma	16.5	Corpus uteri	11.3
Bladder	9.3	Thyroid	9.1
Pancreas	8.1	Bladder	9.1
Kidney	6.9	Stomach	8.6
Stomach	6.4	Kidney	7.2
Other and unspecified	5.9	Cervix uteri	6.1
All sites	326.3	All sites	287.6

*Canada, Northwest Territories (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	2	0.7	1.8	**2.2**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	2	0.7	1.8	**2.1**	0.05	0.43	1	0.4	1.0	**0.7**	0.05	0.05	*C01-02*
Mouth	3	1.0	2.7	**2.5**	0.27	0.27	1	0.4	1.0	**1.6**	0.20	0.20	*C03-06*
Salivary glands	3	1.0	2.7	**2.3**	0.10	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C07-08*
Tonsil	3	1.0	2.7	**2.5**	0.26	0.26	1	0.4	1.0	**1.8**	0.00	0.30	*C09*
Other oropharynx	2	0.7	1.8	**1.9**	0.24	0.24	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	4	1.3	3.6	**4.1**	0.26	0.53	2	0.7	1.9	**2.4**	0.08	0.49	*C11*
Hypopharynx	3	1.0	2.7	**3.6**	0.45	0.45	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	3	1.0	2.7	**2.5**	0.29	0.29	1	0.4	1.0	**1.7**	0.00	0.41	*C15*
Stomach	6	2.0	5.3	**6.4**	0.35	0.61	8	3.0	7.7	**8.6**	0.50	0.91	*C16*
Small intestine	1	0.3	0.9	**0.7**	0.06	0.06	1	0.4	1.0	**1.7**	0.00	0.41	*C17*
Colon	34	11.4	30.3	**41.3**	1.22	5.62	18	6.7	17.3	**21.5**	0.57	2.82	*C18*
Rectum	29	9.7	25.8	**29.5**	1.34	2.79	20	7.5	19.3	**20.4**	1.45	2.45	*C19-20*
Anus	0	0.0	0.0	**0.0**	0.00	0.00	2	0.7	1.9	**1.7**	0.18	0.18	*C21*
Liver	2	0.7	1.8	**2.3**	0.09	0.36	2	0.7	1.9	**1.8**	0.23	0.23	*C22*
Gallbladder etc.	3	1.0	2.7	**3.8**	0.15	0.42	2	0.7	1.9	**1.6**	0.17	0.17	*C23-24*
Pancreas	8	2.7	7.1	**8.1**	0.44	1.09	4	1.5	3.9	**5.1**	0.06	0.65	*C25*
Nose, sinuses etc.	2	0.7	1.8	**1.9**	0.22	0.22	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	2	0.7	1.8	**1.3**	0.14	0.14	2	0.7	1.9	**2.4**	0.06	0.48	*C32*
Trachea, bronchus and lung	41	13.7	36.5	**49.9**	1.38	5.88	38	14.2	36.6	**48.4**	2.15	6.64	*C33-34*
Other thoracic organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	1	0.3	0.9	**1.0**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C40-41*
Melanoma of skin	5	1.7	4.5	**3.8**	0.24	0.24	5	1.9	4.8	**3.8**	0.36	0.36	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	1		1.0	**0.9**	0.12	0.12	*C44*
Mesothelioma	1	0.3	0.9	**1.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.3	0.9	**1.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	2	0.7	1.8	**1.3**	0.14	0.14	0	0.0	0.0	**0.0**	0.00	0.00	*C47+C49*
Breast	0	0.0	0.0	**0.0**	0.00	0.00	87	32.5	83.8	**85.6**	6.40	9.95	*C50*
Vulva							1	0.4	1.0	**1.2**	0.00	0.00	*C51*
Vagina							1	0.4	1.0	**1.7**	0.00	0.41	*C52*
Cervix uteri							7	2.6	6.7	**6.1**	0.53	0.53	*C53*
Corpus uteri							11	4.1	10.6	**11.3**	0.76	1.36	*C54*
Uterus unspecified							1	0.4	1.0	**0.7**	0.06	0.06	*C55*
Ovary							3	1.1	2.9	**2.4**	0.18	0.18	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							1	0.4	1.0	**0.9**	0.06	0.06	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	70	23.4	62.4	**82.6**	3.84	11.18							*C61*
Testis	6	2.0	5.3	**4.2**	0.34	0.34							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	7	2.3	6.2	**6.9**	0.26	0.90	6	2.2	5.8	**7.2**	0.29	1.00	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.3	0.9	**0.7**	0.07	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	7	2.3	6.2	**9.3**	0.22	1.29	8	3.0	7.7	**9.1**	0.67	1.50	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.4	1.0	**1.2**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	4	1.3	3.6	**2.9**	0.25	0.25	4	1.5	3.9	**4.5**	0.37	0.37	*C70-72*
Thyroid	4	1.3	3.6	**3.3**	0.31	0.31	9	3.4	8.7	**9.1**	0.97	0.97	*C73*
Adrenal gland	1	0.3	0.9	**1.2**	0.15	0.15	1	0.4	1.0	**1.7**	0.00	0.41	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	1	0.3	0.9	**0.7**	0.06	0.06	1	0.4	1.0	**0.7**	0.06	0.06	*C81*
Non-Hodgkin lymphoma	15	5.0	13.4	**16.5**	0.71	2.16	5	1.9	4.8	**4.6**	0.34	0.34	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	3	1.0	2.7	**4.1**	0.00	0.75	1	0.4	1.0	**1.7**	0.00	0.41	*C90*
Lymphoid leukaemia	5	1.7	4.5	**5.1**	0.29	0.55	4	1.5	3.9	**3.7**	0.29	0.29	*C91*
Myeloid leukaemia	5	1.7	4.5	**4.0**	0.25	0.25	2	0.7	1.9	**2.5**	0.06	0.35	*C92-94*
Leukaemia unspecified	1	0.3	0.9	**0.9**	0.05	0.05	1	0.4	1.0	**1.2**	0.00	0.00	*C95*
Myeloproliferative disorders	1	0.3	0.9	**0.7**	0.07	0.07	2	0.7	1.9	**1.7**	0.11	0.11	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	5	1.7	4.5	**5.9**	0.26	0.90	3	1.1	2.9	**2.9**	0.06	0.06	*O&U*
All sites	299		266.5	**326.3**	14.83	39.42	269		259.1	**287.6**	17.39	35.31	*C00-96*
All sites except C44	299	100.0	266.5	**326.3**	14.83	39.42	268	100.0	258.1	**286.7**	17.27	35.20	*C00-96 exc. C44*

*See note following population pyramid

Canada, Nova Scotia

REGISTRATION AREA

The Nova Scotia Cancer Registry covers the province of Nova Scotia, which is located on Canada's east coast. Other than an isthmus connecting Nova Scotia to the adjacent province of New Brunswick, the province is completely surrounded by the Atlantic Ocean. Nova Scotia has an area of approximately 55 940 km^2, and at the 2011 national census its population was 922 000, with 65% of residents living within a census metropolitan area.

CANCER CARE FACILITIES

Nova Scotia residents are covered by a publicly funded comprehensive health insurance programme, which includes family physician visits and hospital-based care, accessed through a unique, lifetime-assigned health card number. Nine district health authorities, funded by the Nova Scotia Department of Health and Wellness (DHW), manage health care services (e.g. hospitals, home care, and public health) in their assigned geographical districts. Cancer care is highly centralized and is coordinated through a DHW provincial cancer programme. Two main cancer centres offer specialized treatment (e.g. radiation treatment services), with numerous satellite clinics throughout the province for specialist oncology referral, chemotherapy, and follow-up.

REGISTRY STRUCTURE AND METHODS

Nova Scotia's population-based cancer registry is operated as part of the provincial cancer programme funded by the government; 14 programme staff members (registrars, analysts, and administrators) work with abstraction staff members located at cancer centres to collect data. Cancer has been a reportable disease in Nova Scotia since 1964, and multiple reporting sources (e.g. pathology laboratories, hospital records, and cancer centre referrals) are used to ensure completeness. As of 2004, standardized stage data are now part of routine data abstraction. Only limited treatment data are collected, but expansion of this function is planned. Routine linkage with vital statistics death data began with cases diagnosed in 1969. Nova Scotia follows the standards outlined by the Canadian Council of Cancer Registries.

INTERPRETING THE RESULTS

Nova Scotia has organized, population-based screening programmes for several cancers. The cervical cancer screening programme began in 1992, the breast cancer screening programme began in 1991 and was phased in over time, and the colorectal cancer screening programme began in 2009 and is still being phased in.

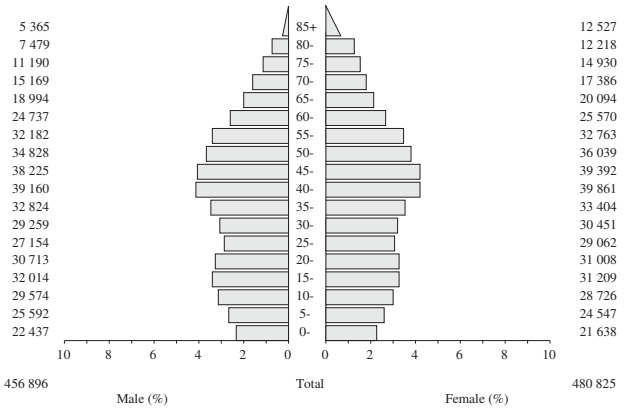
USE OF THE DATA

Registry data are reported annually to the Canadian Cancer Registry and submitted to the North American Association of Central Cancer Registries (NAACCR) for certification and inclusion in the publication *Cancer in North America*. Provincial data (e.g. incidence, mortality, and survival data) are reported annually to local stakeholders and used for programme evaluation and planning purposes. Data are frequently made available for use in approved studies.

CONTRIBUTORS

Maureen MacIntyre Ron Dewar

Canada, Nova Scotia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	103.5	Breast	76.6
Trachea, bronchus and lung	58.3	Trachea, bronchus and lung	39.7
Colon	30.3	Colon	24.2
Bladder	22.8	Corpus uteri	14.9
Rectum	20.0	Melanoma of skin	13.2
Non-Hodgkin lymphoma	15.1	Non-Hodgkin lymphoma	11.2
Melanoma of skin	14.9	Thyroid	10.0
Kidney	14.2	Rectum	9.7
Other and unspecified	10.6	Kidney	8.7
Stomach	8.2	Cervix uteri	8.1
All sites	383.0	All sites	286.0

Canada, Nova Scotia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	64	0.4	2.8	**1.8**	0.10	0.21	13	0.1	0.5	**0.3**	0.01	0.03	*C00*
Tongue	96	0.7	4.2	**2.7**	0.19	0.33	35	0.3	1.5	**0.8**	0.05	0.08	*C01-02*
Mouth	64	0.4	2.8	**1.8**	0.13	0.21	54	0.4	2.2	**1.2**	0.07	0.13	*C03-06*
Salivary glands	21	0.1	0.9	**0.6**	0.04	0.07	14	0.1	0.6	**0.4**	0.02	0.04	*C07-08*
Tonsil	73	0.5	3.2	**2.1**	0.18	0.25	18	0.1	0.7	**0.5**	0.05	0.06	*C09*
Other oropharynx	18	0.1	0.8	**0.5**	0.03	0.06	4	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	15	0.1	0.7	**0.5**	0.04	0.05	6	0.0	0.2	**0.1**	0.00	0.02	*C11*
Hypopharynx	30	0.2	1.3	**0.8**	0.03	0.11	10	0.1	0.4	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	14	0.1	0.6	**0.4**	0.02	0.05	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	222	1.5	9.7	**5.8**	0.30	0.73	69	0.6	2.9	**1.3**	0.05	0.15	*C15*
Stomach	328	2.2	14.4	**8.2**	0.42	0.90	155	1.2	6.4	**2.9**	0.13	0.34	*C16*
Small intestine	54	0.4	2.4	**1.5**	0.06	0.19	46	0.4	1.9	**1.1**	0.06	0.14	*C17*
Colon	1234	8.4	54.0	**30.3**	1.30	3.55	1286	10.3	53.5	**24.2**	1.07	2.74	*C18*
Rectum	780	5.3	34.1	**20.0**	1.08	2.45	453	3.6	18.8	**9.7**	0.51	1.14	*C19-20*
Anus	34	0.2	1.5	**0.9**	0.05	0.09	47	0.4	2.0	**1.1**	0.07	0.10	*C21*
Liver	122	0.8	5.3	**3.1**	0.18	0.41	52	0.4	2.2	**1.3**	0.06	0.13	*C22*
Gallbladder etc.	91	0.6	4.0	**2.2**	0.08	0.23	110	0.9	4.6	**2.0**	0.09	0.25	*C23-24*
Pancreas	308	2.1	13.5	**7.7**	0.38	0.88	334	2.7	13.9	**6.1**	0.28	0.66	*C25*
Nose, sinuses etc.	21	0.1	0.9	**0.6**	0.03	0.08	12	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	150	1.0	6.6	**4.0**	0.21	0.53	28	0.2	1.2	**0.7**	0.05	0.09	*C32*
Trachea, bronchus and lung	2363	16.2	103.4	**58.3**	2.43	7.28	1816	14.5	75.5	**39.7**	2.07	5.20	*C33-34*
Other thoracic organs	17	0.1	0.7	**0.4**	0.01	0.05	8	0.1	0.3	**0.2**	0.01	0.03	*C37-38*
Bone	20	0.1	0.9	**0.9**	0.06	0.06	21	0.2	0.9	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	529	3.6	23.2	**14.9**	0.95	1.69	507	4.0	21.1	**13.2**	0.98	1.39	*C43*
Other skin	48		2.1	**1.2**	0.06	0.12	46		1.9	**1.0**	0.04	0.12	*C44*
Mesothelioma	43	0.3	1.9	**1.0**	0.03	0.10	16	0.1	0.7	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	4	0.0	0.2	**0.1**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	96	0.7	4.2	**2.7**	0.16	0.26	83	0.7	3.5	**2.3**	0.14	0.22	*C47+C49*
Breast	37	0.3	1.6	**0.9**	0.04	0.12	3226	25.8	134.2	**76.6**	5.18	8.82	*C50*
Vulva							83	0.7	3.5	**1.8**	0.11	0.19	*C51*
Vagina							33	0.3	1.4	**0.7**	0.05	0.07	*C52*
Cervix uteri							262	2.1	10.9	**8.1**	0.63	0.76	*C53*
Corpus uteri							607	4.8	25.2	**14.9**	1.09	1.90	*C54*
Uterus unspecified							13	0.1	0.5	**0.2**	0.01	0.02	*C55*
Ovary							320	2.6	13.3	**7.3**	0.46	0.84	*C56*
Other female genital organs							21	0.2	0.9	**0.5**	0.03	0.07	*C57*
Placenta							1	0.0	0.0	**0.1**	0.00	0.00	*C58*
Penis	30	0.2	1.3	**0.8**	0.05	0.10							*C60*
Prostate	3969	27.1	173.7	**103.5**	5.15	13.97							*C61*
Testis	135	0.9	5.9	**5.8**	0.41	0.43							*C62*
Other male genital organs	4	0.0	0.2	**0.1**	0.00	0.00							*C63*
Kidney	526	3.6	23.0	**14.2**	0.88	1.66	363	2.9	15.1	**8.7**	0.55	1.02	*C64*
Renal pelvis	22	0.2	1.0	**0.5**	0.02	0.06	8	0.1	0.3	**0.1**	0.00	0.02	*C65*
Ureter	32	0.2	1.4	**0.7**	0.03	0.06	11	0.1	0.5	**0.2**	0.01	0.02	*C66*
†Bladder	946	6.5	41.4	**22.8**	0.98	2.64	344	2.7	14.3	**6.9**	0.37	0.78	*C67*
Other urinary organs	7	0.0	0.3	**0.1**	0.01	0.01	4	0.0	0.2	**0.1**	0.00	0.00	*C68*
Eye	33	0.2	1.4	**1.0**	0.07	0.10	19	0.2	0.8	**0.6**	0.03	0.04	*C69*
Brain, nervous system	206	1.4	9.0	**6.7**	0.46	0.68	157	1.3	6.5	**4.3**	0.27	0.43	*C70-72*
Thyroid	118	0.8	5.2	**3.6**	0.26	0.38	331	2.6	13.8	**10.0**	0.77	0.96	*C73*
Adrenal gland	5	0.0	0.2	**0.3**	0.01	0.02	7	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	4	0.0	0.2	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	80	0.5	3.5	**3.3**	0.23	0.26	70	0.6	2.9	**2.7**	0.19	0.21	*C81*
Non-Hodgkin lymphoma	553	3.8	24.2	**15.1**	0.90	1.70	488	3.9	20.3	**11.2**	0.69	1.26	*C82-85,C96*
Immunoproliferative diseases	12	0.1	0.5	**0.3**	0.01	0.04	6	0.0	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	155	1.1	6.8	**3.8**	0.18	0.46	125	1.0	5.2	**2.5**	0.15	0.30	*C90*
Lymphoid leukaemia	191	1.3	8.4	**5.9**	0.31	0.60	140	1.1	5.8	**3.7**	0.19	0.38	*C91*
Myeloid leukaemia	147	1.0	6.4	**4.1**	0.23	0.43	110	0.9	4.6	**2.3**	0.12	0.21	*C92-94*
Leukaemia unspecified	32	0.2	1.4	**0.9**	0.04	0.08	30	0.2	1.2	**0.6**	0.02	0.06	*C95*
Myeloproliferative disorders	58	0.4	2.5	**1.6**	0.08	0.20	58	0.5	2.4	**1.3**	0.06	0.15	*MPD*
Myelodysplastic syndromes	65	0.4	2.8	**1.5**	0.04	0.16	62	0.5	2.6	**1.0**	0.03	0.09	*MDS*
Other and unspecified	443	3.0	19.4	**10.6**	0.43	1.16	428	3.4	17.8	**7.3**	0.33	0.76	*O&U*
All sites	14669		642.1	**383.0**	19.41	46.28	12574		523.0	**286.0**	17.29	32.66	*C00-96*
All sites except C44	14621	100.0	640.0	**381.9**	19.36	46.16	12528	100.0	521.1	**285.1**	17.25	32.55	*C00-96 exc. C44*

† See note following population pyramid

Canada, Ontario

REGISTRATION AREA
The Ontario Cancer Registry (OCR) covers the entire population of the Canadian province of Ontario.

CANCER CARE FACILITIES
The Ontario cancer care system is organized into Regional Cancer Programs (RCPs) corresponding with the province's 14 Local Health Integration Networks (LHINs). RCPs are networks of health care providers (including regional cancer centres) and stakeholders (including patient groups involved in providing cancer prevention, screening, diagnostic, and treatment services) in the LHINs. Each RCP is led by a Cancer Care Ontario Regional Vice President, who also leads that LHIN's regional cancer centre (RCC). Ontario's RCPs were established in 2005 to respond to local cancer issues and needs; to meet provincial quality standards for cancer services locally; and to improve wait times, access, and quality of services by managing and coordinating care across local and regional providers – including hospitals, Community Care Access Centres (CCACs), public health care facilities, and primary care facilities.

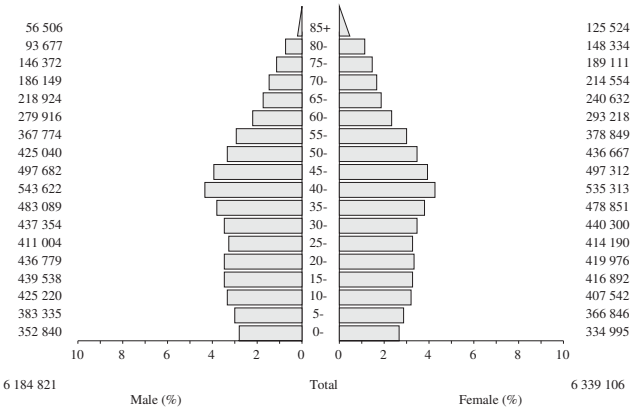
REGISTRY STRUCTURE AND METHODS
The OCR is a computerized database of information about all Ontario residents who have been newly diagnosed with cancer (incidence data) or who have died of cancer (mortality data). All new cases of cancer are registered, except cases of non-melanoma skin cancer. Close to 400 000 records are submitted to the OCR each year. Cancer is not a reportable disease in Ontario; therefore, submission of data to the OCR is voluntary.

INTERPRETING THE RESULTS
There are three Ontario-wide cancer screening programmes, for breast, cervical, and colorectal cancer. These programmes are administered by Cancer Care Ontario. The Ontario Breast Screening Program (OBSP) provides screening mammography services for women aged 50–74 years who are at average risk of developing the disease, and for women aged 30–69 years who are at high risk. Women at average risk are offered mammography once every 2 years. The Ontario Cervical Screening Program recommends Pap testing every 3 years (starting at age 21 years) for all women who are or have ever been sexually active. Pap testing can stop at age 70 years for women who have had three or more normal tests in the previous 10 years. Ontario's ColonCancerCheck screening programme offers faecal occult blood testing (FOBT) every 2 years to residents aged 50 years or more who are at average risk.

USE OF THE DATA
OCR data are used for the following purposes: surveillance (examination of trends in cancer incidence and mortality rates and analysis of geographical variation in cancer rates across the province); dissemination of data to the Canadian Cancer Registry at Statistics Canada (annually), the North American Association of Central Cancer Registries (annually), and IARC; population-based epidemiological studies; research studies; linkage of data to other databases, such as the OBSP's Integrated Client Management System; and annual reporting of cancer statistics to the public.

CONTRIBUTORS
Mary Jane King Diane Nishri

Canada, Ontario (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	97.7	Breast	78.5
Trachea, bronchus and lung	41.7	Trachea, bronchus and lung	30.6
Colon	26.6	Colon	20.1
Non-Hodgkin lymphoma	14.7	Thyroid	18.1
Rectum	14.1	Corpus uteri	16.1
Bladder	13.4	Non-Hodgkin lymphoma	10.7
Melanoma of skin	11.9	Melanoma of skin	10.2
Other and unspecified	11.1	Ovary	10.0
Kidney	9.9	Other and unspecified	8.3
Stomach	7.3	Rectum	7.4
All sites	330.9	All sites	274.6

Canada, Ontario (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	500	0.3	1.6	**1.0**	0.05	0.12	195	0.1	0.6	**0.3**	0.01	0.03	*C00*
Tongue	1056	0.7	3.4	**2.4**	0.18	0.28	516	0.4	1.6	**1.0**	0.07	0.12	*C01-02*
Mouth	768	0.5	2.5	**1.7**	0.11	0.21	532	0.4	1.7	**1.0**	0.05	0.11	*C03-06*
Salivary glands	540	0.4	1.7	**1.2**	0.07	0.12	374	0.3	1.2	**0.8**	0.05	0.09	*C07-08*
Tonsil	614	0.4	2.0	**1.4**	0.11	0.18	186	0.1	0.6	**0.4**	0.03	0.05	*C09*
Other oropharynx	163	0.1	0.5	**0.4**	0.03	0.05	56	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	324	0.2	1.0	**0.8**	0.06	0.08	158	0.1	0.5	**0.4**	0.03	0.04	*C11*
Hypopharynx	299	0.2	1.0	**0.7**	0.04	0.08	57	0.0	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	191	0.1	0.6	**0.4**	0.03	0.05	91	0.1	0.3	**0.2**	0.01	0.02	*C14*
Oesophagus	2076	1.4	6.7	**4.4**	0.24	0.54	757	0.5	2.4	**1.2**	0.05	0.14	*C15*
Stomach	3503	2.3	11.3	**7.3**	0.34	0.85	2015	1.4	6.4	**3.3**	0.16	0.36	*C16*
Small intestine	610	0.4	2.0	**1.3**	0.07	0.16	501	0.4	1.6	**0.9**	0.06	0.11	*C17*
Colon	12765	8.4	41.3	**26.6**	1.21	3.25	12327	8.7	38.9	**20.1**	0.92	2.33	*C18*
Rectum	6535	4.3	21.1	**14.1**	0.77	1.75	4200	3.0	13.3	**7.4**	0.41	0.87	*C19-20*
Anus	585	0.4	1.9	**1.3**	0.07	0.15	693	0.5	2.2	**1.4**	0.09	0.16	*C21*
Liver	2134	1.4	6.9	**4.7**	0.29	0.57	800	0.6	2.5	**1.5**	0.07	0.17	*C22*
Gallbladder etc.	813	0.5	2.6	**1.7**	0.07	0.21	969	0.7	3.1	**1.6**	0.07	0.19	*C23-24*
Pancreas	3029	2.0	9.8	**6.4**	0.32	0.78	3184	2.3	10.0	**5.0**	0.22	0.56	*C25*
Nose, sinuses etc.	226	0.1	0.7	**0.5**	0.03	0.05	167	0.1	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	1602	1.1	5.2	**3.5**	0.20	0.45	351	0.2	1.1	**0.7**	0.04	0.09	*C32*
Trachea, bronchus and lung	20111	13.3	65.0	**41.7**	1.81	5.26	17002	12.0	53.6	**30.6**	1.57	3.92	*C33-34*
Other thoracic organs	204	0.1	0.7	**0.5**	0.03	0.05	166	0.1	0.5	**0.4**	0.02	0.04	*C37-38*
Bone	389	0.3	1.3	**1.1**	0.07	0.09	296	0.2	0.9	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	5370	3.5	17.4	**11.9**	0.73	1.33	4782	3.4	15.1	**10.2**	0.72	1.04	*C43*
Other skin	78		0.3	**0.2**	0.01	0.02	82		0.3	**0.2**	0.01	0.02	*C44*
Mesothelioma	567	0.4	1.8	**1.2**	0.05	0.16	116	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	57	0.0	0.2	**0.1**	0.01	0.01	10	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	1231	0.8	4.0	**3.0**	0.18	0.29	957	0.7	3.0	**2.2**	0.15	0.21	*C47+C49*
Breast	353	0.2	1.1	**0.7**	0.04	0.08	38469	27.2	121.4	**78.5**	5.65	9.06	*C50*
Vulva							827	0.6	2.6	**1.4**	0.08	0.15	*C51*
Vagina							251	0.2	0.8	**0.5**	0.03	0.06	*C52*
Cervix uteri							2644	1.9	8.3	**6.2**	0.49	0.59	*C53*
Corpus uteri							7844	5.5	24.7	**16.1**	1.16	2.02	*C54*
Uterus unspecified							260	0.2	0.8	**0.5**	0.03	0.05	*C55*
Ovary							4927	3.5	15.5	**10.0**	0.68	1.12	*C56*
Other female genital organs							578	0.4	1.8	**1.2**	0.08	0.14	*C57*
Placenta							15	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	233	0.2	0.8	**0.5**	0.03	0.06							*C60*
Prostate	44308	29.3	143.3	**97.7**	4.89	13.26							*C61*
Testis	1630	1.1	5.3	**4.8**	0.35	0.37							*C62*
Other male genital organs	92	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	4364	2.9	14.1	**9.9**	0.65	1.16	2920	2.1	9.2	**5.7**	0.35	0.66	*C64*
Renal pelvis	166	0.1	0.5	**0.3**	0.02	0.04	165	0.1	0.5	**0.3**	0.01	0.03	*C65*
Ureter	171	0.1	0.6	**0.3**	0.01	0.04	118	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	6722	4.4	21.7	**13.4**	0.51	1.56	2407	1.7	7.6	**3.7**	0.16	0.42	*C67*
Other urinary organs	766	0.5	2.5	**1.6**	0.06	0.19	255	0.2	0.8	**0.4**	0.02	0.05	*C68*
Eye	287	0.2	0.9	**0.7**	0.04	0.07	231	0.2	0.7	**0.6**	0.04	0.05	*C69*
Brain, nervous system	2626	1.7	8.5	**6.7**	0.41	0.69	2074	1.5	6.5	**4.9**	0.31	0.47	*C70-72*
Thyroid	1914	1.3	6.2	**4.8**	0.36	0.49	7289	5.2	23.0	**18.1**	1.46	1.73	*C73*
Adrenal gland	113	0.1	0.4	**0.4**	0.02	0.03	139	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	76	0.1	0.2	**0.2**	0.01	0.02	69	0.0	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	962	0.6	3.1	**2.8**	0.19	0.23	796	0.6	2.5	**2.3**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	6553	4.3	21.2	**14.7**	0.84	1.65	5629	4.0	17.8	**10.7**	0.64	1.22	*C82-85,C96*
Immunoproliferative diseases	79	0.1	0.3	**0.1**	0.01	0.02	35	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	2113	1.4	6.8	**4.3**	0.22	0.49	1857	1.3	5.9	**3.1**	0.15	0.37	*C90*
Lymphoid leukaemia	2935	1.9	9.5	**7.3**	0.37	0.73	1920	1.4	6.1	**4.1**	0.20	0.39	*C91*
Myeloid leukaemia	1727	1.1	5.6	**3.8**	0.19	0.39	1417	1.0	4.5	**2.8**	0.16	0.29	*C92-94*
Leukaemia unspecified	318	0.2	1.0	**0.6**	0.03	0.05	328	0.2	1.0	**0.5**	0.02	0.04	*C95*
Myeloproliferative disorders	661	0.4	2.1	**1.4**	0.07	0.16	607	0.4	1.9	**1.1**	0.06	0.13	*MPD*
Myelodysplastic syndromes	525	0.3	1.7	**1.0**	0.03	0.11	367	0.3	1.2	**0.6**	0.02	0.06	*MDS*
Other and unspecified	5474	3.6	17.7	**11.1**	0.48	1.18	5505	3.9	17.4	**8.3**	0.36	0.84	*O&U*
All sites	151508		489.9	**330.9**	16.99	40.23	141483		446.4	**274.6**	17.28	31.01	*C00-96*
All sites except C44	151430	100.0	489.7	**330.7**	16.98	40.21	141401	100.0	446.1	**274.4**	17.26	30.99	*C00-96 exc. C44*

Canada, Prince Edward Island

REGISTRATION AREA

The Prince Edward Island Cancer Registry covers all of the Canadian province of Prince Edward Island, which is situated in the south-west of the Gulf of Saint Lawrence. At the 2011 census, the province's population was 140 000, with 58% of residents living in Charlottetown or Summerside. In 2012, it was estimated that 48.8% of the population was male and 51.2% female. The large majority of the population of Prince Edward Island is of British origin, followed by French origin, with smaller numbers of residents of other European origins.

CANCER CARE FACILITIES

The registry is located in the Prince Edward Island Cancer Treatment Centre at the Queen Elizabeth Hospital in Charlottetown, and is part of Health PEI, the province's health system. The Prince Edward Island Cancer Treatment Centre houses two linear accelerators and provides all radiotherapy services for the province. Medical oncology services are also offered at the centre, as well as in two satellite centres – Prince County Hospital in Summerside and Kings County Memorial Hospital in Montague.

REGISTRY STRUCTURE AND METHODS

The registry began operation in 1969. Cancer is a reportable disease in the province, as per the province's Public Health Act. The registry staff consists of a full-time registry manager and two full-time cancer registrars. The information collected includes demographics, cancer-specific diagnostic information, stage at diagnosis, and some treatment information. The registry's main data source is pathology reports with a diagnosis of cancer, which are received electronically. Approximately 95% of all cancers in Prince Edward Island are captured by this method. Other data sources consist of cancer treatment centre charts, hospital discharge data, death notifications, and notifications from other provinces. The province has an Electronic Health Records system, which has greatly improved the follow-up and trace-back processes for cancer abstracting and has allowed the registry to expand its data collection to include staging on a population basis, starting with the 2009 diagnosis year. Collection of some treatment data also began that year.

INTERPRETING THE RESULTS

The Prince Edward Island Breast Screening Program was established in 1998, and the screening database stores information about screening events. The programme provides these data annually to the Public Health Agency of Canada (PHAC) for inclusion in the Canadian Breast Cancer Screening Database. The Prince Edward Island Colorectal Cancer Screening Program targets men and women at average risk of colorectal cancer and screens individuals every 2 years using the faecal immunochemical test (FIT). This programme was launched provincially in the spring of 2011 and has an uptake of about 15% of the eligible population. Prince Edward Island does not have an organized cervical cancer screening programme, but Pap tests are available through primary health care providers and the Prince Edward Island Pap Screening Clinic. A review of the Pap tests administered from 2009 to 2011 showed that the cervical cancer screening rate in the province was 67%. Prince Edward Island's Cervical Cancer Screening Guidelines were revised in October 2013.

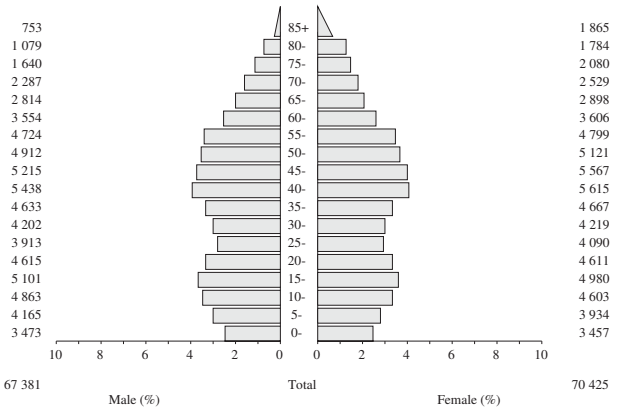
USE OF THE DATA

The report *Prince Edward Island Cancer Trends 1980–2009* was released in 2012. It reports trends in cancer incidence, mortality, and survival in the province.

CONTRIBUTOR

Kim Vriends

Canada, Prince Edward Island (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	125.2	Breast	75.9
Trachea, bronchus and lung	51.2	Trachea, bronchus and lung	39.5
Colon	26.0	Colon	22.4
Bladder	20.5	Corpus uteri	15.5
Rectum	19.1	Melanoma of skin	13.3
Non-Hodgkin lymphoma	16.0	Non-Hodgkin lymphoma	11.2
Melanoma of skin	14.8	Rectum	10.4
Kidney	14.3	Cervix uteri	7.8
Lymphoid leukaemia	10.6	Ovary	6.8
Other and unspecified	8.7	Kidney	6.6
All sites	398.0	All sites	276.8

Canada, Prince Edward Island (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	8	0.4	2.4	**1.3**	0.10	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	9	0.4	2.7	**1.6**	0.11	0.19	5	0.3	1.4	**0.8**	0.02	0.13	*C01-02*
Mouth	8	0.4	2.4	**1.7**	0.09	0.20	15	0.9	4.3	**2.4**	0.15	0.29	*C03-06*
Salivary glands	1	0.0	0.3	**0.1**	0.00	0.00	5	0.3	1.4	**0.6**	0.05	0.05	*C07-08*
Tonsil	8	0.4	2.4	**1.6**	0.13	0.20	2	0.1	0.6	**0.4**	0.04	0.04	*C09*
Other oropharynx	1	0.0	0.3	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	1	0.0	0.3	**0.2**	0.02	0.02	1	0.1	0.3	**0.1**	0.00	0.00	*C11*
Hypopharynx	5	0.2	1.5	**1.0**	0.08	0.12	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.1	0.6	**0.4**	0.03	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	27	1.2	8.0	**5.0**	0.32	0.63	9	0.5	2.6	**1.2**	0.05	0.12	*C15*
Stomach	35	1.6	10.4	**6.1**	0.29	0.73	27	1.6	7.7	**4.3**	0.13	0.58	*C16*
Small intestine	7	0.3	2.1	**1.2**	0.07	0.15	10	0.6	2.8	**1.4**	0.09	0.13	*C17*
Colon	157	7.2	46.6	**26.0**	1.03	3.11	172	10.0	48.8	**22.4**	0.97	2.58	*C18*
Rectum	108	4.9	32.1	**19.1**	1.13	2.35	70	4.1	19.9	**10.4**	0.62	1.22	*C19-20*
Anus	2	0.1	0.6	**0.4**	0.04	0.04	8	0.5	2.3	**1.5**	0.10	0.17	*C21*
Liver	24	1.1	7.1	**4.5**	0.15	0.47	6	0.3	1.7	**1.0**	0.09	0.13	*C22*
Gallbladder etc.	6	0.3	1.8	**1.1**	0.05	0.17	17	1.0	4.8	**2.2**	0.04	0.30	*C23-24*
Pancreas	49	2.2	14.5	**8.6**	0.41	1.18	43	2.5	12.2	**5.0**	0.27	0.49	*C25*
Nose, sinuses etc.	3	0.1	0.9	**0.6**	0.02	0.10	2	0.1	0.6	**0.2**	0.02	0.02	*C30-31*
Larynx	26	1.2	7.7	**4.9**	0.30	0.66	3	0.2	0.9	**0.6**	0.03	0.10	*C32*
Trachea, bronchus and lung	308	14.1	91.4	**51.2**	2.04	6.29	253	14.7	71.8	**39.5**	2.04	5.12	*C33-34*
Other thoracic organs	2	0.1	0.6	**0.6**	0.04	0.04	1	0.1	0.3	**0.2**	0.00	0.03	*C37-38*
Bone	2	0.1	0.6	**0.9**	0.04	0.04	2	0.1	0.6	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	79	3.6	23.4	**14.8**	0.88	1.63	71	4.1	20.2	**13.3**	0.90	1.33	*C43*
Other skin	6		1.8	**1.2**	0.10	0.10	7		2.0	**0.9**	0.04	0.08	*C44*
Mesothelioma	5	0.2	1.5	**0.8**	0.05	0.05	1	0.1	0.3	**0.2**	0.00	0.03	*C45*
Kaposi sarcoma	1	0.0	0.3	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	8	0.4	2.4	**1.6**	0.10	0.18	7	0.4	2.0	**1.5**	0.05	0.13	*C47+C49*
Breast	4	0.2	1.2	**0.6**	0.02	0.02	449	26.0	127.5	**75.9**	5.30	8.87	*C50*
Vulva							7	0.4	2.0	**0.8**	0.05	0.09	*C51*
Vagina							3	0.2	0.9	**0.5**	0.03	0.07	*C52*
Cervix uteri							39	2.3	11.1	**7.8**	0.62	0.77	*C53*
Corpus uteri							88	5.1	25.0	**15.5**	1.16	1.89	*C54*
Uterus unspecified							2	0.1	0.6	**0.2**	0.02	0.02	*C55*
Ovary							42	2.4	11.9	**6.8**	0.37	0.82	*C56*
Other female genital organs							1	0.1	0.3	**0.2**	0.00	0.04	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	3	0.1	0.9	**0.5**	0.04	0.04							*C60*
Prostate	687	31.4	203.9	**125.2**	6.55	16.84							*C61*
Testis	17	0.8	5.0	**4.6**	0.33	0.37							*C62*
Other male genital organs	1	0.0	0.3	**0.2**	0.02	0.02							*C63*
Kidney	73	3.3	21.7	**14.3**	0.94	1.78	40	2.3	11.4	**6.6**	0.38	0.83	*C64*
Renal pelvis	7	0.3	2.1	**1.2**	0.04	0.16	2	0.1	0.6	**0.4**	0.03	0.07	*C65*
Ureter	1	0.0	0.3	**0.1**	0.00	0.00	1	0.1	0.3	**0.1**	0.00	0.00	*C66*
Bladder	123	5.6	36.5	**20.5**	0.74	2.29	43	2.5	12.2	**6.1**	0.28	0.75	*C67*
Other urinary organs	2	0.1	0.6	**0.3**	0.00	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.1	0.6	**0.4**	0.04	0.04	1	0.1	0.3	**0.1**	0.00	0.00	*C69*
Brain, nervous system	36	1.6	10.7	**7.7**	0.49	0.88	24	1.4	6.8	**4.8**	0.30	0.48	*C70-72*
Thyroid	21	1.0	6.2	**5.7**	0.33	0.55	26	1.5	7.4	**5.7**	0.44	0.52	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.3	**0.2**	0.02	0.02	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	8	0.4	2.4	**2.3**	0.14	0.18	4	0.2	1.1	**1.3**	0.08	0.08	*C81*
Non-Hodgkin lymphoma	81	3.7	24.0	**16.0**	0.98	1.95	69	4.0	19.6	**11.2**	0.67	1.27	*C82-85,C96*
Immunoproliferative diseases	5	0.2	1.5	**0.9**	0.00	0.16	5	0.3	1.4	**0.6**	0.02	0.06	*C88*
Multiple myeloma	41	1.9	12.2	**7.4**	0.44	0.87	16	0.9	4.5	**2.7**	0.18	0.36	*C90*
Lymphoid leukaemia	47	2.1	14.0	**10.6**	0.61	1.00	20	1.2	5.7	**3.5**	0.13	0.38	*C91*
Myeloid leukaemia	33	1.5	9.8	**6.1**	0.27	0.69	20	1.2	5.7	**3.9**	0.23	0.27	*C92-94*
Leukaemia unspecified	3	0.1	0.9	**0.4**	0.00	0.04	2	0.1	0.6	**0.2**	0.00	0.04	*C95*
Myeloproliferative disorders	15	0.7	4.5	**2.8**	0.18	0.39	18	1.0	5.1	**2.5**	0.07	0.33	*MPD*
Myelodysplastic syndromes	28	1.3	8.3	**4.6**	0.11	0.56	15	0.9	4.3	**2.2**	0.02	0.28	*MDS*
Other and unspecified	58	2.7	17.2	**8.7**	0.38	0.65	56	3.2	15.9	**6.5**	0.18	0.73	*O&U*
All sites	2194		651.2	**398.0**	20.30	48.34	1731		491.6	**276.8**	16.30	32.13	*C00-96*
All sites except C44	2188	100.0	649.5	**396.8**	20.19	48.24	1724	100.0	489.6	**275.9**	16.26	32.04	*C00-96 exc. C44*

Canada, Quebec

REGISTRATION AREA

The Quebec Cancer Registry covers the population of the Canadian province of Quebec. Of the province's vast area of 1 667 441 km^2, only 2.3% serves as urban or agricultural land. At the 2011 census, the population of Quebec was 8 million, with 21.6% of residents aged less than 26 years and 15.7% aged 65 years or more. Approximately 80% of residents live in urban areas. French is the mother tongue of 79% of the population, and life expectancy at birth is 79 years for males and 83 years for females.

CANCER CARE FACILITIES

In Quebec, health services have been available to the whole population through a comprehensive public system since 1970. A total of 70 hospital facilities provide diagnosis and treatment of cancer. Of those, 11 offer radiation oncology services.

REGISTRY STRUCTURE AND METHODS

The registry is maintained by Quebec's Ministry of Health and Social Services. Notification of cancer is mandatory under the province's Public Health Act. Before 2011, cancer cases were only reported following hospitalization or a visit to the outpatient surgery unit of a hospital offering general short-term specialized care, or using death certificates. Since 2011, pathology reports have also been used to collect cancer cases. Information about extent of disease, stage, and treatment is not yet collected, but there are plans to begin collecting these types of data for high-priority cancers (i.e. those of the breast, prostate, colorectum, and lung) starting with 2014 cases.

INTERPRETING THE RESULTS

Until 2011, due to the fact that hospitalization data were the primary source of information about cancer cases, three types of cancer not typically requiring hospitalization or outpatient surgery were significantly underreported; about 35% of melanoma cases, 32% of bladder cancer cases, and 33% of prostate cancer cases were not reported to the registry. Since 1997, a breast cancer screening programme has been available for women aged 50–69 years. A pilot project for colorectal cancer screening is under way.

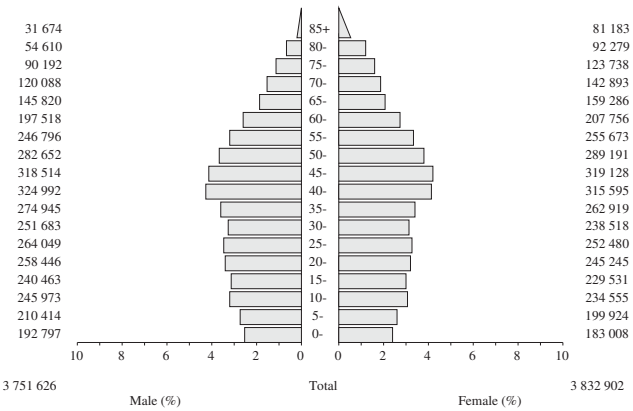
USES OF THE DATA

Registry data are used mainly for monitoring, surveillance, prevention, programme evaluation, and research. Special reports on cancer survival, prevalence, data quality, and projections are published periodically. Specific databases for regional cancer surveillance are produced annually, and a variety of statistics are made available for general and specific purposes.

CONTRIBUTORS

Rabia Louchini
Simone Provencher

Canada, Quebec (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

NOTES ON THE DATA

*Low MV%. †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	70.6	Breast	80.3
Trachea, bronchus and lung	64.5	Trachea, bronchus and lung	40.8
Colon	26.7	Colon	20.0
Bladder	26.0	Corpus uteri	13.9
Rectum	17.7	Thyroid	12.0
Non-Hodgkin lymphoma	13.7	Non-Hodgkin lymphoma	9.9
Kidney	11.5	Rectum	9.1
Pancreas	8.3	Ovary	9.0
Stomach	8.0	Bladder	7.6
Other and unspecified	7.9	Other and unspecified	7.0
All sites	341.6	All sites	279.3

*Canada, Quebec (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	223	0.2	1.2	**0.7**	0.03	0.07	64	0.1	0.3	**0.1**	0.01	0.01	*C00*
Tongue	737	0.7	3.9	**2.6**	0.17	0.32	311	0.3	1.6	**0.9**	0.06	0.12	*C01-02*
Mouth	478	0.5	2.5	**1.7**	0.11	0.21	310	0.3	1.6	**0.9**	0.05	0.10	*C03-06*
Salivary glands	243	0.2	1.3	**0.9**	0.05	0.09	214	0.2	1.1	**0.7**	0.04	0.07	*C07-08*
Tonsil	458	0.5	2.4	**1.6**	0.13	0.20	168	0.2	0.9	**0.5**	0.04	0.07	*C09*
Other oropharynx	156	0.2	0.8	**0.5**	0.04	0.07	50	0.1	0.3	**0.1**	0.01	0.02	*C10*
Nasopharynx	137	0.1	0.7	**0.5**	0.03	0.06	77	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	264	0.3	1.4	**0.9**	0.05	0.12	42	0.0	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	125	0.1	0.7	**0.4**	0.03	0.05	46	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	1253	1.2	6.7	**4.1**	0.22	0.51	400	0.4	2.1	**1.0**	0.05	0.11	*C15*
Stomach	2530	2.5	13.5	**8.0**	0.35	0.91	1517	1.6	7.9	**3.6**	0.15	0.38	*C16*
Small intestine	374	0.4	2.0	**1.2**	0.07	0.15	325	0.3	1.7	**0.9**	0.05	0.10	*C17*
Colon	8395	8.3	44.8	**26.7**	1.10	3.14	8398	8.7	43.8	**20.0**	0.89	2.28	*C18*
Rectum	5338	5.3	28.5	**17.7**	0.89	2.21	3469	3.6	18.1	**9.1**	0.49	1.07	*C19-20*
Anus	196	0.2	1.0	**0.7**	0.05	0.07	257	0.3	1.3	**0.8**	0.05	0.09	*C21*
Liver	1710	1.7	9.1	**5.7**	0.28	0.68	827	0.9	4.3	**2.1**	0.09	0.23	*C22*
Gallbladder etc.	490	0.5	2.6	**1.5**	0.06	0.16	744	0.8	3.9	**1.8**	0.08	0.19	*C23-24*
Pancreas	2563	2.5	13.7	**8.3**	0.40	0.99	2751	2.9	14.4	**6.5**	0.27	0.74	*C25*
Nose, sinuses etc.	183	0.2	1.0	**0.6**	0.04	0.07	107	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	1513	1.5	8.1	**5.1**	0.28	0.66	355	0.4	1.9	**1.0**	0.06	0.14	*C32*
Trachea, bronchus and lung	20060	19.7	106.9	**64.5**	2.79	7.88	14452	15.0	75.4	**40.8**	2.40	5.09	*C33-34*
Other thoracic organs	183	0.2	1.0	**0.7**	0.04	0.07	134	0.1	0.7	**0.4**	0.02	0.04	*C37-38*
Bone	265	0.3	1.4	**1.2**	0.08	0.10	221	0.2	1.2	**1.0**	0.06	0.08	*C40-41*
Melanoma of skin	1491	1.5	7.9	**5.3**	0.33	0.59	1322	1.4	6.9	**4.6**	0.32	0.48	*C43*
Other skin	361		1.9	**1.2**	0.05	0.12	373		1.9	**1.0**	0.05	0.10	*C44*
Mesothelioma	589	0.6	3.1	**1.9**	0.08	0.24	152	0.2	0.8	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	94	0.1	0.5	**0.3**	0.03	0.03	13	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	609	0.6	3.2	**2.3**	0.14	0.22	489	0.5	2.6	**1.8**	0.11	0.17	*C47+C49*
Breast	189	0.2	1.0	**0.6**	0.03	0.08	25786	26.8	134.6	**80.3**	5.86	9.20	*C50*
Vulva							472	0.5	2.5	**1.2**	0.07	0.13	*C51*
Vagina							135	0.1	0.7	**0.3**	0.02	0.03	*C52*
Cervix uteri							1489	1.5	7.8	**5.4**	0.42	0.51	*C53*
Corpus uteri							4582	4.8	23.9	**13.9**	1.00	1.71	*C54*
Uterus unspecified							289	0.3	1.5	**0.8**	0.05	0.08	*C55*
Ovary							3066	3.2	16.0	**9.0**	0.59	1.01	*C56*
Other female genital organs							180	0.2	0.9	**0.5**	0.03	0.06	*C57*
Placenta							14	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	147	0.1	0.8	**0.5**	0.02	0.05							*C60*
Prostate	21023	20.7	112.1	**70.6**	3.56	8.92							*C61*
Testis	886	0.9	4.7	**4.4**	0.32	0.33							*C62*
Other male genital organs	74	0.1	0.4	**0.3**	0.01	0.02							*C63*
Kidney	3344	3.3	17.8	**11.5**	0.68	1.33	2148	2.2	11.2	**6.2**	0.36	0.70	*C64*
Renal pelvis	201	0.2	1.1	**0.6**	0.03	0.07	158	0.2	0.8	**0.4**	0.02	0.04	*C65*
Ureter	196	0.2	1.0	**0.6**	0.03	0.07	132	0.1	0.7	**0.3**	0.01	0.04	*C66*
†Bladder	8177	8.0	43.6	**26.0**	1.12	3.02	2993	3.1	15.6	**7.6**	0.39	0.87	*C67*
Other urinary organs	79	0.1	0.4	**0.3**	0.01	0.03	44	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	145	0.1	0.8	**0.6**	0.03	0.06	130	0.1	0.7	**0.5**	0.03	0.05	*C69*
Brain, nervous system	1857	1.8	9.9	**7.6**	0.46	0.75	1467	1.5	7.7	**5.4**	0.32	0.52	*C70-72*
Thyroid	901	0.9	4.8	**3.5**	0.27	0.37	3062	3.2	16.0	**12.0**	0.94	1.16	*C73*
Adrenal gland	81	0.1	0.4	**0.5**	0.02	0.04	107	0.1	0.6	**0.5**	0.03	0.04	*C74*
Other endocrine	47	0.0	0.3	**0.2**	0.02	0.02	38	0.0	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	627	0.6	3.3	**3.0**	0.20	0.24	478	0.5	2.5	**2.3**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	3942	3.9	21.0	**13.7**	0.78	1.51	3485	3.6	18.2	**9.9**	0.56	1.14	*C82-85,C96*
Immunoproliferative diseases	181	0.2	1.0	**0.5**	0.02	0.06	94	0.1	0.5	**0.2**	0.01	0.02	*C88*
Multiple myeloma	1342	1.3	7.2	**4.3**	0.19	0.49	1123	1.2	5.9	**2.8**	0.14	0.33	*C90*
Lymphoid leukaemia	1689	1.7	9.0	**6.6**	0.27	0.62	1157	1.2	6.0	**3.6**	0.15	0.31	*C91*
Myeloid leukaemia	1048	1.0	5.6	**3.7**	0.17	0.36	851	0.9	4.4	**2.7**	0.16	0.28	*C92-94*
Leukaemia unspecified	231	0.2	1.2	**0.8**	0.03	0.07	239	0.2	1.2	**0.6**	0.02	0.06	*C95*
Myeloproliferative disorders	806	0.8	4.3	**2.7**	0.10	0.29	932	1.0	4.9	**2.3**	0.09	0.21	*MPD*
Myelodysplastic syndromes	1291	1.3	6.9	**3.7**	0.06	0.30	1200	1.2	6.3	**2.3**	0.05	0.18	*MDS*
Other and unspecified	2479	2.4	13.2	**7.9**	0.32	0.81	3110	3.2	16.2	**7.0**	0.30	0.69	*O&U*
All sites	102001		543.8	**341.6**	16.63	39.88	96549		503.8	**279.3**	17.22	31.41	*C00-96*
All sites except C44	101640	100.0	541.8	**340.4**	16.58	39.76	96176	100.0	501.8	**278.4**	17.16	31.31	*C00-96 exc. C44*

†*See note following population pyramid

Canada, Saskatchewan

REGISTRATION AREA
The Saskatchewan Cancer Registry covers the population of the Canadian province of Saskatchewan. At the 2006 census, the province's population was 1.1 million, of mixed ethnic origin. Approximately 64% of residents live in cities with more than 5000 inhabitants.

CANCER CARE FACILITIES
The registry is located within the Saskatchewan Cancer Agency, which is responsible for treatment, prevention, early detection programmes, research, and education services. Cancer treatment facilities for chemotherapy and radiotherapy are located in Regina and Saskatoon – the two largest centres in Saskatchewan. There are also outreach programmes for chemotherapy in 16 regional hospitals throughout the province. The population of Saskatchewan is covered by a government-funded universal comprehensive health insurance plan.

REGISTRY STRUCTURE AND METHODS
It is legally mandated by Saskatchewan's Cancer Agency Act that all cancers must be reported to the Saskatchewan Cancer Agency. This mandate results in the ascertainment of approximately 95% of cases. Other case ascertainment strategies, such as notification of deaths by the Vital Statistics agency, result in the capture of the other 5% of cases. The registry is staffed by 14 cancer registrars, two clerks, two supervisors, a coordinator, a data quality specialist, and the provincial leader. The staff members are based at the two treatment centres in Saskatoon and Regina. The registry captures approximately 9000 cancer cases per year, including non-melanoma skin cancers. The registry also uses active follow-up procedures to capture outcomes information. The registry is patient- and case-oriented. Electronic data are available for all cancers diagnosed since 1967. Paper records are available for all cases diagnosed since 1932. Data are coded according to ICD-O-3. Collection of collaborative staging data began in 2005. The registry's quality control procedures include re-abstraction of cases, internal and external audits, and electronic editing. The data are also edited by Statistics Canada and the North American Association of Central Cancer Registries (NAACCR) upon submission to their databases.

INTERPRETING THE RESULTS
The Saskatchewan Cancer Agency operates three population-based screening programmes: the Screening Program for Breast Cancer (SPBC), targeting women aged 50–69 years; the Prevention Program for Cervical Cancer (PPCC), targeting women aged 21–69 years; and the Screening Program for Colorectal Cancer (SPCRC), targeting individuals aged 50–74 years.

USE OF THE DATA
Registry data are used for business and planning purposes, research, outcomes analysis, performance measurement, evaluation of early detection and screening programmes, and statistics. Statistical data are published provincially, nationally, and internationally.

CONTRIBUTORS
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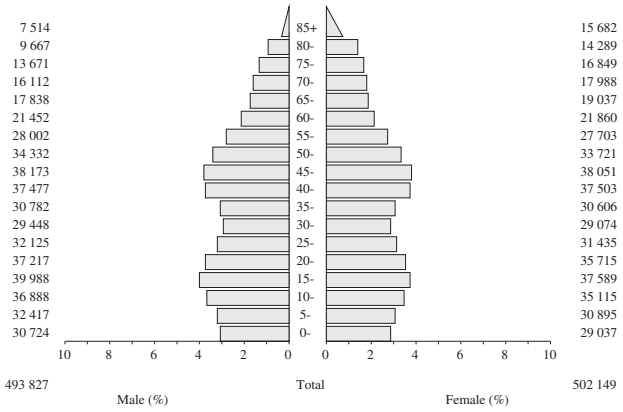
Canada, Saskatchewan (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	107.2	Breast	76.2
Trachea, bronchus and lung	42.1	Trachea, bronchus and lung	34.2
Colon	25.7	Colon	19.2
Bladder	19.4	Corpus uteri	16.3
Rectum	18.2	Non-Hodgkin lymphoma	10.4
Non-Hodgkin lymphoma	14.2	Rectum	9.1
Kidney	10.7	Ovary	8.5
Lymphoid leukaemia	9.2	Thyroid	6.9
Melanoma of skin	8.8	Melanoma of skin	6.9
Pancreas	7.1	Cervix uteri	6.6
All sites	336.3	All sites	262.0

Canada, Saskatchewan (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	66	0.5	2.7	**1.5**	0.06	0.18	13	0.1	0.5	**0.2**	0.01	0.02	*C00*
Tongue	70	0.5	2.8	**2.2**	0.16	0.27	41	0.4	1.6	**0.9**	0.05	0.11	*C01-02*
Mouth	56	0.4	2.3	**1.6**	0.12	0.20	50	0.4	2.0	**1.1**	0.07	0.12	*C03-06*
Salivary glands	27	0.2	1.1	**0.7**	0.03	0.06	19	0.2	0.8	**0.5**	0.03	0.06	*C07-08*
Tonsil	48	0.4	1.9	**1.4**	0.11	0.17	15	0.1	0.6	**0.4**	0.02	0.05	*C09*
Other oropharynx	7	0.1	0.3	**0.2**	0.01	0.02	2	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	7	0.1	0.3	**0.2**	0.02	0.03	6	0.1	0.2	**0.1**	0.01	0.02	*C11*
Hypopharynx	31	0.2	1.3	**0.8**	0.04	0.11	4	0.0	0.2	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	7	0.1	0.3	**0.2**	0.01	0.02	5	0.0	0.2	**0.1**	0.00	0.00	*C14*
Oesophagus	147	1.1	6.0	**3.4**	0.18	0.37	57	0.5	2.3	**1.0**	0.04	0.13	*C15*
Stomach	269	2.0	10.9	**6.4**	0.28	0.78	149	1.3	5.9	**2.7**	0.12	0.31	*C16*
Small intestine	52	0.4	2.1	**1.4**	0.07	0.16	43	0.4	1.7	**0.8**	0.05	0.09	*C17*
Colon	1095	8.1	44.3	**25.7**	1.14	3.19	1051	9.2	41.9	**19.2**	0.89	2.22	*C18*
Rectum	722	5.4	29.2	**18.2**	0.98	2.36	431	3.8	17.2	**9.1**	0.50	1.10	*C19-20*
Anus	27	0.2	1.1	**0.7**	0.04	0.07	37	0.3	1.5	**0.8**	0.07	0.08	*C21*
Liver	116	0.9	4.7	**3.1**	0.17	0.38	63	0.6	2.5	**1.3**	0.05	0.15	*C22*
Gallbladder etc.	79	0.6	3.2	**1.8**	0.07	0.22	107	0.9	4.3	**2.0**	0.11	0.24	*C23-24*
Pancreas	300	2.2	12.1	**7.1**	0.35	0.84	350	3.1	13.9	**6.0**	0.25	0.67	*C25*
Nose, sinuses etc.	17	0.1	0.7	**0.4**	0.04	0.04	18	0.2	0.7	**0.5**	0.03	0.05	*C30-31*
Larynx	114	0.8	4.6	**3.0**	0.15	0.45	24	0.2	1.0	**0.6**	0.04	0.07	*C32*
Trachea, bronchus and lung	1825	13.6	73.9	**42.1**	1.72	5.37	1552	13.6	61.8	**34.2**	1.87	4.40	*C33-34*
Other thoracic organs	15	0.1	0.6	**0.5**	0.02	0.06	15	0.1	0.6	**0.4**	0.03	0.05	*C37-38*
Bone	26	0.2	1.1	**0.9**	0.05	0.07	26	0.2	1.0	**1.0**	0.06	0.07	*C40-41*
Melanoma of skin	316	2.3	12.8	**8.8**	0.59	1.00	264	2.3	10.5	**6.9**	0.51	0.69	*C43*
Other skin	30		1.2	**0.7**	0.04	0.07	56		2.2	**1.4**	0.09	0.14	*C44*
Mesothelioma	44	0.3	1.8	**1.0**	0.04	0.13	8	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	5	0.0	0.2	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	83	0.6	3.4	**2.1**	0.10	0.22	67	0.6	2.7	**1.5**	0.08	0.14	*C47+C49*
Breast	20	0.1	0.8	**0.4**	0.02	0.04	3069	26.9	122.2	**76.2**	5.39	9.05	*C50*
Vulva							83	0.7	3.3	**1.6**	0.07	0.20	*C51*
Vagina							13	0.1	0.5	**0.3**	0.02	0.04	*C52*
Cervix uteri							207	1.8	8.2	**6.6**	0.53	0.61	*C53*
Corpus uteri							621	5.4	24.7	**16.3**	1.22	2.04	*C54*
Uterus unspecified							18	0.2	0.7	**0.4**	0.03	0.04	*C55*
Ovary							367	3.2	14.6	**8.5**	0.55	0.97	*C56*
Other female genital organs							14	0.1	0.6	**0.3**	0.02	0.05	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	34	0.3	1.4	**0.9**	0.05	0.11							*C60*
Prostate	4263	31.7	172.7	**107.2**	5.00	14.58							*C61*
Testis	125	0.9	5.1	**4.9**	0.37	0.37							*C62*
Other male genital organs	10	0.1	0.4	**0.2**	0.01	0.02							*C63*
Kidney	409	3.0	16.6	**10.7**	0.62	1.26	246	2.2	9.8	**5.7**	0.38	0.63	*C64*
Renal pelvis	13	0.1	0.5	**0.3**	0.01	0.04	32	0.3	1.3	**0.5**	0.01	0.06	*C65*
Ureter	7	0.1	0.3	**0.1**	0.00	0.02	7	0.1	0.3	**0.1**	0.00	0.02	*C66*
†Bladder	854	6.3	34.6	**19.4**	0.85	2.28	323	2.8	12.9	**6.6**	0.33	0.79	*C67*
Other urinary organs	8	0.1	0.3	**0.2**	0.01	0.03	3	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	29	0.2	1.2	**0.7**	0.04	0.09	11	0.1	0.4	**0.3**	0.02	0.02	*C69*
Brain, nervous system	186	1.4	7.5	**5.9**	0.38	0.60	155	1.4	6.2	**4.4**	0.28	0.44	*C70-72*
Thyroid	73	0.5	3.0	**2.3**	0.17	0.24	215	1.9	8.6	**6.9**	0.54	0.65	*C73*
Adrenal gland	5	0.0	0.2	**0.2**	0.01	0.02	4	0.0	0.2	**0.1**	0.01	0.01	*C74*
Other endocrine	5	0.0	0.2	**0.2**	0.01	0.02	2	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	80	0.6	3.2	**3.0**	0.22	0.24	53	0.5	2.1	**2.0**	0.13	0.15	*C81*
Non-Hodgkin lymphoma	558	4.1	22.6	**14.2**	0.77	1.61	477	4.2	19.0	**10.4**	0.60	1.17	*C82-85,C96*
Immunoproliferative diseases	19	0.1	0.8	**0.4**	0.01	0.05	15	0.1	0.6	**0.3**	0.02	0.03	*C88*
Multiple myeloma	165	1.2	6.7	**4.0**	0.23	0.49	133	1.2	5.3	**2.9**	0.16	0.38	*C90*
Lymphoid leukaemia	337	2.5	13.6	**9.2**	0.46	0.96	199	1.7	7.9	**5.0**	0.26	0.50	*C91*
Myeloid leukaemia	143	1.1	5.8	**4.0**	0.22	0.39	131	1.1	5.2	**3.2**	0.19	0.34	*C92-94*
Leukaemia unspecified	19	0.1	0.8	**0.4**	0.02	0.02	16	0.1	0.6	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	105	0.8	4.3	**2.5**	0.12	0.31	123	1.1	4.9	**2.4**	0.13	0.28	*MPD*
Myelodysplastic syndromes	94	0.7	3.8	**1.9**	0.07	0.21	47	0.4	1.9	**0.8**	0.03	0.09	*MDS*
Other and unspecified	329	2.4	13.3	**6.9**	0.26	0.71	393	3.4	15.7	**6.4**	0.29	0.66	*O&U*
All sites	13491		546.4	**336.3**	16.53	41.60	11451		456.1	**262.0**	16.24	30.25	*C00-96*
All sites except C44	13461	100.0	545.2	**335.6**	16.49	41.52	11395	100.0	453.8	**260.6**	16.15	30.11	*C00-96 exc. C44*

† See note following population pyramid

Canada, Yukon

REGISTRATION AREA

The Yukon Cancer Registry covers the population of the Yukon Territory, located in the north-western corner of Canada. The Yukon is bordered to the east by the Northwest Territories, to the south by the province of British Columbia, and to the west by the USA (the state of Alaska). The Yukon constitutes 5% of Canada's total land area, making it the ninth largest of Canada's 10 provinces and three territories. With a population of 30 000 at the 2006 census, the Yukon is the second least populous province or territory in Canada. Whitehorse, the territorial capital, is home to three quarters of the territory's population. There was a 5.9% increase in the territory's population from 2001 to 2006. In 2001, 29% of the population was aged 25–44 years. The Yukon has a low proportion of elderly persons, with only 7.5% of the population aged more than 65 years, compared with 13.7% of the population of Canada as a whole. One quarter of the Yukon's population is of Aboriginal origin.

CANCER CARE FACILITIES

Health programmes and services in the Yukon are provided through health centres and three hospitals. There are no dedicated cancer centres. Specialized cancer services for Yukon residents are provided by visiting specialists and in neighbouring provinces.

REGISTRY STRUCTURE AND METHODS

The registry includes information dating back to 1987. The British Columbia Cancer Agency maintains the Yukon's registry along with its own provincial data.

INTERPRETING THE RESULTS

The Yukon Mammography Program was established in 1990 to reduce breast cancer mortality through early detection. The programme participates in the Canadian Breast Cancer Screening Initiative and reports its results annually. However, it does not contribute to the initiative's national database, due to the lack of computerization of screening records. The British Columbia Cancer Agency's Cervical Cancer Screening Program also evaluates Pap tests performed in the Yukon. Screening is recommended for women aged more than 18 years, but there is no organized programme for the provision of services.

USE OF THE DATA

Registry data are submitted to the national cancer registry maintained by Statistics Canada, at which point duplicate reports and registrations in other Canadian jurisdictions are reconciled.

CONTRIBUTORS

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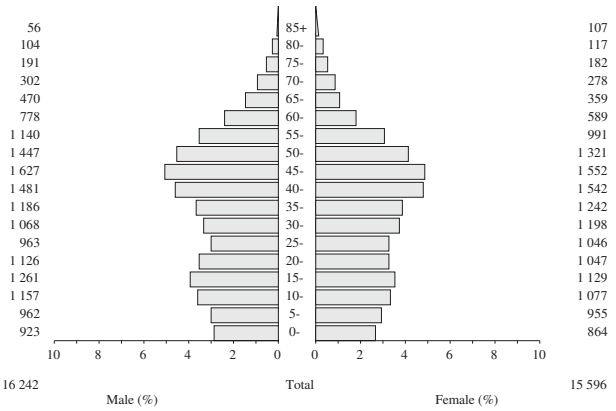
Canada, Yukon (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 national census data provided by Statistics Canada. Final intercensal estimates are used for 2003 to 2005, and final postcensal estimates for 2006 and 2007.

NOTES ON THE DATA

*Rates based on low numbers due to small population. High MV%. Low DCO rates.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	66.2	Breast	75.1
Trachea, bronchus and lung	39.7	Trachea, bronchus and lung	33.0
Colon	32.1	Colon	23.3
Rectum	16.5	Corpus uteri	20.3
Bladder	15.0	Other and unspecified	11.2
Non-Hodgkin lymphoma	10.9	Non-Hodgkin lymphoma	10.1
Stomach	9.4	Thyroid	10.0
Melanoma of skin	7.1	Bladder	7.9
Other and unspecified	6.1	Rectum	7.3
Multiple myeloma	5.6	Melanoma of skin	7.2
All sites	275.9	All sites	252.1

*Canada, Yukon (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	2	0.8	2.5	**2.0**	0.09	0.30	3	1.2	3.8	**3.6**	0.25	0.61	*C01-02*
Mouth	1	0.4	1.2	**0.7**	0.07	0.07	2	0.8	2.6	**1.6**	0.17	0.17	*C03-06*
Salivary glands	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C07-08*
Tonsil	2	0.8	2.5	**1.4**	0.16	0.16	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	0	0.0	0.0	**0.0**	0.00	0.00	2	0.8	2.6	**2.3**	0.25	0.25	*C11*
Hypopharynx	1	0.4	1.2	**1.3**	0.00	0.33	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	5	2.0	6.2	**5.0**	0.34	0.68	1	0.4	1.3	**1.7**	0.00	0.28	*C15*
Stomach	9	3.5	11.1	**9.4**	0.37	1.58	5	2.0	6.4	**5.4**	0.43	0.43	*C16*
Small intestine	1	0.4	1.2	**1.3**	0.00	0.21	2	0.8	2.6	**2.2**	0.06	0.42	*C17*
Colon	30	11.8	36.9	**32.1**	1.45	5.05	21	8.5	26.9	**23.3**	1.32	2.95	*C18*
Rectum	16	6.3	19.7	**16.5**	0.79	2.87	9	3.6	11.5	**7.3**	0.58	0.58	*C19-20*
Anus	1	0.4	1.2	**0.8**	0.07	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C21*
Liver	4	1.6	4.9	**3.5**	0.24	0.57	0	0.0	0.0	**0.0**	0.00	0.00	*C22*
Gallbladder etc.	3	1.2	3.7	**3.0**	0.00	0.00	3	1.2	3.8	**3.4**	0.10	0.38	*C23-24*
Pancreas	5	2.0	6.2	**4.5**	0.22	0.43	4	1.6	5.1	**4.0**	0.21	0.57	*C25*
Nose, sinuses etc.	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	3	1.2	3.7	**3.9**	0.07	0.40	0	0.0	0.0	**0.0**	0.00	0.00	*C32*
Trachea, bronchus and lung	35	13.8	43.1	**39.7**	0.93	5.38	29	11.7	37.2	**33.0**	2.14	3.34	*C33-34*
Other thoracic organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	1	0.4	1.2	**1.0**	0.13	0.13	0	0.0	0.0	**0.0**	0.00	0.00	*C40-41*
Melanoma of skin	7	2.8	8.6	**7.1**	0.47	0.90	8	3.2	10.3	**7.2**	0.67	0.67	*C43*
Other skin	1		1.2	**1.0**	0.13	0.13	0		0.0	**0.0**	0.00	0.00	*C44*
Mesothelioma	1	0.4	1.2	**1.3**	0.00	0.21	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	5	2.0	6.2	**5.2**	0.25	0.79	3	1.2	3.8	**3.4**	0.16	0.52	*C47+C49*
Breast	2	0.8	2.5	**2.1**	0.13	0.13	78	31.6	100.0	**75.1**	5.07	8.71	*C50*
Vulva							0	0.0	0.0	**0.0**	0.00	0.00	*C51*
Vagina							0	0.0	0.0	**0.0**	0.00	0.00	*C52*
Cervix uteri							5	2.0	6.4	**4.1**	0.40	0.40	*C53*
Corpus uteri							19	7.7	24.4	**20.3**	1.46	2.90	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							5	2.0	6.4	**4.8**	0.31	0.58	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	59	23.2	72.7	**66.2**	2.17	8.16							*C61*
Testis	4	1.6	4.9	**4.6**	0.32	0.32							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	4	1.6	4.9	**4.7**	0.26	0.92	1	0.4	1.3	**0.8**	0.10	0.10	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	13	5.1	16.0	**15.0**	0.26	2.67	7	2.8	9.0	**7.9**	0.78	1.14	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	4	1.6	4.9	**5.6**	0.28	0.49	0	0.0	0.0	**0.0**	0.00	0.00	*C70-72*
Thyroid	1	0.4	1.2	**0.8**	0.07	0.07	11	4.5	14.1	**10.0**	0.93	0.93	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	2	0.8	2.5	**2.9**	0.10	0.32	2	0.8	2.6	**2.3**	0.25	0.25	*C81*
Non-Hodgkin lymphoma	11	4.3	13.5	**10.9**	0.31	1.28	10	4.0	12.8	**10.1**	0.30	0.85	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	5	2.0	6.2	**5.6**	0.09	0.84	1	0.4	1.3	**0.8**	0.08	0.08	*C90*
Lymphoid leukaemia	5	2.0	6.2	**5.6**	0.13	0.34	2	0.8	2.6	**2.6**	0.08	0.36	*C91*
Myeloid leukaemia	4	1.6	4.9	**3.1**	0.31	0.31	2	0.8	2.6	**2.3**	0.25	0.25	*C92-94*
Leukaemia unspecified	1	0.4	1.2	**1.3**	0.00	0.21	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	1	0.4	1.2	**0.7**	0.09	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	1	0.4	1.3	**1.4**	0.00	0.36	*MDS*
Other and unspecified	6	2.4	7.4	**6.1**	0.41	1.07	11	4.5	14.1	**11.2**	0.62	0.62	*O&U*
All sites	255		314.0	**275.9**	10.68	37.46	247		316.8	**252.1**	16.96	28.69	*C00-96*
All sites except C44	254	100.0	312.8	**274.8**	10.55	37.33	247	100.0	316.8	**252.1**	16.96	28.69	*C00-96 exc. C44*

*See note following population pyramid

USA, NPCR

REGISTRATION AREA

As authorized by the United States Congress, the United States Centers for Disease Control and Prevention (CDC) provides financial and technical support for the National Program of Cancer Registries (NPCR), which includes population-based cancer registries in 45 states, the District of Columbia, Puerto Rico, and the Pacific Island Jurisdictions.

REGISTRY STRUCTURE AND METHODS

NPCR cancer registries electronically transmit data to CDC annually, using a standardized record layout and coding system.

INTERPRETING THE RESULTS

The 2003–2007 data included in this report meet the following data quality criteria for all cancer sites combined: case ascertainment is at least 90% complete; no more than 5% of cases are ascertained solely on the basis of a death certificate; no more than 3% of cases are missing information on sex or age; no more than 5% of cases are missing information on race; and at least 97% of the registry's records passed a set of computerized edits.

USE OF THE DATA

CDC and the United States National Cancer Institute, in collaboration with the North American Association of Central Cancer Registries, annually publish the *United States Cancer Statistics* report. These federal cancer statistics are available to the public and cancer control planners through public-use and restricted-access datasets. Monographs, peer-reviewed publications, and special topic reports have also been published.

CONTRIBUTORS

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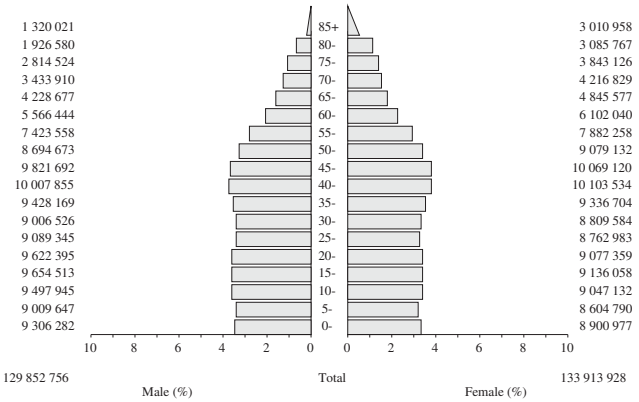
USA, NPCR (42 states) (2003-2007)
Average annual person-years by sex and age group

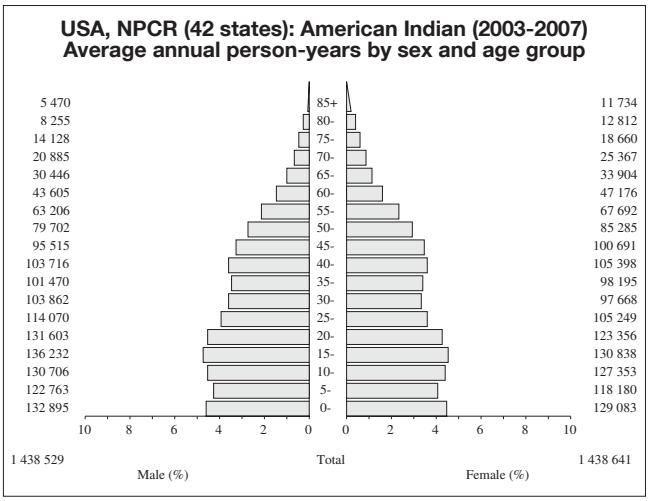


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

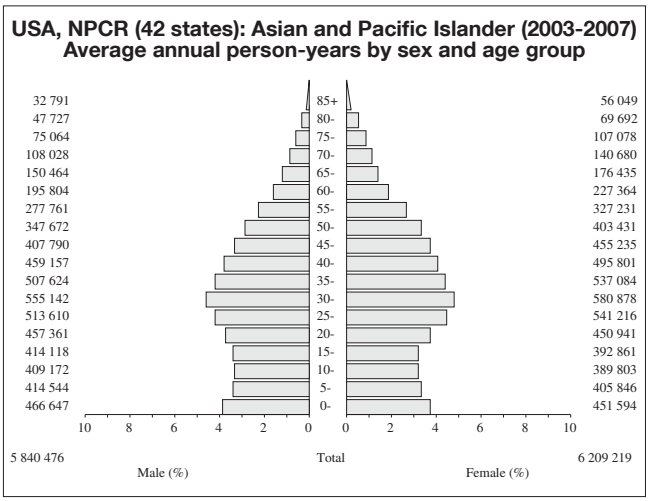
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	105.0	Breast	85.3
Trachea, bronchus and lung	53.5	Trachea, bronchus and lung	36.4
Colon	23.7	Colon	18.8
Bladder	21.3	Corpus uteri	16.9
Non-Hodgkin lymphoma	15.4	Thyroid	12.3
Melanoma of skin	15.1	Melanoma of skin	11.1
Kidney	13.2	Non-Hodgkin lymphoma	10.9
Rectum	11.2	Ovary	9.2
Pancreas	8.2	Kidney	7.1
Other and unspecified	7.4	Rectum	6.8
All sites	363.4	All sites	284.6



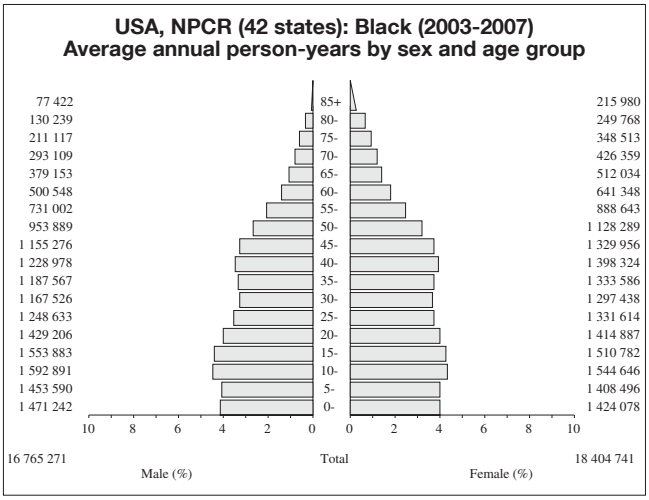
USA, NPCR (42 STATES): AMERICAN INDIAN
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	53.9	Breast	49.2
Trachea, bronchus and lung	36.0	Trachea, bronchus and lung	27.0
Colon	15.8	Colon	13.6
Kidney	12.5	Corpus uteri	10.6
Non-Hodgkin lymphoma	8.6	Kidney	7.9
Rectum	8.3	Non-Hodgkin lymphoma	6.7
Bladder	8.1	Thyroid	6.5
Liver	7.5	Ovary	5.8
Stomach	6.0	Rectum	5.8
Other and unspecified	5.5	Other and unspecified	5.5
All sites	214.9	All sites	187.4



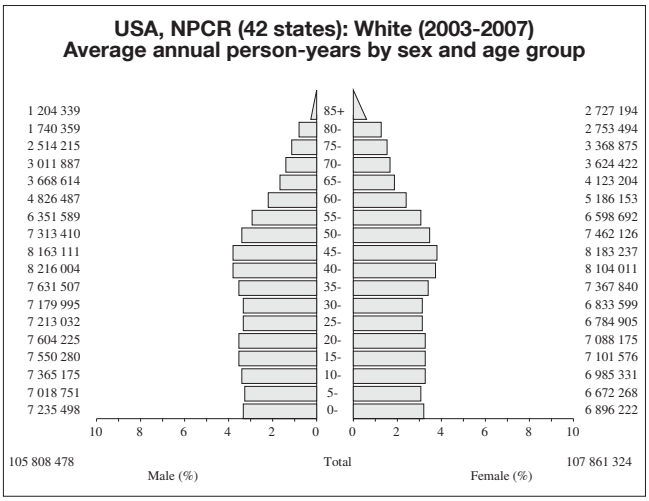
USA, NPCR (42 STATES): ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	41.9	Breast	51.7
Trachea, bronchus and lung	26.4	Trachea, bronchus and lung	15.8
Liver	15.1	Colon	12.7
Colon	14.5	Thyroid	11.1
Stomach	9.4	Corpus uteri	9.7
Rectum	8.9	Non-Hodgkin lymphoma	6.0
Non-Hodgkin lymphoma	7.9	Ovary	6.0
Bladder	6.9	Rectum	5.9
Kidney	4.9	Stomach	5.6
Pancreas	4.6	Cervix uteri	5.3
All sites	180.9	All sites	169.2



USA, NPCR (42 STATES): BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	162.3	Breast	82.0
Trachea, bronchus and lung	67.8	Trachea, bronchus and lung	34.6
Colon	31.3	Colon	25.0
Kidney	14.8	Corpus uteri	14.4
Non-Hodgkin lymphoma	12.3	Non-Hodgkin lymphoma	8.3
Rectum	11.3	Pancreas	8.2
Bladder	10.9	Cervix uteri	8.0
Pancreas	10.7	Kidney	7.6
Liver	10.0	Thyroid	7.5
Stomach	10.0	Other and unspecified	7.3
All sites	425.5	All sites	270.8



USA, NPCR (42 STATES): WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	97.8	Breast	86.0
Trachea, bronchus and lung	52.8	Trachea, bronchus and lung	37.3
Colon	23.0	Colon	18.0
Bladder	22.5	Corpus uteri	17.3
Melanoma of skin	16.8	Thyroid	12.8
Non-Hodgkin lymphoma	15.7	Melanoma of skin	12.7
Kidney	13.2	Non-Hodgkin lymphoma	11.1
Rectum	11.1	Ovary	9.5
Pancreas	8.0	Kidney	7.1
Other and unspecified	7.2	Rectum	6.7
All sites	357.0	All sites	287.5

USA, NPCR (42 states) (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	6362	0.2	1.0	**0.7**	0.03	0.08	2001	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	28067	0.9	4.3	**3.3**	0.24	0.40	11947	0.4	1.8	**1.2**	0.08	0.13	*C01-02*
Mouth	17627	0.5	2.7	**2.0**	0.13	0.24	12102	0.4	1.8	**1.1**	0.06	0.12	*C03-06*
Salivary glands	9484	0.3	1.5	**1.0**	0.05	0.11	6755	0.2	1.0	**0.7**	0.04	0.07	*C07-08*
Tonsil	18424	0.6	2.8	**2.2**	0.18	0.26	4642	0.2	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	4774	0.1	0.7	**0.6**	0.04	0.07	1725	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	5340	0.2	0.8	**0.6**	0.05	0.07	2324	0.1	0.3	**0.3**	0.02	0.03	*C11*
Hypopharynx	8029	0.2	1.2	**0.9**	0.06	0.12	2063	0.1	0.3	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	2662	0.1	0.4	**0.3**	0.02	0.04	992	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	52617	1.6	8.1	**5.8**	0.32	0.72	15211	0.5	2.3	**1.3**	0.06	0.15	*C15*
Stomach	56113	1.7	8.6	**5.9**	0.30	0.69	36044	1.2	5.4	**2.9**	0.15	0.32	*C16*
Small intestine	13996	0.4	2.2	**1.5**	0.09	0.19	12542	0.4	1.9	**1.1**	0.07	0.14	*C17*
Colon	227580	6.9	35.1	**23.7**	1.12	2.78	240008	8.0	35.8	**18.8**	0.90	2.14	*C18*
Rectum	101885	3.1	15.7	**11.2**	0.66	1.36	76794	2.5	11.5	**6.8**	0.42	0.80	*C19-20*
Anus	8243	0.3	1.3	**0.9**	0.07	0.10	13207	0.4	2.0	**1.3**	0.09	0.15	*C21*
Liver	59442	1.8	9.2	**6.7**	0.44	0.79	24502	0.8	3.7	**2.1**	0.11	0.25	*C22*
Gallbladder etc.	15769	0.5	2.4	**1.6**	0.07	0.18	20396	0.7	3.0	**1.6**	0.07	0.18	*C23-24*
Pancreas	77969	2.4	12.0	**8.2**	0.41	0.99	78923	2.6	11.8	**6.1**	0.28	0.72	*C25*
Nose, sinuses etc.	5498	0.2	0.8	**0.6**	0.04	0.07	3714	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	43582	1.3	6.7	**4.9**	0.30	0.63	11230	0.4	1.7	**1.1**	0.07	0.14	*C32*
Trachea, bronchus and lung	503765	15.3	77.6	**53.5**	2.42	6.78	417408	13.8	62.3	**36.4**	1.80	4.70	*C33-34*
Other thoracic organs	3460	0.1	0.5	**0.4**	0.03	0.04	2442	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	7748	0.2	1.2	**1.1**	0.07	0.09	6316	0.2	0.9	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	135258	4.1	20.8	**15.1**	0.92	1.70	103056	3.4	15.4	**11.1**	0.79	1.13	*C43*
Other skin	10503		1.6	**1.1**	0.06	0.11	8793		1.3	**0.8**	0.05	0.08	*C44*
Mesothelioma	10936	0.3	1.7	**1.1**	0.04	0.12	3101	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	5415	0.2	0.8	**0.7**	0.05	0.06	725	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	23639	0.7	3.6	**2.8**	0.16	0.28	19209	0.6	2.9	**2.1**	0.13	0.20	*C47+C49*
Breast	7939	0.2	1.2	**0.9**	0.05	0.10	861058	28.5	128.6	**85.3**	6.03	9.87	*C50*
Vulva							17514	0.6	2.6	**1.5**	0.09	0.16	*C51*
Vagina							5057	0.2	0.8	**0.4**	0.03	0.05	*C52*
Cervix uteri							55899	1.9	8.3	**6.4**	0.51	0.63	*C53*
Corpus uteri							168683	5.6	25.2	**16.9**	1.21	2.07	*C54*
Uterus unspecified							5684	0.2	0.8	**0.5**	0.03	0.06	*C55*
Ovary							95307	3.2	14.2	**9.2**	0.61	1.05	*C56*
Other female genital organs							4571	0.2	0.7	**0.4**	0.03	0.05	*C57*
Placenta							573	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	4858	0.1	0.7	**0.5**	0.03	0.06							*C60*
Prostate	932757	28.4	143.7	**105.0**	5.41	14.28							*C61*
Testis	34757	1.1	5.4	**4.9**	0.37	0.38							*C62*
Other male genital organs	1327	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	116256	3.5	17.9	**13.2**	0.82	1.60	72827	2.4	10.9	**7.1**	0.43	0.83	*C64*
Renal pelvis	5848	0.2	0.9	**0.6**	0.02	0.07	4295	0.1	0.6	**0.3**	0.01	0.04	*C65*
Ureter	4129	0.1	0.6	**0.4**	0.01	0.05	2813	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	210605	6.4	32.4	**21.3**	0.85	2.49	71397	2.4	10.7	**5.6**	0.26	0.66	*C67*
Other urinary organs	2176	0.1	0.3	**0.2**	0.01	0.02	1105	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	6018	0.2	0.9	**0.8**	0.04	0.08	5262	0.2	0.8	**0.6**	0.04	0.06	*C69*
Brain, nervous system	49084	1.5	7.6	**6.3**	0.40	0.62	40862	1.4	6.1	**4.8**	0.29	0.45	*C70-72*
Thyroid	32133	1.0	4.9	**3.9**	0.29	0.42	101729	3.4	15.2	**12.3**	0.95	1.19	*C73*
Adrenal gland	2013	0.1	0.3	**0.4**	0.02	0.02	2187	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	1175	0.0	0.2	**0.2**	0.01	0.01	879	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	20229	0.6	3.1	**2.8**	0.19	0.24	16892	0.6	2.5	**2.3**	0.15	0.19	*C81*
Non-Hodgkin lymphoma	138296	4.2	21.3	**15.4**	0.86	1.71	121201	4.0	18.1	**10.9**	0.61	1.23	*C82-85,C96*
Immunoproliferative diseases	2597	0.1	0.4	**0.3**	0.01	0.03	1837	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	42082	1.3	6.5	**4.5**	0.22	0.54	35530	1.2	5.3	**3.0**	0.16	0.36	*C90*
Lymphoid leukaemia	49330	1.5	7.6	**6.1**	0.30	0.59	33891	1.1	5.1	**3.6**	0.18	0.32	*C91*
Myeloid leukaemia	41064	1.3	6.3	**4.6**	0.23	0.48	33815	1.1	5.1	**3.3**	0.19	0.33	*C92-94*
Leukaemia unspecified	4295	0.1	0.7	**0.4**	0.01	0.04	3979	0.1	0.6	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	17800	0.5	2.7	**2.0**	0.11	0.22	17072	0.6	2.5	**1.5**	0.08	0.16	*MPD*
Myelodysplastic syndromes	30244	0.9	4.7	**2.8**	0.07	0.28	24387	0.8	3.6	**1.7**	0.06	0.18	*MDS*
Other and unspecified	71198	2.2	11.0	**7.4**	0.36	0.83	82099	2.7	12.3	**6.3**	0.30	0.70	*O&U*
All sites	3292397		507.1	**363.4**	19.09	44.23	3026577		452.0	**284.6**	17.68	32.52	*C00-96*
All sites except C44	3281894	100.0	505.5	**362.3**	19.03	44.12	3017784	100.0	450.7	**283.8**	17.62	32.44	*C00-96 exc. C44*

§Includes 249 cases of unknown age

§Includes 158 cases of unknown age

USA, NPCR (42 states): American Indian (2003-2007)

	Male						Female						
SITE	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	28	0.2	0.4	**0.4**	0.02	0.06	7	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	106	0.8	1.5	**1.5**	0.11	0.18	52	0.4	0.7	**0.7**	0.05	0.09	*C01-02*
Mouth	96	0.7	1.3	**1.4**	0.10	0.17	64	0.4	0.9	**0.8**	0.06	0.09	*C03-06*
Salivary glands	33	0.2	0.5	**0.5**	0.03	0.05	35	0.2	0.5	**0.5**	0.03	0.05	*C07-08*
Tonsil	81	0.6	1.1	**1.2**	0.09	0.14	29	0.2	0.4	**0.4**	0.03	0.05	*C09*
Other oropharynx	15	0.1	0.2	**0.2**	0.01	0.03	5	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	43	0.3	0.6	**0.7**	0.05	0.09	26	0.2	0.4	**0.4**	0.03	0.04	*C11*
Hypopharynx	57	0.4	0.8	**1.0**	0.04	0.12	10	0.1	0.1	**0.2**	0.00	0.02	*C12-13*
Pharynx unspecified	23	0.2	0.3	**0.4**	0.02	0.05	6	0.0	0.1	**0.1**	0.00	0.00	*C14*
Oesophagus	212	1.5	2.9	**3.3**	0.19	0.43	73	0.5	1.0	**1.0**	0.06	0.12	*C15*
Stomach	379	2.8	5.3	**6.0**	0.28	0.73	237	1.7	3.3	**3.0**	0.17	0.32	*C16*
Small intestine	53	0.4	0.7	**0.9**	0.04	0.12	44	0.3	0.6	**0.6**	0.02	0.07	*C17*
Colon	1013	7.4	14.1	**15.8**	0.78	1.90	1049	7.4	14.6	**13.6**	0.68	1.63	*C18*
Rectum	544	4.0	7.6	**8.3**	0.48	1.03	445	3.1	6.2	**5.8**	0.35	0.69	*C19-20*
Anus	53	0.4	0.7	**0.7**	0.05	0.08	62	0.4	0.9	**0.8**	0.06	0.09	*C21*
Liver	504	3.7	7.0	**7.5**	0.52	0.90	244	1.7	3.4	**3.2**	0.15	0.37	*C22*
Gallbladder etc.	113	0.8	1.6	**1.8**	0.07	0.22	161	1.1	2.2	**2.0**	0.07	0.26	*C23-24*
Pancreas	314	2.3	4.4	**4.9**	0.24	0.61	352	2.5	4.9	**4.6**	0.23	0.57	*C25*
Nose, sinuses etc.	22	0.2	0.3	**0.3**	0.02	0.05	16	0.1	0.2	**0.2**	0.02	0.02	*C30-31*
Larynx	193	1.4	2.7	**3.0**	0.18	0.37	57	0.4	0.8	**0.8**	0.06	0.10	*C32*
Trachea, bronchus and lung	2231	16.3	31.0	**36.0**	1.56	4.70	1987	14.0	27.6	**27.0**	1.29	3.51	*C33-34*
Other thoracic organs	18	0.1	0.3	**0.3**	0.01	0.02	10	0.1	0.1	**0.1**	0.01	0.01	*C37-38*
Bone	46	0.3	0.6	**0.6**	0.04	0.06	55	0.4	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	232	1.7	3.2	**3.4**	0.22	0.38	226	1.6	3.1	**2.9**	0.19	0.30	*C43*
Other skin	30		0.4	**0.4**	0.02	0.05	40		0.6	**0.5**	0.03	0.06	*C44*
Mesothelioma	28	0.2	0.4	**0.4**	0.02	0.06	18	0.1	0.3	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	28	0.2	0.4	**0.4**	0.02	0.03	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	112	0.8	1.6	**1.6**	0.10	0.16	94	0.7	1.3	**1.3**	0.07	0.13	*C47+C49*
Breast	19	0.1	0.3	**0.3**	0.02	0.03	3753	26.4	52.2	**49.2**	3.47	5.81	*C50*
Vulva							78	0.5	1.1	**1.0**	0.06	0.11	*C51*
Vagina							25	0.2	0.3	**0.3**	0.02	0.04	*C52*
Cervix uteri							433	3.0	6.0	**5.5**	0.44	0.52	*C53*
Corpus uteri							795	5.6	11.1	**10.6**	0.71	1.28	*C54*
Uterus unspecified							45	0.3	0.6	**0.6**	0.04	0.06	*C55*
Ovary							442	3.1	6.1	**5.8**	0.37	0.68	*C56*
Other female genital organs							24	0.2	0.3	**0.3**	0.03	0.03	*C57*
Placenta							8	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	38	0.3	0.5	**0.6**	0.02	0.08							*C60*
Prostate	3269	23.8	45.4	**53.9**	2.42	7.22							*C61*
Testis	224	1.6	3.1	**2.8**	0.20	0.21							*C62*
Other male genital organs	4	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	835	6.1	11.6	**12.5**	0.79	1.52	593	4.2	8.2	**7.9**	0.51	0.91	*C64*
Renal pelvis	14	0.1	0.2	**0.2**	0.01	0.03	12	0.1	0.2	**0.2**	0.00	0.02	*C65*
Ureter	1	0.0	0.0	**0.0**	0.00	0.00	12	0.1	0.2	**0.2**	0.01	0.02	*C66*
Bladder	515	3.8	7.2	**8.1**	0.35	0.94	171	1.2	2.4	**2.1**	0.08	0.24	*C67*
Other urinary organs	6	0.0	0.1	**0.1**	0.01	0.02	8	0.1	0.1	**0.1**	0.00	0.01	*C68*
Eye	21	0.2	0.3	**0.3**	0.02	0.03	17	0.1	0.2	**0.2**	0.02	0.02	*C69*
Brain, nervous system	221	1.6	3.1	**3.2**	0.21	0.28	191	1.3	2.7	**2.6**	0.15	0.23	*C70-72*
Thyroid	126	0.9	1.8	**1.8**	0.13	0.20	507	3.6	7.0	**6.5**	0.49	0.61	*C73*
Adrenal gland	11	0.1	0.2	**0.2**	0.01	0.01	13	0.1	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	11	0.1	0.2	**0.1**	0.01	0.01	5	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	88	0.6	1.2	**1.2**	0.08	0.10	64	0.4	0.9	**0.9**	0.05	0.07	*C81*
Non-Hodgkin lymphoma	571	4.2	7.9	**8.6**	0.49	0.97	519	3.6	7.2	**6.7**	0.35	0.78	*C82-85,C96*
Immunoproliferative diseases	5	0.0	0.1	**0.1**	0.00	0.00	5	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	196	1.4	2.7	**3.0**	0.17	0.39	199	1.4	2.8	**2.7**	0.15	0.34	*C90*
Lymphoid leukaemia	225	1.6	3.1	**3.5**	0.18	0.31	135	0.9	1.9	**1.9**	0.08	0.18	*C91*
Myeloid leukaemia	185	1.3	2.6	**2.7**	0.15	0.29	162	1.1	2.3	**2.1**	0.12	0.22	*C92-94*
Leukaemia unspecified	30	0.2	0.4	**0.5**	0.02	0.06	28	0.2	0.4	**0.4**	0.02	0.04	*C95*
Myeloproliferative disorders	80	0.6	1.1	**1.2**	0.08	0.13	61	0.4	0.8	**0.8**	0.04	0.10	*MPD*
Myelodysplastic syndromes	93	0.7	1.3	**1.4**	0.03	0.15	117	0.8	1.6	**1.5**	0.05	0.18	*MDS*
Other and unspecified	354	2.6	4.9	**5.5**	0.29	0.64	438	3.1	6.1	**5.5**	0.26	0.62	*O&U*
All sites	13749		191.2	**214.9**	11.02	26.43	14266		198.3	**187.4**	11.24	21.86	*C00-96*
All sites except C44	13719	100.0	190.7	**214.5**	11.00	26.38	14226	100.0	197.8	**186.9**	11.22	21.81	*C00-96 exc. C44*

§Includes 1 case of unknown age

USA, NPCR (42 states): Asian and Pacific Islander (2003-2007)

	Male						Female						
SITE	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	10	0.0	0.0	**0.0**	0.00	0.00	12	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	325	0.6	1.1	**1.0**	0.06	0.12	267	0.4	0.9	**0.7**	0.04	0.08	*C01-02*
Mouth	207	0.4	0.7	**0.7**	0.04	0.09	202	0.3	0.7	**0.5**	0.03	0.05	*C03-06*
Salivary glands	192	0.3	0.7	**0.6**	0.04	0.06	196	0.3	0.6	**0.5**	0.03	0.05	*C07-08*
Tonsil	163	0.3	0.6	**0.5**	0.04	0.06	64	0.1	0.2	**0.2**	0.01	0.02	*C09*
Other oropharynx	33	0.1	0.1	**0.1**	0.01	0.01	11	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	997	1.8	3.4	**2.9**	0.23	0.32	467	0.7	1.5	**1.2**	0.09	0.12	*C11*
Hypopharynx	88	0.2	0.3	**0.3**	0.01	0.03	12	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	24	0.0	0.1	**0.1**	0.00	0.01	6	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	627	1.1	2.1	**2.0**	0.09	0.23	215	0.3	0.7	**0.5**	0.02	0.06	*C15*
Stomach	2981	5.3	10.2	**9.4**	0.42	1.06	2269	3.5	7.3	**5.6**	0.27	0.63	*C16*
Small intestine	197	0.4	0.7	**0.6**	0.03	0.07	184	0.3	0.6	**0.5**	0.02	0.06	*C17*
Colon	4566	8.2	15.6	**14.5**	0.64	1.67	5106	7.8	16.4	**12.7**	0.62	1.46	*C18*
Rectum	2796	5.0	9.6	**8.9**	0.51	1.07	2332	3.6	7.5	**5.9**	0.36	0.68	*C19-20*
Anus	93	0.2	0.3	**0.3**	0.02	0.03	135	0.2	0.4	**0.3**	0.02	0.04	*C21*
Liver	4701	8.4	16.1	**15.1**	0.91	1.86	1995	3.1	6.4	**5.1**	0.22	0.64	*C22*
Gallbladder etc.	611	1.1	2.1	**1.9**	0.08	0.23	737	1.1	2.4	**1.8**	0.08	0.21	*C23-24*
Pancreas	1465	2.6	5.0	**4.6**	0.20	0.51	1658	2.5	5.3	**4.0**	0.17	0.46	*C25*
Nose, sinuses etc.	145	0.3	0.5	**0.5**	0.03	0.05	84	0.1	0.3	**0.2**	0.01	0.02	*C30-31*
Larynx	374	0.7	1.3	**1.2**	0.06	0.15	68	0.1	0.2	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	8318	14.9	28.5	**26.4**	1.04	3.10	6263	9.6	20.2	**15.8**	0.70	1.93	*C33-34*
Other thoracic organs	166	0.3	0.6	**0.5**	0.04	0.05	114	0.2	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	168	0.3	0.6	**0.6**	0.03	0.05	161	0.2	0.5	**0.5**	0.03	0.04	*C40-41*
Melanoma of skin	253	0.5	0.9	**0.8**	0.04	0.09	293	0.4	0.9	**0.8**	0.05	0.08	*C43*
Other skin	146		0.5	**0.5**	0.02	0.05	192		0.6	**0.5**	0.03	0.05	*C44*
Mesothelioma	81	0.1	0.3	**0.3**	0.01	0.03	45	0.1	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	75	0.1	0.3	**0.2**	0.01	0.02	7	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	449	0.8	1.5	**1.5**	0.09	0.14	446	0.7	1.4	**1.2**	0.07	0.12	*C47+C49*
Breast	115	0.2	0.4	**0.4**	0.02	0.04	19768	30.3	63.7	**51.7**	3.90	5.83	*C50*
Vulva							151	0.2	0.5	**0.4**	0.02	0.04	*C51*
Vagina							116	0.2	0.4	**0.3**	0.02	0.04	*C52*
Cervix uteri							2068	3.2	6.7	**5.3**	0.41	0.56	*C53*
Corpus uteri							3644	5.6	11.7	**9.7**	0.76	1.13	*C54*
Uterus unspecified							95	0.1	0.3	**0.3**	0.02	0.03	*C55*
Ovary							2295	3.5	7.4	**6.0**	0.43	0.66	*C56*
Other female genital organs							110	0.2	0.4	**0.3**	0.02	0.03	*C57*
Placenta							40	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	67	0.1	0.2	**0.2**	0.01	0.02							*C60*
Prostate	12415	22.2	42.5	**41.9**	1.61	5.70							*C61*
Testis	381	0.7	1.3	**1.1**	0.08	0.08							*C62*
Other male genital organs	49	0.1	0.2	**0.2**	0.01	0.02							*C63*
Kidney	1507	2.7	5.2	**4.9**	0.28	0.58	933	1.4	3.0	**2.4**	0.14	0.29	*C64*
Renal pelvis	108	0.2	0.4	**0.4**	0.01	0.04	97	0.1	0.3	**0.2**	0.00	0.03	*C65*
Ureter	87	0.2	0.3	**0.3**	0.01	0.04	66	0.1	0.2	**0.2**	0.00	0.02	*C66*
Bladder	2182	3.9	7.5	**6.9**	0.25	0.77	758	1.2	2.4	**1.8**	0.07	0.20	*C67*
Other urinary organs	36	0.1	0.1	**0.1**	0.00	0.01	27	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	56	0.1	0.2	**0.2**	0.01	0.02	63	0.1	0.2	**0.2**	0.01	0.02	*C69*
Brain, nervous system	795	1.4	2.7	**2.7**	0.16	0.24	737	1.1	2.4	**2.2**	0.13	0.20	*C70-72*
Thyroid	961	1.7	3.3	**2.9**	0.20	0.33	4226	6.5	13.6	**11.1**	0.84	1.11	*C73*
Adrenal gland	38	0.1	0.1	**0.2**	0.01	0.01	60	0.1	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	40	0.1	0.1	**0.2**	0.01	0.01	29	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	299	0.5	1.0	**1.0**	0.06	0.08	226	0.3	0.7	**0.7**	0.04	0.05	*C81*
Non-Hodgkin lymphoma	2486	4.4	8.5	**7.9**	0.40	0.85	2332	3.6	7.5	**6.0**	0.33	0.66	*C82-85,C96*
Immunoproliferative diseases	33	0.1	0.1	**0.1**	0.00	0.01	23	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	607	1.1	2.1	**1.9**	0.09	0.22	583	0.9	1.9	**1.5**	0.07	0.18	*C90*
Lymphoid leukaemia	550	1.0	1.9	**2.1**	0.10	0.16	416	0.6	1.3	**1.5**	0.08	0.11	*C91*
Myeloid leukaemia	937	1.7	3.2	**3.0**	0.15	0.28	766	1.2	2.5	**2.1**	0.12	0.20	*C92-94*
Leukaemia unspecified	50	0.1	0.2	**0.2**	0.01	0.01	56	0.1	0.2	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	307	0.5	1.1	**1.0**	0.05	0.11	345	0.5	1.1	**0.9**	0.05	0.10	*MPD*
Myelodysplastic syndromes	535	1.0	1.8	**1.6**	0.04	0.15	475	0.7	1.5	**1.1**	0.03	0.10	*MDS*
Other and unspecified	1228	2.2	4.2	**3.8**	0.18	0.41	1471	2.3	4.7	**3.6**	0.16	0.37	*O&U*
All sites	56120		192.2	**180.9**	8.46	21.34	65517		211.0	**169.2**	10.62	18.90	*C00-96*
All sites except C44	55974	100.0	191.7	**180.4**	8.44	21.29	65325	100.0	210.4	**168.7**	10.59	18.85	*C00-96 exc. C44*
	§Includes 5 cases of unknown age						§Includes 3 cases of unknown age						

USA, NPCR (42 states): Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	64	0.0	0.1	**0.1**	0.01	0.01	50	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	2269	0.7	2.7	**2.8**	0.21	0.35	845	0.3	0.9	**0.8**	0.05	0.09	*C01-02*
Mouth	2089	0.6	2.5	**2.6**	0.19	0.31	1171	0.4	1.3	**1.0**	0.07	0.12	*C03-06*
Salivary glands	668	0.2	0.8	**0.8**	0.05	0.09	758	0.2	0.8	**0.7**	0.05	0.08	*C07-08*
Tonsil	1784	0.5	2.1	**2.1**	0.17	0.26	505	0.2	0.5	**0.5**	0.04	0.06	*C09*
Other oropharynx	803	0.2	1.0	**1.0**	0.07	0.12	253	0.1	0.3	**0.2**	0.02	0.03	*C10*
Nasopharynx	759	0.2	0.9	**0.9**	0.07	0.09	320	0.1	0.3	**0.3**	0.02	0.03	*C11*
Hypopharynx	1457	0.4	1.7	**1.8**	0.13	0.23	295	0.1	0.3	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	411	0.1	0.5	**0.5**	0.03	0.06	147	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	5614	1.6	6.7	**7.0**	0.43	0.89	2337	0.8	2.5	**2.1**	0.12	0.26	*C15*
Stomach	8254	2.4	9.8	**10.0**	0.49	1.16	6182	2.0	6.7	**4.9**	0.24	0.54	*C16*
Small intestine	1947	0.6	2.3	**2.4**	0.15	0.29	2099	0.7	2.3	**1.8**	0.12	0.22	*C17*
Colon	25704	7.5	30.7	**31.3**	1.66	3.73	29817	9.8	32.4	**25.0**	1.38	2.94	*C18*
Rectum	9401	2.8	11.2	**11.3**	0.70	1.36	8354	2.7	9.1	**7.3**	0.46	0.86	*C19-20*
Anus	1125	0.3	1.3	**1.3**	0.10	0.14	1171	0.4	1.3	**1.0**	0.07	0.12	*C21*
Liver	8375	2.5	10.0	**10.0**	0.77	1.19	3030	1.0	3.3	**2.6**	0.17	0.31	*C22*
Gallbladder etc.	1334	0.4	1.6	**1.6**	0.08	0.19	2219	0.7	2.4	**1.8**	0.09	0.21	*C23-24*
Pancreas	8694	2.5	10.4	**10.7**	0.59	1.31	10162	3.3	11.0	**8.2**	0.39	0.96	*C25*
Nose, sinuses etc.	574	0.2	0.7	**0.7**	0.05	0.08	399	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	6262	1.8	7.5	**7.8**	0.51	1.00	1580	0.5	1.7	**1.5**	0.10	0.19	*C32*
Trachea, bronchus and lung	54539	16.0	65.1	**67.8**	3.57	8.55	39288	12.9	42.7	**34.6**	1.92	4.38	*C33-34*
Other thoracic organs	411	0.1	0.5	**0.5**	0.03	0.05	424	0.1	0.5	**0.4**	0.03	0.04	*C37-38*
Bone	755	0.2	0.9	**0.9**	0.06	0.07	755	0.2	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	558	0.2	0.7	**0.7**	0.03	0.07	791	0.3	0.9	**0.7**	0.04	0.07	*C43*
Other skin	760		0.9	**0.9**	0.06	0.08	975		1.1	**0.9**	0.07	0.09	*C44*
Mesothelioma	494	0.1	0.6	**0.6**	0.03	0.07	162	0.1	0.2	**0.1**	0.01	0.02	*C45*
Kaposi sarcoma	1411	0.4	1.7	**1.5**	0.12	0.13	208	0.1	0.2	**0.2**	0.01	0.02	*C46*
Connective and soft tissue	2166	0.6	2.6	**2.5**	0.16	0.24	2459	0.8	2.7	**2.4**	0.16	0.24	*C47+C49*
Breast	946	0.3	1.1	**1.1**	0.07	0.13	91046	29.8	98.9	**82.0**	5.94	9.35	*C50*
Vulva							1374	0.5	1.5	**1.2**	0.09	0.12	*C51*
Vagina							808	0.3	0.9	**0.7**	0.04	0.07	*C52*
Cervix uteri							8798	2.9	9.6	**8.0**	0.60	0.83	*C53*
Corpus uteri							15414	5.1	16.8	**14.4**	0.91	1.85	*C54*
Uterus unspecified							1060	0.3	1.2	**0.9**	0.06	0.11	*C55*
Ovary							7729	2.5	8.4	**6.9**	0.44	0.79	*C56*
Other female genital organs							403	0.1	0.4	**0.4**	0.02	0.04	*C57*
Placenta							127	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	524	0.2	0.6	**0.6**	0.04	0.07							*C60*
Prostate	126096	36.9	150.4	**162.3**	9.20	21.75							*C61*
Testis	1076	0.3	1.3	**1.2**	0.09	0.09							*C62*
Other male genital organs	107	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	12134	3.6	14.5	**14.8**	0.96	1.79	8371	2.7	9.1	**7.6**	0.48	0.89	*C64*
Renal pelvis	254	0.1	0.3	**0.3**	0.01	0.04	188	0.1	0.2	**0.2**	0.01	0.02	*C65*
Ureter	136	0.0	0.2	**0.2**	0.01	0.02	128	0.0	0.1	**0.1**	0.00	0.01	*C66*
Bladder	8947	2.6	10.7	**10.9**	0.47	1.25	4814	1.6	5.2	**3.8**	0.15	0.43	*C67*
Other urinary organs	246	0.1	0.3	**0.3**	0.01	0.04	239	0.1	0.3	**0.2**	0.01	0.03	*C68*
Eye	219	0.1	0.3	**0.3**	0.02	0.02	195	0.1	0.2	**0.3**	0.01	0.02	*C69*
Brain, nervous system	3225	0.9	3.8	**3.9**	0.25	0.38	3076	1.0	3.3	**3.1**	0.19	0.28	*C70-72*
Thyroid	1767	0.5	2.1	**2.1**	0.15	0.23	7969	2.6	8.7	**7.5**	0.59	0.77	*C73*
Adrenal gland	238	0.1	0.3	**0.3**	0.02	0.02	278	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	160	0.0	0.2	**0.2**	0.01	0.02	175	0.1	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	2289	0.7	2.7	**2.6**	0.19	0.23	1987	0.7	2.2	**2.0**	0.14	0.17	*C81*
Non-Hodgkin lymphoma	10493	3.1	12.5	**12.3**	0.83	1.33	9242	3.0	10.0	**8.3**	0.54	0.92	*C82-85,C96*
Immunoproliferative diseases	113	0.0	0.1	**0.1**	0.01	0.01	92	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	7041	2.1	8.4	**8.7**	0.47	1.06	7382	2.4	8.0	**6.3**	0.35	0.77	*C90*
Lymphoid leukaemia	3446	1.0	4.1	**4.3**	0.22	0.45	2463	0.8	2.7	**2.3**	0.12	0.23	*C91*
Myeloid leukaemia	3227	0.9	3.8	**3.8**	0.21	0.40	3299	1.1	3.6	**3.0**	0.18	0.30	*C92-94*
Leukaemia unspecified	345	0.1	0.4	**0.4**	0.02	0.04	323	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	1385	0.4	1.7	**1.6**	0.09	0.18	1496	0.5	1.6	**1.3**	0.07	0.14	*MPD*
Myelodysplastic syndromes	1577	0.5	1.9	**1.9**	0.07	0.20	1760	0.6	1.9	**1.4**	0.06	0.15	*MDS*
Other and unspecified	7549	2.2	9.0	**9.1**	0.50	1.06	9025	3.0	9.8	**7.3**	0.37	0.81	*O&U*
All sites	342222		408.3	**425.5**	24.40	52.95	306017		332.5	**270.8**	17.15	31.19	*C00-96*
All sites except C44	341462	100.0	407.3	**424.6**	24.33	52.86	305042	100.0	331.5	**269.8**	17.08	31.10	*C00-96 exc. C44*

§Includes 12 cases of unknown age

§Includes 5 cases of unknown age

USA, NPCR (42 states): White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	6098	0.2	1.2	**0.7**	0.04	0.08	1855	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	24962	0.9	4.7	**3.4**	0.25	0.41	10567	0.4	2.0	**1.2**	0.08	0.14	*C01-02*
Mouth	14878	0.5	2.8	**2.0**	0.13	0.24	10419	0.4	1.9	**1.0**	0.06	0.12	*C03-06*
Salivary glands	8442	0.3	1.6	**1.0**	0.05	0.11	5632	0.2	1.0	**0.7**	0.04	0.07	*C07-08*
Tonsil	16238	0.6	3.1	**2.3**	0.19	0.26	4000	0.2	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	3876	0.1	0.7	**0.5**	0.04	0.07	1443	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	3444	0.1	0.7	**0.5**	0.04	0.05	1465	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	6362	0.2	1.2	**0.8**	0.05	0.11	1729	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	2188	0.1	0.4	**0.3**	0.02	0.03	823	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	45766	1.6	8.7	**5.7**	0.32	0.72	12407	0.5	2.3	**1.2**	0.05	0.14	*C15*
Stomach	43700	1.6	8.3	**5.3**	0.26	0.62	26864	1.0	5.0	**2.5**	0.12	0.28	*C16*
Small intestine	11598	0.4	2.2	**1.5**	0.09	0.18	10071	0.4	1.9	**1.1**	0.06	0.13	*C17*
Colon	193656	6.9	36.6	**23.0**	1.06	2.68	201540	7.8	37.4	**18.0**	0.83	2.04	*C18*
Rectum	87635	3.1	16.6	**11.1**	0.65	1.35	64458	2.5	12.0	**6.7**	0.40	0.78	*C19-20*
Anus	6869	0.2	1.3	**0.9**	0.06	0.10	11726	0.5	2.2	**1.4**	0.10	0.16	*C21*
Liver	45080	1.6	8.5	**5.8**	0.37	0.69	18913	0.7	3.5	**1.9**	0.10	0.22	*C22*
Gallbladder etc.	13492	0.5	2.6	**1.5**	0.07	0.18	17013	0.7	3.2	**1.5**	0.07	0.17	*C23-24*
Pancreas	66830	2.4	12.6	**8.0**	0.40	0.97	66214	2.6	12.3	**5.9**	0.27	0.69	*C25*
Nose, sinuses etc.	4674	0.2	0.9	**0.6**	0.04	0.07	3163	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	36307	1.3	6.9	**4.7**	0.29	0.60	9451	0.4	1.8	**1.1**	0.07	0.14	*C32*
Trachea, bronchus and lung	435876	15.5	82.4	**52.8**	2.34	6.70	367779	14.2	68.2	**37.3**	1.82	4.83	*C33-34*
Other thoracic organs	2802	0.1	0.5	**0.4**	0.03	0.04	1860	0.1	0.3	**0.2**	0.02	0.03	*C37-38*
Bone	6595	0.2	1.2	**1.1**	0.07	0.09	5208	0.2	1.0	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	128924	4.6	24.4	**16.8**	1.03	1.89	96757	3.7	17.9	**12.7**	0.91	1.28	*C43*
Other skin	9200		1.7	**1.1**	0.05	0.11	7236		1.3	**0.8**	0.05	0.08	*C44*
Mesothelioma	10262	0.4	1.9	**1.1**	0.04	0.13	2851	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	3651	0.1	0.7	**0.5**	0.04	0.05	488	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	20395	0.7	3.9	**2.8**	0.16	0.28	15842	0.6	2.9	**2.1**	0.13	0.20	*C47+C49*
Breast	6711	0.2	1.3	**0.8**	0.04	0.10	734383	28.4	136.2	**86.0**	6.05	9.99	*C50*
Vulva							15617	0.6	2.9	**1.6**	0.10	0.17	*C51*
Vagina							4035	0.2	0.7	**0.4**	0.02	0.05	*C52*
Cervix uteri							43408	1.7	8.0	**6.2**	0.49	0.60	*C53*
Corpus uteri							146130	5.6	27.1	**17.3**	1.26	2.12	*C54*
Uterus unspecified							4383	0.2	0.8	**0.4**	0.03	0.05	*C55*
Ovary							83672	3.2	15.5	**9.5**	0.63	1.09	*C56*
Other female genital organs							3976	0.2	0.7	**0.4**	0.03	0.05	*C57*
Placenta							379	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	4139	0.1	0.8	**0.5**	0.03	0.06							*C60*
Prostate	758823	27.1	143.4	**97.8**	4.98	13.36							*C61*
Testis	32219	1.1	6.1	**5.7**	0.42	0.43							*C62*
Other male genital organs	1123	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	100348	3.6	19.0	**13.2**	0.81	1.59	62156	2.4	11.5	**7.1**	0.43	0.83	*C64*
Renal pelvis	5422	0.2	1.0	**0.6**	0.02	0.07	3975	0.2	0.7	**0.3**	0.01	0.04	*C65*
Ureter	3877	0.1	0.7	**0.4**	0.02	0.05	2585	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	195453	7.0	36.9	**22.5**	0.91	2.65	64513	2.5	12.0	**5.9**	0.27	0.70	*C67*
Other urinary organs	1826	0.1	0.3	**0.2**	0.01	0.02	810	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	5533	0.2	1.0	**0.8**	0.05	0.08	4861	0.2	0.9	**0.7**	0.04	0.06	*C69*
Brain, nervous system	44121	1.6	8.3	**6.8**	0.42	0.66	36272	1.4	6.7	**5.1**	0.31	0.48	*C70-72*
Thyroid	28568	1.0	5.4	**4.1**	0.30	0.45	86474	3.3	16.0	**12.8**	1.00	1.23	*C73*
Adrenal gland	1692	0.1	0.3	**0.4**	0.02	0.02	1798	0.1	0.3	**0.3**	0.02	0.03	*C74*
Other endocrine	934	0.0	0.2	**0.2**	0.01	0.01	648	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	17124	0.6	3.2	**2.9**	0.19	0.24	14283	0.6	2.6	**2.4**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	122282	4.4	23.1	**15.7**	0.87	1.75	106844	4.1	19.8	**11.1**	0.62	1.27	*C82-85,C96*
Immunoproliferative diseases	2395	0.1	0.5	**0.3**	0.01	0.03	1682	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	33578	1.2	6.3	**4.0**	0.20	0.48	26846	1.0	5.0	**2.6**	0.13	0.31	*C90*
Lymphoid leukaemia	43654	1.6	8.3	**6.3**	0.31	0.61	29866	1.2	5.5	**3.8**	0.18	0.34	*C91*
Myeloid leukaemia	36082	1.3	6.8	**4.7**	0.24	0.48	29096	1.1	5.4	**3.3**	0.19	0.33	*C92-94*
Leukaemia unspecified	3776	0.1	0.7	**0.4**	0.01	0.04	3492	0.1	0.6	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	15518	0.6	2.9	**2.0**	0.11	0.22	14729	0.6	2.7	**1.5**	0.08	0.16	*MPD*
Myelodysplastic syndromes	27597	1.0	5.2	**2.9**	0.08	0.29	21633	0.8	4.0	**1.7**	0.06	0.18	*MDS*
Other and unspecified	61274	2.2	11.6	**7.2**	0.35	0.81	70297	2.7	13.0	**6.2**	0.29	0.69	*O&U*
All sites	2813869		531.9	**357.0**	18.57	43.35	2596617		481.5	**287.5**	17.81	32.86	*C00-96*
All sites except C44	2804669	100.0	530.1	**355.9**	18.52	43.24	2589381	100.0	480.1	**286.7**	17.77	32.78	*C00-96 exc. C44*

§Includes 69 cases of unknown age

§Includes 61 cases of unknown age

USA, SEER

REGISTRATION AREA

Participant registries in the Surveillance, Epidemiology, and End Results (SEER) Program were selected on the basis of their ability to operate and maintain a high-quality population-based cancer reporting system, and for their epidemiologically significant population subgroups. The SEER Program currently covers approximately 26% of the United States population. However, for consistency with earlier IARC publications, data were submitted from the original nine SEER areas: five states (Connecticut, Iowa, New Mexico, Utah, and Hawaii) and four metropolitan areas (the San Francisco Bay area, California; Detroit, Michigan; Atlanta, Georgia; and Seattle, Washington). These registries cover approximately 10% of the United States population, and are fairly comparable to the country's general population with regard to measures of poverty and education.

REGISTRY STRUCTURE AND METHODS

The SEER Program is a continuing project of the Surveillance Research Program of the United States National Cancer Institute (NCI). It was initiated in 1973 as an outgrowth of the End Results Program and the three National Cancer Surveys. The programme aims to determine the incidence of cancer in selected geographical areas in relation to certain demographic and social characteristics of the population, and to estimate annual incidence in the USA. Trends in incidence by site and histology are monitored, as are survival and trends in survival. Studies are conducted to identify possible etiological factors, which can identify groups within the population at high or low risk of cancer. Participant registries transmit data to NCI within 13 months after the end of each calendar year. In addition to all malignant and in situ neoplasms as defined by ICD-O (with the exception of non-melanoma skin cancers and cervical carcinoma in situ since 1996), the registries collect information about extent of disease and first course of therapy. Neither patient names nor the names of treating facilities are provided to NCI.

USE OF THE DATA

SEER data are updated annually and provided as a public service. The data are used by thousands of researchers, clinicians, public health officials, legislators, policy-makers, community groups, and the public. SEER publications and data are available from the SEER website (http://www.seer.cancer.gov/).

CONTRIBUTORS

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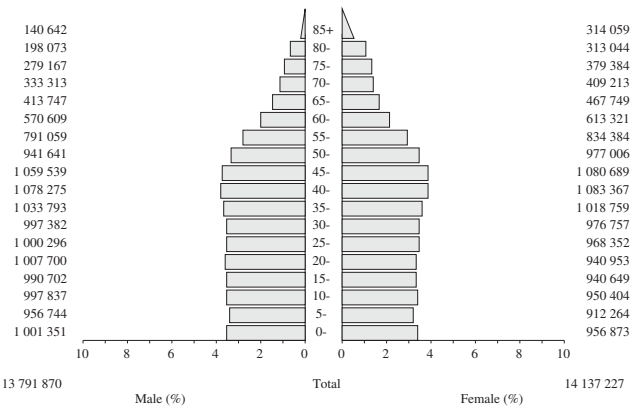
USA, SEER (9 registries) (2003-2007)
Average annual person-years by sex and age group

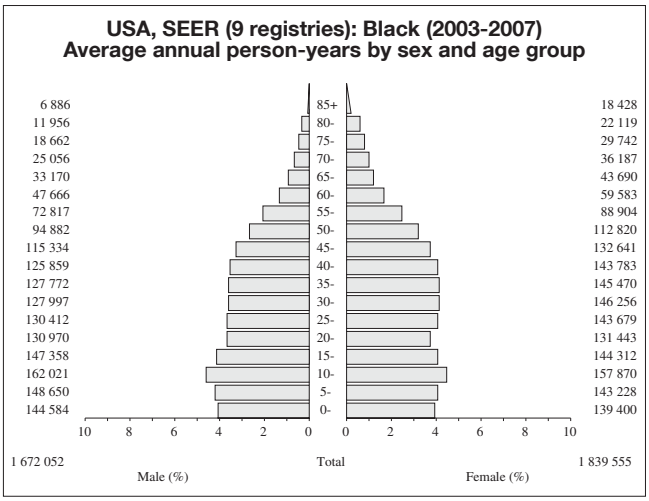


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

USA, SEER (9 REGISTRIES)
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

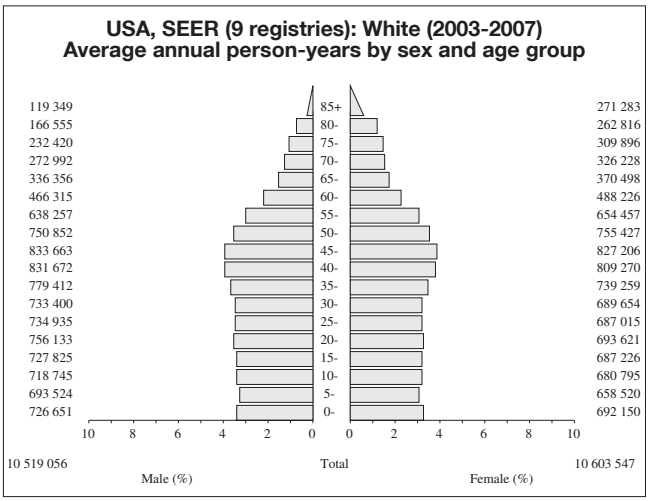
Male		Female	
Prostate	112.7	Breast	89.2
Trachea, bronchus and lung	45.8	Trachea, bronchus and lung	33.4
Colon	22.3	Colon	18.3
Bladder	21.0	Corpus uteri	18.0
Melanoma of skin	17.3	Thyroid	13.2
Non-Hodgkin lymphoma	16.3	Melanoma of skin	13.2
Kidney	12.3	Non-Hodgkin lymphoma	11.4
Rectum	11.2	Ovary	9.3
Pancreas	8.4	Rectum	6.8
Liver	7.4	Kidney	6.6
All sites	364.2	All sites	288.2



NOTES ON THE DATA: *No official mortality data.

USA, SEER (9 REGISTRIES): BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

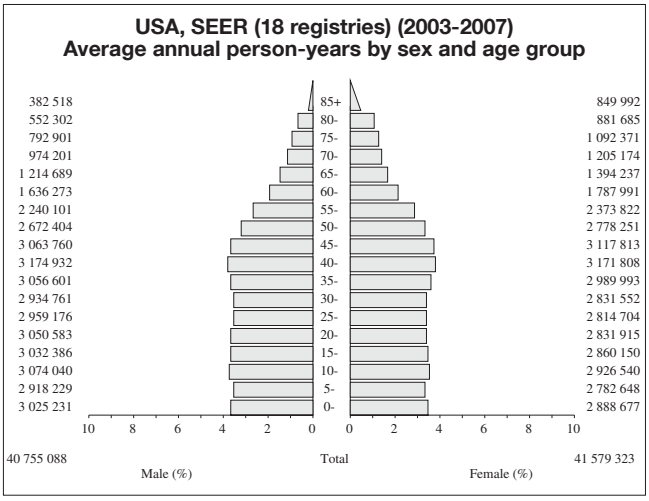
Male		Female	
Prostate	178.6	Breast	85.7
Trachea, bronchus and lung	66.8	Trachea, bronchus and lung	37.4
Colon	30.2	Colon	24.9
Kidney	15.3	Corpus uteri	14.5
Non-Hodgkin lymphoma	14.4	Non-Hodgkin lymphoma	9.6
Bladder	11.9	Pancreas	9.0
Liver	11.6	Rectum	8.1
Pancreas	11.4	Ovary	7.5
Rectum	11.3	Kidney	7.3
Stomach	10.4	Cervix uteri	7.1
All sites	446.6	All sites	282.3



NOTES ON THE DATA: *No official mortality data.

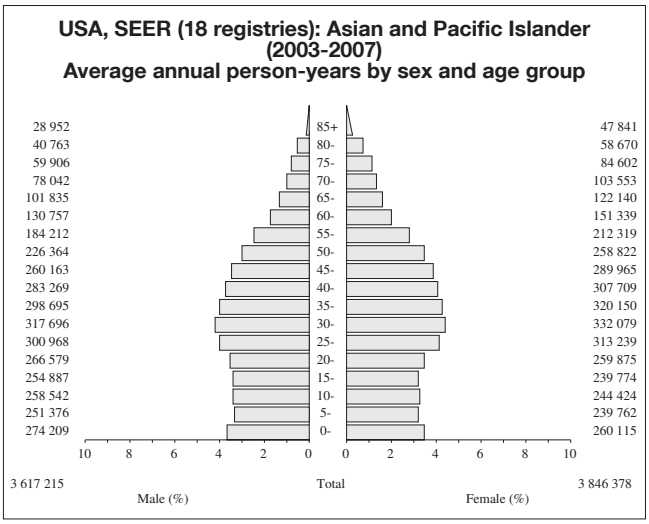
USA, SEER (9 REGISTRIES): WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	109.2	Breast	91.8
Trachea, bronchus and lung	44.8	Trachea, bronchus and lung	34.6
Bladder	23.0	Corpus uteri	18.7
Colon	21.9	Colon	17.7
Melanoma of skin	20.9	Melanoma of skin	16.5
Non-Hodgkin lymphoma	17.0	Thyroid	14.2
Kidney	12.4	Non-Hodgkin lymphoma	12.0
Rectum	10.9	Ovary	9.7
Pancreas	8.3	Kidney	6.7
Lymphoid leukaemia	7.1	Rectum	6.6
All sites	366.2	All sites	297.2



USA, SEER (18 REGISTRIES)
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

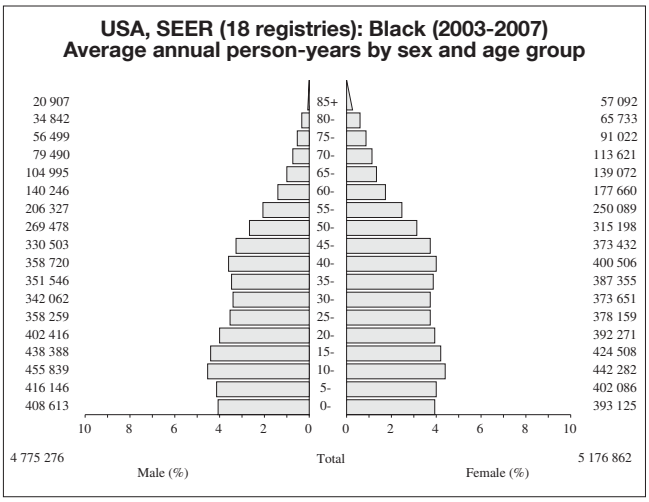
Male		Female	
Prostate	106.8	Breast	86.6
Trachea, bronchus and lung	48.3	Trachea, bronchus and lung	33.8
Colon	23.0	Colon	18.2
Bladder	20.8	Corpus uteri	16.7
Melanoma of skin	16.8	Thyroid	12.3
Non-Hodgkin lymphoma	15.5	Melanoma of skin	12.0
Kidney	12.4	Non-Hodgkin lymphoma	10.8
Rectum	11.3	Ovary	9.2
Pancreas	8.2	Rectum	7.0
Liver	7.6	Kidney	6.5
All sites	359.4	All sites	282.6



NOTES ON THE DATA: *No official mortality data.

USA, SEER (18 REGISTRIES): ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

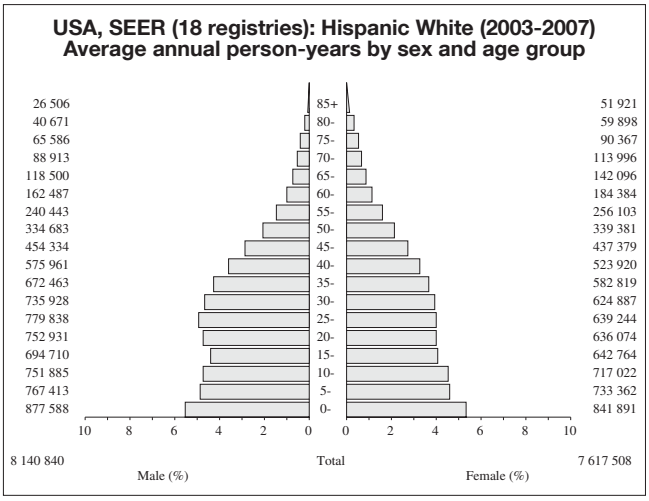
Male		Female	
Prostate	57.6	Breast	66.7
Trachea, bronchus and lung	31.6	Trachea, bronchus and lung	17.5
Colon	17.3	Colon	14.7
Liver	15.5	Corpus uteri	13.2
Rectum	11.5	Thyroid	12.5
Non-Hodgkin lymphoma	10.3	Ovary	7.3
Stomach	10.2	Non-Hodgkin lymphoma	7.3
Bladder	8.8	Rectum	6.7
Kidney	6.5	Stomach	6.1
Pancreas	6.0	Cervix uteri	5.7
All sites	226.6	All sites	204.7



NOTES ON THE DATA: *No official mortality data.

USA, SEER (18 REGISTRIES): BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

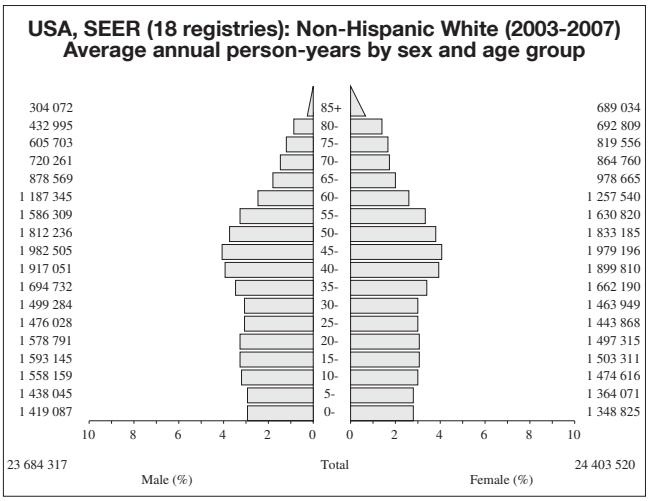
Male		Female	
Prostate	168.3	Breast	83.9
Trachea, bronchus and lung	66.8	Trachea, bronchus and lung	35.5
Colon	31.9	Colon	25.3
Kidney	14.8	Corpus uteri	14.2
Non-Hodgkin lymphoma	12.9	Pancreas	8.6
Bladder	12.1	Non-Hodgkin lymphoma	8.6
Rectum	11.7	Rectum	8.0
Pancreas	10.9	Cervix uteri	7.9
Stomach	10.4	Kidney	7.2
Liver	10.1	Thyroid	7.1
All sites	435.0	All sites	275.8



NOTES ON THE DATA: *No official mortality data.

USA, SEER (18 REGISTRIES): HISPANIC WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

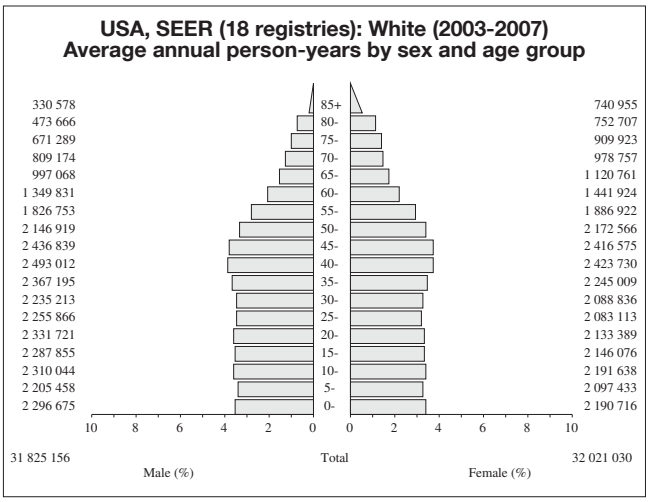
Male		Female	
Prostate	85.7	Breast	66.8
Trachea, bronchus and lung	25.0	Trachea, bronchus and lung	16.5
Colon	18.9	Colon	14.7
Non-Hodgkin lymphoma	13.2	Corpus uteri	13.9
Kidney	12.2	Thyroid	11.7
Liver	11.8	Non-Hodgkin lymphoma	10.2
Bladder	11.3	Cervix uteri	10.0
Rectum	10.4	Ovary	8.5
Stomach	9.4	Kidney	7.1
Pancreas	7.1	Pancreas	6.1
All sites	272.7	All sites	229.6



NOTES ON THE DATA: *No official mortality data.

USA, SEER (18 REGISTRIES): NON-HISPANIC WHITE 10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	104.3	Breast	92.5
Trachea, bronchus and lung	51.2	Trachea, bronchus and lung	38.1
Bladder	24.1	Colon	17.9
Colon	23.1	Corpus uteri	17.8
Melanoma of skin	22.7	Melanoma of skin	17.0
Non-Hodgkin lymphoma	16.6	Thyroid	13.6
Kidney	12.8	Non-Hodgkin lymphoma	11.5
Rectum	11.3	Ovary	9.9
Pancreas	8.3	Rectum	7.0
Brain, nervous system	7.2	Kidney	6.7
All sites	373.7	All sites	301.0



NOTES ON THE DATA: *No official mortality data.

USA, SEER (18 REGISTRIES): WHITE 10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	101.9	Breast	88.8
Trachea, bronchus and lung	48.0	Trachea, bronchus and lung	35.3
Colon	22.6	Colon	17.6
Bladder	22.6	Corpus uteri	17.4
Melanoma of skin	19.6	Melanoma of skin	14.4
Non-Hodgkin lymphoma	16.1	Thyroid	13.1
Kidney	12.7	Non-Hodgkin lymphoma	11.3
Rectum	11.1	Ovary	9.7
Pancreas	8.1	Rectum	6.8
Brain, nervous system	6.7	Kidney	6.7
All sites	359.5	All sites	290.2

USA, SEER (9 registries) (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	781	0.2	1.1	**0.8**	0.03	0.09	231	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	2904	0.9	4.2	**3.3**	0.24	0.40	1292	0.4	1.8	**1.2**	0.08	0.14	*C01-02*
Mouth	1702	0.5	2.5	**1.9**	0.12	0.23	1279	0.4	1.8	**1.1**	0.06	0.12	*C03-06*
Salivary glands	1000	0.3	1.5	**1.1**	0.06	0.11	766	0.2	1.1	**0.7**	0.05	0.08	*C07-08*
Tonsil	1770	0.5	2.6	**2.0**	0.17	0.24	436	0.1	0.6	**0.4**	0.03	0.05	*C09*
Other oropharynx	362	0.1	0.5	**0.4**	0.03	0.05	108	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	670	0.2	1.0	**0.8**	0.06	0.09	298	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	740	0.2	1.1	**0.8**	0.05	0.11	197	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	180	0.1	0.3	**0.2**	0.01	0.02	97	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	4990	1.5	7.2	**5.3**	0.28	0.66	1567	0.5	2.2	**1.2**	0.06	0.15	*C15*
Stomach	6366	1.9	9.2	**6.5**	0.30	0.75	3978	1.3	5.6	**3.1**	0.15	0.34	*C16*
Small intestine	1519	0.4	2.2	**1.6**	0.09	0.20	1291	0.4	1.8	**1.1**	0.06	0.13	*C17*
Colon	22086	6.5	32.0	**22.3**	1.04	2.61	24013	7.6	34.0	**18.3**	0.84	2.09	*C18*
Rectum	10465	3.1	15.2	**11.2**	0.65	1.34	7887	2.5	11.2	**6.8**	0.41	0.78	*C19-20*
Anus	911	0.3	1.3	**1.0**	0.07	0.11	1304	0.4	1.8	**1.2**	0.09	0.14	*C21*
Liver	6803	2.0	9.9	**7.4**	0.50	0.88	2770	0.9	3.9	**2.4**	0.12	0.28	*C22*
Gallbladder etc.	1699	0.5	2.5	**1.7**	0.07	0.19	2187	0.7	3.1	**1.6**	0.07	0.19	*C23-24*
Pancreas	8204	2.4	11.9	**8.4**	0.41	1.01	8316	2.6	11.8	**6.3**	0.28	0.73	*C25*
Nose, sinuses etc.	508	0.2	0.7	**0.6**	0.04	0.06	417	0.1	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	3713	1.1	5.4	**4.1**	0.24	0.52	954	0.3	1.3	**0.9**	0.06	0.12	*C32*
Trachea, bronchus and lung	44421	13.2	64.4	**45.8**	1.98	5.71	39681	12.6	56.1	**33.4**	1.57	4.28	*C33-34*
Other thoracic organs	457	0.1	0.7	**0.6**	0.04	0.06	297	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	735	0.2	1.1	**1.0**	0.06	0.08	682	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	15956	4.7	23.1	**17.3**	1.08	1.95	12650	4.0	17.9	**13.2**	0.95	1.33	*C43*
Other skin	1222		1.8	**1.3**	0.06	0.13	1111		1.6	**1.0**	0.06	0.10	*C44*
Mesothelioma	1032	0.3	1.5	**1.0**	0.03	0.12	327	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	855	0.3	1.2	**1.0**	0.08	0.09	66	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	2618	0.8	3.8	**3.0**	0.17	0.28	2035	0.6	2.9	**2.1**	0.13	0.20	*C47+C49*
Breast	725	0.2	1.1	**0.8**	0.04	0.09	92751	29.5	131.2	**89.2**	6.32	10.32	*C50*
Vulva							1757	0.6	2.5	**1.5**	0.09	0.16	*C51*
Vagina							536	0.2	0.8	**0.5**	0.03	0.05	*C52*
Cervix uteri							5009	1.6	7.1	**5.5**	0.43	0.54	*C53*
Corpus uteri							18411	5.9	26.0	**18.0**	1.29	2.22	*C54*
Uterus unspecified							422	0.1	0.6	**0.4**	0.02	0.04	*C55*
Ovary							9946	3.2	14.1	**9.3**	0.63	1.06	*C56*
Other female genital organs							511	0.2	0.7	**0.5**	0.03	0.06	*C57*
Placenta							67	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	417	0.1	0.6	**0.4**	0.02	0.04							*C60*
Prostate	101855	30.2	147.7	**112.7**	5.86	15.28							*C61*
Testis	4000	1.2	5.8	**5.3**	0.39	0.40							*C62*
Other male genital organs	169	0.1	0.2	**0.2**	0.01	0.02							*C63*
Kidney	11162	3.3	16.2	**12.3**	0.77	1.48	6992	2.2	9.9	**6.6**	0.41	0.76	*C64*
Renal pelvis	605	0.2	0.9	**0.6**	0.02	0.07	451	0.1	0.6	**0.3**	0.01	0.03	*C65*
Ureter	421	0.1	0.6	**0.4**	0.01	0.05	295	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	21259	6.3	30.8	**21.0**	0.83	2.43	7063	2.2	10.0	**5.4**	0.24	0.64	*C67*
Other urinary organs	260	0.1	0.4	**0.2**	0.01	0.03	129	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	627	0.2	0.9	**0.8**	0.04	0.08	526	0.2	0.7	**0.6**	0.04	0.06	*C69*
Brain, nervous system	5009	1.5	7.3	**6.2**	0.39	0.61	4096	1.3	5.8	**4.6**	0.28	0.44	*C70-72*
Thyroid	3662	1.1	5.3	**4.2**	0.31	0.46	11534	3.7	16.3	**13.2**	1.03	1.27	*C73*
Adrenal gland	204	0.1	0.3	**0.4**	0.02	0.02	194	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	107	0.0	0.2	**0.2**	0.01	0.01	56	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	2222	0.7	3.2	**2.9**	0.20	0.24	1882	0.6	2.7	**2.4**	0.16	0.20	*C81*
Non-Hodgkin lymphoma	15285	4.5	22.2	**16.3**	0.91	1.80	13050	4.2	18.5	**11.4**	0.65	1.29	*C82-85,C96*
Immunoproliferative diseases	342	0.1	0.5	**0.3**	0.01	0.03	234	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	4386	1.3	6.4	**4.5**	0.22	0.54	3597	1.1	5.1	**3.0**	0.15	0.36	*C90*
Lymphoid leukaemia	5580	1.7	8.1	**6.6**	0.32	0.66	3791	1.2	5.4	**3.8**	0.19	0.36	*C91*
Myeloid leukaemia	4213	1.2	6.1	**4.5**	0.22	0.46	3479	1.1	4.9	**3.2**	0.18	0.32	*C92-94*
Leukaemia unspecified	320	0.1	0.5	**0.3**	0.01	0.03	339	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	1990	0.6	2.9	**2.1**	0.11	0.24	1966	0.6	2.8	**1.6**	0.09	0.18	*MPD*
Myelodysplastic syndromes	3507	1.0	5.1	**3.2**	0.09	0.31	2760	0.9	3.9	**1.9**	0.06	0.19	*MDS*
Other and unspecified	5882	1.7	8.5	**5.9**	0.28	0.66	7228	2.3	10.2	**5.4**	0.25	0.59	*O&U*
All sites	338878		491.4	**364.2**	19.07	44.13	315309		446.1	**288.2**	17.87	32.80	*C00-96*
All sites except C44	337656	100.0	489.6	**363.0**	19.00	44.00	314198	100.0	444.5	**287.2**	17.81	32.70	*C00-96 exc. C44*

§Includes 15 cases of unknown age

§Includes 3 cases of unknown age

*USA, SEER (9 registries): Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	8	0.0	0.1	**0.1**	0.00	0.02	6	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	227	0.7	2.7	**3.0**	0.20	0.41	85	0.3	0.9	**0.8**	0.05	0.10	*C01-02*
Mouth	170	0.5	2.0	**2.1**	0.15	0.25	129	0.4	1.4	**1.2**	0.08	0.13	*C03-06*
Salivary glands	62	0.2	0.7	**0.7**	0.05	0.08	90	0.3	1.0	**0.9**	0.06	0.09	*C07-08*
Tonsil	166	0.5	2.0	**2.1**	0.16	0.27	53	0.2	0.6	**0.5**	0.04	0.05	*C09*
Other oropharynx	79	0.2	0.9	**1.0**	0.07	0.12	18	0.1	0.2	**0.2**	0.01	0.01	*C10*
Nasopharynx	72	0.2	0.9	**0.9**	0.06	0.09	22	0.1	0.2	**0.2**	0.01	0.03	*C11*
Hypopharynx	133	0.4	1.6	**1.8**	0.12	0.23	36	0.1	0.4	**0.4**	0.02	0.04	*C12-13*
Pharynx unspecified	30	0.1	0.4	**0.4**	0.02	0.05	18	0.1	0.2	**0.2**	0.01	0.02	*C14*
Oesophagus	453	1.4	5.4	**6.0**	0.35	0.78	230	0.8	2.5	**2.2**	0.13	0.26	*C15*
Stomach	801	2.4	9.6	**10.4**	0.49	1.15	565	1.9	6.1	**4.8**	0.23	0.51	*C16*
Small intestine	176	0.5	2.1	**2.3**	0.13	0.29	201	0.7	2.2	**1.9**	0.10	0.23	*C17*
Colon	2316	6.9	27.7	**30.2**	1.55	3.57	2746	9.2	29.9	**24.9**	1.32	2.94	*C18*
Rectum	895	2.7	10.7	**11.3**	0.64	1.34	859	2.9	9.3	**8.1**	0.50	0.97	*C19-20*
Anus	133	0.4	1.6	**1.5**	0.11	0.15	131	0.4	1.4	**1.2**	0.08	0.14	*C21*
Liver	936	2.8	11.2	**11.6**	0.96	1.37	336	1.1	3.7	**3.1**	0.20	0.37	*C22*
Gallbladder etc.	132	0.4	1.6	**1.6**	0.09	0.17	223	0.7	2.4	**2.0**	0.10	0.24	*C23-24*
Pancreas	851	2.5	10.2	**11.4**	0.59	1.41	995	3.3	10.8	**9.0**	0.42	1.06	*C25*
Nose, sinuses etc.	51	0.2	0.6	**0.7**	0.04	0.09	43	0.1	0.5	**0.4**	0.03	0.04	*C30-31*
Larynx	553	1.6	6.6	**7.4**	0.47	0.97	150	0.5	1.6	**1.5**	0.10	0.19	*C32*
Trachea, bronchus and lung	4972	14.8	59.5	**66.8**	3.40	8.46	3919	13.1	42.6	**37.4**	2.01	4.70	*C33-34*
Other thoracic organs	43	0.1	0.5	**0.5**	0.03	0.05	40	0.1	0.4	**0.4**	0.02	0.04	*C37-38*
Bone	62	0.2	0.7	**0.8**	0.04	0.06	79	0.3	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	50	0.1	0.6	**0.7**	0.03	0.08	69	0.2	0.8	**0.6**	0.03	0.07	*C43*
Other skin	88		1.1	**1.0**	0.06	0.10	131		1.4	**1.2**	0.09	0.11	*C44*
Mesothelioma	33	0.1	0.4	**0.4**	0.02	0.06	17	0.1	0.2	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	260	0.8	3.1	**2.7**	0.21	0.22	13	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	215	0.6	2.6	**2.5**	0.16	0.23	241	0.8	2.6	**2.4**	0.16	0.23	*C47+C49*
Breast	82	0.2	1.0	**1.1**	0.08	0.12	9075	30.4	98.7	**85.7**	6.13	9.83	*C50*
Vulva							145	0.5	1.6	**1.4**	0.10	0.14	*C51*
Vagina							85	0.3	0.9	**0.8**	0.04	0.10	*C52*
Cervix uteri							763	2.6	8.3	**7.1**	0.53	0.75	*C53*
Corpus uteri							1430	4.8	15.5	**14.5**	0.94	1.88	*C54*
Uterus unspecified							95	0.3	1.0	**0.9**	0.05	0.12	*C55*
Ovary							794	2.7	8.6	**7.5**	0.48	0.85	*C56*
Other female genital organs							43	0.1	0.5	**0.4**	0.03	0.05	*C57*
Placenta							9	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	41	0.1	0.5	**0.5**	0.02	0.05							*C60*
Prostate	12884	38.4	154.1	**178.6**	10.32	24.09							*C61*
Testis	101	0.3	1.2	**1.1**	0.08	0.09							*C62*
Other male genital organs	15	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	1185	3.5	14.2	**15.3**	0.98	1.86	767	2.6	8.3	**7.3**	0.43	0.86	*C64*
Renal pelvis	34	0.1	0.4	**0.5**	0.02	0.05	14	0.0	0.2	**0.1**	0.00	0.01	*C65*
Ureter	9	0.0	0.1	**0.1**	0.01	0.02	8	0.0	0.1	**0.1**	0.00	0.01	*C66*
Bladder	894	2.7	10.7	**11.9**	0.50	1.38	485	1.6	5.3	**4.2**	0.14	0.48	*C67*
Other urinary organs	23	0.1	0.3	**0.3**	0.01	0.04	19	0.1	0.2	**0.2**	0.01	0.03	*C68*
Eye	21	0.1	0.3	**0.3**	0.01	0.02	23	0.1	0.3	**0.3**	0.02	0.02	*C69*
Brain, nervous system	302	0.9	3.6	**3.8**	0.23	0.37	315	1.1	3.4	**3.2**	0.18	0.30	*C70-72*
Thyroid	187	0.6	2.2	**2.3**	0.17	0.26	746	2.5	8.1	**7.1**	0.53	0.74	*C73*
Adrenal gland	26	0.1	0.3	**0.4**	0.02	0.02	27	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	10	0.0	0.1	**0.1**	0.01	0.01	13	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	254	0.8	3.0	**2.9**	0.21	0.26	239	0.8	2.6	**2.4**	0.16	0.20	*C81*
Non-Hodgkin lymphoma	1195	3.6	14.3	**14.4**	0.93	1.57	1009	3.4	11.0	**9.6**	0.63	1.05	*C82-85,C96*
Immunoproliferative diseases	16	0.0	0.2	**0.2**	0.01	0.02	12	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	699	2.1	8.4	**9.2**	0.50	1.09	700	2.3	7.6	**6.6**	0.34	0.82	*C90*
Lymphoid leukaemia	365	1.1	4.4	**4.8**	0.25	0.46	254	0.9	2.8	**2.5**	0.12	0.26	*C91*
Myeloid leukaemia	337	1.0	4.0	**4.2**	0.24	0.42	329	1.1	3.6	**3.1**	0.18	0.32	*C92-94*
Leukaemia unspecified	31	0.1	0.4	**0.4**	0.01	0.04	22	0.1	0.2	**0.2**	0.01	0.03	*C95*
Myeloproliferative disorders	152	0.5	1.8	**1.9**	0.11	0.22	177	0.6	1.9	**1.7**	0.09	0.20	*MPD*
Myelodysplastic syndromes	209	0.6	2.5	**2.6**	0.10	0.25	213	0.7	2.3	**1.8**	0.07	0.17	*MDS*
Other and unspecified	586	1.7	7.0	**7.7**	0.40	0.92	708	2.4	7.7	**6.3**	0.29	0.68	*O&U*
All sites	33625		402.2	**446.6**	25.44	55.71	29964		325.8	**282.3**	17.44	32.65	*C00-96*
All sites except C44	33537	100.0	401.1	**445.6**	25.37	55.60	29833	100.0	324.3	**281.1**	17.35	32.54	*C00-96 exc. C44*

§Includes 3 cases of unknown age

*See note following population pyramid

*USA, SEER (9 registries): White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	737	0.3	1.4	**0.9**	0.04	0.11	210	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	2472	0.9	4.7	**3.4**	0.26	0.42	1085	0.4	2.0	**1.3**	0.09	0.15	*C01-02*
Mouth	1410	0.5	2.7	**1.9**	0.12	0.23	1032	0.4	1.9	**1.1**	0.06	0.12	*C03-06*
Salivary glands	844	0.3	1.6	**1.1**	0.06	0.12	594	0.2	1.1	**0.7**	0.05	0.07	*C07-08*
Tonsil	1531	0.6	2.9	**2.2**	0.18	0.25	360	0.1	0.7	**0.5**	0.03	0.06	*C09*
Other oropharynx	261	0.1	0.5	**0.4**	0.03	0.04	83	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	300	0.1	0.6	**0.4**	0.03	0.05	145	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	557	0.2	1.1	**0.8**	0.04	0.10	155	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	145	0.1	0.3	**0.2**	0.01	0.02	74	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	4213	1.5	8.0	**5.4**	0.28	0.68	1247	0.5	2.4	**1.2**	0.05	0.15	*C15*
Stomach	4540	1.6	8.6	**5.7**	0.27	0.66	2669	1.0	5.0	**2.5**	0.12	0.28	*C16*
Small intestine	1238	0.4	2.4	**1.6**	0.09	0.19	1020	0.4	1.9	**1.1**	0.06	0.13	*C17*
Colon	17829	6.4	33.9	**21.9**	0.99	2.55	19173	7.5	36.2	**17.7**	0.78	2.01	*C18*
Rectum	8321	3.0	15.8	**10.9**	0.63	1.30	6149	2.4	11.6	**6.6**	0.40	0.75	*C19-20*
Anus	743	0.3	1.4	**1.0**	0.07	0.11	1125	0.4	2.1	**1.3**	0.10	0.15	*C21*
Liver	4443	1.6	8.4	**5.9**	0.39	0.69	1762	0.7	3.3	**1.9**	0.09	0.21	*C22*
Gallbladder etc.	1319	0.5	2.5	**1.6**	0.06	0.18	1664	0.6	3.1	**1.5**	0.07	0.18	*C23-24*
Pancreas	6640	2.4	12.6	**8.3**	0.40	1.00	6581	2.6	12.4	**6.1**	0.27	0.71	*C25*
Nose, sinuses etc.	386	0.1	0.7	**0.5**	0.03	0.06	332	0.1	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	2965	1.1	5.6	**4.0**	0.22	0.51	779	0.3	1.5	**0.9**	0.06	0.12	*C32*
Trachea, bronchus and lung	35816	12.9	68.1	**44.8**	1.87	5.58	33168	12.9	62.6	**34.6**	1.60	4.47	*C33-34*
Other thoracic organs	336	0.1	0.6	**0.5**	0.03	0.05	212	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	607	0.2	1.2	**1.1**	0.07	0.09	547	0.2	1.0	**0.9**	0.06	0.08	*C40-41*
Melanoma of skin	15461	5.6	29.4	**20.9**	1.31	2.34	12124	4.7	22.9	**16.5**	1.20	1.66	*C43*
Other skin	1040		2.0	**1.3**	0.06	0.13	884		1.7	**1.0**	0.06	0.10	*C44*
Mesothelioma	944	0.3	1.8	**1.1**	0.04	0.13	290	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	546	0.2	1.0	**0.8**	0.06	0.07	49	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	2205	0.8	4.2	**3.1**	0.17	0.30	1580	0.6	3.0	**2.1**	0.13	0.20	*C47+C49*
Breast	612	0.2	1.2	**0.8**	0.04	0.09	75483	29.3	142.4	**91.8**	6.46	10.65	*C50*
Vulva							1499	0.6	2.8	**1.5**	0.09	0.17	*C51*
Vagina							410	0.2	0.8	**0.4**	0.03	0.05	*C52*
Cervix uteri							3640	1.4	6.9	**5.3**	0.41	0.52	*C53*
Corpus uteri							15222	5.9	28.7	**18.7**	1.34	2.31	*C54*
Uterus unspecified							303	0.1	0.6	**0.3**	0.02	0.03	*C55*
Ovary							8233	3.2	15.5	**9.7**	0.65	1.11	*C56*
Other female genital organs							423	0.2	0.8	**0.5**	0.04	0.06	*C57*
Placenta							43	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	344	0.1	0.7	**0.4**	0.02	0.04							*C60*
Prostate	80703	29.2	153.4	**109.2**	5.62	14.87							*C61*
Testis	3635	1.3	6.9	**6.4**	0.47	0.49							*C62*
Other male genital organs	128	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	9123	3.3	17.3	**12.4**	0.76	1.49	5672	2.2	10.7	**6.7**	0.42	0.78	*C64*
Renal pelvis	522	0.2	1.0	**0.6**	0.02	0.07	396	0.2	0.7	**0.3**	0.01	0.04	*C65*
Ureter	373	0.1	0.7	**0.4**	0.01	0.05	251	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	19188	6.9	36.5	**23.0**	0.91	2.68	6168	2.4	11.6	**5.9**	0.26	0.71	*C67*
Other urinary organs	218	0.1	0.4	**0.2**	0.01	0.03	101	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	576	0.2	1.1	**0.9**	0.05	0.09	469	0.2	0.9	**0.7**	0.04	0.07	*C69*
Brain, nervous system	4408	1.6	8.4	**6.9**	0.44	0.68	3479	1.4	6.6	**5.0**	0.31	0.48	*C70-72*
Thyroid	3128	1.1	5.9	**4.6**	0.34	0.50	9410	3.7	17.7	**14.2**	1.12	1.36	*C73*
Adrenal gland	154	0.1	0.3	**0.4**	0.02	0.02	152	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	81	0.0	0.2	**0.2**	0.01	0.01	40	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	1826	0.7	3.5	**3.1**	0.21	0.26	1527	0.6	2.9	**2.6**	0.17	0.21	*C81*
Non-Hodgkin lymphoma	12907	4.7	24.5	**17.0**	0.94	1.88	11033	4.3	20.8	**12.0**	0.67	1.36	*C82-85,C96*
Immunoproliferative diseases	304	0.1	0.6	**0.3**	0.01	0.04	208	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	3421	1.2	6.5	**4.3**	0.20	0.51	2623	1.0	4.9	**2.6**	0.13	0.32	*C90*
Lymphoid leukaemia	4843	1.8	9.2	**7.1**	0.34	0.72	3259	1.3	6.1	**4.2**	0.21	0.39	*C91*
Myeloid leukaemia	3516	1.3	6.7	**4.6**	0.22	0.47	2840	1.1	5.4	**3.3**	0.18	0.33	*C92-94*
Leukaemia unspecified	270	0.1	0.5	**0.3**	0.01	0.03	296	0.1	0.6	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	1643	0.6	3.1	**2.1**	0.11	0.24	1585	0.6	3.0	**1.6**	0.08	0.17	*MPD*
Myelodysplastic syndromes	3034	1.1	5.8	**3.3**	0.09	0.32	2315	0.9	4.4	**1.9**	0.06	0.20	*MDS*
Other and unspecified	4821	1.7	9.2	**5.9**	0.27	0.65	5949	2.3	11.2	**5.4**	0.24	0.60	*O&U*
All sites	277627		527.9	**366.2**	18.97	44.21	258122		486.9	**297.2**	18.37	33.82	*C00-96*
All sites except C44	276587	100.0	525.9	**364.9**	18.91	44.08	257238	100.0	485.2	**296.2**	18.32	33.72	*C00-96 exc. C44*

§Includes 5 cases of unknown age

*See note following population pyramid

USA, SEER (18 registries) (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2088	0.2	1.0	**0.8**	0.04	0.09	702	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	8135	0.9	4.0	**3.2**	0.23	0.39	3627	0.4	1.7	**1.2**	0.08	0.13	*C01-02*
Mouth	4875	0.5	2.4	**1.9**	0.12	0.23	3465	0.4	1.7	**1.0**	0.05	0.12	*C03-06*
Salivary glands	2886	0.3	1.4	**1.0**	0.06	0.11	2099	0.2	1.0	**0.7**	0.05	0.07	*C07-08*
Tonsil	5303	0.6	2.6	**2.1**	0.17	0.25	1301	0.1	0.6	**0.5**	0.03	0.05	*C09*
Other oropharynx	1142	0.1	0.6	**0.4**	0.03	0.06	365	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	1857	0.2	0.9	**0.7**	0.06	0.08	843	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	2190	0.2	1.1	**0.8**	0.05	0.11	561	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	602	0.1	0.3	**0.2**	0.02	0.03	258	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	13750	1.4	6.7	**5.1**	0.27	0.63	4272	0.5	2.1	**1.2**	0.06	0.14	*C15*
Stomach	18428	1.9	9.0	**6.6**	0.32	0.77	12076	1.4	5.8	**3.3**	0.17	0.37	*C16*
Small intestine	4059	0.4	2.0	**1.5**	0.08	0.18	3543	0.4	1.7	**1.1**	0.06	0.13	*C17*
Colon	64753	6.8	31.8	**23.0**	1.08	2.70	68045	7.7	32.7	**18.2**	0.86	2.07	*C18*
Rectum	30296	3.2	14.9	**11.3**	0.66	1.37	23242	2.6	11.2	**7.0**	0.42	0.81	*C19-20*
Anus	2535	0.3	1.2	**1.0**	0.07	0.11	3912	0.4	1.9	**1.3**	0.09	0.15	*C21*
Liver	19854	2.1	9.7	**7.6**	0.51	0.90	8191	0.9	3.9	**2.4**	0.13	0.29	*C22*
Gallbladder etc.	4827	0.5	2.4	**1.7**	0.07	0.19	6462	0.7	3.1	**1.7**	0.08	0.20	*C23-24*
Pancreas	22814	2.4	11.2	**8.2**	0.39	0.98	23485	2.6	11.3	**6.2**	0.28	0.72	*C25*
Nose, sinuses etc.	1603	0.2	0.8	**0.6**	0.04	0.07	1125	0.1	0.5	**0.4**	0.02	0.04	*C30-31*
Larynx	11362	1.2	5.6	**4.3**	0.26	0.56	2829	0.3	1.4	**0.9**	0.06	0.12	*C32*
Trachea, bronchus and lung	133251	13.9	65.4	**48.3**	2.10	6.07	115007	12.9	55.3	**33.8**	1.60	4.34	*C33-34*
Other thoracic organs	1195	0.1	0.6	**0.5**	0.03	0.05	765	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	2252	0.2	1.1	**1.0**	0.06	0.08	1884	0.2	0.9	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	44851	4.7	22.0	**16.8**	1.02	1.88	33983	3.8	16.3	**12.0**	0.86	1.23	*C43*
Other skin	3688		1.8	**1.3**	0.07	0.13	3061		1.5	**1.0**	0.06	0.09	*C44*
Mesothelioma	3090	0.3	1.5	**1.0**	0.04	0.12	937	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	2176	0.2	1.1	**0.8**	0.06	0.07	224	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	7528	0.8	3.7	**3.0**	0.17	0.29	5790	0.7	2.8	**2.1**	0.13	0.20	*C47+C49*
Breast	2023	0.2	1.0	**0.7**	0.04	0.09	259743	29.2	124.9	**86.6**	6.13	10.02	*C50*
Vulva							4909	0.6	2.4	**1.4**	0.09	0.15	*C51*
Vagina							1578	0.2	0.8	**0.5**	0.03	0.05	*C52*
Cervix uteri							17130	1.9	8.2	**6.4**	0.51	0.64	*C53*
Corpus uteri							49378	5.6	23.8	**16.7**	1.21	2.05	*C54*
Uterus unspecified							1268	0.1	0.6	**0.4**	0.02	0.04	*C55*
Ovary							28321	3.2	13.6	**9.2**	0.62	1.05	*C56*
Other female genital organs							1371	0.2	0.7	**0.4**	0.03	0.05	*C57*
Placenta							208	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	1377	0.1	0.7	**0.5**	0.02	0.06							*C60*
Prostate	277465	29.0	136.2	**106.8**	5.44	14.46							*C61*
Testis	11038	1.2	5.4	**4.9**	0.37	0.38							*C62*
Other male genital organs	420	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	32358	3.4	15.9	**12.4**	0.76	1.49	19897	2.2	9.6	**6.5**	0.40	0.76	*C64*
Renal pelvis	1885	0.2	0.9	**0.6**	0.02	0.07	1356	0.2	0.7	**0.3**	0.01	0.04	*C65*
Ureter	1193	0.1	0.6	**0.4**	0.01	0.05	821	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	60100	6.3	29.5	**20.8**	0.82	2.41	19834	2.2	9.5	**5.3**	0.23	0.62	*C67*
Other urinary organs	654	0.1	0.3	**0.2**	0.01	0.02	346	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	1774	0.2	0.9	**0.8**	0.04	0.07	1473	0.2	0.7	**0.6**	0.03	0.06	*C69*
Brain, nervous system	14448	1.5	7.1	**6.1**	0.38	0.60	11783	1.3	5.7	**4.6**	0.28	0.43	*C70-72*
Thyroid	9865	1.0	4.8	**3.9**	0.29	0.43	31428	3.5	15.1	**12.3**	0.96	1.20	*C73*
Adrenal gland	577	0.1	0.3	**0.3**	0.02	0.02	595	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	349	0.0	0.2	**0.2**	0.01	0.01	229	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	6225	0.7	3.1	**2.7**	0.19	0.24	5126	0.6	2.5	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	41583	4.4	20.4	**15.5**	0.87	1.71	35781	4.0	17.2	**10.8**	0.60	1.23	*C82-85,C96*
Immunoproliferative diseases	808	0.1	0.4	**0.3**	0.01	0.03	540	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	12400	1.3	6.1	**4.5**	0.22	0.54	10182	1.1	4.9	**2.9**	0.15	0.35	*C90*
Lymphoid leukaemia	14980	1.6	7.4	**6.2**	0.31	0.60	10256	1.2	4.9	**3.7**	0.18	0.34	*C91*
Myeloid leukaemia	12042	1.3	5.9	**4.5**	0.23	0.46	9900	1.1	4.8	**3.2**	0.18	0.32	*C92-94*
Leukaemia unspecified	984	0.1	0.5	**0.3**	0.01	0.03	987	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	5155	0.5	2.5	**1.9**	0.10	0.21	4817	0.5	2.3	**1.4**	0.08	0.16	*MPD*
Myelodysplastic syndromes	9278	1.0	4.6	**3.0**	0.08	0.29	7537	0.8	3.6	**1.8**	0.06	0.19	*MDS*
Other and unspecified	19119	2.0	9.4	**6.7**	0.32	0.75	22573	2.5	10.9	**5.9**	0.27	0.65	*O&U*
All sites	959490		470.9	**359.4**	18.65	43.54	891421		428.8	**282.6**	17.50	32.18	*C00-96*
All sites except C44	955802	100.0	469.0	**358.1**	18.59	43.40	888360	100.0	427.3	**281.7**	17.44	32.09	*C00-96 exc. C44*

§Includes 169 cases of unknown age

§Includes 91 cases of unknown age

*USA, SEER (18 registries): Asian and Pacific Islander (2003-2007)

	Male						Female						
SITE	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	19	0.0	0.1	**0.1**	0.01	0.01	16	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	331	0.7	1.8	**1.5**	0.10	0.18	239	0.4	1.2	**0.9**	0.06	0.10	*C01-02*
Mouth	229	0.5	1.3	**1.1**	0.07	0.13	192	0.4	1.0	**0.7**	0.03	0.07	*C03-06*
Salivary glands	169	0.3	0.9	**0.8**	0.05	0.08	172	0.3	0.9	**0.7**	0.05	0.07	*C07-08*
Tonsil	133	0.3	0.7	**0.6**	0.05	0.07	42	0.1	0.2	**0.2**	0.01	0.02	*C09*
Other oropharynx	32	0.1	0.2	**0.1**	0.01	0.01	11	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	648	1.3	3.6	**3.0**	0.23	0.33	292	0.5	1.5	**1.2**	0.09	0.12	*C11*
Hypopharynx	86	0.2	0.5	**0.4**	0.02	0.04	16	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	16	0.0	0.1	**0.1**	0.00	0.01	5	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	555	1.1	3.1	**2.5**	0.12	0.29	185	0.3	1.0	**0.6**	0.02	0.07	*C15*
Stomach	2356	4.8	13.0	**10.2**	0.43	1.16	1787	3.3	9.3	**6.1**	0.30	0.67	*C16*
Small intestine	200	0.4	1.1	**0.9**	0.05	0.11	131	0.2	0.7	**0.5**	0.03	0.06	*C17*
Colon	3898	7.9	21.6	**17.3**	0.81	2.02	4250	7.9	22.1	**14.7**	0.73	1.69	*C18*
Rectum	2482	5.0	13.7	**11.5**	0.69	1.41	1823	3.4	9.5	**6.7**	0.40	0.76	*C19-20*
Anus	72	0.1	0.4	**0.3**	0.02	0.04	95	0.2	0.5	**0.3**	0.02	0.04	*C21*
Liver	3319	6.7	18.4	**15.5**	0.95	1.92	1497	2.8	7.8	**5.3**	0.22	0.67	*C22*
Gallbladder etc.	513	1.0	2.8	**2.3**	0.10	0.28	624	1.2	3.2	**2.1**	0.09	0.24	*C23-24*
Pancreas	1382	2.8	7.6	**6.0**	0.28	0.69	1457	2.7	7.6	**4.8**	0.20	0.57	*C25*
Nose, sinuses etc.	134	0.3	0.7	**0.6**	0.04	0.07	72	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	348	0.7	1.9	**1.6**	0.08	0.19	50	0.1	0.3	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	7147	14.5	39.5	**31.6**	1.30	3.84	5005	9.3	26.0	**17.5**	0.80	2.14	*C33-34*
Other thoracic organs	146	0.3	0.8	**0.7**	0.05	0.07	94	0.2	0.5	**0.4**	0.02	0.04	*C37-38*
Bone	120	0.2	0.7	**0.7**	0.04	0.05	116	0.2	0.6	**0.6**	0.03	0.04	*C40-41*
Melanoma of skin	230	0.5	1.3	**1.1**	0.06	0.11	247	0.5	1.3	**0.9**	0.06	0.09	*C43*
Other skin	147		0.8	**0.7**	0.04	0.07	159		0.8	**0.6**	0.04	0.06	*C44*
Mesothelioma	87	0.2	0.5	**0.4**	0.02	0.05	31	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	57	0.1	0.3	**0.2**	0.02	0.02	5	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	385	0.8	2.1	**1.8**	0.10	0.17	381	0.7	2.0	**1.6**	0.10	0.15	*C47+C49*
Breast	77	0.2	0.4	**0.3**	0.02	0.04	16989	31.5	88.3	**66.7**	5.04	7.58	*C50*
Vulva							155	0.3	0.8	**0.5**	0.03	0.06	*C51*
Vagina							87	0.2	0.5	**0.3**	0.02	0.04	*C52*
Cervix uteri							1464	2.7	7.6	**5.7**	0.45	0.60	*C53*
Corpus uteri							3302	6.1	17.2	**13.2**	1.05	1.53	*C54*
Uterus unspecified							61	0.1	0.3	**0.2**	0.02	0.03	*C55*
Ovary							1877	3.5	9.8	**7.3**	0.53	0.79	*C56*
Other female genital organs							86	0.2	0.4	**0.3**	0.02	0.04	*C57*
Placenta							29	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	58	0.1	0.3	**0.3**	0.01	0.03							*C60*
Prostate	12326	25.0	68.2	**57.6**	2.27	7.78							*C61*
Testis	349	0.7	1.9	**1.7**	0.12	0.13							*C62*
Other male genital organs	46	0.1	0.3	**0.2**	0.01	0.03							*C63*
Kidney	1392	2.8	7.7	**6.5**	0.39	0.77	827	1.5	4.3	**3.2**	0.18	0.37	*C64*
Renal pelvis	110	0.2	0.6	**0.5**	0.02	0.06	92	0.2	0.5	**0.3**	0.01	0.03	*C65*
Ureter	83	0.2	0.5	**0.4**	0.01	0.05	67	0.1	0.3	**0.2**	0.01	0.02	*C66*
Bladder	2045	4.1	11.3	**8.8**	0.33	1.01	662	1.2	3.4	**2.1**	0.08	0.23	*C67*
Other urinary organs	33	0.1	0.2	**0.1**	0.01	0.01	22	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	45	0.1	0.2	**0.3**	0.01	0.02	49	0.1	0.3	**0.3**	0.02	0.02	*C69*
Brain, nervous system	653	1.3	3.6	**3.4**	0.21	0.31	594	1.1	3.1	**2.8**	0.17	0.25	*C70-72*
Thyroid	739	1.5	4.1	**3.4**	0.24	0.37	3024	5.6	15.7	**12.5**	0.96	1.22	*C73*
Adrenal gland	43	0.1	0.2	**0.3**	0.02	0.02	39	0.1	0.2	**0.3**	0.01	0.01	*C74*
Other endocrine	32	0.1	0.2	**0.2**	0.01	0.01	18	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	269	0.5	1.5	**1.4**	0.09	0.11	217	0.4	1.1	**1.1**	0.07	0.08	*C81*
Non-Hodgkin lymphoma	2271	4.6	12.6	**10.3**	0.54	1.12	1974	3.7	10.3	**7.3**	0.41	0.81	*C82-85,C96*
Immunoproliferative diseases	29	0.1	0.2	**0.1**	0.01	0.02	20	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	551	1.1	3.0	**2.5**	0.12	0.29	502	0.9	2.6	**1.8**	0.09	0.22	*C90*
Lymphoid leukaemia	508	1.0	2.8	**2.9**	0.15	0.23	379	0.7	2.0	**2.1**	0.10	0.15	*C91*
Myeloid leukaemia	784	1.6	4.3	**3.6**	0.19	0.35	660	1.2	3.4	**2.6**	0.15	0.26	*C92-94*
Leukaemia unspecified	35	0.1	0.2	**0.2**	0.01	0.01	42	0.1	0.2	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	304	0.6	1.7	**1.4**	0.09	0.15	327	0.6	1.7	**1.2**	0.07	0.14	*MPD*
Myelodysplastic syndromes	520	1.1	2.9	**2.1**	0.06	0.20	434	0.8	2.3	**1.3**	0.05	0.13	*MDS*
Other and unspecified	994	2.0	5.5	**4.3**	0.19	0.49	1178	2.2	6.1	**4.0**	0.19	0.43	*O&U*
All sites	49537		273.9	**226.6**	10.85	27.06	54171		281.7	**204.7**	13.09	22.84	*C00-96*
All sites except C44	49390	100.0	273.1	**225.9**	10.81	26.99	54012	100.0	280.8	**204.1**	13.06	22.78	*C00-96 exc. C44*
	§Includes 5 cases of unknown age						§Includes 2 cases of unknown age						

*See note following population pyramid

*USA, SEER (18 registries): Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	23	0.0	0.1	**0.1**	0.01	0.01	12	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	610	0.6	2.6	**2.7**	0.19	0.36	273	0.3	1.1	**0.9**	0.06	0.10	*C01-02*
Mouth	523	0.5	2.2	**2.2**	0.16	0.27	346	0.4	1.3	**1.1**	0.07	0.12	*C03-06*
Salivary glands	191	0.2	0.8	**0.8**	0.05	0.09	230	0.3	0.9	**0.8**	0.05	0.08	*C07-08*
Tonsil	541	0.6	2.3	**2.3**	0.18	0.30	148	0.2	0.6	**0.5**	0.04	0.05	*C09*
Other oropharynx	198	0.2	0.8	**0.9**	0.07	0.11	62	0.1	0.2	**0.2**	0.01	0.02	*C10*
Nasopharynx	236	0.2	1.0	**1.0**	0.07	0.10	95	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	389	0.4	1.6	**1.8**	0.12	0.23	81	0.1	0.3	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	86	0.1	0.4	**0.4**	0.03	0.05	42	0.0	0.2	**0.1**	0.01	0.02	*C14*
Oesophagus	1500	1.5	6.3	**6.7**	0.41	0.85	643	0.8	2.5	**2.1**	0.12	0.25	*C15*
Stomach	2376	2.5	10.0	**10.4**	0.49	1.20	1746	2.0	6.7	**5.1**	0.25	0.56	*C16*
Small intestine	532	0.5	2.2	**2.4**	0.14	0.31	574	0.7	2.2	**1.8**	0.11	0.22	*C17*
Colon	7214	7.5	30.2	**31.9**	1.65	3.83	8222	9.6	31.8	**25.3**	1.37	2.98	*C18*
Rectum	2701	2.8	11.3	**11.7**	0.71	1.41	2519	2.9	9.7	**8.0**	0.49	0.94	*C19-20*
Anus	308	0.3	1.3	**1.2**	0.09	0.13	358	0.4	1.4	**1.2**	0.08	0.14	*C21*
Liver	2361	2.4	9.9	**10.1**	0.79	1.22	893	1.0	3.4	**2.9**	0.19	0.35	*C22*
Gallbladder etc.	395	0.4	1.7	**1.7**	0.08	0.21	636	0.7	2.5	**2.0**	0.10	0.23	*C23-24*
Pancreas	2460	2.5	10.3	**10.9**	0.58	1.33	2911	3.4	11.2	**8.6**	0.41	1.00	*C25*
Nose, sinuses etc.	161	0.2	0.7	**0.7**	0.05	0.07	90	0.1	0.3	**0.3**	0.02	0.03	*C30-31*
Larynx	1696	1.8	7.1	**7.6**	0.49	1.00	399	0.5	1.5	**1.4**	0.09	0.17	*C32*
Trachea, bronchus and lung	14854	15.3	62.2	**66.8**	3.45	8.44	11033	12.9	42.6	**35.5**	1.94	4.47	*C33-34*
Other thoracic organs	104	0.1	0.4	**0.4**	0.03	0.04	116	0.1	0.4	**0.4**	0.03	0.04	*C37-38*
Bone	204	0.2	0.9	**0.8**	0.05	0.07	199	0.2	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	164	0.2	0.7	**0.7**	0.03	0.09	214	0.3	0.8	**0.7**	0.03	0.07	*C43*
Other skin	235		1.0	**0.9**	0.06	0.09	320		1.2	**1.1**	0.08	0.10	*C44*
Mesothelioma	147	0.2	0.6	**0.6**	0.03	0.07	53	0.1	0.2	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	485	0.5	2.0	**1.8**	0.14	0.15	43	0.1	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	632	0.7	2.6	**2.6**	0.16	0.24	699	0.8	2.7	**2.4**	0.16	0.23	*C47+C49*
Breast	246	0.3	1.0	**1.1**	0.07	0.14	25784	30.2	99.6	**83.9**	6.04	9.58	*C50*
Vulva							394	0.5	1.5	**1.3**	0.09	0.13	*C51*
Vagina							227	0.3	0.9	**0.8**	0.04	0.09	*C52*
Cervix uteri							2409	2.8	9.3	**7.9**	0.60	0.81	*C53*
Corpus uteri							4156	4.9	16.1	**14.2**	0.92	1.83	*C54*
Uterus unspecified							230	0.3	0.9	**0.8**	0.04	0.09	*C55*
Ovary							2207	2.6	8.5	**7.1**	0.45	0.81	*C56*
Other female genital organs							110	0.1	0.4	**0.4**	0.02	0.04	*C57*
Placenta							37	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	124	0.1	0.5	**0.5**	0.02	0.06							*C60*
Prostate	36233	37.4	151.8	**168.3**	9.57	22.60							*C61*
Testis	279	0.3	1.2	**1.1**	0.08	0.08							*C62*
Other male genital organs	37	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	3372	3.5	14.1	**14.8**	0.93	1.81	2176	2.5	8.4	**7.2**	0.43	0.85	*C64*
Renal pelvis	86	0.1	0.4	**0.4**	0.02	0.04	50	0.1	0.2	**0.1**	0.01	0.02	*C65*
Ureter	43	0.0	0.2	**0.2**	0.01	0.02	45	0.1	0.2	**0.1**	0.01	0.01	*C66*
Bladder	2728	2.8	11.4	**12.1**	0.50	1.41	1409	1.6	5.4	**4.1**	0.15	0.47	*C67*
Other urinary organs	61	0.1	0.3	**0.3**	0.01	0.03	70	0.1	0.3	**0.2**	0.01	0.03	*C68*
Eye	53	0.1	0.2	**0.3**	0.01	0.02	50	0.1	0.2	**0.2**	0.01	0.02	*C69*
Brain, nervous system	874	0.9	3.7	**3.8**	0.23	0.37	855	1.0	3.3	**3.1**	0.19	0.28	*C70-72*
Thyroid	523	0.5	2.2	**2.2**	0.16	0.24	2125	2.5	8.2	**7.1**	0.55	0.74	*C73*
Adrenal gland	74	0.1	0.3	**0.4**	0.02	0.02	71	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	37	0.0	0.2	**0.2**	0.01	0.01	49	0.1	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	665	0.7	2.8	**2.6**	0.19	0.23	578	0.7	2.2	**2.1**	0.14	0.18	*C81*
Non-Hodgkin lymphoma	3110	3.2	13.0	**12.9**	0.87	1.41	2638	3.1	10.2	**8.6**	0.56	0.95	*C82-85,C96*
Immunoproliferative diseases	39	0.0	0.2	**0.2**	0.01	0.01	25	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	2102	2.2	8.8	**9.3**	0.49	1.14	2050	2.4	7.9	**6.4**	0.34	0.79	*C90*
Lymphoid leukaemia	999	1.0	4.2	**4.5**	0.24	0.45	674	0.8	2.6	**2.3**	0.12	0.23	*C91*
Myeloid leukaemia	962	1.0	4.0	**4.1**	0.22	0.44	962	1.1	3.7	**3.1**	0.19	0.31	*C92-94*
Leukaemia unspecified	103	0.1	0.4	**0.5**	0.02	0.04	86	0.1	0.3	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	423	0.4	1.8	**1.8**	0.11	0.20	448	0.5	1.7	**1.4**	0.08	0.16	*MPD*
Myelodysplastic syndromes	596	0.6	2.5	**2.6**	0.09	0.27	670	0.8	2.6	**1.9**	0.08	0.21	*MDS*
Other and unspecified	1968	2.0	8.2	**8.6**	0.47	1.02	2222	2.6	8.6	**6.6**	0.34	0.72	*O&U*
All sites	97063		406.5	**435.0**	24.65	54.33	85764		331.3	**275.8**	17.30	31.76	*C00-96*
All sites except C44	96828	100.0	405.5	**434.1**	24.59	54.23	85444	100.0	330.1	**274.7**	17.22	31.66	*C00-96 exc. C44*
	§Includes 5 cases of unknown age						§Includes 1 case of unknown age						

*See note following population pyramid

*USA, SEER (18 registries): Hispanic White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	110	0.1	0.3	**0.4**	0.02	0.04	36	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	467	0.6	1.1	**1.7**	0.11	0.20	248	0.3	0.7	**0.7**	0.05	0.08	*C01-02*
Mouth	339	0.4	0.8	**1.2**	0.07	0.13	205	0.3	0.5	**0.6**	0.03	0.06	*C03-06*
Salivary glands	214	0.3	0.5	**0.7**	0.04	0.07	216	0.3	0.6	**0.6**	0.04	0.06	*C07-08*
Tonsil	310	0.4	0.8	**1.1**	0.09	0.13	82	0.1	0.2	**0.3**	0.02	0.03	*C09*
Other oropharynx	61	0.1	0.1	**0.2**	0.01	0.03	15	0.0	0.0	**0.0**	0.00	0.01	*C10*
Nasopharynx	133	0.2	0.3	**0.4**	0.03	0.05	62	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	153	0.2	0.4	**0.6**	0.03	0.08	21	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	38	0.0	0.1	**0.1**	0.01	0.02	13	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	886	1.2	2.2	**3.3**	0.16	0.41	234	0.3	0.6	**0.7**	0.02	0.08	*C15*
Stomach	2664	3.5	6.5	**9.4**	0.45	1.11	2070	2.6	5.4	**5.9**	0.31	0.66	*C16*
Small intestine	313	0.4	0.8	**1.1**	0.06	0.13	263	0.3	0.7	**0.8**	0.04	0.09	*C17*
Colon	5233	6.9	12.9	**18.9**	0.88	2.29	5070	6.4	13.3	**14.7**	0.76	1.67	*C18*
Rectum	2913	3.8	7.2	**10.4**	0.57	1.29	2007	2.5	5.3	**6.0**	0.37	0.69	*C19-20*
Anus	182	0.2	0.4	**0.6**	0.04	0.06	310	0.4	0.8	**0.9**	0.07	0.11	*C21*
Liver	3324	4.4	8.2	**11.8**	0.77	1.45	1322	1.7	3.5	**4.0**	0.19	0.49	*C22*
Gallbladder etc.	652	0.9	1.6	**2.4**	0.09	0.28	1098	1.4	2.9	**3.2**	0.16	0.37	*C23-24*
Pancreas	1901	2.5	4.7	**7.1**	0.32	0.85	2102	2.7	5.5	**6.1**	0.27	0.71	*C25*
Nose, sinuses etc.	167	0.2	0.4	**0.6**	0.03	0.07	125	0.2	0.3	**0.3**	0.02	0.04	*C30-31*
Larynx	840	1.1	2.1	**3.2**	0.17	0.41	141	0.2	0.4	**0.4**	0.03	0.06	*C32*
Trachea, bronchus and lung	6638	8.7	16.3	**25.0**	0.90	3.07	5471	6.9	14.4	**16.5**	0.72	2.04	*C33-34*
Other thoracic organs	174	0.2	0.4	**0.5**	0.03	0.04	82	0.1	0.2	**0.2**	0.01	0.02	*C37-38*
Bone	369	0.5	0.9	**1.0**	0.06	0.07	327	0.4	0.9	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	892	1.2	2.2	**2.8**	0.16	0.30	1320	1.7	3.5	**3.6**	0.25	0.38	*C43*
Other skin	254		0.6	**0.8**	0.05	0.08	304		0.8	**0.8**	0.05	0.09	*C44*
Mesothelioma	251	0.3	0.6	**0.9**	0.04	0.10	117	0.1	0.3	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	498	0.7	1.2	**1.2**	0.09	0.11	36	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	843	1.1	2.1	**2.4**	0.15	0.24	763	1.0	2.0	**2.1**	0.14	0.20	*C47+C49*
Breast	118	0.2	0.3	**0.4**	0.02	0.05	22584	28.7	59.3	**66.8**	4.82	7.69	*C50*
Vulva							370	0.5	1.0	**1.0**	0.05	0.11	*C51*
Vagina							175	0.2	0.5	**0.5**	0.03	0.06	*C52*
Cervix uteri							3734	4.7	9.8	**10.0**	0.78	1.04	*C53*
Corpus uteri							4524	5.7	11.9	**13.9**	1.04	1.66	*C54*
Uterus unspecified							125	0.2	0.3	**0.4**	0.02	0.04	*C55*
Ovary							2892	3.7	7.6	**8.5**	0.56	0.96	*C56*
Other female genital organs							122	0.2	0.3	**0.3**	0.02	0.04	*C57*
Placenta							64	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	264	0.3	0.6	**0.9**	0.05	0.09							*C60*
Prostate	21346	28.0	52.4	**85.7**	3.79	11.70							*C61*
Testis	2066	2.7	5.1	**4.3**	0.31	0.32							*C62*
Other male genital organs	32	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	3478	4.6	8.5	**12.2**	0.72	1.49	2371	3.0	6.2	**7.1**	0.43	0.83	*C64*
Renal pelvis	138	0.2	0.3	**0.5**	0.02	0.06	92	0.1	0.2	**0.3**	0.01	0.03	*C65*
Ureter	58	0.1	0.1	**0.2**	0.01	0.03	50	0.1	0.1	**0.1**	0.00	0.01	*C66*
Bladder	3059	4.0	7.5	**11.3**	0.41	1.29	1073	1.4	2.8	**3.1**	0.13	0.36	*C67*
Other urinary organs	54	0.1	0.1	**0.2**	0.01	0.02	27	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	176	0.2	0.4	**0.5**	0.03	0.04	128	0.2	0.3	**0.4**	0.02	0.03	*C69*
Brain, nervous system	1720	2.3	4.2	**5.0**	0.30	0.48	1440	1.8	3.8	**4.0**	0.25	0.37	*C70-72*
Thyroid	992	1.3	2.4	**2.9**	0.20	0.32	4391	5.6	11.5	**11.7**	0.90	1.15	*C73*
Adrenal gland	78	0.1	0.2	**0.2**	0.01	0.02	92	0.1	0.2	**0.3**	0.01	0.02	*C74*
Other endocrine	76	0.1	0.2	**0.2**	0.01	0.02	33	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	917	1.2	2.3	**2.4**	0.15	0.23	708	0.9	1.9	**1.8**	0.12	0.16	*C81*
Non-Hodgkin lymphoma	4120	5.4	10.1	**13.2**	0.74	1.46	3508	4.5	9.2	**10.2**	0.54	1.16	*C82-85,C96*
Immunoproliferative diseases	33	0.0	0.1	**0.1**	0.00	0.01	29	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	1184	1.6	2.9	**4.3**	0.22	0.52	1017	1.3	2.7	**3.1**	0.16	0.38	*C90*
Lymphoid leukaemia	1700	2.2	4.2	**4.9**	0.25	0.41	1278	1.6	3.4	**3.6**	0.19	0.30	*C91*
Myeloid leukaemia	1342	1.8	3.3	**3.9**	0.22	0.38	1067	1.4	2.8	**2.9**	0.17	0.29	*C92-94*
Leukaemia unspecified	100	0.1	0.2	**0.3**	0.01	0.03	95	0.1	0.2	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	372	0.5	0.9	**1.2**	0.06	0.13	370	0.5	1.0	**1.1**	0.06	0.12	*MPD*
Myelodysplastic syndromes	603	0.8	1.5	**2.1**	0.07	0.21	548	0.7	1.4	**1.5**	0.05	0.17	*MDS*
Other and unspecified	1676	2.2	4.1	**5.9**	0.26	0.66	2160	2.7	5.7	**6.1**	0.29	0.66	*O&U*
All sites	76521		188.0	**272.7**	13.32	33.08	79127		207.8	**229.6**	14.32	25.79	*C00-96*
All sites except C44	76267	100.0	187.4	**271.9**	13.27	33.00	78823	100.0	207.0	**228.8**	14.27	25.70	*C00-96 exc. C44*
	§Includes 9 cases of unknown age						§Includes 6 cases of unknown age						

*See note following population pyramid

*USA, SEER (18 registries): Non-Hispanic White (2003-2007)

	Male						Female						
SITE	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	1865	0.3	1.6	**0.9**	0.05	0.11	611	0.1	0.5	**0.2**	0.01	0.02	*C00*
Tongue	6609	0.9	5.6	**3.7**	0.27	0.45	2805	0.4	2.3	**1.3**	0.09	0.15	*C01-02*
Mouth	3706	0.5	3.1	**2.0**	0.13	0.24	2638	0.4	2.2	**1.1**	0.06	0.13	*C03-06*
Salivary glands	2264	0.3	1.9	**1.1**	0.06	0.12	1452	0.2	1.2	**0.7**	0.04	0.07	*C07-08*
Tonsil	4249	0.6	3.6	**2.4**	0.20	0.28	1010	0.2	0.8	**0.5**	0.04	0.06	*C09*
Other oropharynx	842	0.1	0.7	**0.5**	0.03	0.06	271	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	807	0.1	0.7	**0.5**	0.03	0.05	368	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	1547	0.2	1.3	**0.8**	0.05	0.11	437	0.1	0.4	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	455	0.1	0.4	**0.2**	0.02	0.03	194	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	10691	1.5	9.0	**5.5**	0.29	0.68	3159	0.5	2.6	**1.2**	0.05	0.14	*C15*
Stomach	10781	1.5	9.1	**5.3**	0.25	0.61	6325	1.0	5.2	**2.3**	0.11	0.25	*C16*
Small intestine	2954	0.4	2.5	**1.5**	0.09	0.18	2540	0.4	2.1	**1.1**	0.06	0.13	*C17*
Colon	47673	6.7	40.3	**23.1**	1.06	2.69	49759	7.6	40.8	**17.9**	0.82	2.03	*C18*
Rectum	21720	3.0	18.3	**11.3**	0.65	1.36	16513	2.5	13.5	**7.0**	0.42	0.80	*C19-20*
Anus	1941	0.3	1.6	**1.1**	0.07	0.12	3109	0.5	2.5	**1.5**	0.10	0.17	*C21*
Liver	10562	1.5	8.9	**5.6**	0.36	0.65	4355	0.7	3.6	**1.8**	0.09	0.20	*C22*
Gallbladder etc.	3215	0.5	2.7	**1.5**	0.06	0.16	4011	0.6	3.3	**1.4**	0.06	0.16	*C23-24*
Pancreas	16887	2.4	14.3	**8.3**	0.40	0.99	16810	2.6	13.8	**6.0**	0.27	0.70	*C25*
Nose, sinuses etc.	1116	0.2	0.9	**0.6**	0.04	0.07	822	0.1	0.7	**0.4**	0.02	0.04	*C30-31*
Larynx	8370	1.2	7.1	**4.4**	0.26	0.56	2216	0.3	1.8	**1.1**	0.07	0.14	*C32*
Trachea, bronchus and lung	103744	14.5	87.6	**51.2**	2.22	6.47	92714	14.1	76.0	**38.1**	1.80	4.94	*C33-34*
Other thoracic organs	753	0.1	0.6	**0.5**	0.03	0.05	465	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	1512	0.2	1.3	**1.1**	0.07	0.09	1210	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	41803	5.9	35.3	**22.7**	1.42	2.53	30513	4.6	25.0	**17.0**	1.23	1.71	*C43*
Other skin	2884		2.4	**1.4**	0.07	0.14	2116		1.7	**0.9**	0.05	0.09	*C44*
Mesothelioma	2585	0.4	2.2	**1.2**	0.04	0.13	728	0.1	0.6	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	1034	0.1	0.9	**0.6**	0.05	0.06	126	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	5506	0.8	4.6	**3.2**	0.18	0.31	3840	0.6	3.1	**2.1**	0.13	0.20	*C47+C49*
Breast	1557	0.2	1.3	**0.8**	0.04	0.09	191379	29.1	156.8	**92.5**	6.51	10.75	*C50*
Vulva							3894	0.6	3.2	**1.6**	0.10	0.17	*C51*
Vagina							1068	0.2	0.9	**0.4**	0.03	0.05	*C52*
Cervix uteri							9184	1.4	7.5	**5.6**	0.44	0.54	*C53*
Corpus uteri							36759	5.6	30.1	**17.8**	1.29	2.20	*C54*
Uterus unspecified							835	0.1	0.7	**0.3**	0.02	0.04	*C55*
Ovary							21058	3.2	17.3	**9.9**	0.66	1.13	*C56*
Other female genital organs							1038	0.2	0.9	**0.5**	0.03	0.06	*C57*
Placenta							72	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	902	0.1	0.8	**0.4**	0.02	0.05							*C60*
Prostate	197676	27.7	166.9	**104.3**	5.37	14.17							*C61*
Testis	8068	1.1	6.8	**6.4**	0.48	0.49							*C62*
Other male genital organs	285	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	23652	3.3	20.0	**12.8**	0.79	1.53	14220	2.2	11.7	**6.7**	0.42	0.79	*C64*
Renal pelvis	1541	0.2	1.3	**0.7**	0.03	0.08	1112	0.2	0.9	**0.4**	0.01	0.04	*C65*
Ureter	1003	0.1	0.8	**0.5**	0.01	0.05	655	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	51313	7.2	43.3	**24.1**	0.97	2.81	16357	2.5	13.4	**6.1**	0.28	0.72	*C67*
Other urinary organs	481	0.1	0.4	**0.2**	0.01	0.02	220	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	1441	0.2	1.2	**0.9**	0.05	0.09	1204	0.2	1.0	**0.7**	0.04	0.07	*C69*
Brain, nervous system	11047	1.5	9.3	**7.2**	0.46	0.70	8765	1.3	7.2	**5.3**	0.32	0.50	*C70-72*
Thyroid	7464	1.0	6.3	**4.6**	0.34	0.49	21352	3.2	17.5	**13.6**	1.06	1.30	*C73*
Adrenal gland	371	0.1	0.3	**0.4**	0.02	0.02	384	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	200	0.0	0.2	**0.2**	0.01	0.01	127	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	4283	0.6	3.6	**3.2**	0.22	0.27	3556	0.5	2.9	**2.7**	0.18	0.21	*C81*
Non-Hodgkin lymphoma	31381	4.4	26.5	**16.6**	0.92	1.84	26960	4.1	22.1	**11.5**	0.64	1.31	*C82-85,C96*
Immunoproliferative diseases	686	0.1	0.6	**0.3**	0.01	0.03	451	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	8394	1.2	7.1	**4.1**	0.20	0.49	6441	1.0	5.3	**2.5**	0.12	0.29	*C90*
Lymphoid leukaemia	11307	1.6	9.5	**6.7**	0.33	0.67	7629	1.2	6.3	**3.9**	0.19	0.36	*C91*
Myeloid leukaemia	8814	1.2	7.4	**4.7**	0.23	0.48	7069	1.1	5.8	**3.2**	0.18	0.33	*C92-94*
Leukaemia unspecified	737	0.1	0.6	**0.3**	0.01	0.03	747	0.1	0.6	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	3892	0.5	3.3	**2.0**	0.11	0.23	3515	0.5	2.9	**1.5**	0.08	0.16	*MPD*
Myelodysplastic syndromes	7405	1.0	6.3	**3.1**	0.08	0.31	5739	0.9	4.7	**1.9**	0.06	0.19	*MDS*
Other and unspecified	14239	2.0	12.0	**6.9**	0.33	0.76	16757	2.5	13.7	**6.0**	0.27	0.66	*O&U*
All sites	716214		604.8	**373.7**	19.48	45.04	659664		540.6	**301.0**	18.63	34.31	*C00-96*
All sites except C44	713330	100.0	602.4	**372.3**	19.41	44.90	657548	100.0	538.9	**300.1**	18.57	34.22	*C00-96 exc. C44*
	§Includes 29 cases of unknown age						§Includes 19 cases of unknown age						

*See note following population pyramid

*USA, SEER (18 registries): White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1975	0.3	1.2	**0.9**	0.04	0.10	647	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	7076	0.9	4.4	**3.4**	0.25	0.42	3053	0.4	1.9	**1.2**	0.08	0.14	*C01-02*
Mouth	4045	0.5	2.5	**1.9**	0.12	0.23	2843	0.4	1.8	**1.0**	0.05	0.12	*C03-06*
Salivary glands	2478	0.3	1.6	**1.1**	0.06	0.11	1668	0.2	1.0	**0.7**	0.04	0.07	*C07-08*
Tonsil	4559	0.6	2.9	**2.2**	0.19	0.26	1092	0.1	0.7	**0.5**	0.03	0.06	*C09*
Other oropharynx	903	0.1	0.6	**0.4**	0.03	0.05	286	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	940	0.1	0.6	**0.5**	0.03	0.05	430	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	1700	0.2	1.1	**0.8**	0.05	0.10	458	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	493	0.1	0.3	**0.2**	0.02	0.03	207	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	11577	1.5	7.3	**5.2**	0.27	0.64	3393	0.5	2.1	**1.1**	0.05	0.14	*C15*
Stomach	13445	1.7	8.4	**5.8**	0.28	0.67	8395	1.1	5.2	**2.8**	0.14	0.31	*C16*
Small intestine	3267	0.4	2.1	**1.5**	0.08	0.18	2803	0.4	1.8	**1.0**	0.06	0.12	*C17*
Colon	52906	6.7	33.2	**22.6**	1.03	2.64	54829	7.4	34.2	**17.6**	0.81	1.98	*C18*
Rectum	24633	3.1	15.5	**11.1**	0.64	1.35	18520	2.5	11.6	**6.8**	0.41	0.79	*C19-20*
Anus	2123	0.3	1.3	**1.0**	0.07	0.11	3419	0.5	2.1	**1.4**	0.10	0.16	*C21*
Liver	13886	1.8	8.7	**6.4**	0.42	0.76	5677	0.8	3.5	**2.0**	0.11	0.24	*C22*
Gallbladder etc.	3867	0.5	2.4	**1.6**	0.07	0.18	5109	0.7	3.2	**1.6**	0.08	0.19	*C23-24*
Pancreas	18788	2.4	11.8	**8.1**	0.38	0.97	18912	2.6	11.8	**6.0**	0.27	0.70	*C25*
Nose, sinuses etc.	1283	0.2	0.8	**0.6**	0.04	0.07	947	0.1	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	9210	1.2	5.8	**4.3**	0.25	0.54	2357	0.3	1.5	**1.0**	0.06	0.13	*C32*
Trachea, bronchus and lung	110382	14.0	69.4	**48.0**	2.04	6.05	98185	13.3	61.3	**35.3**	1.65	4.56	*C33-34*
Other thoracic organs	927	0.1	0.6	**0.5**	0.03	0.05	547	0.1	0.3	**0.3**	0.02	0.03	*C37-38*
Bone	1881	0.2	1.2	**1.1**	0.07	0.09	1537	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	42695	5.4	26.8	**19.6**	1.20	2.20	31833	4.3	19.9	**14.4**	1.03	1.47	*C43*
Other skin	3138		2.0	**1.3**	0.06	0.13	2420		1.5	**0.9**	0.05	0.09	*C44*
Mesothelioma	2836	0.4	1.8	**1.1**	0.04	0.13	845	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	1532	0.2	1.0	**0.7**	0.06	0.07	162	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	6349	0.8	4.0	**3.1**	0.17	0.30	4603	0.6	2.9	**2.1**	0.13	0.20	*C47+C49*
Breast	1675	0.2	1.1	**0.7**	0.04	0.09	213963	29.1	133.6	**88.8**	6.24	10.32	*C50*
Vulva							4264	0.6	2.7	**1.5**	0.09	0.16	*C51*
Vagina							1243	0.2	0.8	**0.5**	0.03	0.05	*C52*
Cervix uteri							12918	1.8	8.1	**6.3**	0.50	0.62	*C53*
Corpus uteri							41283	5.6	25.8	**17.4**	1.26	2.13	*C54*
Uterus unspecified							960	0.1	0.6	**0.3**	0.02	0.04	*C55*
Ovary							23950	3.3	15.0	**9.7**	0.65	1.10	*C56*
Other female genital organs							1160	0.2	0.7	**0.5**	0.03	0.06	*C57*
Placenta							136	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	1166	0.1	0.7	**0.5**	0.03	0.06							*C60*
Prostate	219022	27.7	137.6	**101.9**	5.15	13.85							*C61*
Testis	10134	1.3	6.4	**5.9**	0.43	0.45							*C62*
Other male genital organs	317	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	27130	3.4	17.0	**12.7**	0.78	1.52	16591	2.3	10.4	**6.7**	0.42	0.79	*C64*
Renal pelvis	1679	0.2	1.1	**0.7**	0.03	0.08	1204	0.2	0.8	**0.4**	0.01	0.04	*C65*
Ureter	1061	0.1	0.7	**0.4**	0.01	0.05	705	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	54372	6.9	34.2	**22.6**	0.89	2.63	17430	2.4	10.9	**5.7**	0.26	0.67	*C67*
Other urinary organs	535	0.1	0.3	**0.2**	0.01	0.02	247	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	1617	0.2	1.0	**0.8**	0.05	0.08	1332	0.2	0.8	**0.6**	0.04	0.06	*C69*
Brain, nervous system	12767	1.6	8.0	**6.7**	0.42	0.66	10205	1.4	6.4	**5.0**	0.31	0.47	*C70-72*
Thyroid	8456	1.1	5.3	**4.2**	0.31	0.46	25743	3.5	16.1	**13.1**	1.02	1.26	*C73*
Adrenal gland	449	0.1	0.3	**0.3**	0.02	0.02	476	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	276	0.0	0.2	**0.2**	0.01	0.01	160	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	5200	0.7	3.3	**2.9**	0.20	0.25	4264	0.6	2.7	**2.4**	0.16	0.20	*C81*
Non-Hodgkin lymphoma	35501	4.5	22.3	**16.1**	0.89	1.78	30468	4.1	19.0	**11.3**	0.62	1.29	*C82-85,C96*
Immunoproliferative diseases	719	0.1	0.5	**0.3**	0.01	0.03	480	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	9578	1.2	6.0	**4.1**	0.20	0.49	7458	1.0	4.7	**2.6**	0.13	0.30	*C90*
Lymphoid leukaemia	13007	1.6	8.2	**6.7**	0.33	0.64	8907	1.2	5.6	**4.0**	0.19	0.36	*C91*
Myeloid leukaemia	10156	1.3	6.4	**4.6**	0.23	0.47	8136	1.1	5.1	**3.2**	0.18	0.32	*C92-94*
Leukaemia unspecified	837	0.1	0.5	**0.3**	0.01	0.03	842	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	4264	0.5	2.7	**1.9**	0.10	0.22	3885	0.5	2.4	**1.4**	0.07	0.15	*MPD*
Myelodysplastic syndromes	8008	1.0	5.0	**3.0**	0.08	0.30	6287	0.9	3.9	**1.8**	0.06	0.19	*MDS*
Other and unspecified	15915	2.0	10.0	**6.7**	0.32	0.74	18917	2.6	11.8	**6.0**	0.27	0.66	*O&U*
All sites	792735		498.2	**359.5**	18.52	43.42	738791		461.4	**290.2**	17.91	33.09	*C00-96*
All sites except C44	789597	100.0	496.2	**358.2**	18.46	43.29	736371	100.0	459.9	**289.3**	17.86	32.99	*C00-96 exc. C44*
	§Includes 38 cases of unknown age						§Includes 25 cases of unknown age						

*See note following population pyramid

USA, Alabama

REGISTRATION AREA

The Alabama Statewide Cancer Registry (ASCR) is a statewide population-based cancer registry that collects data on all cancer cases diagnosed or treated in the state of Alabama in the USA.

REGISTRY STRUCTURE AND METHODS

The ASCR was established in 1995 by the Alabama Department of Public Health in response to a state law (Act 95-275) that made cancer a reportable condition. Data collection began on 1 January 1996. The ASCR is located within the Bureau of Family Health Services and is responsible for maintaining a statewide cancer incidence reporting system for the purpose of providing accurate and up-to-date information about cancer in Alabama. The ASCR is a participant in the National Program of Cancer Registries (NPCR), which was established by the United States Centers for Disease Control and Prevention (CDC) in 1992 through the federal Cancer Registries Amendment Act (Public Law 102-515). The NPCR provides funding, guidance, and programme standards for state cancer registries throughout the USA. In recognition of the ASCR's achievement of NPCR standards for data completeness, timeliness, and quality, Alabama's cancer data are included in the *United States Cancer Statistics* report. The ASCR is a member of the North American Association of Central Cancer Registries (NAACCR), which sets standards for completeness, timeliness, and data quality. Registries that meet the highest standards receive NAACCR Gold Certification. The ASCR has achieved NAACCR Gold Certification since data year 2004.

INTERPRETING THE RESULTS

Alabama has breast cancer and cervical cancer screening programmes (with 3% coverage only) for women aged 40–64 years, which started in 1996.

USE OF THE DATA

The ASCR's central repository of information is a valuable tool for monitoring trends in cancer incidence, identifying populations at high risk of cancer, facilitating studies related to cancer prevention, and planning cancer control initiatives.

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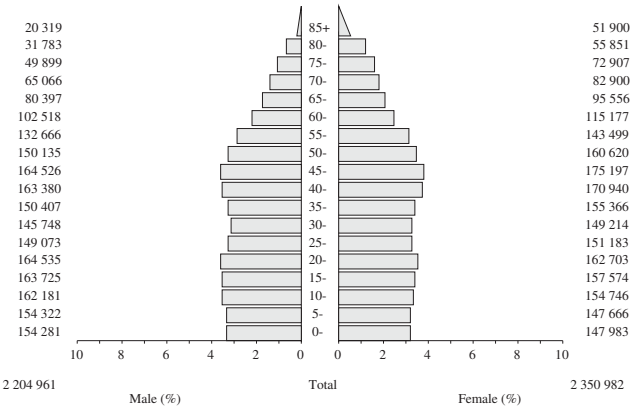
USA, Alabama (2003-2007)
Average annual person-years by sex and age group

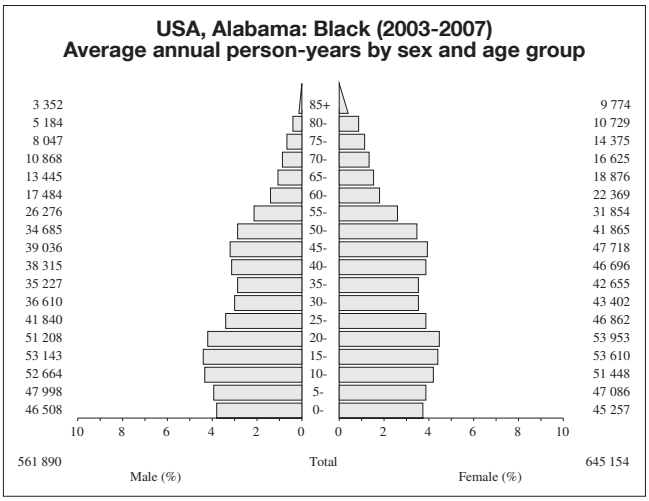


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

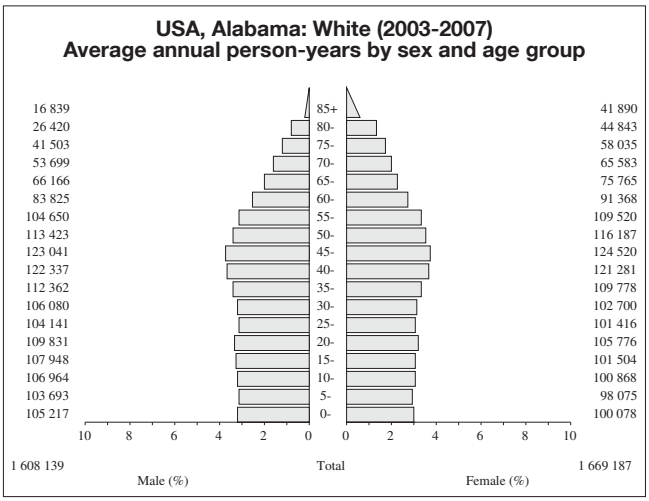
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	107.1	Breast	82.2
Trachea, bronchus and lung	69.0	Trachea, bronchus and lung	36.4
Colon	27.6	Colon	19.7
Bladder	18.8	Corpus uteri	12.7
Melanoma of skin	15.2	Melanoma of skin	10.1
Non-Hodgkin lymphoma	14.0	Non-Hodgkin lymphoma	9.2
Kidney	13.6	Ovary	8.5
Rectum	11.5	Thyroid	8.5
Pancreas	8.4	Kidney	7.4
Other and unspecified	7.9	Rectum	6.8
All sites	379.6	All sites	267.5



USA, ALABAMA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	165.5	Breast	81.6
Trachea, bronchus and lung	72.1	Trachea, bronchus and lung	27.8
Colon	34.2	Colon	25.6
Kidney	14.4	Corpus uteri	13.8
Rectum	12.3	Cervix uteri	7.3
Non-Hodgkin lymphoma	10.7	Kidney	7.3
Pancreas	10.4	Rectum	7.2
Larynx	9.9	Ovary	7.1
Stomach	9.9	Other and unspecified	7.1
Bladder	9.8	Pancreas	6.8
All sites	430.1	All sites	254.3



USA, ALABAMA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	91.6	Breast	81.5
Trachea, bronchus and lung	68.5	Trachea, bronchus and lung	39.0
Colon	26.1	Colon	18.1
Bladder	20.8	Melanoma of skin	13.4
Melanoma of skin	18.9	Corpus uteri	12.6
Non-Hodgkin lymphoma	14.7	Non-Hodgkin lymphoma	9.8
Kidney	13.5	Thyroid	9.3
Rectum	11.3	Ovary	9.0
Pancreas	7.9	Kidney	7.5
Other and unspecified	7.6	Rectum	6.7
All sites	366.7	All sites	271.5

USA, Alabama (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	219	0.4	2.0	**1.3**	0.08	0.16	60	0.1	0.5	**0.3**	0.01	0.03	*C00*
Tongue	547	0.9	5.0	**3.5**	0.26	0.41	210	0.4	1.8	**1.1**	0.06	0.13	*C01-02*
Mouth	425	0.7	3.9	**2.7**	0.18	0.34	272	0.5	2.3	**1.3**	0.08	0.15	*C03-06*
Salivary glands	190	0.3	1.7	**1.2**	0.06	0.13	104	0.2	0.9	**0.5**	0.04	0.06	*C07-08*
Tonsil	307	0.5	2.8	**2.1**	0.17	0.24	87	0.2	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	134	0.2	1.2	**0.9**	0.06	0.11	42	0.1	0.4	**0.2**	0.01	0.03	*C10*
Nasopharynx	96	0.2	0.9	**0.7**	0.05	0.08	37	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	199	0.3	1.8	**1.3**	0.09	0.18	53	0.1	0.5	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	76	0.1	0.7	**0.5**	0.03	0.06	18	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	979	1.6	8.9	**6.2**	0.40	0.75	246	0.5	2.1	**1.2**	0.07	0.15	*C15*
Stomach	880	1.5	8.0	**5.3**	0.30	0.62	636	1.3	5.4	**2.8**	0.14	0.31	*C16*
Small intestine	244	0.4	2.2	**1.5**	0.10	0.18	225	0.4	1.9	**1.2**	0.08	0.14	*C17*
Colon	4555	7.5	41.3	**27.6**	1.46	3.31	4366	8.6	37.1	**19.7**	1.07	2.27	*C18*
Rectum	1812	3.0	16.4	**11.5**	0.74	1.41	1362	2.7	11.6	**6.8**	0.43	0.80	*C19-20*
Anus	137	0.2	1.2	**0.9**	0.07	0.10	238	0.5	2.0	**1.3**	0.09	0.15	*C21*
Liver	841	1.4	7.6	**5.3**	0.35	0.64	372	0.7	3.2	**1.8**	0.09	0.21	*C22*
Gallbladder etc.	239	0.4	2.2	**1.3**	0.05	0.14	308	0.6	2.6	**1.4**	0.07	0.16	*C23-24*
Pancreas	1379	2.3	12.5	**8.4**	0.43	1.02	1293	2.5	11.0	**5.4**	0.26	0.63	*C25*
Nose, sinuses etc.	123	0.2	1.1	**0.8**	0.05	0.10	51	0.1	0.4	**0.3**	0.01	0.03	*C30-31*
Larynx	1035	1.7	9.4	**6.7**	0.44	0.84	284	0.6	2.4	**1.6**	0.12	0.19	*C32*
Trachea, bronchus and lung	11366	18.8	103.1	**69.0**	3.43	8.90	7394	14.5	62.9	**36.4**	1.99	4.76	*C33-34*
Other thoracic organs	47	0.1	0.4	**0.3**	0.02	0.03	40	0.1	0.3	**0.3**	0.02	0.02	*C37-38*
Bone	146	0.2	1.3	**1.1**	0.07	0.09	97	0.2	0.8	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	2394	4.0	21.7	**15.2**	0.94	1.73	1681	3.3	14.3	**10.1**	0.72	1.04	*C43*
Other skin	154		1.4	**1.0**	0.05	0.10	141		1.2	**0.8**	0.05	0.08	*C44*
Mesothelioma	148	0.2	1.3	**0.8**	0.03	0.09	43	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	63	0.1	0.6	**0.5**	0.04	0.04	10	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	413	0.7	3.7	**2.8**	0.16	0.27	359	0.7	3.1	**2.3**	0.15	0.22	*C47+C49*
Breast	155	0.3	1.4	**1.0**	0.06	0.11	14942	29.4	127.1	**82.2**	5.92	9.48	*C50*
Vulva							301	0.6	2.6	**1.5**	0.10	0.16	*C51*
Vagina							94	0.2	0.8	**0.5**	0.03	0.05	*C52*
Cervix uteri							1035	2.0	8.8	**6.7**	0.52	0.65	*C53*
Corpus uteri							2330	4.6	19.8	**12.7**	0.88	1.57	*C54*
Uterus unspecified							83	0.2	0.7	**0.4**	0.02	0.05	*C55*
Ovary							1626	3.2	13.8	**8.5**	0.54	1.00	*C56*
Other female genital organs							66	0.1	0.6	**0.4**	0.03	0.04	*C57*
Placenta							12	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	90	0.1	0.8	**0.6**	0.04	0.06							*C60*
Prostate	17218	28.5	156.2	**107.1**	5.58	14.43							*C61*
Testis	466	0.8	4.2	**4.0**	0.30	0.31							*C62*
Other male genital organs	24	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	2087	3.4	18.9	**13.6**	0.89	1.64	1341	2.6	11.4	**7.4**	0.47	0.86	*C64*
Renal pelvis	75	0.1	0.7	**0.4**	0.02	0.05	52	0.1	0.4	**0.2**	0.01	0.03	*C65*
Ureter	58	0.1	0.5	**0.4**	0.02	0.04	47	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	3242	5.4	29.4	**18.8**	0.82	2.21	1057	2.1	9.0	**4.7**	0.23	0.56	*C67*
Other urinary organs	35	0.1	0.3	**0.2**	0.01	0.02	12	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	107	0.2	1.0	**0.8**	0.05	0.08	89	0.2	0.8	**0.6**	0.03	0.06	*C69*
Brain, nervous system	824	1.4	7.5	**6.1**	0.38	0.60	713	1.4	6.1	**4.8**	0.30	0.44	*C70-72*
Thyroid	431	0.7	3.9	**3.0**	0.20	0.34	1267	2.5	10.8	**8.5**	0.66	0.83	*C73*
Adrenal gland	30	0.0	0.3	**0.3**	0.02	0.02	35	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	17	0.0	0.2	**0.1**	0.01	0.02	16	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	294	0.5	2.7	**2.4**	0.17	0.20	257	0.5	2.2	**2.1**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	2165	3.6	19.6	**14.0**	0.84	1.56	1886	3.7	16.0	**9.2**	0.49	1.07	*C82-85,C96*
Immunoproliferative diseases	18	0.0	0.2	**0.1**	0.00	0.01	10	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	781	1.3	7.1	**4.8**	0.25	0.59	675	1.3	5.7	**3.2**	0.19	0.38	*C90*
Lymphoid leukaemia	771	1.3	7.0	**5.2**	0.27	0.53	543	1.1	4.6	**3.2**	0.17	0.30	*C91*
Myeloid leukaemia	628	1.0	5.7	**4.1**	0.23	0.44	545	1.1	4.6	**3.1**	0.19	0.31	*C92-94*
Leukaemia unspecified	59	0.1	0.5	**0.4**	0.01	0.03	49	0.1	0.4	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	232	0.4	2.1	**1.5**	0.10	0.17	201	0.4	1.7	**1.0**	0.06	0.11	*MPD*
Myelodysplastic syndromes	396	0.7	3.6	**2.2**	0.07	0.24	321	0.6	2.7	**1.3**	0.06	0.13	*MDS*
Other and unspecified	1305	2.2	11.8	**7.9**	0.43	0.90	1343	2.6	11.4	**5.9**	0.30	0.68	*O&U*
All sites	60656		550.2	**379.6**	20.89	46.68	50977		433.7	**267.5**	17.09	30.79	*C00-96*
All sites except C44	60502	100.0	548.8	**378.6**	20.84	46.58	50836	100.0	432.5	**266.7**	17.04	30.71	*C00-96 exc. C44*

§Includes 4 cases of unknown age

§Includes 8 cases of unknown age

USA, Alabama: Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.0	0.0	**0.0**	0.00	0.00	5	0.0	0.2	**0.1**	0.01	0.01	*C00*
Tongue	64	0.5	2.3	**2.2**	0.14	0.27	22	0.2	0.7	**0.6**	0.05	0.06	*C01-02*
Mouth	91	0.7	3.2	**3.0**	0.23	0.33	55	0.5	1.7	**1.3**	0.10	0.13	*C03-06*
Salivary glands	22	0.2	0.8	**0.7**	0.05	0.08	25	0.2	0.8	**0.7**	0.05	0.06	*C07-08*
Tonsil	55	0.4	2.0	**1.9**	0.16	0.23	15	0.1	0.5	**0.4**	0.03	0.05	*C09*
Other oropharynx	39	0.3	1.4	**1.4**	0.11	0.17	8	0.1	0.2	**0.2**	0.01	0.03	*C10*
Nasopharynx	26	0.2	0.9	**0.9**	0.08	0.10	15	0.1	0.5	**0.4**	0.03	0.03	*C11*
Hypopharynx	61	0.5	2.2	**2.3**	0.18	0.31	15	0.1	0.5	**0.4**	0.03	0.05	*C12-13*
Pharynx unspecified	21	0.2	0.7	**0.7**	0.06	0.09	5	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	256	2.1	9.1	**9.0**	0.61	1.17	71	0.7	2.2	**1.7**	0.13	0.22	*C15*
Stomach	298	2.4	10.6	**9.9**	0.56	1.09	218	2.1	6.8	**4.5**	0.22	0.54	*C16*
Small intestine	59	0.5	2.1	**2.0**	0.13	0.24	76	0.7	2.4	**1.8**	0.12	0.22	*C17*
Colon	1023	8.2	36.4	**34.2**	1.86	4.15	1150	10.8	35.7	**25.6**	1.49	3.01	*C18*
Rectum	365	2.9	13.0	**12.3**	0.82	1.52	309	2.9	9.6	**7.2**	0.45	0.88	*C19-20*
Anus	30	0.2	1.1	**1.0**	0.09	0.10	42	0.4	1.3	**1.0**	0.07	0.11	*C21*
Liver	206	1.7	7.3	**6.8**	0.51	0.78	76	0.7	2.4	**1.8**	0.11	0.22	*C22*
Gallbladder etc.	41	0.3	1.5	**1.2**	0.04	0.10	81	0.8	2.5	**1.8**	0.09	0.22	*C23-24*
Pancreas	307	2.5	10.9	**10.4**	0.57	1.27	332	3.1	10.3	**6.8**	0.34	0.78	*C25*
Nose, sinuses etc.	20	0.2	0.7	**0.7**	0.05	0.08	11	0.1	0.3	**0.2**	0.01	0.02	*C30-31*
Larynx	286	2.3	10.2	**9.9**	0.69	1.21	66	0.6	2.0	**1.6**	0.11	0.20	*C32*
Trachea, bronchus and lung	2093	16.8	74.5	**72.1**	3.97	9.20	1161	10.9	36.0	**27.8**	1.65	3.58	*C33-34*
Other thoracic organs	9	0.1	0.3	**0.3**	0.02	0.02	12	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	33	0.3	1.2	**1.1**	0.07	0.11	25	0.2	0.8	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	19	0.2	0.7	**0.6**	0.03	0.07	29	0.3	0.9	**0.5**	0.02	0.05	*C43*
Other skin	21		0.7	**0.7**	0.05	0.07	34		1.1	**0.9**	0.06	0.10	*C44*
Mesothelioma	27	0.2	1.0	**0.9**	0.04	0.11	3	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	25	0.2	0.9	**0.8**	0.07	0.08	2	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	84	0.7	3.0	**2.9**	0.18	0.29	114	1.1	3.5	**3.1**	0.19	0.30	*C47+C49*
Breast	37	0.3	1.3	**1.2**	0.08	0.12	3316	31.3	102.8	**81.6**	6.05	9.20	*C50*
Vulva							52	0.5	1.6	**1.3**	0.10	0.12	*C51*
Vagina							25	0.2	0.8	**0.6**	0.04	0.06	*C52*
Cervix uteri							304	2.9	9.4	**7.3**	0.55	0.78	*C53*
Corpus uteri							548	5.2	17.0	**13.8**	0.85	1.80	*C54*
Uterus unspecified							41	0.4	1.3	**0.9**	0.04	0.12	*C55*
Ovary							290	2.7	9.0	**7.1**	0.44	0.85	*C56*
Other female genital organs							15	0.1	0.5	**0.3**	0.02	0.03	*C57*
Placenta							6	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	20	0.2	0.7	**0.7**	0.05	0.08							*C60*
Prostate	4673	37.6	166.3	**165.5**	9.34	22.18							*C61*
Testis	41	0.3	1.5	**1.4**	0.10	0.12							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	415	3.3	14.8	**14.4**	0.95	1.69	302	2.8	9.4	**7.3**	0.45	0.87	*C64*
Renal pelvis	4	0.0	0.1	**0.1**	0.01	0.01	9	0.1	0.3	**0.2**	0.01	0.02	*C65*
Ureter	5	0.0	0.2	**0.2**	0.01	0.01	5	0.0	0.2	**0.1**	0.00	0.02	*C66*
Bladder	297	2.4	10.6	**9.8**	0.40	1.09	156	1.5	4.8	**3.3**	0.15	0.40	*C67*
Other urinary organs	5	0.0	0.2	**0.2**	0.02	0.02	5	0.0	0.2	**0.1**	0.00	0.02	*C68*
Eye	8	0.1	0.3	**0.3**	0.01	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C69*
Brain, nervous system	110	0.9	3.9	**3.9**	0.24	0.36	87	0.8	2.7	**2.4**	0.16	0.18	*C70-72*
Thyroid	50	0.4	1.8	**1.6**	0.12	0.17	248	2.3	7.7	**6.5**	0.50	0.66	*C73*
Adrenal gland	5	0.0	0.2	**0.2**	0.01	0.01	16	0.2	0.5	**0.5**	0.03	0.04	*C74*
Other endocrine	4	0.0	0.1	**0.1**	0.01	0.02	6	0.1	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	63	0.5	2.2	**2.1**	0.14	0.18	66	0.6	2.0	**1.9**	0.13	0.14	*C81*
Non-Hodgkin lymphoma	320	2.6	11.4	**10.7**	0.75	1.15	269	2.5	8.3	**6.6**	0.42	0.77	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	245	2.0	8.7	**8.3**	0.49	1.02	250	2.4	7.8	**5.7**	0.36	0.70	*C90*
Lymphoid leukaemia	114	0.9	4.1	**4.0**	0.20	0.42	91	0.9	2.8	**2.3**	0.12	0.24	*C91*
Myeloid leukaemia	92	0.7	3.3	**3.0**	0.17	0.28	122	1.2	3.8	**3.1**	0.19	0.29	*C92-94*
Leukaemia unspecified	8	0.1	0.3	**0.3**	0.02	0.02	4	0.0	0.1	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	32	0.3	1.1	**1.1**	0.07	0.15	44	0.4	1.4	**0.9**	0.05	0.09	*MPD*
Myelodysplastic syndromes	45	0.4	1.6	**1.4**	0.04	0.15	58	0.5	1.8	**1.1**	0.06	0.11	*MDS*
Other and unspecified	281	2.3	10.0	**9.5**	0.56	1.09	327	3.1	10.1	**7.1**	0.33	0.87	*O&U*
All sites	12457		443.4	**430.1**	25.15	53.60	10641		329.9	**254.3**	16.51	29.40	*C00-96*
All sites except C44	12436	100.0	442.7	**429.4**	25.10	53.53	10607	100.0	328.8	**253.4**	16.45	29.30	*C00-96 exc. C44*

§Includes 2 cases of unknown age

§Includes 1 case of unknown age

USA, Alabama: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	217	0.5	2.7	**1.7**	0.10	0.20	53	0.1	0.6	**0.3**	0.02	0.03	*C00*
Tongue	478	1.0	5.9	**3.9**	0.30	0.45	183	0.5	2.2	**1.2**	0.07	0.14	*C01-02*
Mouth	330	0.7	4.1	**2.6**	0.16	0.33	212	0.5	2.5	**1.2**	0.07	0.15	*C03-06*
Salivary glands	167	0.4	2.1	**1.3**	0.07	0.14	78	0.2	0.9	**0.5**	0.03	0.05	*C07-08*
Tonsil	247	0.5	3.1	**2.1**	0.18	0.24	72	0.2	0.9	**0.6**	0.04	0.07	*C09*
Other oropharynx	95	0.2	1.2	**0.8**	0.05	0.10	34	0.1	0.4	**0.2**	0.02	0.03	*C10*
Nasopharynx	66	0.1	0.8	**0.6**	0.04	0.07	22	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	136	0.3	1.7	**1.1**	0.07	0.15	38	0.1	0.5	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	54	0.1	0.7	**0.4**	0.02	0.05	12	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	717	1.5	8.9	**5.6**	0.36	0.66	170	0.4	2.0	**1.0**	0.05	0.12	*C15*
Stomach	575	1.2	7.2	**4.3**	0.23	0.51	405	1.0	4.9	**2.2**	0.11	0.25	*C16*
Small intestine	184	0.4	2.3	**1.4**	0.09	0.17	146	0.4	1.7	**1.0**	0.06	0.11	*C17*
Colon	3491	7.4	43.4	**26.1**	1.36	3.13	3180	8.0	38.1	**18.1**	0.95	2.07	*C18*
Rectum	1422	3.0	17.7	**11.3**	0.71	1.37	1040	2.6	12.5	**6.7**	0.43	0.78	*C19-20*
Anus	106	0.2	1.3	**0.9**	0.06	0.10	195	0.5	2.3	**1.4**	0.10	0.16	*C21*
Liver	618	1.3	7.7	**4.9**	0.30	0.60	288	0.7	3.5	**1.7**	0.09	0.20	*C22*
Gallbladder etc.	195	0.4	2.4	**1.3**	0.06	0.14	221	0.6	2.6	**1.2**	0.06	0.14	*C23-24*
Pancreas	1064	2.3	13.2	**7.9**	0.39	0.97	944	2.4	11.3	**5.0**	0.24	0.59	*C25*
Nose, sinuses etc.	102	0.2	1.3	**0.8**	0.05	0.10	39	0.1	0.5	**0.3**	0.01	0.03	*C30-31*
Larynx	740	1.6	9.2	**5.9**	0.38	0.75	218	0.6	2.6	**1.6**	0.12	0.19	*C32*
Trachea, bronchus and lung	9217	19.6	114.6	**68.5**	3.31	8.86	6184	15.6	74.1	**39.0**	2.10	5.10	*C33-34*
Other thoracic organs	38	0.1	0.5	**0.4**	0.03	0.03	27	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	112	0.2	1.4	**1.2**	0.07	0.09	71	0.2	0.9	**0.7**	0.04	0.07	*C40-41*
Melanoma of skin	2356	5.0	29.3	**18.9**	1.19	2.14	1628	4.1	19.5	**13.4**	0.97	1.36	*C43*
Other skin	131		1.6	**1.0**	0.05	0.10	103		1.2	**0.7**	0.05	0.07	*C44*
Mesothelioma	119	0.3	1.5	**0.8**	0.03	0.09	40	0.1	0.5	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	34	0.1	0.4	**0.3**	0.03	0.03	8	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	317	0.7	3.9	**2.7**	0.15	0.25	238	0.6	2.9	**2.0**	0.13	0.19	*C47+C49*
Breast	115	0.2	1.4	**0.9**	0.05	0.11	11419	28.8	136.8	**81.5**	5.83	9.48	*C50*
Vulva							240	0.6	2.9	**1.5**	0.09	0.17	*C51*
Vagina							67	0.2	0.8	**0.4**	0.02	0.05	*C52*
Cervix uteri							705	1.8	8.4	**6.5**	0.52	0.62	*C53*
Corpus uteri							1761	4.4	21.1	**12.6**	0.90	1.53	*C54*
Uterus unspecified							41	0.1	0.5	**0.3**	0.02	0.03	*C55*
Ovary							1322	3.3	15.8	**9.0**	0.58	1.05	*C56*
Other female genital organs							50	0.1	0.6	**0.4**	0.03	0.04	*C57*
Placenta							5	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	69	0.1	0.9	**0.5**	0.04	0.06							*C60*
Prostate	12032	25.5	149.6	**91.6**	4.61	12.43							*C61*
Testis	419	0.9	5.2	**5.0**	0.37	0.38							*C62*
Other male genital organs	23	0.0	0.3	**0.2**	0.02	0.02							*C63*
Kidney	1659	3.5	20.6	**13.5**	0.88	1.64	1030	2.6	12.3	**7.5**	0.48	0.87	*C64*
Renal pelvis	70	0.1	0.9	**0.5**	0.02	0.05	43	0.1	0.5	**0.2**	0.01	0.03	*C65*
Ureter	53	0.1	0.7	**0.4**	0.02	0.05	42	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	2904	6.2	36.1	**20.8**	0.92	2.46	891	2.2	10.7	**5.1**	0.26	0.61	*C67*
Other urinary organs	29	0.1	0.4	**0.2**	0.01	0.02	7	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	98	0.2	1.2	**0.9**	0.06	0.09	85	0.2	1.0	**0.7**	0.04	0.07	*C69*
Brain, nervous system	710	1.5	8.8	**6.7**	0.43	0.67	620	1.6	7.4	**5.6**	0.35	0.52	*C70-72*
Thyroid	378	0.8	4.7	**3.4**	0.23	0.38	998	2.5	12.0	**9.3**	0.73	0.90	*C73*
Adrenal gland	25	0.1	0.3	**0.3**	0.02	0.02	19	0.0	0.2	**0.3**	0.02	0.02	*C74*
Other endocrine	12	0.0	0.1	**0.1**	0.01	0.01	10	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	220	0.5	2.7	**2.5**	0.17	0.21	185	0.5	2.2	**2.1**	0.14	0.17	*C81*
Non-Hodgkin lymphoma	1817	3.9	22.6	**14.7**	0.85	1.64	1585	4.0	19.0	**9.8**	0.51	1.14	*C82-85,C96*
Immunoproliferative diseases	18	0.0	0.2	**0.1**	0.01	0.01	10	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	528	1.1	6.6	**3.9**	0.20	0.49	414	1.0	5.0	**2.4**	0.14	0.29	*C90*
Lymphoid leukaemia	628	1.3	7.8	**5.4**	0.28	0.55	433	1.1	5.2	**3.5**	0.19	0.32	*C91*
Myeloid leukaemia	529	1.1	6.6	**4.4**	0.25	0.47	415	1.0	5.0	**3.0**	0.19	0.31	*C92-94*
Leukaemia unspecified	49	0.1	0.6	**0.4**	0.01	0.04	45	0.1	0.5	**0.2**	0.00	0.02	*C95*
Myeloproliferative disorders	195	0.4	2.4	**1.6**	0.11	0.17	153	0.4	1.8	**1.0**	0.06	0.11	*MPD*
Myelodysplastic syndromes	346	0.7	4.3	**2.4**	0.08	0.26	260	0.7	3.1	**1.3**	0.06	0.14	*MDS*
Other and unspecified	1014	2.2	12.6	**7.6**	0.40	0.86	1000	2.5	12.0	**5.6**	0.30	0.63	*O&U*
All sites	47268		587.9	**366.7**	19.88	44.94	39704		475.7	**271.5**	17.30	31.17	*C00-96*
All sites except C44	47137	100.0	586.2	**365.7**	19.83	44.84	39601	100.0	474.5	**270.8**	17.25	31.09	*C00-96 exc. C44*

§Includes 2 cases of unknown age

§Includes 4 cases of unknown age

USA, Alaska

REGISTRATION AREA

The Alaska Cancer Registry (ACR) covers the population of the state of Alaska – the northernmost state in the USA. Alaska makes up 16% of the total land area of the country, but accounts for only 0.2% of the country's population. At the most recent census (2010), the population of Alaska was 710 000. Most of the state is rural and sparsely populated. About 41% of Alaskan residents (292 000) live in the municipality of Anchorage, although Anchorage makes up only 0.3% of the state's land area. Alaska's population is 71.4% White, 17.0% Alaska Native or American Indian, 7.2% Asian or Pacific Islander, and 4.4% Black.

CANCER CARE FACILITIES

General health care in Alaska is provided by 24 hospitals, numerous health clinics, and many private practitioners. Because the municipality of Anchorage has the largest population, it also has the most health care facilities, including four hospitals. Alaska Natives are provided health care at no cost at a central hospital in Anchorage.

REGISTRY STRUCTURE AND METHODS

The ACR is located in Anchorage and is part of the state health department. It is funded mostly by the United States Centers for Disease Control and Prevention (CDC), through the National Program of Cancer Registries (NPCR), and partly by the state health department. The ACR is staffed by four full-time registrars (one of whom is also the registry manager) and a full-time data analyst. Cancer is a reportable disease by state law. The ACR's annual caseload is approximately 2700 consolidated malignancy cases. The ACR receives most of its cases from hospitals. The remaining cases are received from physicians, pathology laboratories, other state cancer registries, and death certificate review. Quality control is regularly performed on the data, through the use of the most current North American Association of Central Cancer Registries (NAACCR) edits metafile.

INTERPRETING THE RESULTS

The Alaska Breast and Cervical Health Check programme provides breast and cervical cancer screening services for women who have low income or whose insurance does not cover these services. In addition, the Alaska Native Tribal Health Consortium provides four breast and cervical cancer screening programmes and three colorectal cancer screening programmes.

USE OF THE DATA

The ACR prepares an annual report on cancer incidence and mortality, and data are submitted annually to NAACCR and CDC for use in national databases and reports. ACR data are regularly requested by the Alaska State Legislature, physicians, researchers, and the general public.

CONTRIBUTORS

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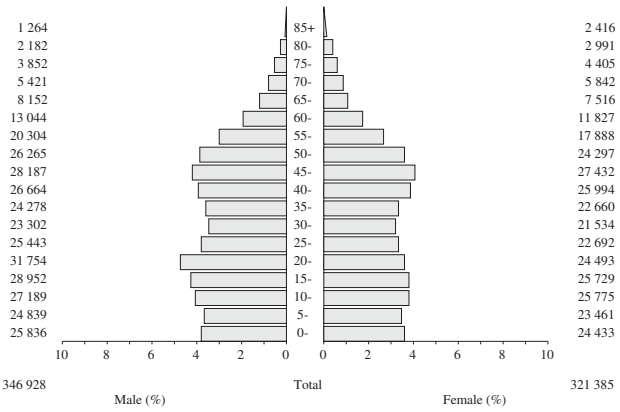
USA, Alaska (2003-2007)
Average annual person-years by sex and age group

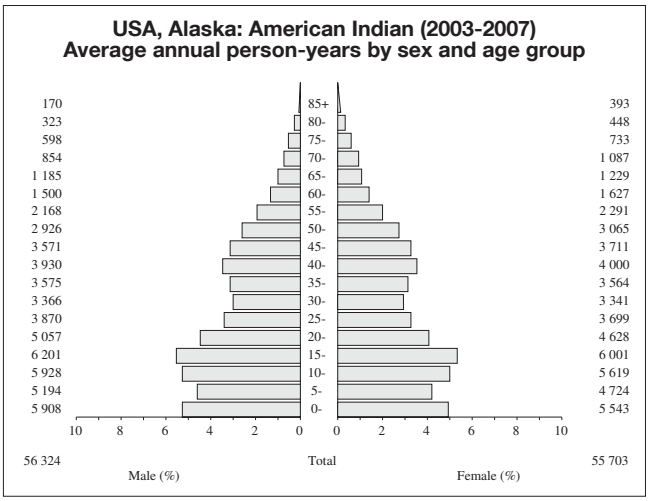


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	98.5	Breast	92.8
Trachea, bronchus and lung	53.6	Trachea, bronchus and lung	39.6
Colon	24.3	Colon	20.8
Bladder	22.7	Corpus uteri	16.5
Non-Hodgkin lymphoma	14.9	Thyroid	14.2
Kidney	12.7	Non-Hodgkin lymphoma	11.8
Rectum	11.0	Ovary	9.3
Melanoma of skin	8.3	Melanoma of skin	7.8
Pancreas	7.8	Kidney	7.6
Other and unspecified	7.5	Rectum	6.8
All sites	351.9	All sites	298.3



NOTES ON THE DATA: *Limited DCO registrations. High MV%.

USA, ALASKA: AMERICAN INDIAN
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	73.1	Breast	105.3
Prostate	45.9	Trachea, bronchus and lung	51.7
Colon	45.3	Colon	48.2
Stomach	20.4	Corpus uteri	12.3
Rectum	19.6	Non-Hodgkin lymphoma	11.0
Kidney	17.1	Ovary	10.7
Bladder	14.2	Kidney	10.7
Pancreas	10.7	Cervix uteri	10.6
Non-Hodgkin lymphoma	10.3	Rectum	10.5
Other and unspecified	9.5	Stomach	9.3
All sites	348.9	All sites	362.1

USA, Alaska (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	14	0.2	0.8	**0.8**	0.03	0.10	2	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	48	0.8	2.8	**2.7**	0.17	0.37	21	0.4	1.3	**1.2**	0.07	0.18	*C01-02*
Mouth	37	0.6	2.1	**2.1**	0.10	0.26	17	0.3	1.1	**0.8**	0.04	0.08	*C03-06*
Salivary glands	13	0.2	0.7	**0.8**	0.04	0.10	10	0.2	0.6	**0.5**	0.04	0.04	*C07-08*
Tonsil	48	0.8	2.8	**2.3**	0.20	0.28	5	0.1	0.3	**0.3**	0.03	0.03	*C09*
Other oropharynx	11	0.2	0.6	**0.6**	0.04	0.09	5	0.1	0.3	**0.3**	0.00	0.05	*C10*
Nasopharynx	25	0.4	1.4	**1.4**	0.09	0.16	10	0.2	0.6	**0.5**	0.04	0.04	*C11*
Hypopharynx	12	0.2	0.7	**0.6**	0.04	0.08	3	0.1	0.2	**0.1**	0.00	0.00	*C12-13*
Pharynx unspecified	6	0.1	0.3	**0.3**	0.02	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	107	1.7	6.2	**6.0**	0.36	0.82	38	0.7	2.4	**2.1**	0.09	0.29	*C15*
Stomach	115	1.8	6.6	**6.3**	0.29	0.72	51	0.9	3.2	**2.7**	0.13	0.29	*C16*
Small intestine	36	0.6	2.1	**1.9**	0.09	0.25	20	0.4	1.2	**1.1**	0.06	0.12	*C17*
Colon	425	6.8	24.5	**24.3**	1.03	2.92	394	7.1	24.5	**20.8**	0.93	2.41	*C18*
Rectum	207	3.3	11.9	**11.0**	0.63	1.33	127	2.3	7.9	**6.8**	0.40	0.80	*C19-20*
Anus	25	0.4	1.4	**1.3**	0.07	0.14	40	0.7	2.5	**2.0**	0.16	0.23	*C21*
Liver	138	2.2	8.0	**7.1**	0.44	0.75	57	1.0	3.5	**3.2**	0.16	0.36	*C22*
Gallbladder etc.	40	0.6	2.3	**2.3**	0.09	0.24	40	0.7	2.5	**1.9**	0.08	0.18	*C23-24*
Pancreas	140	2.2	8.1	**7.8**	0.36	0.88	117	2.1	7.3	**6.3**	0.29	0.81	*C25*
Nose, sinuses etc.	7	0.1	0.4	**0.4**	0.02	0.06	5	0.1	0.3	**0.3**	0.01	0.05	*C30-31*
Larynx	88	1.4	5.1	**4.9**	0.27	0.69	12	0.2	0.7	**0.7**	0.06	0.08	*C32*
Trachea, bronchus and lung	926	14.8	53.4	**53.6**	2.21	6.89	707	12.7	44.0	**39.6**	1.59	5.03	*C33-34*
Other thoracic organs	3	0.0	0.2	**0.1**	0.01	0.01	3	0.1	0.2	**0.2**	0.00	0.02	*C37-38*
Bone	14	0.2	0.8	**0.8**	0.05	0.05	21	0.4	1.3	**1.3**	0.09	0.13	*C40-41*
Melanoma of skin	168	2.7	9.7	**8.3**	0.65	0.85	144	2.6	9.0	**7.8**	0.53	0.86	*C43*
Other skin	25		1.4	**1.4**	0.07	0.12	17		1.1	**1.0**	0.05	0.11	*C44*
Mesothelioma	25	0.4	1.4	**1.5**	0.04	0.13	6	0.1	0.4	**0.4**	0.01	0.05	*C45*
Kaposi sarcoma	7	0.1	0.4	**0.4**	0.02	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	66	1.1	3.8	**3.7**	0.24	0.35	38	0.7	2.4	**2.2**	0.14	0.21	*C47+C49*
Breast	8	0.1	0.5	**0.4**	0.02	0.09	1777	32.0	110.6	**92.8**	6.47	10.80	*C50*
Vulva							30	0.5	1.9	**1.6**	0.11	0.17	*C51*
Vagina							12	0.2	0.7	**0.6**	0.04	0.05	*C52*
Cervix uteri							123	2.2	7.7	**6.4**	0.52	0.58	*C53*
Corpus uteri							301	5.4	18.7	**16.5**	1.12	2.10	*C54*
Uterus unspecified							5	0.1	0.3	**0.2**	0.01	0.03	*C55*
Ovary							183	3.3	11.4	**9.3**	0.68	1.00	*C56*
Other female genital organs							13	0.2	0.8	**0.7**	0.04	0.07	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	13	0.2	0.7	**0.7**	0.04	0.10							*C60*
Prostate	1717	27.5	99.0	**98.5**	5.02	13.24							*C61*
Testis	103	1.6	5.9	**5.3**	0.40	0.40							*C62*
Other male genital organs	2	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	239	3.8	13.8	**12.7**	0.76	1.45	143	2.6	8.9	**7.6**	0.45	0.91	*C64*
Renal pelvis	11	0.2	0.6	**0.6**	0.03	0.08	7	0.1	0.4	**0.4**	0.02	0.05	*C65*
Ureter	3	0.0	0.2	**0.2**	0.02	0.03	6	0.1	0.4	**0.3**	0.02	0.05	*C66*
Bladder	393	6.3	22.7	**22.7**	0.94	2.70	93	1.7	5.8	**5.1**	0.24	0.63	*C67*
Other urinary organs	2	0.0	0.1	**0.1**	0.00	0.02	2	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	10	0.2	0.6	**0.6**	0.05	0.05	6	0.1	0.4	**0.3**	0.03	0.03	*C69*
Brain, nervous system	88	1.4	5.1	**4.7**	0.30	0.46	87	1.6	5.4	**4.9**	0.30	0.47	*C70-72*
Thyroid	96	1.5	5.5	**4.9**	0.37	0.50	269	4.8	16.7	**14.2**	1.12	1.34	*C73*
Adrenal gland	5	0.1	0.3	**0.2**	0.01	0.01	5	0.1	0.3	**0.3**	0.02	0.03	*C74*
Other endocrine	3	0.0	0.2	**0.2**	0.01	0.01	2	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	56	0.9	3.2	**3.0**	0.20	0.27	27	0.5	1.7	**1.6**	0.11	0.13	*C81*
Non-Hodgkin lymphoma	277	4.4	16.0	**14.9**	0.86	1.58	218	3.9	13.6	**11.8**	0.66	1.34	*C82-85,C96*
Immunoproliferative diseases	7	0.1	0.4	**0.4**	0.02	0.05	1	0.0	0.1	**0.1**	0.00	0.02	*C88*
Multiple myeloma	74	1.2	4.3	**4.2**	0.18	0.60	52	0.9	3.2	**2.7**	0.15	0.28	*C90*
Lymphoid leukaemia	121	1.9	7.0	**7.4**	0.35	0.77	61	1.1	3.8	**3.8**	0.19	0.39	*C91*
Myeloid leukaemia	74	1.2	4.3	**4.1**	0.20	0.37	63	1.1	3.9	**3.5**	0.20	0.40	*C92-94*
Leukaemia unspecified	2	0.0	0.1	**0.2**	0.00	0.00	5	0.1	0.3	**0.3**	0.01	0.04	*C95*
Myeloproliferative disorders	31	0.5	1.8	**1.7**	0.09	0.21	27	0.5	1.7	**1.4**	0.09	0.15	*MPD*
Myelodysplastic syndromes	33	0.5	1.9	**1.9**	0.05	0.18	33	0.6	2.1	**1.9**	0.05	0.23	*MDS*
Other and unspecified	133	2.1	7.7	**7.5**	0.33	0.87	115	2.1	7.2	**5.8**	0.26	0.59	*O&U*
All sites	6277		361.9	**351.9**	17.93	42.75	5576		347.0	**298.3**	17.94	34.37	*C00-96*
All sites except C44	6252	100.0	360.4	**350.5**	17.86	42.64	5559	100.0	345.9	**297.3**	17.89	34.26	*C00-96 exc. C44*

*USA, Alaska: American Indian (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.1	0.4	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	3	0.4	1.1	**1.2**	0.06	0.15	4	0.4	1.4	**1.5**	0.12	0.21	*C01-02*
Mouth	5	0.6	1.8	**1.9**	0.13	0.22	5	0.5	1.8	**1.6**	0.11	0.11	*C03-06*
Salivary glands	4	0.5	1.4	**1.8**	0.16	0.28	2	0.2	0.7	**0.6**	0.05	0.05	*C07-08*
Tonsil	6	0.7	2.1	**2.7**	0.26	0.34	1	0.1	0.4	**0.5**	0.06	0.06	*C09*
Other oropharynx	1	0.1	0.4	**0.3**	0.03	0.03	1	0.1	0.4	**0.5**	0.00	0.08	*C10*
Nasopharynx	13	1.5	4.6	**6.0**	0.34	0.88	8	0.8	2.9	**2.8**	0.23	0.23	*C11*
Hypopharynx	5	0.6	1.8	**2.1**	0.11	0.23	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	14	1.7	5.0	**5.9**	0.34	0.82	17	1.7	6.1	**5.8**	0.27	0.71	*C15*
Stomach	51	6.0	18.1	**20.4**	1.13	2.26	26	2.6	9.3	**9.3**	0.53	0.95	*C16*
Small intestine	3	0.4	1.1	**1.1**	0.06	0.18	1	0.1	0.4	**0.5**	0.00	0.08	*C17*
Colon	108	12.8	38.4	**45.3**	2.10	5.50	137	13.6	49.2	**48.2**	2.38	5.88	*C18*
Rectum	49	5.8	17.4	**19.6**	1.50	2.45	29	2.9	10.4	**10.5**	0.75	1.28	*C19-20*
Anus	8	0.9	2.8	**3.0**	0.19	0.39	6	0.6	2.2	**2.3**	0.22	0.31	*C21*
Liver	20	2.4	7.1	**7.8**	0.45	0.71	13	1.3	4.7	**4.8**	0.32	0.58	*C22*
Gallbladder etc.	14	1.7	5.0	**5.6**	0.18	0.55	11	1.1	3.9	**3.8**	0.11	0.45	*C23-24*
Pancreas	26	3.1	9.2	**10.7**	0.37	1.38	25	2.5	9.0	**8.5**	0.33	1.24	*C25*
Nose, sinuses etc.	0	0.0	0.0	**0.0**	0.00	0.00	2	0.2	0.7	**0.7**	0.08	0.08	*C30-31*
Larynx	11	1.3	3.9	**4.3**	0.20	0.61	2	0.2	0.7	**1.0**	0.06	0.14	*C32*
Trachea, bronchus and lung	171	20.2	60.7	**73.1**	3.29	9.51	140	13.9	50.3	**51.7**	2.32	7.16	*C33-34*
Other thoracic organs	1	0.1	0.4	**0.3**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	4	0.5	1.4	**1.4**	0.09	0.09	2	0.2	0.7	**0.8**	0.03	0.12	*C40-41*
Melanoma of skin	3	0.4	1.1	**1.2**	0.06	0.14	6	0.6	2.2	**2.0**	0.18	0.18	*C43*
Other skin	3		1.1	**1.1**	0.03	0.15	1		0.4	**0.3**	0.03	0.03	*C44*
Mesothelioma	1	0.1	0.4	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	2	0.2	0.7	**0.8**	0.03	0.15	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	8	0.9	2.8	**2.7**	0.22	0.22	4	0.4	1.4	**1.4**	0.09	0.17	*C47+C49*
Breast	1	0.1	0.4	**0.5**	0.00	0.12	290	28.8	104.1	**105.3**	7.88	12.51	*C50*
Vulva							5	0.5	1.8	**1.7**	0.16	0.16	*C51*
Vagina							2	0.2	0.7	**0.6**	0.03	0.03	*C52*
Cervix uteri							30	3.0	10.8	**10.6**	0.78	0.78	*C53*
Corpus uteri							33	3.3	11.8	**12.3**	0.90	1.50	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							29	2.9	10.4	**10.7**	0.87	1.22	*C56*
Other female genital organs							2	0.2	0.7	**1.0**	0.06	0.14	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	2	0.2	0.7	**0.8**	0.00	0.08							*C60*
Prostate	108	12.8	38.4	**45.9**	2.42	5.66							*C61*
Testis	15	1.8	5.3	**5.4**	0.37	0.37							*C62*
Other male genital organs	1	0.1	0.4	**0.3**	0.00	0.00							*C63*
Kidney	45	5.3	16.0	**17.1**	0.89	1.86	31	3.1	11.1	**10.7**	0.78	1.14	*C64*
Renal pelvis	1	0.1	0.4	**0.5**	0.00	0.08	2	0.2	0.7	**0.8**	0.00	0.08	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	33	3.9	11.7	**14.2**	0.64	1.66	6	0.6	2.2	**1.9**	0.12	0.12	*C67*
Other urinary organs	1	0.1	0.4	**0.5**	0.00	0.12	1	0.1	0.4	**0.2**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	7	0.8	2.5	**2.6**	0.23	0.23	17	1.7	6.1	**6.4**	0.53	0.53	*C70-72*
Thyroid	13	1.5	4.6	**5.0**	0.30	0.41	22	2.2	7.9	**7.3**	0.54	0.72	*C73*
Adrenal gland	1	0.1	0.4	**0.4**	0.03	0.03	1	0.1	0.4	**0.5**	0.00	0.08	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	4	0.5	1.4	**1.4**	0.11	0.11	0	0.0	0.0	**0.0**	0.00	0.00	*C81*
Non-Hodgkin lymphoma	25	3.0	8.9	**10.3**	0.65	0.91	31	3.1	11.1	**11.0**	0.57	1.17	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	8	0.9	2.8	**3.4**	0.20	0.45	10	1.0	3.6	**3.8**	0.34	0.42	*C90*
Lymphoid leukaemia	9	1.1	3.2	**3.6**	0.27	0.27	7	0.7	2.5	**2.8**	0.13	0.21	*C91*
Myeloid leukaemia	13	1.5	4.6	**4.9**	0.27	0.47	9	0.9	3.2	**3.3**	0.11	0.38	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.4	**0.4**	0.03	0.03	*C95*
Myeloproliferative disorders	2	0.2	0.7	**0.8**	0.03	0.15	4	0.4	1.4	**1.3**	0.08	0.17	*MPD*
Myelodysplastic syndromes	2	0.2	0.7	**0.9**	0.05	0.13	6	0.6	2.2	**2.1**	0.04	0.21	*MDS*
Other and unspecified	23	2.7	8.2	**9.5**	0.48	1.32	26	2.6	9.3	**8.3**	0.19	0.89	*O&U*
All sites	849		301.5	**348.9**	18.31	41.72	1008		361.9	**362.1**	22.38	42.57	*C00-96*
All sites except C44	846	100.0	300.4	**347.8**	18.29	41.57	1007	100.0	361.6	**361.8**	22.36	42.55	*C00-96 exc. C44*

*See note following population pyramid

USA, Arizona

REGISTRATION AREA

The Arizona Cancer Registry (ACR) covers the population of the state of Arizona in the USA. In 2005, the state's population was 5.9 million. About 90% of Arizona residents live in urban areas. Within the USA, Arizona has the second highest state concentration of American Indians, who account for 5% of the state's population. Overall, 60% of residents are non-Hispanic White, 29% are Hispanic, and 11% are of other races.

CANCER CARE FACILITIES

Health care in the region is provided by private practitioners, clinics, and hospitals. Health insurance is used by 81% of the population to pay for health care, and 74% of health insurance is nongovernmental.

REGISTRY STRUCTURE AND METHODS

The ACR is funded through state legislature appropriations to the Arizona Department of Health Services. Enhancement funds are provided through the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR). The registry has 6.75 full-time equivalent positions. The ACR is a population-based surveillance system that collects, manages, and analyses information on cancer incidence, survival, and mortality. Arizona law mandates the reporting of cancer cases by hospitals, clinics, physicians, and pathology laboratories. The registry conducts data linkage with death certificates to capture unreported cases, and has 21 data exchange agreements with other states. Quality control procedures include computerized and visual editing, case ascertainment reviews, and re-abstracting studies.

INTERPRETING THE RESULTS

The cancer rate in Arizona is stable, following national trends. Arizona's age-adjusted cancer incidence rates are generally lower than the national rates. The completeness of data coverage is 90–95%. Arizona has organized screening programmes for breast, cervical, and colorectal cancers. More than half of all men older than 40 years are screened for prostate cancer using the prostate-specific antigen (PSA) test.

USE OF THE DATA

The ACR analyses cancer incidence, mortality, and survival among Arizona residents yearly. Registry data are used for epidemiological research, cancer control planning, and addressing community cancer concerns. The registry is also involved in research studies that have been approved by the Arizona Department of Health Services' Human Subjects Review Committee.

CONTRIBUTORS

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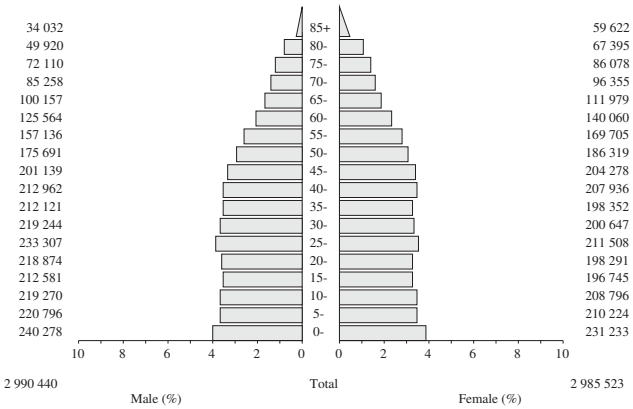
USA, Arizona (2003-2007)
Average annual person-years by sex and age group

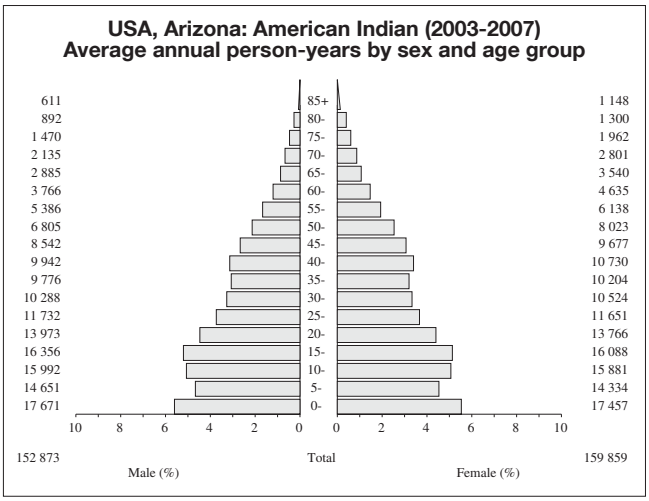


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

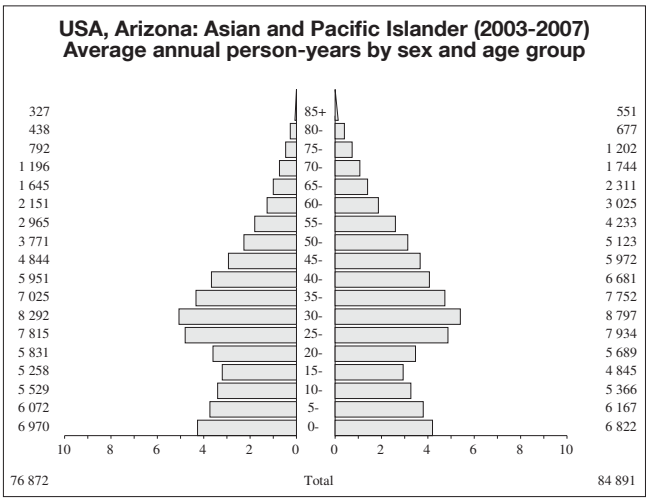
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	89.0	Breast	74.8
Trachea, bronchus and lung	41.7	Trachea, bronchus and lung	31.6
Bladder	19.3	Colon	14.9
Colon	18.9	Thyroid	13.9
Melanoma of skin	13.8	Corpus uteri	13.2
Kidney	12.2	Melanoma of skin	9.0
Non-Hodgkin lymphoma	12.0	Non-Hodgkin lymphoma	9.0
Rectum	9.2	Ovary	8.9
Other and unspecified	8.2	Kidney	6.8
Pancreas	7.3	Other and unspecified	6.5
All sites	307.3	All sites	248.9



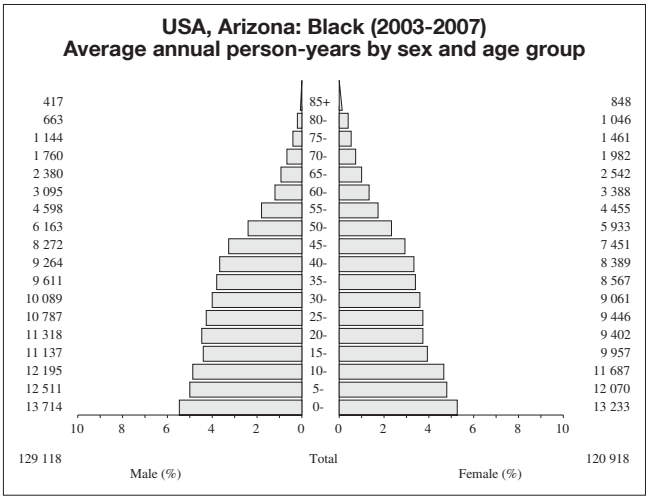
USA, ARIZONA: AMERICAN INDIAN
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	44.0	Breast	41.1
Kidney	21.9	Corpus uteri	14.9
Trachea, bronchus and lung	12.4	Colon	10.1
Colon	10.6	Kidney	9.2
Liver	9.7	Thyroid	8.7
Stomach	8.6	Trachea, bronchus and lung	8.5
Non-Hodgkin lymphoma	8.1	Other and unspecified	8.3
Rectum	7.6	Ovary	7.4
Other and unspecified	6.5	Cervix uteri	7.3
Pancreas	5.4	Non-Hodgkin lymphoma	6.9
All sites	187.4	All sites	168.8



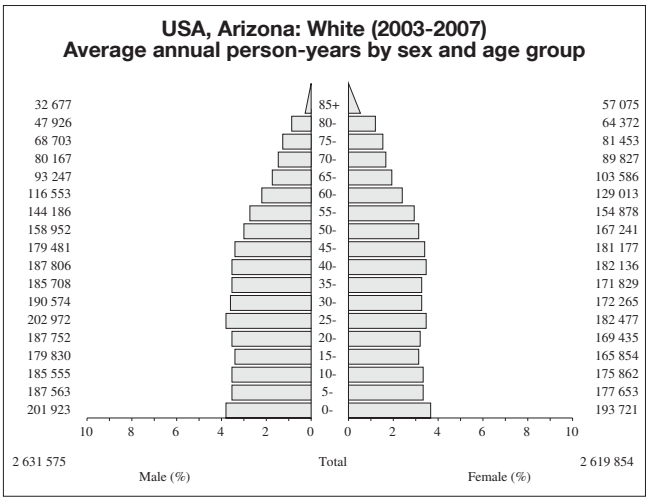
USA, ARIZONA: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	38.6	Breast	41.9
Trachea, bronchus and lung	20.2	Trachea, bronchus and lung	16.3
Colon	14.2	Thyroid	11.2
Liver	10.5	Colon	8.1
Rectum	6.1	Corpus uteri	7.0
Brain, nervous system	5.2	Ovary	6.1
Other and unspecified	5.1	Cervix uteri	4.5
Non-Hodgkin lymphoma	5.1	Rectum	4.4
Thyroid	5.0	Stomach	3.7
Kidney	4.9	Non-Hodgkin lymphoma	3.6
All sites	149.4	All sites	136.7



USA, ARIZONA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	112.1	Breast	66.5
Trachea, bronchus and lung	40.4	Trachea, bronchus and lung	35.8
Colon	20.6	Colon	19.6
Non-Hodgkin lymphoma	11.1	Corpus uteri	13.5
Kidney	11.0	Pancreas	9.1
Stomach	9.7	Kidney	8.5
Other and unspecified	9.1	Other and unspecified	7.9
Liver	8.9	Thyroid	7.5
Rectum	8.0	Ovary	6.5
Pancreas	7.8	Non-Hodgkin lymphoma	5.6
All sites	295.6	All sites	231.2



USA, ARIZONA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	84.5	Breast	75.8
Trachea, bronchus and lung	42.8	Trachea, bronchus and lung	32.4
Bladder	20.0	Colon	14.9
Colon	19.0	Thyroid	14.3
Melanoma of skin	13.9	Corpus uteri	12.9
Non-Hodgkin lymphoma	12.0	Ovary	9.0
Kidney	11.9	Non-Hodgkin lymphoma	9.0
Rectum	9.2	Melanoma of skin	9.0
Other and unspecified	8.2	Kidney	6.7
Pancreas	7.4	Other and unspecified	6.4
All sites	304.7	All sites	250.7

USA, Arizona (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	106	0.2	0.7	**0.5**	0.03	0.06	32	0.1	0.2	**0.1**	0.00	0.01	*C00*
Tongue	553	0.9	3.7	**2.9**	0.22	0.36	246	0.4	1.6	**1.1**	0.07	0.12	*C01-02*
Mouth	311	0.5	2.1	**1.6**	0.10	0.21	214	0.4	1.4	**0.8**	0.05	0.09	*C03-06*
Salivary glands	216	0.3	1.4	**1.0**	0.05	0.11	120	0.2	0.8	**0.5**	0.03	0.06	*C07-08*
Tonsil	311	0.5	2.1	**1.7**	0.14	0.20	82	0.1	0.5	**0.4**	0.03	0.05	*C09*
Other oropharynx	81	0.1	0.5	**0.4**	0.03	0.06	49	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	66	0.1	0.4	**0.4**	0.03	0.04	40	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	127	0.2	0.8	**0.6**	0.04	0.08	30	0.1	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	68	0.1	0.5	**0.3**	0.02	0.04	21	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	1099	1.7	7.4	**5.2**	0.30	0.65	264	0.5	1.8	**1.0**	0.05	0.12	*C15*
Stomach	1029	1.6	6.9	**4.7**	0.25	0.57	583	1.0	3.9	**2.3**	0.11	0.25	*C16*
Small intestine	255	0.4	1.7	**1.2**	0.07	0.16	201	0.3	1.3	**0.8**	0.05	0.10	*C17*
Colon	4333	6.7	29.0	**18.9**	0.86	2.24	4214	7.3	28.2	**14.9**	0.67	1.71	*C18*
Rectum	1921	3.0	12.8	**9.2**	0.53	1.17	1323	2.3	8.9	**5.5**	0.34	0.64	*C19-20*
Anus	155	0.2	1.0	**0.8**	0.05	0.08	241	0.4	1.6	**1.1**	0.09	0.13	*C21*
Liver	1278	2.0	8.5	**6.4**	0.45	0.77	511	0.9	3.4	**2.1**	0.11	0.25	*C22*
Gallbladder etc.	353	0.5	2.4	**1.5**	0.07	0.17	420	0.7	2.8	**1.5**	0.08	0.18	*C23-24*
Pancreas	1613	2.5	10.8	**7.3**	0.37	0.89	1456	2.5	9.8	**5.2**	0.24	0.61	*C25*
Nose, sinuses etc.	104	0.2	0.7	**0.5**	0.03	0.06	67	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	675	1.0	4.5	**3.3**	0.18	0.42	160	0.3	1.1	**0.7**	0.04	0.10	*C32*
Trachea, bronchus and lung	9326	14.4	62.4	**41.7**	1.84	5.35	8178	14.2	54.8	**31.6**	1.47	4.11	*C33-34*
Other thoracic organs	52	0.1	0.3	**0.3**	0.02	0.03	38	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	172	0.3	1.2	**1.0**	0.06	0.09	139	0.2	0.9	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	2884	4.5	19.3	**13.8**	0.80	1.59	1849	3.2	12.4	**9.0**	0.62	0.94	*C43*
Other skin	208		1.4	**0.9**	0.04	0.09	160		1.1	**0.7**	0.04	0.07	*C44*
Mesothelioma	238	0.4	1.6	**1.0**	0.03	0.12	68	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	74	0.1	0.5	**0.4**	0.03	0.03	7	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	456	0.7	3.0	**2.3**	0.13	0.23	412	0.7	2.8	**2.0**	0.12	0.19	*C47+C49*
Breast	228	0.4	1.5	**1.1**	0.07	0.13	16443	28.6	110.2	**74.8**	5.21	8.78	*C50*
Vulva							287	0.5	1.9	**1.2**	0.07	0.13	*C51*
Vagina							81	0.1	0.5	**0.3**	0.02	0.04	*C52*
Cervix uteri							1056	1.8	7.1	**5.8**	0.47	0.55	*C53*
Corpus uteri							2846	5.0	19.1	**13.2**	0.96	1.58	*C54*
Uterus unspecified							127	0.2	0.9	**0.5**	0.04	0.06	*C55*
Ovary							2022	3.5	13.5	**8.9**	0.58	1.04	*C56*
Other female genital organs							101	0.2	0.7	**0.5**	0.04	0.05	*C57*
Placenta							6	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	106	0.2	0.7	**0.5**	0.03	0.06							*C60*
Prostate	18225	28.2	121.9	**89.0**	4.66	12.40							*C61*
Testis	766	1.2	5.1	**4.7**	0.35	0.37							*C62*
Other male genital organs	27	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	2435	3.8	16.3	**12.2**	0.80	1.46	1538	2.7	10.3	**6.8**	0.41	0.80	*C64*
Renal pelvis	115	0.2	0.8	**0.5**	0.02	0.06	92	0.2	0.6	**0.3**	0.01	0.03	*C65*
Ureter	99	0.2	0.7	**0.4**	0.02	0.04	69	0.1	0.5	**0.2**	0.00	0.02	*C66*
Bladder	4585	7.1	30.7	**19.3**	0.78	2.30	1429	2.5	9.6	**5.1**	0.24	0.64	*C67*
Other urinary organs	45	0.1	0.3	**0.2**	0.01	0.02	15	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	123	0.2	0.8	**0.7**	0.04	0.06	113	0.2	0.8	**0.6**	0.03	0.05	*C69*
Brain, nervous system	1080	1.7	7.2	**6.1**	0.38	0.60	897	1.6	6.0	**4.9**	0.31	0.44	*C70-72*
Thyroid	813	1.3	5.4	**4.4**	0.33	0.48	2499	4.3	16.7	**13.9**	1.09	1.35	*C73*
Adrenal gland	37	0.1	0.2	**0.2**	0.01	0.02	38	0.1	0.3	**0.2**	0.01	0.02	*C74*
Other endocrine	31	0.0	0.2	**0.2**	0.01	0.02	9	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	313	0.5	2.1	**1.8**	0.13	0.16	272	0.5	1.8	**1.7**	0.11	0.14	*C81*
Non-Hodgkin lymphoma	2572	4.0	17.2	**12.0**	0.62	1.38	2182	3.8	14.6	**9.0**	0.51	1.02	*C82-85,C96*
Immunoproliferative diseases	33	0.1	0.2	**0.1**	0.01	0.02	27	0.0	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	735	1.1	4.9	**3.4**	0.18	0.42	594	1.0	4.0	**2.3**	0.12	0.28	*C90*
Lymphoid leukaemia	832	1.3	5.6	**4.6**	0.23	0.41	551	1.0	3.7	**2.8**	0.14	0.23	*C91*
Myeloid leukaemia	743	1.1	5.0	**3.6**	0.18	0.39	614	1.1	4.1	**2.8**	0.16	0.26	*C92-94*
Leukaemia unspecified	111	0.2	0.7	**0.4**	0.02	0.03	82	0.1	0.5	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	301	0.5	2.0	**1.4**	0.08	0.16	262	0.5	1.8	**1.0**	0.05	0.11	*MPD*
Myelodysplastic syndromes	590	0.9	3.9	**2.2**	0.05	0.23	442	0.8	3.0	**1.4**	0.05	0.15	*MDS*
Other and unspecified	1848	2.9	12.4	**8.2**	0.42	0.97	1827	3.2	12.2	**6.5**	0.31	0.73	*O&U*
All sites	64857		433.8	**307.3**	16.17	38.08	57646		386.2	**248.9**	15.34	28.49	*C00-96*
All sites except C44	64649	100.0	432.4	**306.4**	16.13	37.99	57486	100.0	385.1	**248.2**	15.30	28.43	*C00-96 exc. C44*

§Includes 19 cases of unknown age

§Includes 25 cases of unknown age

USA, Arizona: American Indian (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	5	0.4	0.7	**0.9**	0.07	0.11	3	0.2	0.4	**0.4**	0.02	0.05	*C01-02*
Mouth	2	0.2	0.3	**0.3**	0.01	0.06	5	0.4	0.6	**0.6**	0.03	0.06	*C03-06*
Salivary glands	3	0.3	0.4	**0.4**	0.02	0.02	8	0.6	1.0	**1.1**	0.10	0.13	*C07-08*
Tonsil	2	0.2	0.3	**0.4**	0.01	0.05	1	0.1	0.1	**0.1**	0.02	0.02	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	4	0.3	0.5	**0.7**	0.07	0.07	2	0.2	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	5	0.4	0.7	**0.9**	0.09	0.09	1	0.1	0.1	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	5	0.4	0.7	**0.9**	0.07	0.11	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	24	2.0	3.1	**3.9**	0.18	0.52	4	0.3	0.5	**0.5**	0.02	0.09	*C15*
Stomach	52	4.4	6.8	**8.6**	0.51	1.00	37	2.8	4.6	**4.5**	0.23	0.46	*C16*
Small intestine	6	0.5	0.8	**0.9**	0.06	0.09	4	0.3	0.5	**0.4**	0.04	0.04	*C17*
Colon	70	5.9	9.2	**10.6**	0.64	1.01	79	6.1	9.9	**10.1**	0.64	1.19	*C18*
Rectum	48	4.1	6.3	**7.6**	0.55	0.86	34	2.6	4.3	**4.3**	0.29	0.44	*C19-20*
Anus	2	0.2	0.3	**0.3**	0.02	0.02	1	0.1	0.1	**0.1**	0.01	0.01	*C21*
Liver	62	5.2	8.1	**9.7**	0.66	1.04	30	2.3	3.8	**3.8**	0.21	0.36	*C22*
Gallbladder etc.	15	1.3	2.0	**2.4**	0.09	0.29	41	3.1	5.1	**5.1**	0.19	0.62	*C23-24*
Pancreas	33	2.8	4.3	**5.4**	0.30	0.55	30	2.3	3.8	**3.8**	0.15	0.44	*C25*
Nose, sinuses etc.	3	0.3	0.4	**0.5**	0.06	0.06	2	0.2	0.3	**0.3**	0.03	0.03	*C30-31*
Larynx	6	0.5	0.8	**1.0**	0.07	0.11	0	0.0	0.0	**0.0**	0.00	0.00	*C32*
Trachea, bronchus and lung	76	6.4	9.9	**12.4**	0.57	1.55	63	4.8	7.9	**8.5**	0.35	1.02	*C33-34*
Other thoracic organs	1	0.1	0.1	**0.1**	0.00	0.00	1	0.1	0.1	**0.1**	0.02	0.02	*C37-38*
Bone	7	0.6	0.9	**1.0**	0.06	0.11	4	0.3	0.5	**0.5**	0.03	0.03	*C40-41*
Melanoma of skin	17	1.4	2.2	**2.5**	0.14	0.26	14	1.1	1.8	**1.7**	0.10	0.20	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	6		0.8	**0.8**	0.04	0.10	*C44*
Mesothelioma	3	0.3	0.4	**0.6**	0.03	0.06	4	0.3	0.5	**0.5**	0.03	0.10	*C45*
Kaposi sarcoma	2	0.2	0.3	**0.3**	0.02	0.02	1	0.1	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	20	1.7	2.6	**2.5**	0.18	0.18	9	0.7	1.1	**1.1**	0.06	0.12	*C47+C49*
Breast	2	0.2	0.3	**0.3**	0.04	0.04	312	24.0	39.0	**41.1**	3.04	4.95	*C50*
Vulva							6	0.5	0.8	**0.8**	0.07	0.10	*C51*
Vagina							1	0.1	0.1	**0.2**	0.02	0.02	*C52*
Cervix uteri							58	4.5	7.3	**7.3**	0.62	0.68	*C53*
Corpus uteri							115	8.8	14.4	**14.9**	1.04	1.70	*C54*
Uterus unspecified							6	0.5	0.8	**0.9**	0.05	0.12	*C55*
Ovary							58	4.5	7.3	**7.4**	0.52	0.84	*C56*
Other female genital organs							3	0.2	0.4	**0.3**	0.02	0.02	*C57*
Placenta							2	0.2	0.3	**0.3**	0.02	0.02	*C58*
Penis	6	0.5	0.8	**0.8**	0.04	0.04							*C60*
Prostate	255	21.6	33.4	**44.0**	1.85	5.92							*C61*
Testis	37	3.1	4.8	**4.6**	0.33	0.33							*C62*
Other male genital organs	1	0.1	0.1	**0.2**	0.00	0.05							*C63*
Kidney	137	11.6	17.9	**21.9**	1.38	2.46	70	5.4	8.8	**9.2**	0.70	1.14	*C64*
Renal pelvis	1	0.1	0.1	**0.1**	0.01	0.01	2	0.2	0.3	**0.2**	0.00	0.04	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.2**	0.00	0.03	*C66*
Bladder	24	2.0	3.1	**3.9**	0.23	0.49	5	0.4	0.6	**0.6**	0.02	0.09	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	4	0.3	0.5	**0.7**	0.04	0.09	1	0.1	0.1	**0.2**	0.02	0.02	*C69*
Brain, nervous system	28	2.4	3.7	**3.9**	0.24	0.35	21	1.6	2.6	**2.6**	0.13	0.26	*C70-72*
Thyroid	16	1.4	2.1	**2.4**	0.16	0.27	69	5.3	8.6	**8.7**	0.72	0.85	*C73*
Adrenal gland	1	0.1	0.1	**0.1**	0.02	0.02	1	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	2	0.2	0.3	**0.3**	0.02	0.02	2	0.2	0.3	**0.2**	0.02	0.02	*C75*
Hodgkin lymphoma	4	0.3	0.5	**0.6**	0.07	0.07	4	0.3	0.5	**0.6**	0.02	0.05	*C81*
Non-Hodgkin lymphoma	52	4.4	6.8	**8.1**	0.48	0.95	53	4.1	6.6	**6.9**	0.41	0.84	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	29	2.5	3.8	**4.8**	0.30	0.58	31	2.4	3.9	**4.1**	0.21	0.50	*C90*
Lymphoid leukaemia	27	2.3	3.5	**3.7**	0.22	0.27	10	0.8	1.3	**1.3**	0.06	0.09	*C91*
Myeloid leukaemia	21	1.8	2.7	**2.8**	0.19	0.19	15	1.2	1.9	**1.9**	0.13	0.19	*C92-94*
Leukaemia unspecified	2	0.2	0.3	**0.3**	0.03	0.03	4	0.3	0.5	**0.5**	0.03	0.03	*C95*
Myeloproliferative disorders	10	0.8	1.3	**1.6**	0.13	0.16	1	0.1	0.1	**0.2**	0.02	0.02	*MPD*
Myelodysplastic syndromes	8	0.7	1.0	**1.3**	0.01	0.10	8	0.6	1.0	**0.9**	0.01	0.11	*MDS*
Other and unspecified	42	3.6	5.5	**6.5**	0.42	0.57	65	5.0	8.1	**8.3**	0.47	0.91	*O&U*
All sites	1182		154.6	**187.4**	10.69	21.23	1308		163.6	**168.8**	11.06	19.24	*C00-96*
All sites except C44	1182	100.0	154.6	**187.4**	10.69	21.23	1302	100.0	162.9	**168.0**	11.02	19.14	*C00-96 exc. C44*

§Includes 1 case of unknown age

USA, Arizona: Asian and Pacific Islander (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	4	0.8	1.0	**1.0**	0.03	0.17	4	0.6	0.9	**0.8**	0.04	0.08	*C01-02*
Mouth	7	1.4	1.8	**2.0**	0.17	0.23	3	0.4	0.7	**0.5**	0.04	0.04	*C03-06*
Salivary glands	1	0.2	0.3	**0.2**	0.02	0.02	2	0.3	0.5	**0.5**	0.00	0.09	*C07-08*
Tonsil	2	0.4	0.5	**0.3**	0.03	0.03	1	0.1	0.2	**0.2**	0.01	0.01	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	4	0.8	1.0	**1.0**	0.05	0.11	3	0.4	0.7	**0.7**	0.05	0.09	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.2	0.3	**0.3**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	7	1.4	1.8	**2.0**	0.08	0.31	2	0.3	0.5	**0.5**	0.03	0.09	*C15*
Stomach	13	2.6	3.4	**3.5**	0.19	0.36	17	2.5	4.0	**3.7**	0.12	0.55	*C16*
Small intestine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C17*
Colon	49	9.7	12.7	**14.2**	0.53	1.54	40	6.0	9.4	**8.1**	0.40	0.89	*C18*
Rectum	22	4.3	5.7	**6.1**	0.30	0.65	22	3.3	5.2	**4.4**	0.29	0.49	*C19-20*
Anus	0	0.0	0.0	**0.0**	0.00	0.00	3	0.4	0.7	**0.6**	0.05	0.05	*C21*
Liver	35	6.9	9.1	**10.5**	0.57	1.29	15	2.2	3.5	**3.1**	0.09	0.34	*C22*
Gallbladder etc.	8	1.6	2.1	**2.3**	0.13	0.25	6	0.9	1.4	**1.3**	0.11	0.17	*C23-24*
Pancreas	13	2.6	3.4	**3.8**	0.15	0.42	11	1.6	2.6	**2.3**	0.10	0.31	*C25*
Nose, sinuses etc.	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	4	0.8	1.0	**1.3**	0.05	0.11	0	0.0	0.0	**0.0**	0.00	0.00	*C32*
Trachea, bronchus and lung	71	14.0	18.5	**20.2**	0.96	2.54	77	11.5	18.1	**16.3**	0.75	2.07	*C33-34*
Other thoracic organs	2	0.4	0.5	**0.6**	0.06	0.06	2	0.3	0.5	**0.4**	0.03	0.03	*C37-38*
Bone	2	0.4	0.5	**0.5**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C40-41*
Melanoma of skin	0	0.0	0.0	**0.0**	0.00	0.00	2	0.3	0.5	**0.4**	0.02	0.07	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	2		0.5	**0.3**	0.02	0.02	*C44*
Mesothelioma	2	0.4	0.5	**0.6**	0.03	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	2	0.4	0.5	**0.4**	0.01	0.01	4	0.6	0.9	**1.0**	0.08	0.08	*C47+C49*
Breast	2	0.4	0.5	**0.6**	0.01	0.01	209	31.2	49.2	**41.9**	3.20	4.67	*C50*
Vulva							1	0.1	0.2	**0.3**	0.03	0.03	*C51*
Vagina							1	0.1	0.2	**0.3**	0.00	0.04	*C52*
Cervix uteri							25	3.7	5.9	**4.5**	0.33	0.51	*C53*
Corpus uteri							35	5.2	8.2	**7.0**	0.58	0.74	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							29	4.3	6.8	**6.1**	0.28	0.80	*C56*
Other female genital organs							3	0.4	0.7	**0.6**	0.05	0.09	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	1	0.2	0.3	**0.3**	0.00	0.08							*C60*
Prostate	120	23.7	31.2	**38.6**	1.52	5.47							*C61*
Testis	2	0.4	0.5	**0.5**	0.03	0.03							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	16	3.2	4.2	**4.9**	0.26	0.59	11	1.6	2.6	**2.2**	0.17	0.22	*C64*
Renal pelvis	1	0.2	0.3	**0.3**	0.00	0.00	3	0.4	0.7	**0.5**	0.00	0.06	*C65*
Ureter	1	0.2	0.3	**0.3**	0.00	0.08	1	0.1	0.2	**0.2**	0.00	0.00	*C66*
Bladder	12	2.4	3.1	**3.2**	0.00	0.25	11	1.6	2.6	**2.1**	0.06	0.23	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	1	0.2	0.3	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	17	3.4	4.4	**5.2**	0.31	0.51	6	0.9	1.4	**1.4**	0.09	0.09	*C70-72*
Thyroid	18	3.6	4.7	**5.0**	0.29	0.49	57	8.5	13.4	**11.2**	0.86	1.17	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.3**	0.00	0.04	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	2	0.4	0.5	**0.5**	0.06	0.06	2	0.3	0.5	**0.6**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	17	3.4	4.4	**5.1**	0.23	0.67	17	2.5	4.0	**3.6**	0.29	0.44	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	9	1.8	2.3	**2.9**	0.12	0.43	5	0.7	1.2	**1.0**	0.05	0.09	*C90*
Lymphoid leukaemia	7	1.4	1.8	**2.3**	0.12	0.12	4	0.6	0.9	**1.2**	0.05	0.09	*C91*
Myeloid leukaemia	7	1.4	1.8	**2.0**	0.07	0.25	8	1.2	1.9	**1.6**	0.12	0.16	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.2**	0.00	0.00	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	3	0.4	0.7	**0.6**	0.03	0.07	*MPD*
Myelodysplastic syndromes	4	0.8	1.0	**1.1**	0.00	0.08	5	0.7	1.2	**1.0**	0.04	0.16	*MDS*
Other and unspecified	20	4.0	5.2	**5.1**	0.36	0.44	17	2.5	4.0	**3.4**	0.20	0.34	*O&U*
All sites	506		131.6	**149.4**	6.82	17.87	671		158.1	**136.7**	8.72	15.55	*C00-96*
All sites except C44	506	100.0	131.6	**149.4**	6.82	17.87	669	100.0	157.6	**136.3**	8.70	15.53	*C00-96 exc. C44*

§Includes 1 case of unknown age

USA, Arizona: Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.1	0.2	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	8	0.5	1.2	**1.7**	0.14	0.24	3	0.2	0.5	**0.4**	0.03	0.03	*C01-02*
Mouth	5	0.3	0.8	**0.9**	0.07	0.11	4	0.3	0.7	**0.7**	0.07	0.07	*C03-06*
Salivary glands	4	0.3	0.6	**0.9**	0.03	0.07	4	0.3	0.7	**0.7**	0.03	0.08	*C07-08*
Tonsil	5	0.3	0.8	**0.9**	0.06	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	1	0.1	0.2	**0.3**	0.03	0.03	3	0.2	0.5	**0.5**	0.04	0.04	*C10*
Nasopharynx	5	0.3	0.8	**0.9**	0.07	0.07	2	0.2	0.3	**0.4**	0.02	0.02	*C11*
Hypopharynx	6	0.4	0.9	**1.3**	0.13	0.17	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	3	0.2	0.5	**0.7**	0.02	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	18	1.2	2.8	**3.5**	0.21	0.39	6	0.5	1.0	**1.1**	0.09	0.14	*C15*
Stomach	47	3.2	7.3	**9.7**	0.39	1.30	20	1.5	3.3	**3.5**	0.19	0.40	*C16*
Small intestine	8	0.5	1.2	**1.8**	0.11	0.27	10	0.8	1.7	**1.8**	0.12	0.22	*C17*
Colon	108	7.3	16.7	**20.6**	1.07	2.60	113	8.6	18.7	**19.6**	1.12	2.33	*C18*
Rectum	40	2.7	6.2	**8.0**	0.58	0.97	28	2.1	4.6	**4.7**	0.33	0.52	*C19-20*
Anus	12	0.8	1.9	**2.0**	0.15	0.25	6	0.5	1.0	**1.0**	0.10	0.10	*C21*
Liver	50	3.4	7.7	**8.9**	0.72	1.08	12	0.9	2.0	**2.2**	0.12	0.30	*C22*
Gallbladder etc.	7	0.5	1.1	**1.4**	0.04	0.09	4	0.3	0.7	**0.7**	0.05	0.09	*C23-24*
Pancreas	40	2.7	6.2	**7.8**	0.40	1.11	51	3.9	8.4	**9.1**	0.55	1.11	*C25*
Nose, sinuses etc.	4	0.3	0.6	**0.9**	0.03	0.15	2	0.2	0.3	**0.4**	0.04	0.04	*C30-31*
Larynx	14	0.9	2.2	**2.7**	0.13	0.27	7	0.5	1.2	**1.5**	0.04	0.20	*C32*
Trachea, bronchus and lung	198	13.4	30.7	**40.4**	1.81	5.02	195	14.8	32.3	**35.8**	1.90	4.69	*C33-34*
Other thoracic organs	1	0.1	0.2	**0.2**	0.00	0.00	1	0.1	0.2	**0.2**	0.02	0.02	*C37-38*
Bone	2	0.1	0.3	**0.4**	0.01	0.05	4	0.3	0.7	**0.7**	0.02	0.10	*C40-41*
Melanoma of skin	4	0.3	0.6	**0.8**	0.02	0.08	3	0.2	0.5	**0.5**	0.04	0.04	*C43*
Other skin	2		0.3	**0.3**	0.03	0.03	2		0.3	**0.3**	0.03	0.03	*C44*
Mesothelioma	4	0.3	0.6	**0.9**	0.00	0.17	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	3	0.2	0.5	**0.4**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	10	0.7	1.5	**1.5**	0.11	0.11	15	1.1	2.5	**2.6**	0.16	0.25	*C47+C49*
Breast	4	0.3	0.6	**0.7**	0.05	0.05	381	29.0	63.0	**66.5**	4.66	7.58	*C50*
Vulva							3	0.2	0.5	**0.5**	0.04	0.04	*C51*
Vagina							0	0.0	0.0	**0.0**	0.00	0.00	*C52*
Cervix uteri							20	1.5	3.3	**3.3**	0.19	0.36	*C53*
Corpus uteri							74	5.6	12.2	**13.5**	0.84	1.59	*C54*
Uterus unspecified							6	0.5	1.0	**1.1**	0.05	0.14	*C55*
Ovary							37	2.8	6.1	**6.5**	0.54	0.67	*C56*
Other female genital organs							1	0.1	0.2	**0.2**	0.02	0.02	*C57*
Placenta							1	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	4	0.3	0.6	**0.9**	0.03	0.07							*C60*
Prostate	539	36.4	83.5	**112.1**	6.73	15.38							*C61*
Testis	5	0.3	0.8	**0.7**	0.05	0.05							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	60	4.1	9.3	**11.0**	0.73	1.34	48	3.7	7.9	**8.5**	0.47	1.04	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.2**	0.00	0.05	*C65*
Ureter	1	0.1	0.2	**0.3**	0.00	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	39	2.6	6.0	**7.5**	0.26	0.76	26	2.0	4.3	**4.8**	0.30	0.63	*C67*
Other urinary organs	1	0.1	0.2	**0.2**	0.02	0.02	1	0.1	0.2	**0.1**	0.01	0.01	*C68*
Eye	3	0.2	0.5	**0.6**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	9	0.6	1.4	**1.7**	0.15	0.19	19	1.4	3.1	**3.2**	0.19	0.23	*C70-72*
Thyroid	6	0.4	0.9	**1.0**	0.07	0.11	44	3.3	7.3	**7.5**	0.63	0.88	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.2**	0.01	0.01	*C74*
Other endocrine	1	0.1	0.2	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	11	0.7	1.7	**1.6**	0.13	0.13	13	1.0	2.2	**2.1**	0.18	0.18	*C81*
Non-Hodgkin lymphoma	57	3.9	8.8	**11.1**	0.74	1.36	34	2.6	5.6	**5.6**	0.30	0.63	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.2**	0.01	0.01	*C88*
Multiple myeloma	36	2.4	5.6	**7.6**	0.47	0.85	27	2.1	4.5	**4.6**	0.16	0.62	*C90*
Lymphoid leukaemia	21	1.4	3.3	**3.8**	0.20	0.29	17	1.3	2.8	**2.7**	0.12	0.21	*C91*
Myeloid leukaemia	19	1.3	2.9	**3.3**	0.21	0.43	11	0.8	1.8	**1.7**	0.05	0.10	*C92-94*
Leukaemia unspecified	2	0.1	0.3	**0.4**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	6	0.4	0.9	**1.1**	0.09	0.09	4	0.3	0.7	**0.7**	0.04	0.09	*MPD*
Myelodysplastic syndromes	5	0.3	0.8	**0.9**	0.03	0.13	8	0.6	1.3	**1.2**	0.06	0.16	*MDS*
Other and unspecified	43	2.9	6.7	**9.1**	0.55	1.17	44	3.3	7.3	**7.9**	0.29	1.05	*O&U*
All sites	1482		229.6	**295.6**	17.03	37.42	1317		217.8	**231.2**	14.28	27.15	*C00-96*
All sites except C44	1480	100.0	229.2	**295.3**	17.00	37.39	1315	100.0	217.5	**230.9**	14.26	27.12	*C00-96 exc. C44*

§Includes 1 case of unknown age

§Includes 1 case of unknown age

USA, Arizona: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	98	0.2	0.7	**0.5**	0.03	0.06	31	0.1	0.2	**0.1**	0.00	0.01	*C00*
Tongue	525	0.9	4.0	**3.0**	0.23	0.36	234	0.4	1.8	**1.1**	0.07	0.13	*C01-02*
Mouth	290	0.5	2.2	**1.6**	0.10	0.21	199	0.4	1.5	**0.8**	0.05	0.09	*C03-06*
Salivary glands	203	0.3	1.5	**1.0**	0.05	0.11	98	0.2	0.7	**0.4**	0.02	0.05	*C07-08*
Tonsil	297	0.5	2.3	**1.8**	0.15	0.21	80	0.1	0.6	**0.4**	0.03	0.05	*C09*
Other oropharynx	80	0.1	0.6	**0.5**	0.03	0.06	46	0.1	0.4	**0.2**	0.01	0.02	*C10*
Nasopharynx	53	0.1	0.4	**0.3**	0.03	0.03	31	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	116	0.2	0.9	**0.6**	0.04	0.08	29	0.1	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	59	0.1	0.4	**0.3**	0.02	0.04	21	0.0	0.2	**0.1**	0.00	0.02	*C14*
Oesophagus	1046	1.8	7.9	**5.3**	0.30	0.67	251	0.5	1.9	**1.0**	0.05	0.12	*C15*
Stomach	906	1.5	6.9	**4.4**	0.23	0.53	507	1.0	3.9	**2.1**	0.10	0.23	*C16*
Small intestine	238	0.4	1.8	**1.2**	0.07	0.16	185	0.3	1.4	**0.8**	0.05	0.10	*C17*
Colon	4063	6.8	30.9	**19.0**	0.85	2.25	3953	7.4	30.2	**14.9**	0.66	1.71	*C18*
Rectum	1787	3.0	13.6	**9.2**	0.53	1.17	1222	2.3	9.3	**5.5**	0.34	0.64	*C19-20*
Anus	139	0.2	1.1	**0.7**	0.05	0.08	227	0.4	1.7	**1.1**	0.09	0.13	*C21*
Liver	1127	1.9	8.6	**6.1**	0.42	0.73	450	0.8	3.4	**2.0**	0.11	0.24	*C22*
Gallbladder etc.	319	0.5	2.4	**1.5**	0.07	0.16	366	0.7	2.8	**1.4**	0.08	0.16	*C23-24*
Pancreas	1524	2.6	11.6	**7.4**	0.37	0.90	1363	2.6	10.4	**5.2**	0.24	0.61	*C25*
Nose, sinuses etc.	95	0.2	0.7	**0.5**	0.03	0.06	62	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	635	1.1	4.8	**3.3**	0.18	0.43	151	0.3	1.2	**0.7**	0.04	0.10	*C32*
Trachea, bronchus and lung	8949	15.0	68.0	**42.8**	1.89	5.50	7816	14.7	59.7	**32.4**	1.51	4.22	*C33-34*
Other thoracic organs	48	0.1	0.4	**0.3**	0.02	0.03	34	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	159	0.3	1.2	**1.1**	0.07	0.09	127	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	2677	4.5	20.3	**13.9**	0.80	1.60	1671	3.1	12.8	**9.0**	0.62	0.93	*C43*
Other skin	197		1.5	**0.9**	0.04	0.09	136		1.0	**0.6**	0.04	0.06	*C44*
Mesothelioma	227	0.4	1.7	**1.0**	0.03	0.12	63	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	66	0.1	0.5	**0.4**	0.03	0.03	6	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	415	0.7	3.2	**2.3**	0.13	0.24	382	0.7	2.9	**2.0**	0.12	0.19	*C47+C49*
Breast	217	0.4	1.6	**1.1**	0.07	0.14	15264	28.6	116.5	**75.8**	5.27	8.90	*C50*
Vulva							273	0.5	2.1	**1.2**	0.07	0.13	*C51*
Vagina							77	0.1	0.6	**0.3**	0.02	0.04	*C52*
Cervix uteri							927	1.7	7.1	**5.7**	0.47	0.55	*C53*
Corpus uteri							2563	4.8	19.6	**12.9**	0.94	1.55	*C54*
Uterus unspecified							111	0.2	0.8	**0.5**	0.03	0.06	*C55*
Ovary							1880	3.5	14.4	**9.0**	0.59	1.05	*C56*
Other female genital organs							94	0.2	0.7	**0.5**	0.04	0.05	*C57*
Placenta							3	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	95	0.2	0.7	**0.5**	0.03	0.06							*C60*
Prostate	16091	27.0	122.3	**84.5**	4.50	11.76							*C61*
Testis	703	1.2	5.3	**5.0**	0.37	0.39							*C62*
Other male genital organs	24	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	2191	3.7	16.7	**11.9**	0.77	1.43	1395	2.6	10.6	**6.7**	0.40	0.79	*C64*
Renal pelvis	111	0.2	0.8	**0.5**	0.02	0.06	86	0.2	0.7	**0.3**	0.01	0.03	*C65*
Ureter	96	0.2	0.7	**0.4**	0.02	0.04	67	0.1	0.5	**0.2**	0.00	0.02	*C66*
Bladder	4452	7.5	33.8	**20.0**	0.82	2.41	1369	2.6	10.5	**5.3**	0.24	0.65	*C67*
Other urinary organs	44	0.1	0.3	**0.2**	0.01	0.02	13	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	108	0.2	0.8	**0.6**	0.04	0.06	110	0.2	0.8	**0.7**	0.04	0.06	*C69*
Brain, nervous system	1020	1.7	7.8	**6.4**	0.39	0.62	846	1.6	6.5	**5.1**	0.33	0.46	*C70-72*
Thyroid	753	1.3	5.7	**4.5**	0.34	0.49	2276	4.3	17.4	**14.3**	1.12	1.38	*C73*
Adrenal gland	35	0.1	0.3	**0.2**	0.01	0.02	34	0.1	0.3	**0.2**	0.01	0.02	*C74*
Other endocrine	27	0.0	0.2	**0.2**	0.01	0.02	7	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	291	0.5	2.2	**1.9**	0.13	0.17	245	0.5	1.9	**1.7**	0.11	0.14	*C81*
Non-Hodgkin lymphoma	2407	4.0	18.3	**12.0**	0.62	1.39	2030	3.8	15.5	**9.0**	0.52	1.02	*C82-85,C96*
Immunoproliferative diseases	33	0.1	0.3	**0.2**	0.01	0.02	26	0.0	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	654	1.1	5.0	**3.2**	0.16	0.39	524	1.0	4.0	**2.2**	0.11	0.26	*C90*
Lymphoid leukaemia	747	1.3	5.7	**4.5**	0.22	0.41	511	1.0	3.9	**2.9**	0.14	0.23	*C91*
Myeloid leukaemia	691	1.2	5.3	**3.6**	0.18	0.39	574	1.1	4.4	**2.8**	0.16	0.27	*C92-94*
Leukaemia unspecified	107	0.2	0.8	**0.4**	0.02	0.03	77	0.1	0.6	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	282	0.5	2.1	**1.4**	0.07	0.16	248	0.5	1.9	**1.0**	0.05	0.11	*MPD*
Myelodysplastic syndromes	571	1.0	4.3	**2.3**	0.05	0.24	418	0.8	3.2	**1.4**	0.05	0.16	*MDS*
Other and unspecified	1735	2.9	13.2	**8.2**	0.41	0.98	1696	3.2	12.9	**6.4**	0.31	0.72	*O&U*
All sites	59823		454.7	**304.7**	16.05	37.71	53485		408.3	**250.7**	15.41	28.71	*C00-96*
All sites except C44	59626	100.0	453.2	**303.8**	16.02	37.62	53349	100.0	407.3	**250.1**	15.38	28.65	*C00-96 exc. C44*

§Includes 13 cases of unknown age

§Includes 22 cases of unknown age

USA, Arkansas

REGISTRATION AREA
The Arkansas Central Cancer Registry (ACCR) covers the state of Arkansas in the south-central USA. At the 2010 census, the population was 2.9 million.

CANCER CARE FACILITIES
General health care is provided by 105 hospitals, including two Veterans Health Administration hospitals. Arkansas also has many surgery centres, clinics, and private physicians. There are 58 non-federal hospitals (31 with cancer registries) and three hospitals with cancer registries approved by the American College of Surgeons.

REGISTRY STRUCTURE AND METHODS
Cancer is a reportable disease in Arkansas, mandated by state law. The ACCR is located within the Arkansas Department of Health (ADH). The registry has 13 full-time positions that are federally funded (through the National Program of Central Cancer Registries) and two full-time positions that are funded by the state (through BreastCare – the Arkansas breast and cervical cancer screening programme). The ACCR uses information from hospitals throughout the state; cases from 27 of these are abstracted by ACCR staff members. The registry also uses information from pathology laboratories, surgery centres, private physicians, hospices, and nursing homes. The ACCR database (CancerCore DBMS v2) was created internally and is used for all registry computer activities. The ACCR receives death certificates and discharge summaries by electronic linkage with the Health Statistics Branch of the ADH.

INTERPRETING THE RESULTS
The ACCR provides data to Arkansas hospitals, treatment centres, and community organizations that offer screening programmes. The registry works with the Arkansas National Breast and Cervical Cancer Early Detection Program (NBCCEDP), which supports screening and diagnostic services for low-income, uninsured, and underserved women. The Colorectal Cancer Screening Program at the University of Arkansas for Medical Sciences (UAMS) is committed to the prevention, early detection, and treatment of colorectal cancer. It services minorities and individuals from underserved communities.

USE OF THE DATA
The ACCR database system includes many pre-defined reports and query tools for analysing cancer registry data. The ACCR has a contract with the Kentucky Cancer Registry for a web-based query system that provides public access to population-based cancer incidence data, which are updated annually.

CONTRIBUTORS
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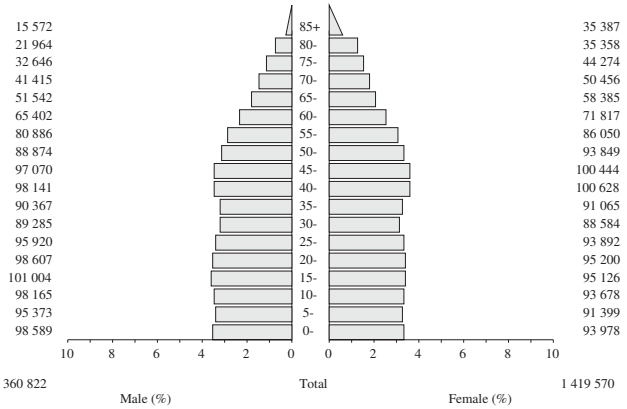
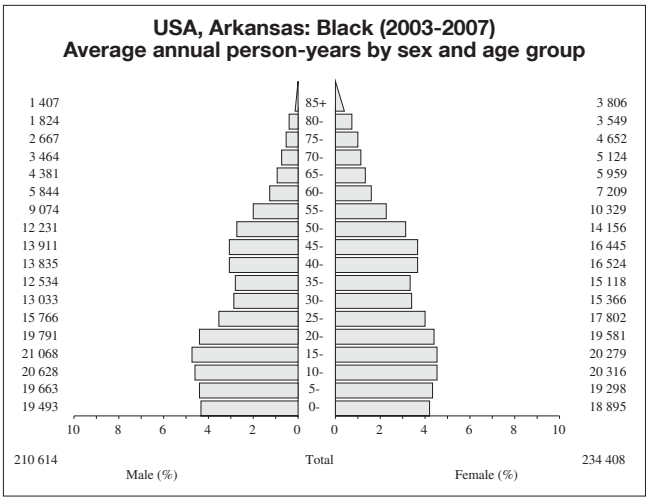
USA, Arkansas (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

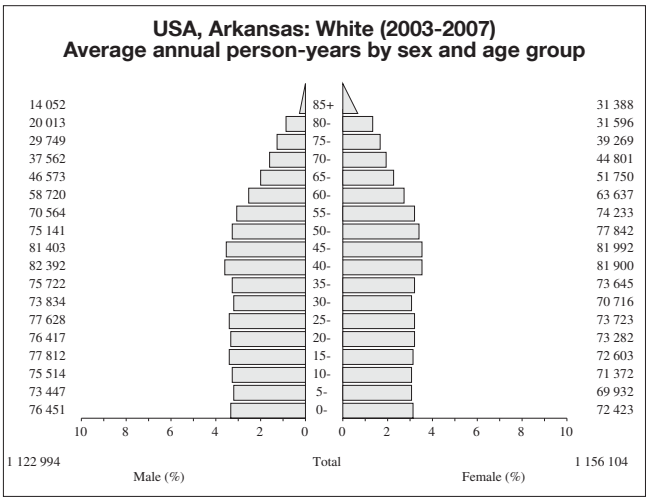
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	108.9	Breast	79.1
Trachea, bronchus and lung	72.1	Trachea, bronchus and lung	41.7
Colon	24.8	Colon	19.1
Bladder	19.4	Corpus uteri	12.9
Non-Hodgkin lymphoma	14.9	Non-Hodgkin lymphoma	10.4
Kidney	14.3	Ovary	8.0
Rectum	12.1	Thyroid	7.8
Melanoma of skin	11.7	Melanoma of skin	7.8
Pancreas	7.7	Kidney	7.8
Other and unspecified	7.2	Cervix uteri	7.6
All sites	377.6	All sites	269.8



USA, ARKANSAS: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	149.2	Breast	74.5
Trachea, bronchus and lung	83.4	Trachea, bronchus and lung	33.5
Colon	34.3	Colon	26.5
Kidney	15.1	Corpus uteri	11.8
Rectum	12.3	Kidney	8.9
Pancreas	10.9	Cervix uteri	8.8
Non-Hodgkin lymphoma	10.4	Rectum	8.0
Stomach	10.2	Pancreas	8.0
Other and unspecified	9.8	Other and unspecified	7.2
Multiple myeloma	9.7	Non-Hodgkin lymphoma	6.7
All sites	420.1	All sites	258.7



USA, ARKANSAS: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	103.3	Breast	79.4
Trachea, bronchus and lung	71.3	Trachea, bronchus and lung	43.0
Colon	23.8	Colon	18.1
Bladder	20.6	Corpus uteri	13.2
Non-Hodgkin lymphoma	15.3	Non-Hodgkin lymphoma	10.8
Kidney	14.3	Melanoma of skin	9.0
Melanoma of skin	13.0	Ovary	8.4
Rectum	12.2	Thyroid	8.4
Pancreas	7.4	Kidney	7.6
Other and unspecified	6.9	Cervix uteri	7.5
All sites	372.1	All sites	271.7

USA, Arkansas (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	124	0.3	1.8	**1.2**	0.07	0.14	26	0.1	0.4	**0.1**	0.00	0.01	*C00*
Tongue	298	0.8	4.4	**3.2**	0.25	0.36	145	0.5	2.0	**1.2**	0.08	0.15	*C01-02*
Mouth	193	0.5	2.8	**1.9**	0.12	0.23	143	0.5	2.0	**1.0**	0.05	0.11	*C03-06*
Salivary glands	93	0.2	1.4	**0.8**	0.04	0.08	64	0.2	0.9	**0.6**	0.03	0.06	*C07-08*
Tonsil	256	0.7	3.8	**2.8**	0.23	0.32	75	0.2	1.1	**0.7**	0.05	0.08	*C09*
Other oropharynx	56	0.1	0.8	**0.6**	0.05	0.08	19	0.1	0.3	**0.1**	0.01	0.02	*C10*
Nasopharynx	48	0.1	0.7	**0.5**	0.04	0.05	21	0.1	0.3	**0.2**	0.01	0.03	*C11*
Hypopharynx	81	0.2	1.2	**0.8**	0.06	0.11	24	0.1	0.3	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	23	0.1	0.3	**0.3**	0.02	0.03	9	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	488	1.3	7.2	**4.9**	0.29	0.62	146	0.5	2.1	**1.1**	0.06	0.14	*C15*
Stomach	590	1.5	8.7	**5.7**	0.32	0.70	349	1.1	4.9	**2.6**	0.15	0.31	*C16*
Small intestine	161	0.4	2.4	**1.6**	0.10	0.19	153	0.5	2.2	**1.2**	0.08	0.14	*C17*
Colon	2638	6.8	38.8	**24.8**	1.28	2.96	2694	8.5	38.0	**19.1**	1.00	2.19	*C18*
Rectum	1216	3.2	17.9	**12.1**	0.74	1.48	892	2.8	12.6	**7.2**	0.44	0.83	*C19-20*
Anus	92	0.2	1.4	**0.9**	0.07	0.10	160	0.5	2.3	**1.4**	0.10	0.16	*C21*
Liver	505	1.3	7.4	**5.1**	0.33	0.60	209	0.7	2.9	**1.7**	0.09	0.20	*C22*
Gallbladder etc.	141	0.4	2.1	**1.3**	0.06	0.16	198	0.6	2.8	**1.3**	0.07	0.16	*C23-24*
Pancreas	826	2.1	12.1	**7.7**	0.40	0.93	795	2.5	11.2	**5.5**	0.27	0.64	*C25*
Nose, sinuses etc.	54	0.1	0.8	**0.6**	0.03	0.06	51	0.2	0.7	**0.4**	0.02	0.05	*C30-31*
Larynx	618	1.6	9.1	**6.2**	0.43	0.76	163	0.5	2.3	**1.5**	0.11	0.20	*C32*
Trachea, bronchus and lung	7638	19.8	112.3	**72.1**	3.65	9.17	5153	16.3	72.6	**41.7**	2.31	5.46	*C33-34*
Other thoracic organs	38	0.1	0.6	**0.4**	0.03	0.05	22	0.1	0.3	**0.2**	0.02	0.03	*C37-38*
Bone	53	0.1	0.8	**0.7**	0.05	0.06	64	0.2	0.9	**0.9**	0.05	0.06	*C40-41*
Melanoma of skin	1167	3.0	17.2	**11.7**	0.70	1.32	809	2.6	11.4	**7.8**	0.53	0.80	*C43*
Other skin	116		1.7	**1.1**	0.06	0.12	85		1.2	**0.7**	0.05	0.07	*C44*
Mesothelioma	93	0.2	1.4	**0.8**	0.03	0.09	16	0.1	0.2	**0.1**	0.01	0.02	*C45*
Kaposi sarcoma	30	0.1	0.4	**0.3**	0.01	0.02	10	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	240	0.6	3.5	**2.8**	0.16	0.25	215	0.7	3.0	**2.2**	0.14	0.19	*C47+C49*
Breast	90	0.2	1.3	**0.9**	0.05	0.10	8769	27.7	123.5	**79.1**	5.59	9.20	*C50*
Vulva							215	0.7	3.0	**1.9**	0.12	0.20	*C51*
Vagina							64	0.2	0.9	**0.5**	0.03	0.06	*C52*
Cervix uteri							704	2.2	9.9	**7.6**	0.60	0.73	*C53*
Corpus uteri							1468	4.6	20.7	**12.9**	0.90	1.57	*C54*
Uterus unspecified							53	0.2	0.7	**0.4**	0.03	0.05	*C55*
Ovary							940	3.0	13.2	**8.0**	0.52	0.91	*C56*
Other female genital organs							42	0.1	0.6	**0.4**	0.03	0.05	*C57*
Placenta							3	0.0	0.0	**0.1**	0.00	0.00	*C58*
Penis	65	0.2	1.0	**0.7**	0.04	0.09							*C60*
Prostate	11266	29.2	165.6	**108.9**	5.32	15.00							*C61*
Testis	288	0.7	4.2	**4.0**	0.30	0.32							*C62*
Other male genital organs	7	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	1394	3.6	20.5	**14.3**	0.88	1.71	878	2.8	12.4	**7.8**	0.50	0.93	*C64*
Renal pelvis	42	0.1	0.6	**0.4**	0.02	0.04	33	0.1	0.5	**0.2**	0.01	0.02	*C65*
Ureter	62	0.2	0.9	**0.5**	0.02	0.06	27	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	2178	5.6	32.0	**19.4**	0.77	2.32	746	2.4	10.5	**5.0**	0.24	0.59	*C67*
Other urinary organs	21	0.1	0.3	**0.2**	0.01	0.03	8	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	49	0.1	0.7	**0.6**	0.03	0.06	47	0.1	0.7	**0.5**	0.03	0.04	*C69*
Brain, nervous system	525	1.4	7.7	**6.1**	0.37	0.61	444	1.4	6.3	**4.9**	0.29	0.48	*C70-72*
Thyroid	271	0.7	4.0	**3.0**	0.22	0.35	689	2.2	9.7	**7.8**	0.60	0.76	*C73*
Adrenal gland	19	0.0	0.3	**0.3**	0.01	0.02	26	0.1	0.4	**0.3**	0.02	0.03	*C74*
Other endocrine	15	0.0	0.2	**0.2**	0.01	0.02	8	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	218	0.6	3.2	**2.8**	0.18	0.24	155	0.5	2.2	**1.9**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	1500	3.9	22.0	**14.9**	0.82	1.70	1296	4.1	18.3	**10.4**	0.59	1.22	*C82-85,C96*
Immunoproliferative diseases	15	0.0	0.2	**0.1**	0.01	0.01	13	0.0	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	500	1.3	7.3	**4.8**	0.26	0.62	370	1.2	5.2	**2.9**	0.15	0.37	*C90*
Lymphoid leukaemia	502	1.3	7.4	**5.5**	0.30	0.56	314	1.0	4.4	**2.9**	0.13	0.26	*C91*
Myeloid leukaemia	435	1.1	6.4	**4.4**	0.22	0.46	402	1.3	5.7	**3.5**	0.21	0.35	*C92-94*
Leukaemia unspecified	31	0.1	0.5	**0.2**	0.01	0.01	37	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	224	0.6	3.3	**2.3**	0.15	0.24	162	0.5	2.3	**1.4**	0.08	0.16	*MPD*
Myelodysplastic syndromes	339	0.9	5.0	**2.8**	0.09	0.32	255	0.8	3.6	**1.8**	0.08	0.21	*MDS*
Other and unspecified	760	2.0	11.2	**7.2**	0.42	0.79	857	2.7	12.1	**5.9**	0.28	0.68	*O&U*
All sites	38692		568.7	**377.6**	20.13	46.71	31735		447.1	**269.8**	16.93	31.23	*C00-96*
All sites except C44	38576	100.0	567.0	**376.5**	20.07	46.60	31650	100.0	445.9	**269.1**	16.88	31.16	*C00-96 exc. C44*

§Includes 4 cases of unknown age

§Includes 2 cases of unknown age

USA, Arkansas: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	19	0.5	1.8	**1.8**	0.18	0.18	11	0.3	0.9	**0.8**	0.04	0.09	*C01-02*
Mouth	17	0.4	1.6	**1.8**	0.10	0.26	10	0.3	0.9	**0.5**	0.04	0.04	*C03-06*
Salivary glands	5	0.1	0.5	**0.4**	0.01	0.01	7	0.2	0.6	**0.5**	0.03	0.05	*C07-08*
Tonsil	18	0.4	1.7	**1.8**	0.18	0.20	6	0.2	0.5	**0.5**	0.04	0.07	*C09*
Other oropharynx	6	0.1	0.6	**0.5**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	9	0.2	0.9	**0.8**	0.07	0.07	3	0.1	0.3	**0.3**	0.01	0.03	*C11*
Hypopharynx	12	0.3	1.1	**1.3**	0.07	0.21	4	0.1	0.3	**0.3**	0.03	0.03	*C12-13*
Pharynx unspecified	2	0.0	0.2	**0.2**	0.02	0.02	2	0.1	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	80	1.9	7.6	**7.9**	0.46	0.93	31	0.9	2.6	**2.3**	0.12	0.31	*C15*
Stomach	109	2.6	10.4	**10.2**	0.61	1.16	91	2.5	7.8	**6.4**	0.37	0.80	*C16*
Small intestine	18	0.4	1.7	**1.8**	0.11	0.24	33	0.9	2.8	**2.3**	0.18	0.25	*C17*
Colon	350	8.4	33.2	**34.3**	2.04	4.22	407	11.3	34.7	**26.5**	1.64	2.98	*C18*
Rectum	123	2.9	11.7	**12.3**	0.79	1.54	119	3.3	10.2	**8.0**	0.59	0.86	*C19-20*
Anus	12	0.3	1.1	**1.2**	0.10	0.15	10	0.3	0.9	**0.7**	0.05	0.08	*C21*
Liver	64	1.5	6.1	**6.4**	0.36	0.81	25	0.7	2.1	**1.7**	0.10	0.20	*C22*
Gallbladder etc.	11	0.3	1.0	**1.0**	0.05	0.08	26	0.7	2.2	**1.8**	0.09	0.22	*C23-24*
Pancreas	114	2.7	10.8	**10.9**	0.56	1.30	126	3.5	10.8	**8.0**	0.44	0.86	*C25*
Nose, sinuses etc.	5	0.1	0.5	**0.6**	0.05	0.07	2	0.1	0.2	**0.1**	0.01	0.03	*C30-31*
Larynx	87	2.1	8.3	**8.7**	0.67	1.08	18	0.5	1.5	**1.4**	0.14	0.14	*C32*
Trachea, bronchus and lung	824	19.7	78.2	**83.4**	5.05	10.44	454	12.6	38.7	**33.5**	2.34	4.17	*C33-34*
Other thoracic organs	4	0.1	0.4	**0.4**	0.02	0.05	4	0.1	0.3	**0.4**	0.05	0.05	*C37-38*
Bone	6	0.1	0.6	**0.6**	0.05	0.08	12	0.3	1.0	**1.0**	0.05	0.07	*C40-41*
Melanoma of skin	7	0.2	0.7	**0.8**	0.06	0.11	6	0.2	0.5	**0.5**	0.04	0.04	*C43*
Other skin	10		0.9	**0.9**	0.07	0.10	13		1.1	**1.0**	0.07	0.11	*C44*
Mesothelioma	7	0.2	0.7	**0.7**	0.01	0.09	1	0.0	0.1	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	3	0.1	0.3	**0.2**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	30	0.7	2.8	**2.8**	0.17	0.23	31	0.9	2.6	**2.6**	0.16	0.25	*C47+C49*
Breast	11	0.3	1.0	**1.0**	0.08	0.08	994	27.6	84.8	**74.5**	5.57	8.53	*C50*
Vulva							24	0.7	2.0	**1.6**	0.10	0.18	*C51*
Vagina							12	0.3	1.0	**0.8**	0.05	0.08	*C52*
Cervix uteri							125	3.5	10.7	**8.8**	0.60	0.89	*C53*
Corpus uteri							165	4.6	14.1	**11.8**	0.73	1.42	*C54*
Uterus unspecified							13	0.4	1.1	**0.8**	0.04	0.08	*C55*
Ovary							78	2.2	6.7	**5.9**	0.36	0.70	*C56*
Other female genital organs							5	0.1	0.4	**0.3**	0.03	0.03	*C57*
Placenta							1	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	4	0.1	0.4	**0.4**	0.02	0.07							*C60*
Prostate	1442	34.5	136.9	**149.2**	8.03	19.88							*C61*
Testis	15	0.4	1.4	**1.4**	0.11	0.11							*C62*
Other male genital organs	3	0.1	0.3	**0.3**	0.03	0.03							*C63*
Kidney	149	3.6	14.1	**15.1**	1.01	1.83	115	3.2	9.8	**8.9**	0.59	1.08	*C64*
Renal pelvis	2	0.0	0.2	**0.3**	0.02	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C65*
Ureter	4	0.1	0.4	**0.5**	0.04	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	76	1.8	7.2	**7.3**	0.32	0.94	55	1.5	4.7	**3.3**	0.15	0.39	*C67*
Other urinary organs	2	0.0	0.2	**0.2**	0.02	0.02	2	0.1	0.2	**0.1**	0.00	0.00	*C68*
Eye	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	53	1.3	5.0	**4.9**	0.33	0.44	44	1.2	3.8	**3.8**	0.22	0.35	*C70-72*
Thyroid	10	0.2	0.9	**1.1**	0.05	0.14	74	2.1	6.3	**5.6**	0.43	0.58	*C73*
Adrenal gland	4	0.1	0.4	**0.4**	0.01	0.04	3	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	3	0.1	0.3	**0.2**	0.01	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	25	0.6	2.4	**2.4**	0.13	0.17	26	0.7	2.2	**2.1**	0.15	0.17	*C81*
Non-Hodgkin lymphoma	104	2.5	9.9	**10.4**	0.64	1.32	90	2.5	7.7	**6.7**	0.48	0.71	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	102	2.4	9.7	**9.7**	0.59	1.22	86	2.4	7.3	**6.0**	0.29	0.80	*C90*
Lymphoid leukaemia	41	1.0	3.9	**4.2**	0.22	0.42	31	0.9	2.6	**2.2**	0.08	0.25	*C91*
Myeloid leukaemia	41	1.0	3.9	**3.7**	0.20	0.36	43	1.2	3.7	**3.2**	0.18	0.36	*C92-94*
Leukaemia unspecified	7	0.2	0.7	**0.5**	0.02	0.02	4	0.1	0.3	**0.2**	0.01	0.03	*C95*
Myeloproliferative disorders	19	0.5	1.8	**1.8**	0.11	0.16	18	0.5	1.5	**1.3**	0.09	0.12	*MPD*
Myelodysplastic syndromes	19	0.5	1.8	**1.7**	0.04	0.23	30	0.8	2.6	**2.0**	0.12	0.23	*MDS*
Other and unspecified	104	2.5	9.9	**9.8**	0.59	1.06	117	3.3	10.0	**7.2**	0.33	0.87	*O&U*
All sites	4193		398.2	**420.1**	24.55	52.34	3610		308.0	**258.7**	17.26	29.65	*C00-96*
All sites except C44	4183	100.0	397.2	**419.2**	24.48	52.24	3597	100.0	306.9	**257.8**	17.19	29.54	*C00-96 exc. C44*

USA, Arkansas: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	122	0.4	2.2	**1.3**	0.08	0.16	25	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	276	0.8	4.9	**3.4**	0.26	0.38	132	0.5	2.3	**1.3**	0.09	0.16	*C01-02*
Mouth	171	0.5	3.0	**1.9**	0.13	0.23	131	0.5	2.3	**1.1**	0.06	0.13	*C03-06*
Salivary glands	86	0.3	1.5	**0.9**	0.04	0.09	57	0.2	1.0	**0.6**	0.03	0.06	*C07-08*
Tonsil	238	0.7	4.2	**3.0**	0.25	0.35	68	0.2	1.2	**0.7**	0.06	0.08	*C09*
Other oropharynx	50	0.1	0.9	**0.6**	0.05	0.08	19	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	35	0.1	0.6	**0.5**	0.03	0.05	18	0.1	0.3	**0.2**	0.01	0.03	*C11*
Hypopharynx	69	0.2	1.2	**0.8**	0.06	0.10	20	0.1	0.3	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	20	0.1	0.4	**0.3**	0.02	0.03	7	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	407	1.2	7.2	**4.5**	0.26	0.59	115	0.4	2.0	**1.0**	0.05	0.12	*C15*
Stomach	475	1.4	8.5	**5.1**	0.28	0.64	252	0.9	4.4	**2.1**	0.12	0.24	*C16*
Small intestine	143	0.4	2.5	**1.6**	0.10	0.19	120	0.4	2.1	**1.1**	0.07	0.13	*C17*
Colon	2264	6.7	40.3	**23.8**	1.18	2.83	2265	8.2	39.2	**18.1**	0.90	2.08	*C18*
Rectum	1088	3.2	19.4	**12.2**	0.74	1.48	760	2.7	13.1	**7.0**	0.42	0.82	*C19-20*
Anus	80	0.2	1.4	**0.9**	0.07	0.10	148	0.5	2.6	**1.6**	0.11	0.18	*C21*
Liver	427	1.3	7.6	**4.8**	0.32	0.57	176	0.6	3.0	**1.6**	0.08	0.19	*C22*
Gallbladder etc.	129	0.4	2.3	**1.3**	0.06	0.17	171	0.6	3.0	**1.3**	0.06	0.15	*C23-24*
Pancreas	706	2.1	12.6	**7.4**	0.38	0.89	664	2.4	11.5	**5.2**	0.25	0.61	*C25*
Nose, sinuses etc.	48	0.1	0.9	**0.6**	0.03	0.06	49	0.2	0.8	**0.5**	0.03	0.05	*C30-31*
Larynx	529	1.6	9.4	**6.0**	0.41	0.73	144	0.5	2.5	**1.5**	0.10	0.20	*C32*
Trachea, bronchus and lung	6783	20.0	120.8	**71.3**	3.52	9.10	4665	16.9	80.7	**43.0**	2.34	5.65	*C33-34*
Other thoracic organs	32	0.1	0.6	**0.4**	0.03	0.04	17	0.1	0.3	**0.2**	0.02	0.03	*C37-38*
Bone	46	0.1	0.8	**0.7**	0.05	0.06	52	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	1143	3.4	20.4	**13.0**	0.80	1.47	790	2.9	13.7	**9.0**	0.62	0.92	*C43*
Other skin	104		1.9	**1.1**	0.05	0.12	71		1.2	**0.7**	0.04	0.07	*C44*
Mesothelioma	84	0.2	1.5	**0.8**	0.03	0.09	15	0.1	0.3	**0.1**	0.01	0.02	*C45*
Kaposi sarcoma	25	0.1	0.4	**0.2**	0.01	0.02	9	0.0	0.2	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	205	0.6	3.7	**2.8**	0.16	0.25	183	0.7	3.2	**2.2**	0.14	0.19	*C47+C49*
Breast	78	0.2	1.4	**0.9**	0.05	0.10	7641	27.6	132.2	**79.4**	5.59	9.27	*C50*
Vulva							187	0.7	3.2	**1.9**	0.13	0.20	*C51*
Vagina							52	0.2	0.9	**0.5**	0.02	0.05	*C52*
Cervix uteri							565	2.0	9.8	**7.5**	0.60	0.71	*C53*
Corpus uteri							1285	4.6	22.2	**13.2**	0.93	1.60	*C54*
Uterus unspecified							38	0.1	0.7	**0.4**	0.02	0.04	*C55*
Ovary							853	3.1	14.8	**8.4**	0.55	0.95	*C56*
Other female genital organs							37	0.1	0.6	**0.4**	0.03	0.05	*C57*
Placenta							2	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	61	0.2	1.1	**0.7**	0.04	0.09							*C60*
Prostate	9591	28.3	170.8	**103.3**	4.95	14.31							*C61*
Testis	268	0.8	4.8	**4.5**	0.34	0.36							*C62*
Other male genital organs	4	0.0	0.1	**0.0**	0.00	0.00							*C63*
Kidney	1236	3.6	22.0	**14.3**	0.88	1.72	753	2.7	13.0	**7.6**	0.49	0.91	*C64*
Renal pelvis	40	0.1	0.7	**0.4**	0.02	0.05	32	0.1	0.6	**0.2**	0.01	0.02	*C65*
Ureter	58	0.2	1.0	**0.5**	0.02	0.06	27	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	2073	6.1	36.9	**20.6**	0.82	2.46	679	2.5	11.7	**5.2**	0.25	0.62	*C67*
Other urinary organs	19	0.1	0.3	**0.2**	0.01	0.03	6	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	47	0.1	0.8	**0.6**	0.04	0.06	46	0.2	0.8	**0.6**	0.03	0.05	*C69*
Brain, nervous system	463	1.4	8.2	**6.2**	0.37	0.62	394	1.4	6.8	**5.0**	0.30	0.50	*C70-72*
Thyroid	256	0.8	4.6	**3.3**	0.24	0.37	606	2.2	10.5	**8.4**	0.64	0.80	*C73*
Adrenal gland	15	0.0	0.3	**0.2**	0.02	0.02	23	0.1	0.4	**0.3**	0.02	0.03	*C74*
Other endocrine	12	0.0	0.2	**0.3**	0.01	0.02	7	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	189	0.6	3.4	**2.8**	0.19	0.25	127	0.5	2.2	**1.8**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	1370	4.0	24.4	**15.3**	0.84	1.74	1181	4.3	20.4	**10.8**	0.60	1.26	*C82-85,C96*
Immunoproliferative diseases	15	0.0	0.3	**0.2**	0.01	0.02	13	0.0	0.2	**0.1**	0.01	0.02	*C88*
Multiple myeloma	388	1.1	6.9	**4.2**	0.22	0.54	279	1.0	4.8	**2.4**	0.12	0.31	*C90*
Lymphoid leukaemia	451	1.3	8.0	**5.7**	0.31	0.58	277	1.0	4.8	**3.0**	0.14	0.26	*C91*
Myeloid leukaemia	388	1.1	6.9	**4.4**	0.22	0.46	352	1.3	6.1	**3.5**	0.21	0.35	*C92-94*
Leukaemia unspecified	23	0.1	0.4	**0.2**	0.01	0.01	33	0.1	0.6	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	198	0.6	3.5	**2.3**	0.15	0.25	137	0.5	2.4	**1.4**	0.07	0.16	*MPD*
Myelodysplastic syndromes	319	0.9	5.7	**2.9**	0.10	0.33	222	0.8	3.8	**1.8**	0.07	0.21	*MDS*
Other and unspecified	651	1.9	11.6	**6.9**	0.40	0.76	733	2.7	12.7	**5.7**	0.27	0.66	*O&U*
All sites	33998		605.5	**372.1**	19.61	46.05	27730		479.7	**271.7**	16.95	31.48	*C00-96*
All sites except C44	33894	100.0	603.6	**371.1**	19.56	45.94	27659	100.0	478.5	**271.0**	16.90	31.42	*C00-96 exc. C44*

§Includes 4 cases of unknown age

§Includes 1 case of unknown age

USA, California

REGISTRATION AREA

The California Cancer Registry (CCR) covers the state of California, with a population of more than 37 million, making it the most populous state in the USA. California is the third largest state, covering more than 155 000 square miles.

CANCER CARE FACILITIES

California has 380 inpatient facilities throughout the state that provide cancer care. Of these, 153 are approved by the American College of Surgeons, 218 are hospitals without a cancer registry, eight are Veterans Health Administration hospitals, and one is an Indian Health Service (IHS) hospital. California also has 308 independent surgery centres and 42 independent radiation therapy centres.

REGISTRY STRUCTURE AND METHODS

The CCR is a programme of the California Department of Public Health's Cancer Surveillance and Research Branch (CSRB), located in Sacramento, California. The CCR is a statewide population-based cancer surveillance system composed of regional registries, health care providers, registrars, and researchers. Provisions of the California Health and Safety Code mandated the establishment of a statewide system of cancer reporting. All hospitals and facilities in the state report cancer cases to the CCR electronically. Physicians who practise independently of a group also report cancer cases to the CCR – including surgeons who diagnose or treat cancer patients in their offices. The CCR also receives reports from pathology laboratories, outpatient surgery centres, and free-standing radiation facilities.

INTERPRETING THE RESULTS

The only organized screening programme in California during 2003–2007 was the Every Woman Counts/ National Breast and Cervical Cancer Early Detection Program.

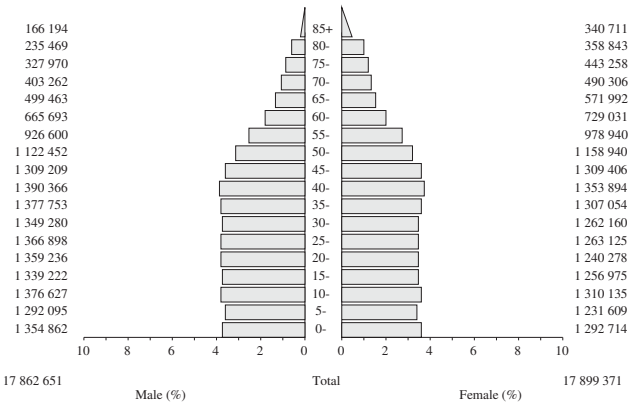
USE OF THE DATA

The CCR monitors the incidence and mortality of specific cancers over time and analyses differential cancer risks by geographical region, race/ethnicity, and other social characteristics. The CSRB analyses and disseminates information on cancer incidence and mortality. The system is also designed to monitor patient survival. The CCR produces an annual report on incidence and mortality, and collaborates with the American Cancer Society to produce *California Cancer Facts and Figures*. Reports are published online. The CSRB conducts and collaborates on special research projects concerning the etiology, treatment, and prevention of specific cancers. CCR data are provided to research institutions that seek to better understand the causes and control of cancer. The data are also used to address public concerns and questions. The CCR monitors the amount of cancer and cancer incidence trends by geographical area and time to detect potential problems of public health significance in occupational settings and the environment, and to assist in the investigation of such problems.

CONTRIBUTOR

Kurt Snipes

USA, California (2003-2007)
Average annual person-years by sex and age group

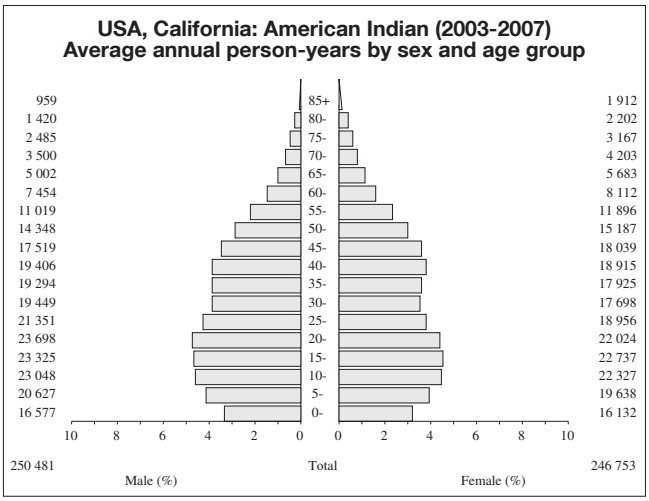


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

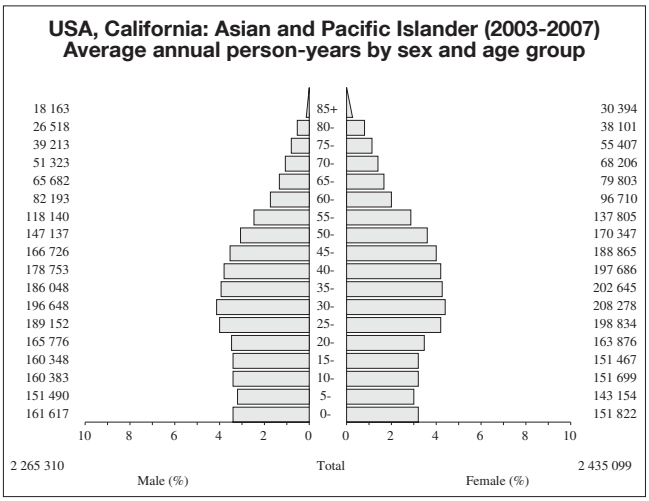
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	100.8	Breast	86.1
Trachea, bronchus and lung	38.8	Trachea, bronchus and lung	29.0
Colon	21.1	Colon	16.8
Bladder	18.9	Corpus uteri	15.8
Melanoma of skin	16.7	Melanoma of skin	11.2
Non-Hodgkin lymphoma	15.0	Thyroid	11.1
Kidney	11.3	Non-Hodgkin lymphoma	10.3
Rectum	10.5	Ovary	9.3
Liver	9.0	Rectum	6.5
Pancreas	7.7	Cervix uteri	6.5
All sites	334.2	All sites	269.2



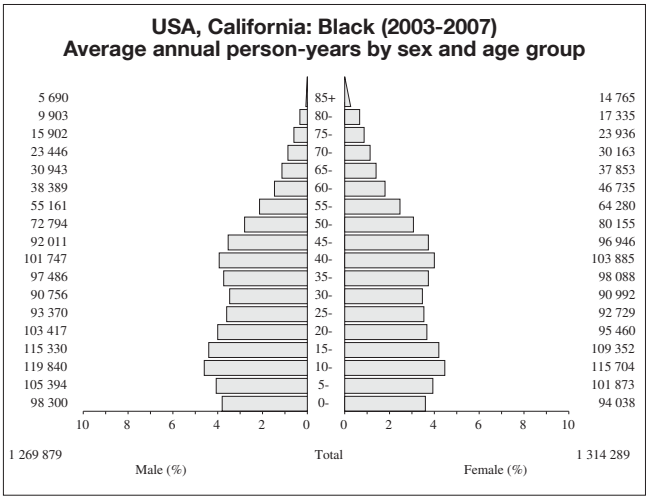
USA, CALIFORNIA: AMERICAN INDIAN
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	30.3	Breast	25.8
Trachea, bronchus and lung	15.9	Trachea, bronchus and lung	13.2
Liver	8.4	Corpus uteri	7.1
Colon	7.5	Colon	6.7
Kidney	6.7	Ovary	3.9
Bladder	5.2	Other and unspecified	3.9
Non-Hodgkin lymphoma	5.0	Kidney	3.7
Rectum	3.9	Non-Hodgkin lymphoma	3.2
Stomach	3.3	Thyroid	3.1
Melanoma of skin	3.1	Cervix uteri	3.1
All sites	120.1	All sites	100.8



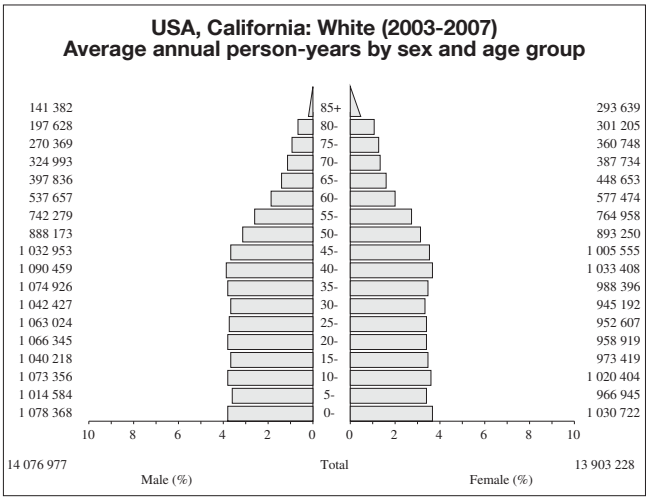
USA, CALIFORNIA: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	52.0	Breast	62.7
Trachea, bronchus and lung	30.0	Trachea, bronchus and lung	16.3
Liver	16.8	Colon	14.6
Colon	16.6	Corpus uteri	11.9
Rectum	10.7	Thyroid	11.2
Stomach	10.0	Non-Hodgkin lymphoma	7.1
Non-Hodgkin lymphoma	9.5	Ovary	7.0
Bladder	7.8	Rectum	6.6
Kidney	5.5	Stomach	6.0
Pancreas	5.3	Cervix uteri	5.9
All sites	209.9	All sites	192.7



USA, CALIFORNIA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	153.3	Breast	84.5
Trachea, bronchus and lung	57.4	Trachea, bronchus and lung	36.7
Colon	29.8	Colon	24.6
Kidney	14.1	Corpus uteri	14.0
Bladder	13.0	Pancreas	8.8
Non-Hodgkin lymphoma	12.1	Non-Hodgkin lymphoma	8.2
Liver	11.7	Ovary	7.2
Rectum	10.5	Other and unspecified	6.9
Pancreas	10.2	Rectum	6.8
Multiple myeloma	9.1	Kidney	6.4
All sites	398.5	All sites	268.9



USA, CALIFORNIA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	99.0	Breast	89.4
Trachea, bronchus and lung	38.7	Trachea, bronchus and lung	30.5
Colon	20.9	Colon	16.4
Bladder	20.7	Corpus uteri	16.4
Melanoma of skin	19.3	Melanoma of skin	13.0
Non-Hodgkin lymphoma	15.7	Thyroid	11.3
Kidney	11.9	Non-Hodgkin lymphoma	10.6
Rectum	10.3	Ovary	9.8
Pancreas	7.8	Cervix uteri	6.7
Liver	7.5	Rectum	6.4
All sites	339.2	All sites	278.4

USA, California (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	912	0.2	1.0	**0.8**	0.04	0.09	326	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	3237	0.9	3.6	**3.0**	0.22	0.38	1509	0.4	1.7	**1.2**	0.07	0.14	*C01-02*
Mouth	1666	0.4	1.9	**1.5**	0.09	0.18	1274	0.4	1.4	**0.9**	0.05	0.10	*C03-06*
Salivary glands	1249	0.3	1.4	**1.1**	0.06	0.11	886	0.3	1.0	**0.7**	0.04	0.08	*C07-08*
Tonsil	2147	0.6	2.4	**2.0**	0.17	0.24	519	0.1	0.6	**0.4**	0.03	0.05	*C09*
Other oropharynx	386	0.1	0.4	**0.4**	0.02	0.05	154	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	933	0.3	1.0	**0.9**	0.07	0.10	424	0.1	0.5	**0.4**	0.03	0.04	*C11*
Hypopharynx	766	0.2	0.9	**0.7**	0.04	0.09	215	0.1	0.2	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	217	0.1	0.2	**0.2**	0.01	0.02	106	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	4834	1.3	5.4	**4.2**	0.21	0.52	1569	0.4	1.8	**1.0**	0.05	0.13	*C15*
Stomach	7963	2.1	8.9	**6.8**	0.32	0.79	5322	1.5	5.9	**3.6**	0.19	0.41	*C16*
Small intestine	1466	0.4	1.6	**1.3**	0.07	0.15	1238	0.4	1.4	**0.9**	0.05	0.11	*C17*
Colon	24868	6.7	27.8	**21.1**	0.96	2.47	25892	7.4	28.9	**16.8**	0.80	1.90	*C18*
Rectum	11784	3.2	13.2	**10.5**	0.60	1.28	8981	2.6	10.0	**6.5**	0.39	0.75	*C19-20*
Anus	1184	0.3	1.3	**1.1**	0.07	0.12	1673	0.5	1.9	**1.3**	0.09	0.15	*C21*
Liver	9821	2.6	11.0	**9.0**	0.61	1.10	4013	1.1	4.5	**2.9**	0.15	0.36	*C22*
Gallbladder etc.	2097	0.6	2.3	**1.7**	0.07	0.20	2756	0.8	3.1	**1.8**	0.09	0.21	*C23-24*
Pancreas	8998	2.4	10.1	**7.7**	0.37	0.91	9406	2.7	10.5	**6.0**	0.27	0.70	*C25*
Nose, sinuses etc.	663	0.2	0.7	**0.6**	0.03	0.07	449	0.1	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	3622	1.0	4.1	**3.3**	0.18	0.41	844	0.2	0.9	**0.7**	0.04	0.09	*C32*
Trachea, bronchus and lung	45376	12.2	50.8	**38.8**	1.55	4.82	41778	11.9	46.7	**29.0**	1.27	3.70	*C33-34*
Other thoracic organs	501	0.1	0.6	**0.5**	0.03	0.05	287	0.1	0.3	**0.3**	0.02	0.03	*C37-38*
Bone	1003	0.3	1.1	**1.1**	0.06	0.08	769	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	19014	5.1	21.3	**16.7**	1.02	1.86	13574	3.9	15.2	**11.2**	0.80	1.16	*C43*
Other skin	1777		2.0	**1.5**	0.07	0.15	1396		1.6	**1.0**	0.06	0.10	*C44*
Mesothelioma	1222	0.3	1.4	**1.0**	0.04	0.12	354	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	1222	0.3	1.4	**1.1**	0.08	0.10	92	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	3275	0.9	3.7	**3.0**	0.17	0.29	2388	0.7	2.7	**2.1**	0.13	0.20	*C47+C49*
Breast	740	0.2	0.8	**0.6**	0.03	0.08	106674	30.4	119.2	**86.1**	6.08	10.02	*C50*
Vulva							1735	0.5	1.9	**1.2**	0.07	0.13	*C51*
Vagina							593	0.2	0.7	**0.4**	0.03	0.05	*C52*
Cervix uteri							7362	2.1	8.2	**6.5**	0.52	0.66	*C53*
Corpus uteri							19317	5.5	21.6	**15.8**	1.14	1.93	*C54*
Uterus unspecified							458	0.1	0.5	**0.3**	0.02	0.04	*C55*
Ovary							11773	3.4	13.2	**9.3**	0.62	1.06	*C56*
Other female genital organs							586	0.2	0.7	**0.5**	0.03	0.05	*C57*
Placenta							92	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	561	0.2	0.6	**0.5**	0.02	0.05							*C60*
Prostate	108603	29.1	121.6	**100.8**	5.01	13.67							*C61*
Testis	4971	1.3	5.6	**5.0**	0.37	0.38							*C62*
Other male genital organs	168	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	12365	3.3	13.8	**11.3**	0.68	1.36	7168	2.0	8.0	**5.7**	0.34	0.67	*C64*
Renal pelvis	779	0.2	0.9	**0.6**	0.02	0.07	557	0.2	0.6	**0.3**	0.01	0.04	*C65*
Ureter	454	0.1	0.5	**0.4**	0.01	0.05	336	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	23118	6.2	25.9	**18.9**	0.71	2.17	7280	2.1	8.1	**4.6**	0.19	0.54	*C67*
Other urinary organs	252	0.1	0.3	**0.2**	0.01	0.02	120	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	755	0.2	0.8	**0.8**	0.04	0.07	643	0.2	0.7	**0.6**	0.04	0.06	*C69*
Brain, nervous system	5948	1.6	6.7	**5.9**	0.37	0.58	4719	1.3	5.3	**4.4**	0.27	0.41	*C70-72*
Thyroid	3728	1.0	4.2	**3.5**	0.25	0.38	11923	3.4	13.3	**11.1**	0.85	1.07	*C73*
Adrenal gland	237	0.1	0.3	**0.3**	0.02	0.02	251	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	172	0.0	0.2	**0.2**	0.01	0.02	90	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	2522	0.7	2.8	**2.5**	0.17	0.22	2011	0.6	2.2	**2.0**	0.14	0.17	*C81*
Non-Hodgkin lymphoma	16971	4.6	19.0	**15.0**	0.84	1.66	14058	4.0	15.7	**10.3**	0.57	1.16	*C82-85,C96*
Immunoproliferative diseases	343	0.1	0.4	**0.3**	0.01	0.03	221	0.1	0.2	**0.1**	0.01	0.02	*C88*
Multiple myeloma	4924	1.3	5.5	**4.3**	0.22	0.51	3883	1.1	4.3	**2.7**	0.14	0.32	*C90*
Lymphoid leukaemia	5936	1.6	6.6	**6.0**	0.29	0.55	4001	1.1	4.5	**3.6**	0.18	0.31	*C91*
Myeloid leukaemia	4871	1.3	5.5	**4.3**	0.22	0.44	3957	1.1	4.4	**3.1**	0.17	0.30	*C92-94*
Leukaemia unspecified	397	0.1	0.4	**0.3**	0.01	0.02	349	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	1730	0.5	1.9	**1.5**	0.08	0.17	1620	0.5	1.8	**1.2**	0.06	0.13	*MPD*
Myelodysplastic syndromes	3568	1.0	4.0	**2.7**	0.07	0.26	2735	0.8	3.1	**1.6**	0.05	0.16	*MDS*
Other and unspecified	8028	2.2	9.0	**6.7**	0.31	0.75	9591	2.7	10.7	**6.1**	0.28	0.67	*O&U*
All sites	374344		419.1	**334.2**	17.05	40.29	352297		393.6	**269.2**	16.57	30.64	*C00-96*
All sites except C44	372567	100.0	417.1	**332.7**	16.98	40.14	350901	100.0	392.1	**268.2**	16.51	30.54	*C00-96 exc. C44*
	§Includes 145 cases of unknown age						§Includes 78 cases of unknown age						

USA, California: American Indian (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.2	0.2	**0.3**	0.00	0.06	1	0.1	0.1	**0.1**	0.01	0.01	*C00*
Tongue	15	1.1	1.2	**1.2**	0.09	0.15	7	0.5	0.6	**0.6**	0.04	0.08	*C01-02*
Mouth	9	0.7	0.7	**0.7**	0.05	0.07	5	0.4	0.4	**0.4**	0.03	0.08	*C03-06*
Salivary glands	4	0.3	0.3	**0.3**	0.03	0.03	3	0.2	0.2	**0.3**	0.02	0.04	*C07-08*
Tonsil	13	1.0	1.0	**1.1**	0.09	0.14	5	0.4	0.4	**0.4**	0.02	0.06	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	2	0.2	0.2	**0.2**	0.01	0.03	2	0.1	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	6	0.5	0.5	**0.6**	0.02	0.12	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.2	0.2	**0.2**	0.01	0.04	1	0.1	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	19	1.4	1.5	**1.8**	0.09	0.24	4	0.3	0.3	**0.4**	0.02	0.06	*C15*
Stomach	35	2.7	2.8	**3.3**	0.12	0.47	20	1.5	1.6	**1.4**	0.08	0.14	*C16*
Small intestine	7	0.5	0.6	**0.7**	0.03	0.09	4	0.3	0.3	**0.3**	0.01	0.05	*C17*
Colon	84	6.4	6.7	**7.5**	0.37	0.91	93	6.9	7.5	**6.7**	0.25	0.74	*C18*
Rectum	41	3.1	3.3	**3.9**	0.17	0.52	36	2.7	2.9	**2.7**	0.14	0.33	*C19-20*
Anus	6	0.5	0.5	**0.4**	0.03	0.03	5	0.4	0.4	**0.3**	0.03	0.03	*C21*
Liver	97	7.4	7.7	**8.4**	0.58	1.11	26	1.9	2.1	**2.1**	0.09	0.24	*C22*
Gallbladder etc.	6	0.5	0.5	**0.6**	0.03	0.08	18	1.3	1.5	**1.4**	0.07	0.17	*C23-24*
Pancreas	27	2.1	2.2	**2.6**	0.16	0.32	36	2.7	2.9	**2.7**	0.14	0.32	*C25*
Nose, sinuses etc.	2	0.2	0.2	**0.2**	0.01	0.04	2	0.1	0.2	**0.1**	0.01	0.01	*C30-31*
Larynx	14	1.1	1.1	**1.2**	0.10	0.13	7	0.5	0.6	**0.5**	0.04	0.06	*C32*
Trachea, bronchus and lung	169	12.9	13.5	**15.9**	0.73	1.99	176	13.1	14.3	**13.2**	0.53	1.56	*C33-34*
Other thoracic organs	1	0.1	0.1	**0.1**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.02	*C37-38*
Bone	5	0.4	0.4	**0.4**	0.02	0.04	6	0.4	0.5	**0.5**	0.03	0.06	*C40-41*
Melanoma of skin	35	2.7	2.8	**3.1**	0.15	0.43	20	1.5	1.6	**1.4**	0.10	0.16	*C43*
Other skin	2		0.2	**0.1**	0.02	0.02	4		0.3	**0.3**	0.01	0.06	*C44*
Mesothelioma	1	0.1	0.1	**0.1**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.00	*C45*
Kaposi sarcoma	6	0.5	0.5	**0.4**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	16	1.2	1.3	**1.5**	0.07	0.15	5	0.4	0.4	**0.5**	0.02	0.07	*C47+C49*
Breast	2	0.2	0.2	**0.2**	0.01	0.01	343	25.6	27.8	**25.8**	1.70	3.15	*C50*
Vulva							4	0.3	0.3	**0.2**	0.01	0.01	*C51*
Vagina							1	0.1	0.1	**0.1**	0.01	0.01	*C52*
Cervix uteri							43	3.2	3.5	**3.1**	0.25	0.26	*C53*
Corpus uteri							91	6.8	7.4	**7.1**	0.43	0.93	*C54*
Uterus unspecified							6	0.4	0.5	**0.4**	0.02	0.02	*C55*
Ovary							50	3.7	4.1	**3.9**	0.25	0.44	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							1	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	3	0.2	0.2	**0.3**	0.03	0.05							*C60*
Prostate	313	23.8	25.0	**30.3**	1.31	3.99							*C61*
Testis	29	2.2	2.3	**2.0**	0.15	0.15							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	75	5.7	6.0	**6.7**	0.37	0.85	49	3.7	4.0	**3.7**	0.20	0.46	*C64*
Renal pelvis	3	0.2	0.2	**0.3**	0.01	0.04	2	0.1	0.2	**0.2**	0.00	0.05	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.00	*C66*
Bladder	55	4.2	4.4	**5.2**	0.22	0.68	21	1.6	1.7	**1.5**	0.03	0.18	*C67*
Other urinary organs	1	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	6	0.5	0.5	**0.6**	0.03	0.03	3	0.2	0.2	**0.3**	0.03	0.03	*C69*
Brain, nervous system	20	1.5	1.6	**1.7**	0.09	0.19	10	0.7	0.8	**1.0**	0.05	0.09	*C70-72*
Thyroid	7	0.5	0.6	**0.6**	0.04	0.08	44	3.3	3.6	**3.1**	0.24	0.30	*C73*
Adrenal gland	2	0.2	0.2	**0.2**	0.01	0.01	1	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	1	0.1	0.1	**0.1**	0.00	0.00	1	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	9	0.7	0.7	**0.7**	0.04	0.06	14	1.0	1.1	**1.0**	0.08	0.08	*C81*
Non-Hodgkin lymphoma	59	4.5	4.7	**5.0**	0.29	0.56	46	3.4	3.7	**3.2**	0.17	0.36	*C82-85,C96*
Immunoproliferative diseases	1	0.1	0.1	**0.1**	0.01	0.01	1	0.1	0.1	**0.1**	0.00	0.00	*C88*
Multiple myeloma	16	1.2	1.3	**1.5**	0.08	0.19	16	1.2	1.3	**1.2**	0.05	0.14	*C90*
Lymphoid leukaemia	19	1.4	1.5	**1.7**	0.08	0.15	13	1.0	1.1	**1.0**	0.05	0.09	*C91*
Myeloid leukaemia	14	1.1	1.1	**1.3**	0.05	0.14	20	1.5	1.6	**1.5**	0.07	0.19	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	3	0.2	0.2	**0.2**	0.01	0.03	*C95*
Myeloproliferative disorders	4	0.3	0.3	**0.3**	0.03	0.03	2	0.1	0.2	**0.2**	0.00	0.02	*MPD*
Myelodysplastic syndromes	13	1.0	1.0	**1.2**	0.03	0.19	15	1.1	1.2	**1.0**	0.03	0.11	*MDS*
Other and unspecified	36	2.7	2.9	**3.1**	0.16	0.35	54	4.0	4.4	**3.9**	0.21	0.39	*O&U*
All sites	1315		105.0	**120.1**	6.09	15.00	1343		108.9	**100.8**	5.57	11.70	*C00-96*
All sites except C44	1313	100.0	104.8	**119.9**	6.07	14.98	1339	100.0	108.5	**100.4**	5.55	11.64	*C00-96 exc. C44*

USA, California: Asian and Pacific Islander (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	5	0.0	0.0	**0.0**	0.00	0.00	8	0.0	0.1	**0.0**	0.00	0.01	*C00*
Tongue	164	0.6	1.4	**1.2**	0.08	0.13	138	0.4	1.1	**0.8**	0.05	0.10	*C01-02*
Mouth	90	0.3	0.8	**0.7**	0.03	0.08	109	0.3	0.9	**0.6**	0.03	0.06	*C03-06*
Salivary glands	103	0.3	0.9	**0.8**	0.05	0.08	112	0.3	0.9	**0.7**	0.05	0.07	*C07-08*
Tonsil	86	0.3	0.8	**0.6**	0.05	0.08	28	0.1	0.2	**0.2**	0.01	0.02	*C09*
Other oropharynx	18	0.1	0.2	**0.1**	0.01	0.01	6	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	474	1.6	4.2	**3.4**	0.27	0.37	223	0.7	1.8	**1.4**	0.10	0.14	*C11*
Hypopharynx	45	0.2	0.4	**0.3**	0.01	0.03	5	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	8	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	298	1.0	2.6	**2.0**	0.10	0.22	105	0.3	0.9	**0.5**	0.02	0.05	*C15*
Stomach	1490	5.0	13.2	**10.0**	0.42	1.11	1146	3.5	9.4	**6.0**	0.29	0.67	*C16*
Small intestine	107	0.4	0.9	**0.7**	0.04	0.08	71	0.2	0.6	**0.4**	0.02	0.05	*C17*
Colon	2429	8.2	21.4	**16.6**	0.74	1.92	2751	8.3	22.6	**14.6**	0.72	1.67	*C18*
Rectum	1489	5.0	13.1	**10.7**	0.62	1.31	1180	3.6	9.7	**6.6**	0.42	0.75	*C19-20*
Anus	48	0.2	0.4	**0.3**	0.02	0.04	66	0.2	0.5	**0.4**	0.02	0.04	*C21*
Liver	2313	7.8	20.4	**16.8**	1.02	2.10	1014	3.1	8.3	**5.5**	0.22	0.69	*C22*
Gallbladder etc.	312	1.1	2.8	**2.1**	0.09	0.25	392	1.2	3.2	**2.0**	0.09	0.22	*C23-24*
Pancreas	788	2.7	7.0	**5.3**	0.25	0.59	875	2.6	7.2	**4.5**	0.18	0.52	*C25*
Nose, sinuses etc.	80	0.3	0.7	**0.6**	0.04	0.06	40	0.1	0.3	**0.2**	0.01	0.02	*C30-31*
Larynx	185	0.6	1.6	**1.3**	0.07	0.15	27	0.1	0.2	**0.1**	0.01	0.02	*C32*
Trachea, bronchus and lung	4421	15.0	39.0	**30.0**	1.19	3.58	3084	9.3	25.3	**16.3**	0.76	1.96	*C33-34*
Other thoracic organs	79	0.3	0.7	**0.6**	0.04	0.06	47	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	73	0.2	0.6	**0.7**	0.04	0.05	69	0.2	0.6	**0.5**	0.03	0.04	*C40-41*
Melanoma of skin	116	0.4	1.0	**0.8**	0.05	0.10	130	0.4	1.1	**0.8**	0.05	0.08	*C43*
Other skin	76		0.7	**0.5**	0.03	0.06	103		0.8	**0.6**	0.04	0.06	*C44*
Mesothelioma	44	0.1	0.4	**0.3**	0.01	0.04	18	0.1	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	36	0.1	0.3	**0.3**	0.02	0.02	4	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	214	0.7	1.9	**1.7**	0.09	0.15	222	0.7	1.8	**1.4**	0.08	0.13	*C47+C49*
Breast	47	0.2	0.4	**0.3**	0.02	0.04	10334	31.2	84.9	**62.7**	4.80	7.11	*C50*
Vulva							90	0.3	0.7	**0.5**	0.02	0.06	*C51*
Vagina							47	0.1	0.4	**0.3**	0.01	0.04	*C52*
Cervix uteri							972	2.9	8.0	**5.9**	0.46	0.62	*C53*
Corpus uteri							1937	5.9	15.9	**11.9**	0.96	1.38	*C54*
Uterus unspecified							43	0.1	0.4	**0.3**	0.02	0.03	*C55*
Ovary							1157	3.5	9.5	**7.0**	0.51	0.74	*C56*
Other female genital organs							47	0.1	0.4	**0.3**	0.02	0.03	*C57*
Placenta							15	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	31	0.1	0.3	**0.2**	0.01	0.02							*C60*
Prostate	7119	24.1	62.9	**52.0**	2.03	7.18							*C61*
Testis	168	0.6	1.5	**1.3**	0.09	0.10							*C62*
Other male genital organs	25	0.1	0.2	**0.2**	0.01	0.02							*C63*
Kidney	754	2.6	6.7	**5.5**	0.32	0.66	458	1.4	3.8	**2.7**	0.15	0.32	*C64*
Renal pelvis	60	0.2	0.5	**0.4**	0.02	0.05	60	0.2	0.5	**0.3**	0.01	0.04	*C65*
Ureter	52	0.2	0.5	**0.4**	0.01	0.05	42	0.1	0.3	**0.2**	0.01	0.03	*C66*
Bladder	1183	4.0	10.4	**7.8**	0.29	0.88	389	1.2	3.2	**1.9**	0.07	0.21	*C67*
Other urinary organs	24	0.1	0.2	**0.1**	0.01	0.01	13	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	31	0.1	0.3	**0.3**	0.01	0.02	31	0.1	0.3	**0.3**	0.02	0.02	*C69*
Brain, nervous system	386	1.3	3.4	**3.2**	0.20	0.29	330	1.0	2.7	**2.4**	0.13	0.21	*C70-72*
Thyroid	413	1.4	3.6	**3.0**	0.20	0.33	1758	5.3	14.4	**11.2**	0.86	1.12	*C73*
Adrenal gland	18	0.1	0.2	**0.2**	0.01	0.02	26	0.1	0.2	**0.3**	0.01	0.02	*C74*
Other endocrine	18	0.1	0.2	**0.2**	0.01	0.01	15	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	134	0.5	1.2	**1.2**	0.07	0.09	103	0.3	0.8	**0.8**	0.05	0.06	*C81*
Non-Hodgkin lymphoma	1339	4.5	11.8	**9.5**	0.49	1.04	1243	3.8	10.2	**7.1**	0.40	0.78	*C82-85,C96*
Immunoproliferative diseases	17	0.1	0.2	**0.1**	0.00	0.02	11	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	325	1.1	2.9	**2.2**	0.11	0.26	298	0.9	2.4	**1.6**	0.08	0.19	*C90*
Lymphoid leukaemia	258	0.9	2.3	**2.4**	0.13	0.18	172	0.5	1.4	**1.5**	0.08	0.11	*C91*
Myeloid leukaemia	470	1.6	4.1	**3.4**	0.18	0.32	387	1.2	3.2	**2.4**	0.14	0.24	*C92-94*
Leukaemia unspecified	20	0.1	0.2	**0.1**	0.00	0.01	24	0.1	0.2	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	170	0.6	1.5	**1.2**	0.07	0.14	177	0.5	1.5	**1.0**	0.06	0.11	*MPD*
Myelodysplastic syndromes	313	1.1	2.8	**1.9**	0.05	0.18	279	0.8	2.3	**1.3**	0.04	0.13	*MDS*
Other and unspecified	623	2.1	5.5	**4.2**	0.19	0.48	741	2.2	6.1	**3.8**	0.17	0.40	*O&U*
All sites	29589		261.2	**209.9**	9.90	25.07	33173		272.5	**192.7**	12.34	21.44	*C00-96*
All sites except C44	29513	100.0	260.6	**209.3**	9.87	25.01	33070	100.0	271.6	**192.1**	12.30	21.39	*C00-96 exc. C44*

§Includes 5 cases of unknown age

§Includes 2 cases of unknown age

USA, California: Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	9	0.0	0.1	**0.1**	0.01	0.02	4	0.0	0.1	**0.1**	0.00	0.00	*C00*
Tongue	144	0.6	2.3	**2.3**	0.16	0.31	77	0.4	1.2	**1.0**	0.07	0.12	*C01-02*
Mouth	116	0.5	1.8	**1.8**	0.12	0.21	82	0.4	1.2	**1.0**	0.05	0.11	*C03-06*
Salivary glands	62	0.3	1.0	**1.0**	0.05	0.11	52	0.2	0.8	**0.7**	0.04	0.06	*C07-08*
Tonsil	150	0.6	2.4	**2.3**	0.18	0.28	37	0.2	0.6	**0.5**	0.03	0.05	*C09*
Other oropharynx	38	0.2	0.6	**0.6**	0.04	0.07	18	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	57	0.2	0.9	**0.8**	0.06	0.09	25	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	76	0.3	1.2	**1.2**	0.08	0.16	19	0.1	0.3	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	18	0.1	0.3	**0.3**	0.02	0.03	13	0.1	0.2	**0.2**	0.01	0.02	*C14*
Oesophagus	264	1.1	4.2	**4.2**	0.22	0.47	132	0.6	2.0	**1.6**	0.09	0.20	*C15*
Stomach	578	2.3	9.1	**9.0**	0.37	1.02	415	1.9	6.3	**4.6**	0.21	0.51	*C16*
Small intestine	146	0.6	2.3	**2.3**	0.15	0.29	153	0.7	2.3	**1.9**	0.12	0.23	*C17*
Colon	1877	7.6	29.6	**29.8**	1.50	3.62	2124	9.7	32.3	**24.6**	1.29	2.87	*C18*
Rectum	673	2.7	10.6	**10.5**	0.63	1.26	576	2.6	8.8	**6.8**	0.39	0.81	*C19-20*
Anus	87	0.4	1.4	**1.2**	0.09	0.13	105	0.5	1.6	**1.3**	0.09	0.16	*C21*
Liver	744	3.0	11.7	**11.7**	0.87	1.43	284	1.3	4.3	**3.5**	0.23	0.42	*C22*
Gallbladder etc.	113	0.5	1.8	**1.8**	0.08	0.21	151	0.7	2.3	**1.8**	0.10	0.22	*C23-24*
Pancreas	645	2.6	10.2	**10.2**	0.56	1.25	791	3.6	12.0	**8.8**	0.41	0.99	*C25*
Nose, sinuses etc.	41	0.2	0.6	**0.6**	0.04	0.06	22	0.1	0.3	**0.3**	0.02	0.03	*C30-31*
Larynx	330	1.3	5.2	**5.3**	0.32	0.72	99	0.5	1.5	**1.3**	0.08	0.17	*C32*
Trachea, bronchus and lung	3585	14.5	56.5	**57.4**	2.81	7.25	3015	13.8	45.9	**36.7**	1.95	4.63	*C33-34*
Other thoracic organs	28	0.1	0.4	**0.4**	0.03	0.04	29	0.1	0.4	**0.4**	0.02	0.05	*C37-38*
Bone	50	0.2	0.8	**0.8**	0.05	0.06	45	0.2	0.7	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	45	0.2	0.7	**0.7**	0.04	0.09	56	0.3	0.9	**0.7**	0.04	0.08	*C43*
Other skin	62		1.0	**0.9**	0.06	0.10	87		1.3	**1.1**	0.08	0.11	*C44*
Mesothelioma	44	0.2	0.7	**0.7**	0.02	0.08	13	0.1	0.2	**0.1**	0.01	0.02	*C45*
Kaposi sarcoma	149	0.6	2.3	**2.0**	0.17	0.17	15	0.1	0.2	**0.2**	0.01	0.02	*C46*
Connective and soft tissue	175	0.7	2.8	**2.6**	0.17	0.23	155	0.7	2.4	**2.1**	0.13	0.20	*C47+C49*
Breast	56	0.2	0.9	**0.9**	0.05	0.12	6764	31.0	102.9	**84.5**	6.06	9.64	*C50*
Vulva							95	0.4	1.4	**1.1**	0.08	0.12	*C51*
Vagina							52	0.2	0.8	**0.6**	0.04	0.06	*C52*
Cervix uteri							440	2.0	6.7	**5.7**	0.44	0.59	*C53*
Corpus uteri							1068	4.9	16.3	**14.0**	0.95	1.79	*C54*
Uterus unspecified							43	0.2	0.7	**0.6**	0.03	0.07	*C55*
Ovary							572	2.6	8.7	**7.2**	0.47	0.84	*C56*
Other female genital organs							27	0.1	0.4	**0.3**	0.02	0.04	*C57*
Placenta							6	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	35	0.1	0.6	**0.6**	0.02	0.08							*C60*
Prostate	9245	37.3	145.6	**153.3**	9.17	20.45							*C61*
Testis	83	0.3	1.3	**1.2**	0.09	0.09							*C62*
Other male genital organs	11	0.0	0.2	**0.2**	0.01	0.01							*C63*
Kidney	885	3.6	13.9	**14.1**	0.86	1.74	506	2.3	7.7	**6.4**	0.38	0.73	*C64*
Renal pelvis	30	0.1	0.5	**0.5**	0.03	0.06	19	0.1	0.3	**0.2**	0.01	0.02	*C65*
Ureter	13	0.1	0.2	**0.2**	0.01	0.02	16	0.1	0.2	**0.2**	0.01	0.02	*C66*
Bladder	834	3.4	13.1	**13.0**	0.53	1.53	387	1.8	5.9	**4.3**	0.16	0.50	*C67*
Other urinary organs	21	0.1	0.3	**0.4**	0.01	0.04	20	0.1	0.3	**0.3**	0.01	0.03	*C68*
Eye	16	0.1	0.3	**0.3**	0.02	0.02	8	0.0	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	235	0.9	3.7	**3.7**	0.22	0.39	203	0.9	3.1	**2.9**	0.18	0.27	*C70-72*
Thyroid	142	0.6	2.2	**2.1**	0.15	0.23	481	2.2	7.3	**6.4**	0.48	0.67	*C73*
Adrenal gland	26	0.1	0.4	**0.5**	0.02	0.03	12	0.1	0.2	**0.2**	0.01	0.01	*C74*
Other endocrine	6	0.0	0.1	**0.1**	0.01	0.01	13	0.1	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	169	0.7	2.7	**2.5**	0.17	0.20	141	0.6	2.1	**2.0**	0.14	0.18	*C81*
Non-Hodgkin lymphoma	798	3.2	12.6	**12.1**	0.82	1.35	655	3.0	10.0	**8.2**	0.51	0.95	*C82-85,C96*
Immunoproliferative diseases	13	0.1	0.2	**0.2**	0.01	0.02	5	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	571	2.3	9.0	**9.1**	0.51	1.13	530	2.4	8.1	**6.3**	0.32	0.76	*C90*
Lymphoid leukaemia	262	1.1	4.1	**4.3**	0.21	0.41	175	0.8	2.7	**2.4**	0.12	0.25	*C91*
Myeloid leukaemia	252	1.0	4.0	**3.9**	0.19	0.42	239	1.1	3.6	**2.9**	0.17	0.29	*C92-94*
Leukaemia unspecified	23	0.1	0.4	**0.4**	0.02	0.03	11	0.1	0.2	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	99	0.4	1.6	**1.5**	0.09	0.16	87	0.4	1.3	**1.1**	0.07	0.12	*MPD*
Myelodysplastic syndromes	152	0.6	2.4	**2.4**	0.09	0.26	133	0.6	2.0	**1.5**	0.07	0.16	*MDS*
Other and unspecified	555	2.2	8.7	**8.8**	0.48	1.06	614	2.8	9.3	**6.9**	0.38	0.73	*O&U*
All sites	24838		391.2	**398.5**	22.68	49.63	21916		333.5	**268.9**	16.72	31.11	*C00-96*
All sites except C44	24776	100.0	390.2	**397.6**	22.62	49.54	21829	100.0	332.2	**267.8**	16.63	31.00	*C00-96 exc. C44*

§Includes 3 cases of unknown age

USA, California: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	862	0.3	1.2	**0.9**	0.05	0.10	299	0.1	0.4	**0.2**	0.01	0.03	*C00*
Tongue	2854	0.9	4.1	**3.3**	0.24	0.41	1255	0.4	1.8	**1.2**	0.08	0.14	*C01-02*
Mouth	1398	0.5	2.0	**1.6**	0.09	0.19	1038	0.4	1.5	**0.9**	0.05	0.11	*C03-06*
Salivary glands	1051	0.3	1.5	**1.1**	0.06	0.12	706	0.2	1.0	**0.7**	0.04	0.08	*C07-08*
Tonsil	1865	0.6	2.6	**2.2**	0.19	0.26	442	0.2	0.6	**0.5**	0.03	0.06	*C09*
Other oropharynx	327	0.1	0.5	**0.4**	0.02	0.05	128	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	388	0.1	0.6	**0.5**	0.03	0.05	167	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	634	0.2	0.9	**0.7**	0.04	0.10	185	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	185	0.1	0.3	**0.2**	0.01	0.03	90	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	4196	1.4	6.0	**4.6**	0.23	0.56	1305	0.5	1.9	**1.1**	0.05	0.13	*C15*
Stomach	5764	1.9	8.2	**6.1**	0.30	0.71	3661	1.3	5.3	**3.1**	0.17	0.35	*C16*
Small intestine	1176	0.4	1.7	**1.3**	0.07	0.15	995	0.3	1.4	**0.9**	0.05	0.11	*C17*
Colon	20136	6.6	28.6	**20.9**	0.95	2.44	20662	7.2	29.7	**16.4**	0.76	1.85	*C18*
Rectum	9344	3.1	13.3	**10.3**	0.58	1.26	7018	2.4	10.1	**6.4**	0.38	0.74	*C19-20*
Anus	1028	0.3	1.5	**1.1**	0.08	0.13	1481	0.5	2.1	**1.5**	0.10	0.17	*C21*
Liver	6581	2.2	9.4	**7.5**	0.52	0.90	2651	0.9	3.8	**2.4**	0.12	0.29	*C22*
Gallbladder etc.	1635	0.5	2.3	**1.7**	0.07	0.19	2162	0.7	3.1	**1.7**	0.08	0.20	*C23-24*
Pancreas	7447	2.4	10.6	**7.8**	0.37	0.93	7634	2.6	11.0	**6.1**	0.27	0.70	*C25*
Nose, sinuses etc.	523	0.2	0.7	**0.6**	0.03	0.07	378	0.1	0.5	**0.4**	0.02	0.04	*C30-31*
Larynx	3036	1.0	4.3	**3.4**	0.18	0.43	707	0.2	1.0	**0.7**	0.04	0.09	*C32*
Trachea, bronchus and lung	36900	12.1	52.4	**38.7**	1.51	4.83	35265	12.2	50.7	**30.5**	1.30	3.92	*C33-34*
Other thoracic organs	383	0.1	0.5	**0.5**	0.03	0.04	207	0.1	0.3	**0.2**	0.02	0.02	*C37-38*
Bone	857	0.3	1.2	**1.1**	0.07	0.09	631	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	17700	5.8	25.1	**19.3**	1.18	2.16	12314	4.3	17.7	**13.0**	0.93	1.36	*C43*
Other skin	1506		2.1	**1.5**	0.07	0.15	1081		1.6	**1.0**	0.06	0.10	*C44*
Mesothelioma	1121	0.4	1.6	**1.1**	0.04	0.13	321	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	970	0.3	1.4	**1.1**	0.08	0.10	64	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	2764	0.9	3.9	**3.1**	0.17	0.31	1941	0.7	2.8	**2.1**	0.13	0.20	*C47+C49*
Breast	617	0.2	0.9	**0.7**	0.03	0.08	87622	30.4	126.0	**89.4**	6.26	10.48	*C50*
Vulva							1508	0.5	2.2	**1.3**	0.08	0.14	*C51*
Vagina							476	0.2	0.7	**0.4**	0.03	0.05	*C52*
Cervix uteri							5771	2.0	8.3	**6.7**	0.53	0.66	*C53*
Corpus uteri							15940	5.5	22.9	**16.4**	1.17	2.02	*C54*
Uterus unspecified							361	0.1	0.5	**0.3**	0.02	0.03	*C55*
Ovary							9845	3.4	14.2	**9.8**	0.65	1.13	*C56*
Other female genital organs							499	0.2	0.7	**0.5**	0.03	0.06	*C57*
Placenta							70	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	477	0.2	0.7	**0.5**	0.03	0.06							*C60*
Prostate	85989	28.1	122.2	**99.0**	4.97	13.50							*C61*
Testis	4542	1.5	6.5	**5.9**	0.43	0.45							*C62*
Other male genital organs	119	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	10496	3.4	14.9	**11.9**	0.72	1.44	6085	2.1	8.8	**6.1**	0.37	0.72	*C64*
Renal pelvis	679	0.2	1.0	**0.7**	0.03	0.08	474	0.2	0.7	**0.4**	0.01	0.04	*C65*
Ureter	388	0.1	0.6	**0.4**	0.01	0.05	275	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	20592	6.7	29.3	**20.7**	0.78	2.38	6341	2.2	9.1	**5.0**	0.22	0.59	*C67*
Other urinary organs	190	0.1	0.3	**0.2**	0.01	0.02	82	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	669	0.2	1.0	**0.8**	0.05	0.08	575	0.2	0.8	**0.7**	0.04	0.07	*C69*
Brain, nervous system	5236	1.7	7.4	**6.5**	0.41	0.64	4107	1.4	5.9	**4.8**	0.30	0.46	*C70-72*
Thyroid	3089	1.0	4.4	**3.6**	0.26	0.40	9399	3.3	13.5	**11.3**	0.87	1.09	*C73*
Adrenal gland	185	0.1	0.3	**0.3**	0.02	0.02	206	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	144	0.0	0.2	**0.2**	0.01	0.02	61	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	2143	0.7	3.0	**2.7**	0.19	0.24	1707	0.6	2.5	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	14313	4.7	20.3	**15.7**	0.88	1.73	11671	4.0	16.8	**10.6**	0.58	1.20	*C82-85,C96*
Immunoproliferative diseases	300	0.1	0.4	**0.3**	0.01	0.03	193	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	3898	1.3	5.5	**4.1**	0.21	0.49	2961	1.0	4.3	**2.5**	0.13	0.30	*C90*
Lymphoid leukaemia	5127	1.7	7.3	**6.4**	0.31	0.59	3465	1.2	5.0	**3.9**	0.20	0.34	*C91*
Myeloid leukaemia	4041	1.3	5.7	**4.5**	0.22	0.46	3239	1.1	4.7	**3.1**	0.17	0.31	*C92-94*
Leukaemia unspecified	349	0.1	0.5	**0.3**	0.01	0.02	303	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	1369	0.4	1.9	**1.5**	0.08	0.17	1267	0.4	1.8	**1.1**	0.06	0.13	*MPD*
Myelodysplastic syndromes	2981	1.0	4.2	**2.7**	0.07	0.26	2213	0.8	3.2	**1.6**	0.05	0.16	*MDS*
Other and unspecified	6692	2.2	9.5	**6.8**	0.32	0.76	8059	2.8	11.6	**6.3**	0.29	0.70	*O&U*
All sites	307256		436.5	**339.2**	17.31	40.85	289563		416.5	**278.4**	17.05	31.79	*C00-96*
All sites except C44	305750	100.0	434.4	**337.7**	17.24	40.70	288482	100.0	415.0	**277.4**	16.99	31.70	*C00-96 exc. C44*
	§Includes 26 cases of unknown age						§Includes 17 cases of unknown age						

USA, California, Los Angeles County

REGISTRATION AREA

The Cancer Surveillance Program (CSP) of Los Angeles County covers Los Angeles County, an urban area of more than 10 000 km^2. With a population of nearly 10 million, Los Angeles County is the most populous county in the USA. It is characterized by its population diversity (in terms of race/ethnicity, immigration, culture, religion, and socioeconomic status) as well as its geographical diversity.

CANCER CARE FACILITIES

Los Angeles County has more than 100 hospitals and clinics, many of which provide advanced treatment and screening programmes.

REGISTRY STRUCTURE AND METHODS

The CSP of Los Angeles County was started at the University of Southern California, with complete population-based incidence coverage beginning in 1972. In 1987, the CSP became one of the 10 regional registries of the population-based California Cancer Registry. The CSP joined the National Cancer Institute's SEER Program in 1992. The registry uses active and passive surveillance. The active surveillance component consists of CSP personnel systematically screening pathology reports and other files at all hospitals and free-standing pathology laboratories (and some treatment facilities) to obtain pathology reports for all cancer patients diagnosed or treated. The passive surveillance component consists of each reporting facility completing a full abstract including stage and treatment information on every cancer patient diagnosed and/or treated at the facility. For each cancer patient, more than 200 data items (including disease or medical variables, demographics, and administrative descriptors) are coded and computerized. Before the CSP joined the SEER Program, record linkage with state of California death tapes was the only means of passive follow-up used by the registry. As a SEER registry, the CSP now collects follow-up data by record linkages with multiple sources and incorporates active follow-up information provided by hospitals.

INTERPRETING THE RESULTS

Screening programmes for breast, cervical, prostate, and colorectal cancers are widely available through health care systems and providers across Los Angeles County. Many government programmes and non-profit organizations offer free or low-cost cancer screening services for low- or no-income residents, the uninsured and underinsured, and those without a physician. However, the rates of screening access and use vary by socioeconomic level, race/ethnicity, health insurance availability, and cancer type. The overall screening rate has been increasing over time.

USE OF THE DATA

The CSP makes many scientific contributions towards understanding the demographic patterns and etiology of specific cancers.

CONTRIBUTORS

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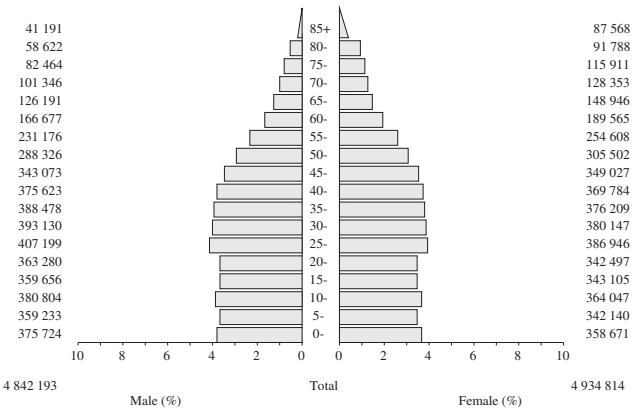
USA, California, Los Angeles County (2003-2007)
Average annual person-years by sex and age group

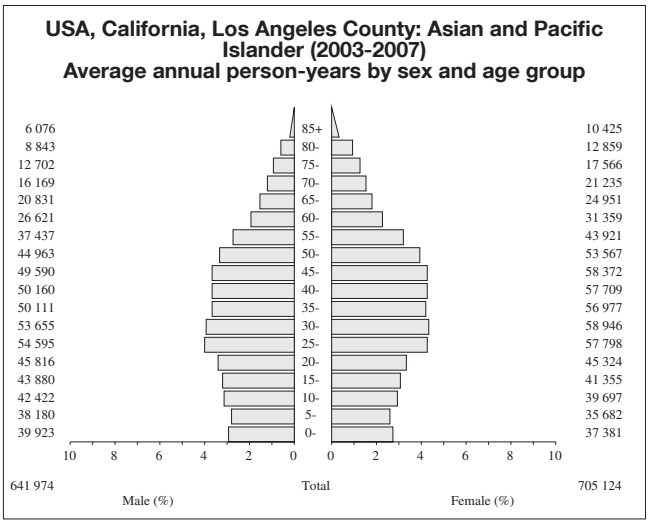


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

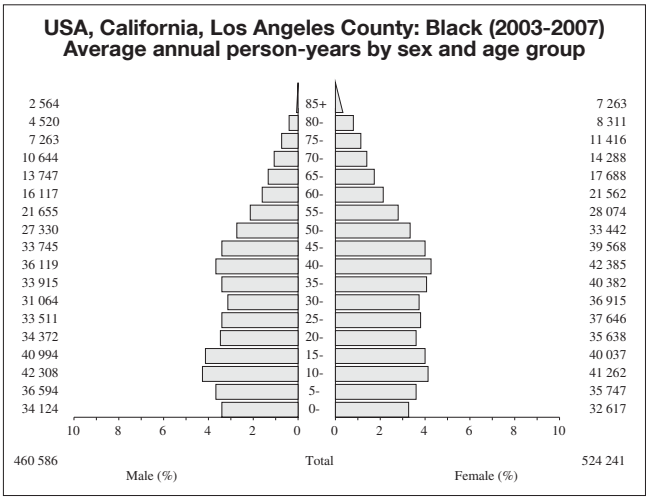
Male		Female	
Prostate	97.7	Breast	82.8
Trachea, bronchus and lung	35.1	Trachea, bronchus and lung	24.0
Colon	22.0	Colon	17.6
Bladder	17.3	Corpus uteri	16.5
Non-Hodgkin lymphoma	14.3	Thyroid	11.8
Melanoma of skin	12.3	Non-Hodgkin lymphoma	10.1
Kidney	10.6	Ovary	9.4
Rectum	10.6	Cervix uteri	8.0
Liver	9.4	Melanoma of skin	7.5
Stomach	8.4	Rectum	6.6
All sites	320.9	All sites	261.2



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, LOS ANGELES COUNTY: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

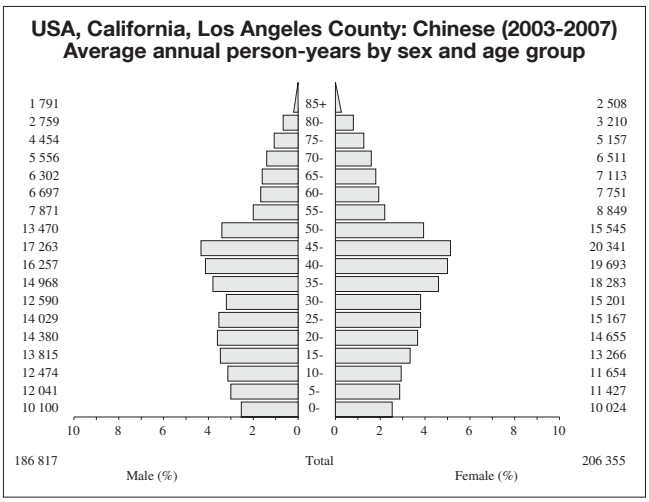
Male		Female	
Prostate	57.0	Breast	71.3
Trachea, bronchus and lung	30.9	Colon	16.0
Colon	19.4	Trachea, bronchus and lung	15.7
Liver	17.0	Corpus uteri	13.6
Stomach	13.7	Thyroid	12.9
Rectum	12.7	Ovary	7.7
Bladder	10.1	Stomach	7.6
Non-Hodgkin lymphoma	9.7	Rectum	7.4
Pancreas	6.5	Non-Hodgkin lymphoma	7.4
Kidney	5.8	Cervix uteri	7.2
All sites	233.7	All sites	212.1



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, LOS ANGELES COUNTY: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

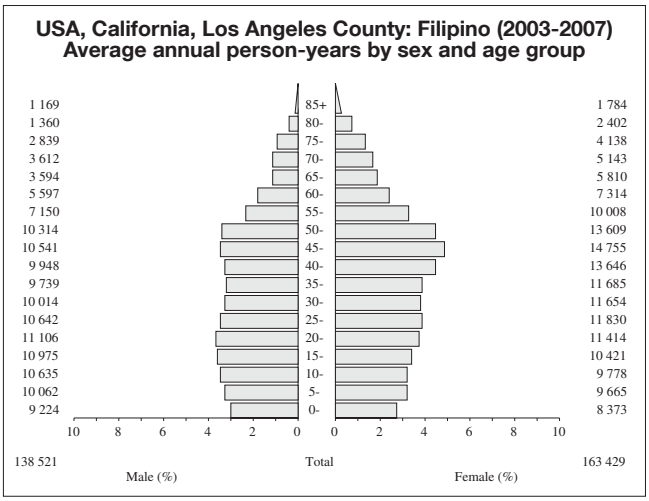
Male		Female	
Prostate	149.2	Breast	86.0
Trachea, bronchus and lung	59.1	Trachea, bronchus and lung	35.8
Colon	32.1	Colon	26.0
Bladder	12.9	Corpus uteri	14.9
Non-Hodgkin lymphoma	12.2	Pancreas	8.5
Kidney	12.0	Non-Hodgkin lymphoma	8.4
Rectum	11.8	Ovary	7.6
Liver	10.2	Thyroid	7.1
Pancreas	9.6	Rectum	7.1
Multiple myeloma	9.5	Multiple myeloma	6.8
All sites	398.3	All sites	274.3



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, LOS ANGELES COUNTY: CHINESE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

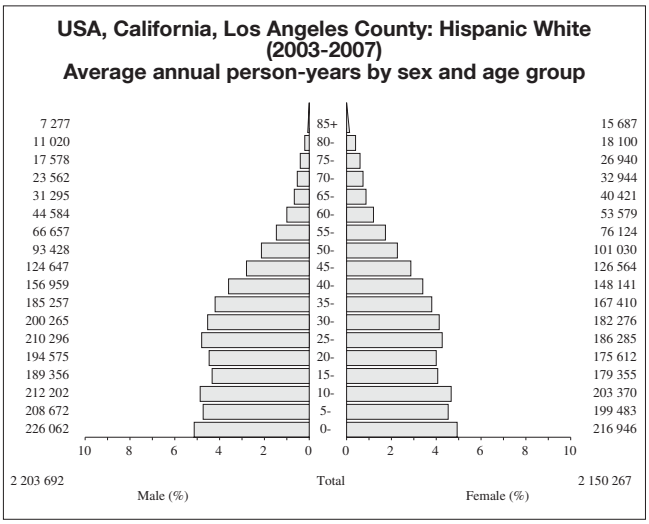
Male		Female	
Prostate	51.6	Breast	58.9
Trachea, bronchus and lung	31.4	Trachea, bronchus and lung	19.0
Colon	19.0	Colon	16.7
Liver	18.4	Corpus uteri	10.3
Rectum	11.6	Thyroid	9.1
Bladder	10.3	Rectum	7.1
Stomach	9.9	Ovary	7.0
Non-Hodgkin lymphoma	9.3	Stomach	6.5
Nasopharynx	5.9	Liver	6.0
Pancreas	5.4	Non-Hodgkin lymphoma	5.6
All sites	221.9	All sites	188.6



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, LOS ANGELES COUNTY: FILIPINO
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

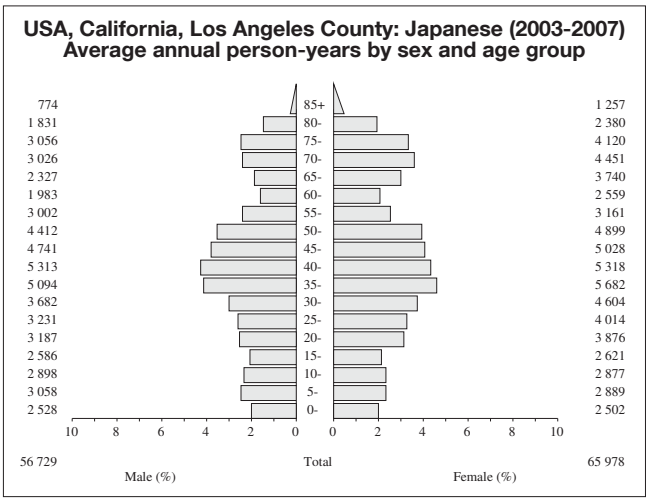
Male		Female	
Prostate	90.7	Breast	100.0
Trachea, bronchus and lung	40.1	Corpus uteri	21.6
Colon	18.5	Thyroid	21.4
Liver	14.8	Trachea, bronchus and lung	15.8
Rectum	13.7	Colon	15.2
Non-Hodgkin lymphoma	13.6	Non-Hodgkin lymphoma	10.6
Kidney	9.7	Ovary	9.1
Bladder	8.8	Cervix uteri	7.4
Other and unspecified	6.8	Rectum	7.2
Thyroid	6.0	Pancreas	5.3
All sites	278.4	All sites	261.3



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, LOS ANGELES COUNTY: HISPANIC WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

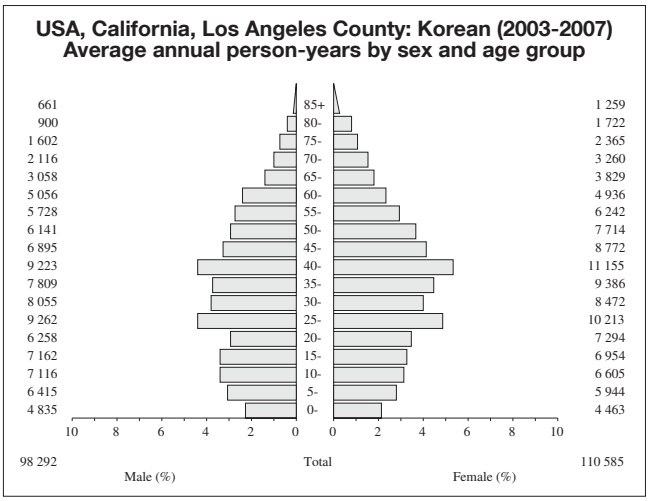
Male		Female	
Prostate	82.2	Breast	61.0
Trachea, bronchus and lung	21.3	Corpus uteri	14.4
Colon	17.3	Colon	14.0
Non-Hodgkin lymphoma	12.7	Trachea, bronchus and lung	11.7
Kidney	11.7	Cervix uteri	11.6
Liver	11.3	Thyroid	11.3
Stomach	10.0	Non-Hodgkin lymphoma	9.4
Bladder	9.7	Ovary	8.6
Rectum	9.0	Stomach	6.8
Pancreas	6.5	Other and unspecified	6.2
All sites	257.0	All sites	215.5



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, LOS ANGELES COUNTY: JAPANESE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

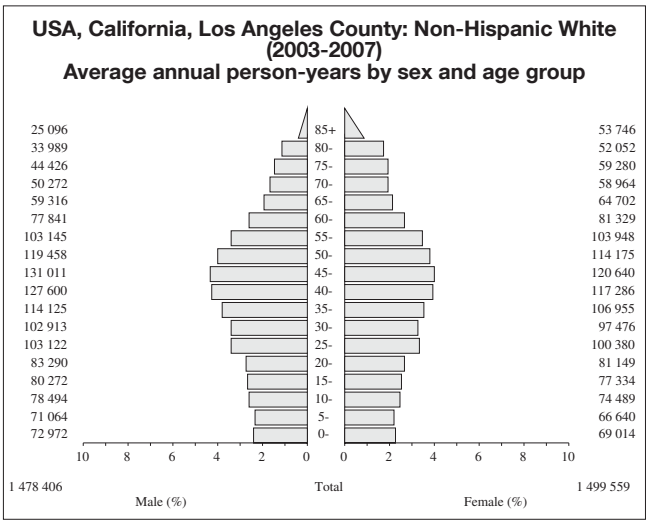
Male		Female	
Prostate	70.0	Breast	85.4
Trachea, bronchus and lung	31.0	Colon	23.5
Colon	28.5	Corpus uteri	16.9
Rectum	18.6	Trachea, bronchus and lung	15.8
Stomach	15.4	Ovary	10.7
Bladder	12.8	Stomach	10.0
Liver	10.4	Non-Hodgkin lymphoma	9.4
Pancreas	8.9	Cervix uteri	8.9
Non-Hodgkin lymphoma	8.7	Rectum	8.6
Brain, nervous system	6.7	Thyroid	7.1
All sites	266.4	All sites	243.6



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, LOS ANGELES COUNTY: KOREAN
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

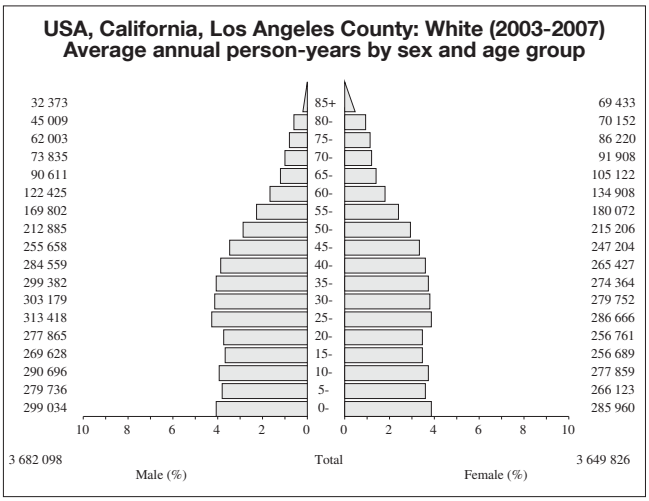
Male		Female	
Stomach	39.4	Breast	53.1
Prostate	35.9	Stomach	17.6
Trachea, bronchus and lung	30.6	Colon	15.4
Liver	26.3	Trachea, bronchus and lung	13.8
Colon	23.0	Thyroid	11.5
Bladder	16.2	Rectum	10.0
Rectum	15.6	Liver	8.1
Pancreas	10.3	Cervix uteri	7.9
Non-Hodgkin lymphoma	6.6	Pancreas	6.3
Kidney	6.4	Ovary	6.1
All sites	257.7	All sites	192.4



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, LOS ANGELES COUNTY:
NON-HISPANIC WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	98.7	Breast	103.4
Trachea, bronchus and lung	39.4	Trachea, bronchus and lung	31.9
Melanoma of skin	25.7	Corpus uteri	19.3
Bladder	24.0	Colon	18.2
Colon	23.1	Melanoma of skin	16.9
Non-Hodgkin lymphoma	17.1	Thyroid	13.5
Kidney	11.4	Non-Hodgkin lymphoma	11.6
Rectum	10.5	Ovary	11.4
Pancreas	7.8	Rectum	6.8
Other and unspecified	7.4	Other and unspecified	6.8
All sites	360.6	All sites	310.3



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, LOS ANGELES COUNTY: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	92.1	Breast	85.1
Trachea, bronchus and lung	33.0	Trachea, bronchus and lung	24.1
Colon	21.2	Corpus uteri	17.5
Bladder	19.1	Colon	16.6
Melanoma of skin	15.9	Thyroid	12.2
Non-Hodgkin lymphoma	15.3	Non-Hodgkin lymphoma	10.7
Kidney	11.5	Ovary	10.2
Rectum	9.9	Melanoma of skin	9.8
Liver	7.8	Cervix uteri	8.5
Pancreas	7.3	Other and unspecified	6.5
All sites	319.6	All sites	269.3

USA, California, Los Angeles County (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	126	0.1	0.5	**0.4**	0.02	0.05	46	0.1	0.2	**0.1**	0.01	0.01	*C00*
Tongue	692	0.8	2.9	**2.6**	0.17	0.32	376	0.4	1.5	**1.1**	0.07	0.13	*C01-02*
Mouth	404	0.4	1.7	**1.4**	0.08	0.17	289	0.3	1.2	**0.8**	0.04	0.08	*C03-06*
Salivary glands	272	0.3	1.1	**0.9**	0.05	0.10	229	0.3	0.9	**0.7**	0.04	0.08	*C07-08*
Tonsil	443	0.5	1.8	**1.6**	0.13	0.20	118	0.1	0.5	**0.4**	0.03	0.05	*C09*
Other oropharynx	92	0.1	0.4	**0.3**	0.02	0.04	38	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	236	0.3	1.0	**0.9**	0.07	0.10	107	0.1	0.4	**0.3**	0.02	0.04	*C11*
Hypopharynx	178	0.2	0.7	**0.7**	0.04	0.09	47	0.1	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	53	0.1	0.2	**0.2**	0.02	0.03	23	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	1058	1.2	4.4	**3.7**	0.18	0.46	381	0.4	1.5	**0.9**	0.04	0.12	*C15*
Stomach	2504	2.8	10.3	**8.4**	0.40	0.98	1860	2.1	7.5	**4.8**	0.26	0.54	*C16*
Small intestine	381	0.4	1.6	**1.3**	0.07	0.15	292	0.3	1.2	**0.8**	0.05	0.09	*C17*
Colon	6527	7.2	27.0	**22.0**	1.00	2.61	7008	7.8	28.4	**17.6**	0.86	1.99	*C18*
Rectum	3008	3.3	12.4	**10.6**	0.60	1.29	2381	2.7	9.6	**6.6**	0.38	0.76	*C19-20*
Anus	318	0.4	1.3	**1.1**	0.07	0.12	408	0.5	1.7	**1.2**	0.08	0.14	*C21*
Liver	2607	2.9	10.8	**9.4**	0.61	1.16	1214	1.4	4.9	**3.3**	0.16	0.41	*C22*
Gallbladder etc.	578	0.6	2.4	**1.9**	0.09	0.22	850	0.9	3.4	**2.2**	0.12	0.26	*C23-24*
Pancreas	2161	2.4	8.9	**7.4**	0.36	0.88	2442	2.7	9.9	**5.9**	0.26	0.69	*C25*
Nose, sinuses etc.	159	0.2	0.7	**0.6**	0.03	0.06	127	0.1	0.5	**0.4**	0.02	0.03	*C30-31*
Larynx	959	1.1	4.0	**3.4**	0.18	0.44	188	0.2	0.8	**0.6**	0.04	0.07	*C32*
Trachea, bronchus and lung	10301	11.3	42.5	**35.1**	1.42	4.40	9083	10.1	36.8	**24.0**	1.04	3.03	*C33-34*
Other thoracic organs	138	0.2	0.6	**0.5**	0.03	0.05	89	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	273	0.3	1.1	**1.1**	0.07	0.09	215	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	3612	4.0	14.9	**12.3**	0.73	1.33	2468	2.8	10.0	**7.5**	0.52	0.77	*C43*
Other skin	522		2.2	**1.7**	0.08	0.17	429		1.7	**1.2**	0.08	0.11	*C44*
Mesothelioma	272	0.3	1.1	**0.9**	0.03	0.11	96	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	493	0.5	2.0	**1.6**	0.12	0.15	25	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	789	0.9	3.3	**2.8**	0.15	0.28	599	0.7	2.4	**1.9**	0.12	0.18	*C47+C49*
Breast	179	0.2	0.7	**0.6**	0.03	0.08	26916	30.0	109.1	**82.8**	5.91	9.61	*C50*
Vulva							447	0.5	1.8	**1.2**	0.06	0.12	*C51*
Vagina							177	0.2	0.7	**0.5**	0.03	0.06	*C52*
Cervix uteri							2488	2.8	10.1	**8.0**	0.63	0.82	*C53*
Corpus uteri							5241	5.8	21.2	**16.5**	1.21	2.02	*C54*
Uterus unspecified							130	0.1	0.5	**0.4**	0.02	0.04	*C55*
Ovary							3134	3.5	12.7	**9.4**	0.63	1.06	*C56*
Other female genital organs							152	0.2	0.6	**0.4**	0.03	0.05	*C57*
Placenta							25	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	149	0.2	0.6	**0.5**	0.03	0.06							*C60*
Prostate	26668	29.4	110.1	**97.7**	4.76	13.18							*C61*
Testis	1261	1.4	5.2	**4.6**	0.34	0.35							*C62*
Other male genital organs	60	0.1	0.2	**0.2**	0.01	0.02							*C63*
Kidney	2948	3.2	12.2	**10.6**	0.65	1.27	1758	2.0	7.1	**5.3**	0.31	0.63	*C64*
Renal pelvis	207	0.2	0.9	**0.7**	0.02	0.07	147	0.2	0.6	**0.3**	0.01	0.04	*C65*
Ureter	99	0.1	0.4	**0.3**	0.01	0.04	76	0.1	0.3	**0.2**	0.01	0.02	*C66*
Bladder	5371	5.9	22.2	**17.3**	0.65	1.95	1765	2.0	7.2	**4.2**	0.17	0.48	*C67*
Other urinary organs	75	0.1	0.3	**0.2**	0.01	0.02	44	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	159	0.2	0.7	**0.6**	0.03	0.05	150	0.2	0.6	**0.6**	0.03	0.05	*C69*
Brain, nervous system	1434	1.6	5.9	**5.4**	0.33	0.53	1163	1.3	4.7	**4.0**	0.24	0.37	*C70-72*
Thyroid	1006	1.1	4.2	**3.6**	0.26	0.39	3494	3.9	14.2	**11.8**	0.91	1.17	*C73*
Adrenal gland	66	0.1	0.3	**0.3**	0.02	0.02	68	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	50	0.1	0.2	**0.2**	0.01	0.02	32	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	659	0.7	2.7	**2.5**	0.17	0.21	530	0.6	2.1	**1.9**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	4154	4.6	17.2	**14.3**	0.80	1.59	3637	4.1	14.7	**10.1**	0.55	1.14	*C82-85,C96*
Immunoproliferative diseases	71	0.1	0.3	**0.2**	0.01	0.03	52	0.1	0.2	**0.1**	0.01	0.02	*C88*
Multiple myeloma	1252	1.4	5.2	**4.4**	0.22	0.54	1089	1.2	4.4	**2.9**	0.15	0.36	*C90*
Lymphoid leukaemia	1549	1.7	6.4	**6.0**	0.31	0.53	1113	1.2	4.5	**3.8**	0.20	0.34	*C91*
Myeloid leukaemia	1269	1.4	5.2	**4.4**	0.23	0.45	1008	1.1	4.1	**2.9**	0.16	0.29	*C92-94*
Leukaemia unspecified	75	0.1	0.3	**0.2**	0.01	0.02	74	0.1	0.3	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	453	0.5	1.9	**1.5**	0.08	0.16	472	0.5	1.9	**1.3**	0.08	0.14	*MPD*
Myelodysplastic syndromes	859	0.9	3.5	**2.6**	0.07	0.26	724	0.8	2.9	**1.6**	0.06	0.17	*MDS*
Other and unspecified	2070	2.3	8.5	**6.9**	0.32	0.78	2534	2.8	10.3	**6.2**	0.30	0.67	*O&U*
All sites	91299		377.1	**320.9**	16.21	38.63	90068		365.0	**261.2**	16.21	29.63	*C00-96*
All sites except C44	90777	100.0	374.9	**319.2**	16.13	38.47	89639	100.0	363.3	**260.0**	16.14	29.52	*C00-96 exc. C44*

§Includes 9 cases of unknown age

§Includes 10 cases of unknown age

*USA, California, Los Angeles County: Asian and Pacific Islander (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	64	0.6	2.0	**1.5**	0.11	0.16	48	0.4	1.4	**0.9**	0.05	0.11	*C01-02*
Mouth	37	0.4	1.2	**0.9**	0.04	0.10	31	0.3	0.9	**0.6**	0.03	0.05	*C03-06*
Salivary glands	32	0.3	1.0	**0.8**	0.06	0.09	39	0.3	1.1	**0.8**	0.05	0.09	*C07-08*
Tonsil	29	0.3	0.9	**0.7**	0.04	0.08	3	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	7	0.1	0.2	**0.2**	0.01	0.02	2	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	128	1.2	4.0	**3.1**	0.24	0.33	62	0.5	1.8	**1.2**	0.09	0.13	*C11*
Hypopharynx	14	0.1	0.4	**0.3**	0.01	0.03	2	0.0	0.1	**0.0**	0.00	0.01	*C12-13*
Pharynx unspecified	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	106	1.0	3.3	**2.3**	0.11	0.25	31	0.3	0.9	**0.5**	0.03	0.05	*C15*
Stomach	647	6.2	20.2	**13.7**	0.58	1.54	463	4.1	13.1	**7.6**	0.35	0.84	*C16*
Small intestine	42	0.4	1.3	**0.9**	0.03	0.10	19	0.2	0.5	**0.4**	0.02	0.05	*C17*
Colon	908	8.7	28.3	**19.4**	0.84	2.20	961	8.4	27.3	**16.0**	0.78	1.82	*C18*
Rectum	563	5.4	17.5	**12.7**	0.75	1.53	411	3.6	11.7	**7.4**	0.47	0.84	*C19-20*
Anus	20	0.2	0.6	**0.5**	0.03	0.05	26	0.2	0.7	**0.4**	0.02	0.04	*C21*
Liver	736	7.1	22.9	**17.0**	1.03	2.11	330	2.9	9.4	**5.5**	0.21	0.71	*C22*
Gallbladder etc.	124	1.2	3.9	**2.7**	0.13	0.32	137	1.2	3.9	**2.3**	0.11	0.27	*C23-24*
Pancreas	294	2.8	9.2	**6.5**	0.29	0.77	299	2.6	8.5	**4.8**	0.20	0.59	*C25*
Nose, sinuses etc.	23	0.2	0.7	**0.6**	0.03	0.07	13	0.1	0.4	**0.2**	0.01	0.02	*C30-31*
Larynx	74	0.7	2.3	**1.6**	0.07	0.20	13	0.1	0.4	**0.2**	0.02	0.02	*C32*
Trachea, bronchus and lung	1458	14.0	45.4	**30.9**	1.20	3.70	950	8.3	26.9	**15.7**	0.67	1.91	*C33-34*
Other thoracic organs	23	0.2	0.7	**0.6**	0.04	0.06	22	0.2	0.6	**0.4**	0.03	0.04	*C37-38*
Bone	24	0.2	0.7	**0.8**	0.05	0.05	21	0.2	0.6	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	38	0.4	1.2	**0.9**	0.06	0.10	43	0.4	1.2	**0.9**	0.06	0.08	*C43*
Other skin	23		0.7	**0.6**	0.03	0.07	41		1.2	**0.7**	0.05	0.07	*C44*
Mesothelioma	12	0.1	0.4	**0.3**	0.02	0.05	4	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	23	0.2	0.7	**0.6**	0.04	0.05	2	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	71	0.7	2.2	**1.7**	0.09	0.16	62	0.5	1.8	**1.4**	0.09	0.13	*C47+C49*
Breast	22	0.2	0.7	**0.5**	0.03	0.07	3645	32.0	103.4	**71.3**	5.46	8.12	*C50*
Vulva							27	0.2	0.8	**0.4**	0.02	0.04	*C51*
Vagina							18	0.2	0.5	**0.3**	0.01	0.05	*C52*
Cervix uteri							363	3.2	10.3	**7.2**	0.56	0.74	*C53*
Corpus uteri							689	6.0	19.5	**13.6**	1.10	1.57	*C54*
Uterus unspecified							16	0.1	0.5	**0.3**	0.01	0.03	*C55*
Ovary							402	3.5	11.4	**7.7**	0.58	0.81	*C56*
Other female genital organs							15	0.1	0.4	**0.3**	0.02	0.03	*C57*
Placenta							3	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	7	0.1	0.2	**0.1**	0.01	0.01							*C60*
Prostate	2520	24.2	78.5	**57.0**	2.15	7.71							*C61*
Testis	57	0.5	1.8	**1.5**	0.11	0.13							*C62*
Other male genital organs	16	0.2	0.5	**0.4**	0.01	0.05							*C63*
Kidney	250	2.4	7.8	**5.8**	0.38	0.71	154	1.4	4.4	**2.9**	0.16	0.35	*C64*
Renal pelvis	21	0.2	0.7	**0.4**	0.01	0.04	32	0.3	0.9	**0.5**	0.01	0.06	*C65*
Ureter	17	0.2	0.5	**0.4**	0.01	0.05	13	0.1	0.4	**0.2**	0.00	0.03	*C66*
Bladder	496	4.8	15.5	**10.1**	0.39	1.11	132	1.2	3.7	**1.9**	0.06	0.19	*C67*
Other urinary organs	6	0.1	0.2	**0.1**	0.00	0.01	4	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	5	0.0	0.2	**0.2**	0.01	0.01	7	0.1	0.2	**0.3**	0.01	0.02	*C69*
Brain, nervous system	124	1.2	3.9	**3.5**	0.22	0.30	103	0.9	2.9	**2.5**	0.13	0.23	*C70-72*
Thyroid	147	1.4	4.6	**3.5**	0.24	0.40	619	5.4	17.6	**12.9**	1.00	1.29	*C73*
Adrenal gland	9	0.1	0.3	**0.4**	0.02	0.03	5	0.0	0.1	**0.2**	0.01	0.01	*C74*
Other endocrine	9	0.1	0.3	**0.3**	0.02	0.02	6	0.1	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	46	0.4	1.4	**1.3**	0.09	0.10	34	0.3	1.0	**0.8**	0.06	0.07	*C81*
Non-Hodgkin lymphoma	429	4.1	13.4	**9.7**	0.53	1.10	411	3.6	11.7	**7.4**	0.40	0.80	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	107	1.0	3.3	**2.4**	0.13	0.29	98	0.9	2.8	**1.7**	0.10	0.21	*C90*
Lymphoid leukaemia	85	0.8	2.6	**2.6**	0.14	0.20	50	0.4	1.4	**1.6**	0.08	0.11	*C91*
Myeloid leukaemia	157	1.5	4.9	**3.7**	0.20	0.35	139	1.2	3.9	**2.6**	0.16	0.24	*C92-94*
Leukaemia unspecified	6	0.1	0.2	**0.1**	0.00	0.00	6	0.1	0.2	**0.1**	0.01	0.02	*C95*
Myeloproliferative disorders	46	0.4	1.4	**1.0**	0.05	0.10	53	0.5	1.5	**0.9**	0.06	0.09	*MPD*
Myelodysplastic syndromes	111	1.1	3.5	**2.3**	0.06	0.26	99	0.9	2.8	**1.4**	0.04	0.13	*MDS*
Other and unspecified	227	2.2	7.1	**4.9**	0.21	0.57	253	2.2	7.2	**4.2**	0.23	0.45	*O&U*
All sites	10442		325.3	**233.7**	10.94	27.83	11437		324.4	**212.1**	13.72	23.67	*C00-96*
All sites except C44	10419	100.0	324.6	**233.2**	10.91	27.76	11396	100.0	323.2	**211.4**	13.67	23.60	*C00-96 exc. C44*

*See note following population pyramid

*USA, California, Los Angeles County: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.0	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	63	0.6	2.7	**2.5**	0.16	0.33	45	0.5	1.7	**1.3**	0.10	0.15	*C01-02*
Mouth	61	0.6	2.6	**2.2**	0.15	0.25	36	0.4	1.4	**0.9**	0.06	0.10	*C03-06*
Salivary glands	24	0.2	1.0	**1.0**	0.06	0.10	18	0.2	0.7	**0.5**	0.03	0.05	*C07-08*
Tonsil	59	0.6	2.6	**2.2**	0.17	0.27	17	0.2	0.6	**0.5**	0.03	0.06	*C09*
Other oropharynx	18	0.2	0.8	**0.7**	0.05	0.08	10	0.1	0.4	**0.2**	0.01	0.03	*C10*
Nasopharynx	23	0.2	1.0	**0.9**	0.06	0.10	10	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	33	0.3	1.4	**1.2**	0.08	0.15	7	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	10	0.1	0.4	**0.4**	0.03	0.04	6	0.1	0.2	**0.2**	0.01	0.02	*C14*
Oesophagus	116	1.1	5.0	**4.4**	0.27	0.53	56	0.6	2.1	**1.5**	0.08	0.18	*C15*
Stomach	255	2.5	11.1	**9.3**	0.41	1.04	223	2.2	8.5	**5.4**	0.27	0.61	*C16*
Small intestine	68	0.7	3.0	**2.6**	0.17	0.32	62	0.6	2.4	**1.6**	0.09	0.19	*C17*
Colon	850	8.2	36.9	**32.1**	1.63	3.93	1032	10.3	39.4	**26.0**	1.40	3.00	*C18*
Rectum	313	3.0	13.6	**11.8**	0.71	1.43	274	2.7	10.5	**7.1**	0.39	0.84	*C19-20*
Anus	34	0.3	1.5	**1.3**	0.09	0.12	45	0.5	1.7	**1.3**	0.08	0.16	*C21*
Liver	266	2.6	11.6	**10.2**	0.70	1.29	117	1.2	4.5	**3.2**	0.21	0.37	*C22*
Gallbladder etc.	61	0.6	2.6	**2.5**	0.13	0.31	64	0.6	2.4	**1.7**	0.11	0.21	*C23-24*
Pancreas	264	2.5	11.5	**9.6**	0.52	1.15	353	3.5	13.5	**8.5**	0.40	1.00	*C25*
Nose, sinuses etc.	14	0.1	0.6	**0.5**	0.03	0.04	4	0.0	0.2	**0.1**	0.00	0.00	*C30-31*
Larynx	144	1.4	6.3	**5.5**	0.33	0.72	38	0.4	1.4	**1.1**	0.07	0.16	*C32*
Trachea, bronchus and lung	1572	15.1	68.3	**59.1**	3.02	7.53	1346	13.5	51.4	**35.8**	1.89	4.59	*C33-34*
Other thoracic organs	8	0.1	0.3	**0.3**	0.02	0.03	11	0.1	0.4	**0.4**	0.02	0.05	*C37-38*
Bone	17	0.2	0.7	**0.7**	0.05	0.07	23	0.2	0.9	**0.8**	0.05	0.05	*C40-41*
Melanoma of skin	17	0.2	0.7	**0.7**	0.04	0.10	18	0.2	0.7	**0.5**	0.04	0.04	*C43*
Other skin	21		0.9	**0.8**	0.05	0.08	41		1.6	**1.2**	0.09	0.12	*C44*
Mesothelioma	18	0.2	0.8	**0.7**	0.02	0.09	6	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	57	0.5	2.5	**2.1**	0.17	0.17	3	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	62	0.6	2.7	**2.4**	0.16	0.22	70	0.7	2.7	**2.0**	0.11	0.21	*C47+C49*
Breast	24	0.2	1.0	**0.9**	0.04	0.11	3055	30.6	116.5	**86.0**	6.07	9.79	*C50*
Vulva							45	0.5	1.7	**1.2**	0.09	0.12	*C51*
Vagina							18	0.2	0.7	**0.6**	0.03	0.06	*C52*
Cervix uteri							209	2.1	8.0	**6.1**	0.48	0.62	*C53*
Corpus uteri							505	5.1	19.3	**14.9**	1.03	1.91	*C54*
Uterus unspecified							23	0.2	0.9	**0.7**	0.03	0.09	*C55*
Ovary							269	2.7	10.3	**7.6**	0.49	0.89	*C56*
Other female genital organs							14	0.1	0.5	**0.4**	0.03	0.05	*C57*
Placenta							3	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	14	0.1	0.6	**0.5**	0.02	0.07							*C60*
Prostate	3799	36.6	165.0	**149.2**	9.13	19.73							*C61*
Testis	28	0.3	1.2	**1.1**	0.09	0.09							*C62*
Other male genital organs	5	0.0	0.2	**0.2**	0.02	0.02							*C63*
Kidney	313	3.0	13.6	**12.0**	0.70	1.44	210	2.1	8.0	**5.9**	0.30	0.72	*C64*
Renal pelvis	12	0.1	0.5	**0.4**	0.02	0.04	4	0.0	0.2	**0.1**	0.01	0.01	*C65*
Ureter	6	0.1	0.3	**0.2**	0.00	0.03	8	0.1	0.3	**0.2**	0.01	0.03	*C66*
Bladder	362	3.5	15.7	**12.9**	0.52	1.47	200	2.0	7.6	**4.7**	0.18	0.57	*C67*
Other urinary organs	12	0.1	0.5	**0.4**	0.01	0.05	8	0.1	0.3	**0.2**	0.01	0.02	*C68*
Eye	10	0.1	0.4	**0.6**	0.03	0.04	3	0.0	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	93	0.9	4.0	**3.8**	0.22	0.37	81	0.8	3.1	**2.8**	0.17	0.24	*C70-72*
Thyroid	59	0.6	2.6	**2.2**	0.15	0.24	236	2.4	9.0	**7.1**	0.54	0.77	*C73*
Adrenal gland	10	0.1	0.4	**0.5**	0.02	0.04	6	0.1	0.2	**0.3**	0.02	0.02	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.00	0.00	7	0.1	0.3	**0.2**	0.02	0.02	*C75*
Hodgkin lymphoma	51	0.5	2.2	**2.0**	0.15	0.15	51	0.5	1.9	**1.8**	0.12	0.16	*C81*
Non-Hodgkin lymphoma	320	3.1	13.9	**12.2**	0.81	1.35	300	3.0	11.4	**8.4**	0.51	0.95	*C82-85,C96*
Immunoproliferative diseases	6	0.1	0.3	**0.2**	0.02	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	248	2.4	10.8	**9.5**	0.51	1.20	266	2.7	10.1	**6.8**	0.36	0.82	*C90*
Lymphoid leukaemia	97	0.9	4.2	**3.9**	0.17	0.38	85	0.9	3.2	**2.6**	0.15	0.29	*C91*
Myeloid leukaemia	103	1.0	4.5	**3.8**	0.19	0.41	106	1.1	4.0	**2.8**	0.16	0.26	*C92-94*
Leukaemia unspecified	10	0.1	0.4	**0.5**	0.02	0.04	7	0.1	0.3	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	45	0.4	2.0	**1.6**	0.09	0.19	42	0.4	1.6	**1.1**	0.07	0.13	*MPD*
Myelodysplastic syndromes	73	0.7	3.2	**2.7**	0.13	0.30	72	0.7	2.7	**1.8**	0.08	0.20	*MDS*
Other and unspecified	245	2.4	10.6	**9.2**	0.51	1.12	271	2.7	10.3	**6.7**	0.38	0.72	*O&U*
All sites	10398		451.5	**398.3**	22.86	49.38	10039		383.0	**274.3**	16.99	31.75	*C00-96*
All sites except C44	10377	100.0	450.6	**397.5**	22.81	49.30	9998	100.0	381.4	**273.1**	16.89	31.63	*C00-96 exc. C44*

*See note following population pyramid

*USA, California, Los Angeles County: Chinese (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C00*
Tongue	17	0.6	1.8	**1.4**	0.13	0.14	17	0.6	1.6	**1.2**	0.07	0.15	*C01-02*
Mouth	13	0.4	1.4	**0.9**	0.04	0.11	8	0.3	0.8	**0.6**	0.03	0.06	*C03-06*
Salivary glands	7	0.2	0.7	**0.5**	0.03	0.06	7	0.2	0.7	**0.5**	0.02	0.05	*C07-08*
Tonsil	6	0.2	0.6	**0.5**	0.03	0.05	2	0.1	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	4	0.1	0.4	**0.3**	0.02	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	69	2.3	7.4	**5.9**	0.50	0.65	29	1.0	2.8	**1.9**	0.12	0.20	*C11*
Hypopharynx	5	0.2	0.5	**0.3**	0.01	0.04	1	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	35	1.2	3.7	**2.4**	0.12	0.23	10	0.3	1.0	**0.5**	0.03	0.04	*C15*
Stomach	153	5.1	16.4	**9.9**	0.36	0.95	118	4.0	11.4	**6.5**	0.30	0.60	*C16*
Small intestine	11	0.4	1.2	**0.8**	0.04	0.11	3	0.1	0.3	**0.2**	0.02	0.03	*C17*
Colon	267	8.9	28.6	**19.0**	0.87	2.25	288	9.9	27.9	**16.7**	0.76	1.78	*C18*
Rectum	152	5.0	16.3	**11.6**	0.68	1.41	112	3.8	10.9	**7.1**	0.46	0.76	*C19-20*
Anus	5	0.2	0.5	**0.5**	0.03	0.07	15	0.5	1.5	**0.9**	0.06	0.09	*C21*
Liver	233	7.7	24.9	**18.4**	1.20	2.26	105	3.6	10.2	**6.0**	0.23	0.69	*C22*
Gallbladder etc.	27	0.9	2.9	**1.9**	0.10	0.24	27	0.9	2.6	**1.9**	0.07	0.25	*C23-24*
Pancreas	79	2.6	8.5	**5.4**	0.23	0.59	69	2.4	6.7	**3.9**	0.13	0.42	*C25*
Nose, sinuses etc.	3	0.1	0.3	**0.2**	0.01	0.04	6	0.2	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	25	0.8	2.7	**1.5**	0.01	0.20	2	0.1	0.2	**0.2**	0.02	0.02	*C32*
Trachea, bronchus and lung	449	14.9	48.1	**31.4**	1.26	3.76	326	11.2	31.6	**19.0**	0.78	2.17	*C33-34*
Other thoracic organs	7	0.2	0.7	**0.7**	0.05	0.07	5	0.2	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	8	0.3	0.9	**1.0**	0.07	0.07	5	0.2	0.5	**0.4**	0.04	0.05	*C40-41*
Melanoma of skin	15	0.5	1.6	**1.1**	0.06	0.12	13	0.4	1.3	**1.1**	0.09	0.12	*C43*
Other skin	5		0.5	**0.4**	0.03	0.05	16		1.6	**1.0**	0.06	0.11	*C44*
Mesothelioma	2	0.1	0.2	**0.2**	0.01	0.03	2	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	4	0.1	0.4	**0.3**	0.03	0.03	1	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	25	0.8	2.7	**1.8**	0.06	0.18	13	0.4	1.3	**0.9**	0.04	0.08	*C47+C49*
Breast	8	0.3	0.9	**0.6**	0.03	0.05	864	29.6	83.7	**58.9**	4.68	6.62	*C50*
Vulva							10	0.3	1.0	**0.7**	0.05	0.08	*C51*
Vagina							6	0.2	0.6	**0.4**	0.01	0.06	*C52*
Cervix uteri							74	2.5	7.2	**5.0**	0.43	0.49	*C53*
Corpus uteri							146	5.0	14.2	**10.3**	0.88	1.16	*C54*
Uterus unspecified							3	0.1	0.3	**0.2**	0.00	0.04	*C55*
Ovary							106	3.6	10.3	**7.0**	0.54	0.68	*C56*
Other female genital organs							4	0.1	0.4	**0.3**	0.03	0.04	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	3	0.1	0.3	**0.2**	0.00	0.02							*C60*
Prostate	709	23.6	75.9	**51.6**	1.94	6.74							*C61*
Testis	15	0.5	1.6	**1.5**	0.11	0.11							*C62*
Other male genital organs	5	0.2	0.5	**0.3**	0.01	0.03							*C63*
Kidney	55	1.8	5.9	**4.2**	0.18	0.52	35	1.2	3.4	**2.1**	0.09	0.25	*C64*
Renal pelvis	7	0.2	0.7	**0.4**	0.01	0.03	13	0.4	1.3	**0.6**	0.02	0.05	*C65*
Ureter	7	0.2	0.7	**0.5**	0.03	0.07	5	0.2	0.5	**0.3**	0.00	0.04	*C66*
Bladder	158	5.2	16.9	**10.3**	0.39	1.15	42	1.4	4.1	**2.1**	0.07	0.19	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.2	**0.1**	0.00	0.02	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C69*
Brain, nervous system	41	1.4	4.4	**3.8**	0.21	0.30	27	0.9	2.6	**1.9**	0.08	0.21	*C70-72*
Thyroid	30	1.0	3.2	**2.5**	0.17	0.28	130	4.4	12.6	**9.1**	0.68	0.90	*C73*
Adrenal gland	3	0.1	0.3	**0.4**	0.02	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	3	0.1	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	12	0.4	1.3	**1.2**	0.07	0.08	10	0.3	1.0	**0.9**	0.06	0.06	*C81*
Non-Hodgkin lymphoma	125	4.2	13.4	**9.3**	0.48	1.01	91	3.1	8.8	**5.6**	0.26	0.54	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	31	1.0	3.3	**2.3**	0.11	0.29	21	0.7	2.0	**1.3**	0.05	0.19	*C90*
Lymphoid leukaemia	30	1.0	3.2	**3.6**	0.19	0.26	17	0.6	1.6	**2.1**	0.11	0.14	*C91*
Myeloid leukaemia	48	1.6	5.1	**3.7**	0.19	0.35	36	1.2	3.5	**2.5**	0.17	0.24	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.2	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	14	0.5	1.5	**0.9**	0.03	0.08	8	0.3	0.8	**0.5**	0.03	0.03	*MPD*
Myelodysplastic syndromes	28	0.9	3.0	**1.8**	0.01	0.20	20	0.7	1.9	**1.0**	0.03	0.09	*MDS*
Other and unspecified	57	1.9	6.1	**4.1**	0.17	0.48	63	2.2	6.1	**4.0**	0.25	0.35	*O&U*
All sites	3015		322.8	**221.9**	10.36	25.82	2938		284.8	**188.6**	11.89	20.32	*C00-96*
All sites except C44	3010	100.0	322.2	**221.5**	10.32	25.77	2922	100.0	283.2	**187.7**	11.83	20.21	*C00-96 exc. C44*

*See note following population pyramid

*USA, California, Los Angeles County: Filipino (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	15	0.6	2.2	**1.6**	0.11	0.19	10	0.3	1.2	**0.7**	0.05	0.05	*C01-02*
Mouth	4	0.2	0.6	**0.4**	0.01	0.04	10	0.3	1.2	**0.8**	0.05	0.08	*C03-06*
Salivary glands	9	0.4	1.3	**1.2**	0.09	0.14	12	0.4	1.5	**1.0**	0.05	0.13	*C07-08*
Tonsil	9	0.4	1.3	**1.1**	0.05	0.14	1	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	29	1.2	4.2	**3.4**	0.24	0.35	16	0.5	2.0	**1.4**	0.13	0.15	*C11*
Hypopharynx	1	0.0	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	13	0.5	1.9	**1.6**	0.06	0.22	6	0.2	0.7	**0.5**	0.01	0.07	*C15*
Stomach	49	2.0	7.1	**5.0**	0.27	0.52	46	1.5	5.6	**3.5**	0.18	0.38	*C16*
Small intestine	7	0.3	1.0	**0.8**	0.05	0.11	8	0.3	1.0	**0.7**	0.04	0.08	*C17*
Colon	170	7.0	24.5	**18.5**	0.90	2.04	206	6.5	25.2	**15.2**	0.65	1.73	*C18*
Rectum	121	5.0	17.5	**13.7**	0.79	1.48	90	2.8	11.0	**7.2**	0.51	0.85	*C19-20*
Anus	4	0.2	0.6	**0.5**	0.05	0.05	1	0.0	0.1	**0.1**	0.01	0.01	*C21*
Liver	131	5.4	18.9	**14.8**	0.98	1.84	49	1.5	6.0	**3.7**	0.16	0.48	*C22*
Gallbladder etc.	17	0.7	2.5	**1.9**	0.14	0.20	24	0.8	2.9	**1.8**	0.10	0.21	*C23-24*
Pancreas	50	2.1	7.2	**5.6**	0.20	0.73	70	2.2	8.6	**5.3**	0.31	0.59	*C25*
Nose, sinuses etc.	6	0.2	0.9	**0.8**	0.07	0.07	4	0.1	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	15	0.6	2.2	**1.8**	0.08	0.22	5	0.2	0.6	**0.3**	0.02	0.02	*C32*
Trachea, bronchus and lung	366	15.1	52.8	**40.1**	1.73	4.90	211	6.7	25.8	**15.8**	0.71	1.99	*C33-34*
Other thoracic organs	5	0.2	0.7	**0.6**	0.06	0.06	8	0.3	1.0	**0.5**	0.04	0.04	*C37-38*
Bone	6	0.2	0.9	**0.7**	0.05	0.05	6	0.2	0.7	**0.8**	0.05	0.05	*C40-41*
Melanoma of skin	5	0.2	0.7	**0.6**	0.05	0.05	13	0.4	1.6	**1.0**	0.07	0.09	*C43*
Other skin	7		1.0	**0.9**	0.06	0.14	10		1.2	**0.9**	0.08	0.08	*C44*
Mesothelioma	3	0.1	0.4	**0.3**	0.01	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	13	0.5	1.9	**1.6**	0.12	0.15	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	11	0.5	1.6	**1.4**	0.09	0.14	14	0.4	1.7	**1.3**	0.08	0.14	*C47+C49*
Breast	2	0.1	0.3	**0.2**	0.01	0.04	1183	37.4	144.8	**100.0**	7.76	11.75	*C50*
Vulva							6	0.2	0.7	**0.4**	0.02	0.04	*C51*
Vagina							4	0.1	0.5	**0.3**	0.02	0.03	*C52*
Cervix uteri							89	2.8	10.9	**7.4**	0.57	0.79	*C53*
Corpus uteri							251	7.9	30.7	**21.6**	1.88	2.48	*C54*
Uterus unspecified							3	0.1	0.4	**0.2**	0.01	0.03	*C55*
Ovary							107	3.4	13.1	**9.1**	0.68	1.04	*C56*
Other female genital organs							2	0.1	0.2	**0.1**	0.01	0.01	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	1	0.0	0.1	**0.1**	0.00	0.00							*C60*
Prostate	770	31.8	111.2	**90.7**	4.00	12.22							*C61*
Testis	8	0.3	1.2	**1.1**	0.08	0.08							*C62*
Other male genital organs	4	0.2	0.6	**0.5**	0.00	0.08							*C63*
Kidney	80	3.3	11.6	**9.7**	0.75	1.14	48	1.5	5.9	**4.0**	0.25	0.45	*C64*
Renal pelvis	5	0.2	0.7	**0.6**	0.02	0.05	4	0.1	0.5	**0.4**	0.01	0.05	*C65*
Ureter	1	0.0	0.1	**0.1**	0.01	0.01	4	0.1	0.5	**0.3**	0.01	0.03	*C66*
Bladder	80	3.3	11.6	**8.8**	0.53	0.92	30	0.9	3.7	**1.9**	0.05	0.16	*C67*
Other urinary organs	1	0.0	0.1	**0.2**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.1	0.3	**0.5**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	19	0.8	2.7	**2.2**	0.17	0.17	28	0.9	3.4	**3.0**	0.14	0.27	*C70-72*
Thyroid	50	2.1	7.2	**6.0**	0.36	0.69	238	7.5	29.1	**21.4**	1.74	2.16	*C73*
Adrenal gland	3	0.1	0.4	**0.5**	0.03	0.03	3	0.1	0.4	**0.3**	0.03	0.03	*C74*
Other endocrine	2	0.1	0.3	**0.3**	0.02	0.02	4	0.1	0.5	**0.3**	0.03	0.03	*C75*
Hodgkin lymphoma	13	0.5	1.9	**1.7**	0.12	0.12	9	0.3	1.1	**0.9**	0.05	0.07	*C81*
Non-Hodgkin lymphoma	119	4.9	17.2	**13.6**	0.72	1.63	133	4.2	16.3	**10.6**	0.60	1.13	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.1**	0.00	0.00	2	0.1	0.2	**0.2**	0.01	0.02	*C88*
Multiple myeloma	30	1.2	4.3	**3.5**	0.29	0.40	38	1.2	4.7	**2.8**	0.19	0.32	*C90*
Lymphoid leukaemia	17	0.7	2.5	**2.4**	0.18	0.18	7	0.2	0.9	**1.0**	0.03	0.07	*C91*
Myeloid leukaemia	45	1.9	6.5	**4.9**	0.24	0.41	40	1.3	4.9	**3.1**	0.18	0.31	*C92-94*
Leukaemia unspecified	1	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C95*
Myeloproliferative disorders	17	0.7	2.5	**1.8**	0.08	0.19	27	0.9	3.3	**2.0**	0.16	0.21	*MPD*
Myelodysplastic syndromes	30	1.2	4.3	**3.3**	0.09	0.45	29	0.9	3.5	**1.7**	0.03	0.15	*MDS*
Other and unspecified	62	2.6	9.0	**6.8**	0.34	0.83	60	1.9	7.3	**4.7**	0.25	0.57	*O&U*
All sites	2429		350.7	**278.4**	14.31	33.58	3173		388.3	**261.3**	18.08	29.51	*C00-96*
All sites except C44	2422	100.0	349.7	**277.5**	14.25	33.44	3163	100.0	387.1	**260.4**	18.00	29.43	*C00-96 exc. C44*

*See note following population pyramid

*USA, California, Los Angeles County: Hispanic White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	20	0.1	0.2	**0.3**	0.01	0.03	7	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	102	0.5	0.9	**1.4**	0.08	0.17	74	0.3	0.7	**0.7**	0.04	0.08	*C01-02*
Mouth	77	0.4	0.7	**1.0**	0.06	0.10	54	0.3	0.5	**0.5**	0.03	0.06	*C03-06*
Salivary glands	57	0.3	0.5	**0.6**	0.03	0.06	67	0.3	0.6	**0.7**	0.04	0.07	*C07-08*
Tonsil	67	0.3	0.6	**0.9**	0.08	0.10	25	0.1	0.2	**0.3**	0.02	0.03	*C09*
Other oropharynx	12	0.1	0.1	**0.2**	0.01	0.02	5	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	28	0.1	0.3	**0.3**	0.02	0.04	15	0.1	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	46	0.2	0.4	**0.7**	0.03	0.09	10	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	9	0.0	0.1	**0.1**	0.01	0.01	5	0.0	0.0	**0.1**	0.00	0.01	*C14*
Oesophagus	204	1.0	1.9	**2.8**	0.13	0.33	53	0.2	0.5	**0.5**	0.01	0.07	*C15*
Stomach	766	3.9	7.0	**10.0**	0.49	1.16	697	3.2	6.5	**6.8**	0.37	0.76	*C16*
Small intestine	66	0.3	0.6	**0.8**	0.04	0.11	72	0.3	0.7	**0.7**	0.04	0.06	*C17*
Colon	1305	6.7	11.8	**17.3**	0.82	2.07	1401	6.5	13.0	**14.0**	0.73	1.58	*C18*
Rectum	694	3.6	6.3	**9.0**	0.48	1.09	532	2.5	4.9	**5.4**	0.32	0.63	*C19-20*
Anus	61	0.3	0.6	**0.7**	0.04	0.08	82	0.4	0.8	**0.8**	0.06	0.09	*C21*
Liver	858	4.4	7.8	**11.3**	0.70	1.41	425	2.0	4.0	**4.4**	0.19	0.55	*C22*
Gallbladder etc.	171	0.9	1.6	**2.2**	0.10	0.27	355	1.6	3.3	**3.6**	0.19	0.41	*C23-24*
Pancreas	463	2.4	4.2	**6.5**	0.27	0.80	543	2.5	5.1	**5.3**	0.23	0.61	*C25*
Nose, sinuses etc.	41	0.2	0.4	**0.5**	0.02	0.06	42	0.2	0.4	**0.4**	0.03	0.04	*C30-31*
Larynx	218	1.1	2.0	**3.2**	0.16	0.42	34	0.2	0.3	**0.4**	0.02	0.05	*C32*
Trachea, bronchus and lung	1534	7.9	13.9	**21.3**	0.72	2.59	1183	5.5	11.0	**11.7**	0.44	1.35	*C33-34*
Other thoracic organs	48	0.2	0.4	**0.4**	0.03	0.04	22	0.1	0.2	**0.2**	0.01	0.02	*C37-38*
Bone	111	0.6	1.0	**1.1**	0.07	0.10	83	0.4	0.8	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	214	1.1	1.9	**2.5**	0.13	0.27	288	1.3	2.7	**2.7**	0.19	0.29	*C43*
Other skin	79		0.7	**0.9**	0.06	0.10	111		1.0	**1.1**	0.07	0.11	*C44*
Mesothelioma	64	0.3	0.6	**0.8**	0.03	0.09	37	0.2	0.3	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	194	1.0	1.8	**1.7**	0.12	0.15	6	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	213	1.1	1.9	**2.2**	0.14	0.24	198	0.9	1.8	**1.8**	0.12	0.17	*C47+C49*
Breast	21	0.1	0.2	**0.3**	0.01	0.03	5985	27.8	55.7	**61.0**	4.40	7.07	*C50*
Vulva							116	0.5	1.1	**1.1**	0.05	0.12	*C51*
Vagina							64	0.3	0.6	**0.6**	0.04	0.07	*C52*
Cervix uteri							1220	5.7	11.3	**11.6**	0.89	1.24	*C53*
Corpus uteri							1364	6.3	12.7	**14.4**	1.08	1.74	*C54*
Uterus unspecified							31	0.1	0.3	**0.3**	0.02	0.03	*C55*
Ovary							855	4.0	8.0	**8.6**	0.56	0.96	*C56*
Other female genital organs							34	0.2	0.3	**0.4**	0.02	0.04	*C57*
Placenta							16	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	70	0.4	0.6	**0.8**	0.05	0.09							*C60*
Prostate	5526	28.3	50.2	**82.2**	3.53	11.17							*C61*
Testis	559	2.9	5.1	**4.4**	0.31	0.31							*C62*
Other male genital organs	10	0.1	0.1	**0.1**	0.00	0.01							*C63*
Kidney	896	4.6	8.1	**11.7**	0.68	1.45	582	2.7	5.4	**6.0**	0.36	0.71	*C64*
Renal pelvis	37	0.2	0.3	**0.5**	0.01	0.07	31	0.1	0.3	**0.3**	0.01	0.05	*C65*
Ureter	14	0.1	0.1	**0.2**	0.01	0.03	14	0.1	0.1	**0.1**	0.00	0.02	*C66*
Bladder	719	3.7	6.5	**9.7**	0.34	1.09	263	1.2	2.4	**2.5**	0.10	0.28	*C67*
Other urinary organs	13	0.1	0.1	**0.2**	0.01	0.01	7	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	49	0.3	0.4	**0.5**	0.02	0.04	42	0.2	0.4	**0.4**	0.02	0.03	*C69*
Brain, nervous system	460	2.4	4.2	**4.9**	0.28	0.49	384	1.8	3.6	**3.8**	0.23	0.35	*C70-72*
Thyroid	243	1.2	2.2	**2.6**	0.19	0.29	1212	5.6	11.3	**11.3**	0.88	1.13	*C73*
Adrenal gland	21	0.1	0.2	**0.3**	0.01	0.03	34	0.2	0.3	**0.4**	0.02	0.03	*C74*
Other endocrine	21	0.1	0.2	**0.2**	0.01	0.02	10	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	248	1.3	2.3	**2.5**	0.17	0.24	183	0.9	1.7	**1.7**	0.11	0.15	*C81*
Non-Hodgkin lymphoma	1083	5.5	9.8	**12.7**	0.71	1.39	941	4.4	8.8	**9.4**	0.50	1.08	*C82-85,C96*
Immunoproliferative diseases	6	0.0	0.1	**0.1**	0.00	0.00	8	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	316	1.6	2.9	**4.3**	0.22	0.52	274	1.3	2.5	**2.8**	0.14	0.35	*C90*
Lymphoid leukaemia	490	2.5	4.4	**5.1**	0.25	0.38	368	1.7	3.4	**3.7**	0.21	0.31	*C91*
Myeloid leukaemia	374	1.9	3.4	**4.1**	0.24	0.39	275	1.3	2.6	**2.6**	0.15	0.26	*C92-94*
Leukaemia unspecified	20	0.1	0.2	**0.2**	0.01	0.02	26	0.1	0.2	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	70	0.4	0.6	**0.8**	0.04	0.08	97	0.5	0.9	**1.0**	0.06	0.11	*MPD*
Myelodysplastic syndromes	139	0.7	1.3	**1.7**	0.05	0.18	136	0.6	1.3	**1.3**	0.04	0.13	*MDS*
Other and unspecified	476	2.4	4.3	**6.3**	0.27	0.73	639	3.0	5.9	**6.2**	0.27	0.68	*O&U*
All sites	19603		177.9	**257.0**	12.33	31.04	21637		201.2	**215.5**	13.43	24.19	*C00-96*
All sites except C44	19524	100.0	177.2	**256.2**	12.27	30.94	21526	100.0	200.2	**214.5**	13.36	24.08	*C00-96 exc. C44*

§Includes 2 cases of unknown age

*See note following population pyramid

*USA, California, Los Angeles County: Japanese (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	10	0.6	3.5	**2.1**	0.17	0.26	6	0.4	1.8	**0.7**	0.04	0.08	*C01-02*
Mouth	2	0.1	0.7	**0.2**	0.00	0.00	2	0.1	0.6	**0.3**	0.02	0.02	*C03-06*
Salivary glands	2	0.1	0.7	**0.3**	0.02	0.02	6	0.4	1.8	**1.2**	0.11	0.13	*C07-08*
Tonsil	3	0.2	1.1	**0.6**	0.03	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	1	0.1	0.4	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	2	0.1	0.7	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	3	0.2	1.1	**0.8**	0.07	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.1	0.4	**0.3**	0.00	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	33	2.1	11.6	**5.7**	0.42	0.68	9	0.6	2.7	**1.2**	0.11	0.15	*C15*
Stomach	112	7.0	39.5	**15.4**	0.74	1.62	82	5.0	24.9	**10.0**	0.57	1.15	*C16*
Small intestine	9	0.6	3.2	**1.0**	0.00	0.09	1	0.1	0.3	**0.2**	0.02	0.02	*C17*
Colon	182	11.3	64.2	**28.5**	1.58	2.99	193	11.8	58.5	**23.5**	1.47	2.63	*C18*
Rectum	103	6.4	36.3	**18.6**	1.18	2.38	61	3.7	18.5	**8.6**	0.57	0.99	*C19-20*
Anus	3	0.2	1.1	**0.6**	0.04	0.04	7	0.4	2.1	**0.8**	0.04	0.09	*C21*
Liver	48	3.0	16.9	**10.4**	0.64	1.26	42	2.6	12.7	**4.6**	0.21	0.57	*C22*
Gallbladder etc.	22	1.4	7.8	**3.5**	0.15	0.40	18	1.1	5.5	**2.1**	0.12	0.19	*C23-24*
Pancreas	55	3.4	19.4	**8.9**	0.43	0.86	63	3.9	19.1	**6.7**	0.28	0.78	*C25*
Nose, sinuses etc.	3	0.2	1.1	**0.6**	0.03	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	6	0.4	2.1	**1.3**	0.10	0.18	1	0.1	0.3	**0.0**	0.00	0.00	*C32*
Trachea, bronchus and lung	216	13.4	76.2	**31.0**	1.50	3.42	144	8.8	43.7	**15.8**	0.81	1.87	*C33-34*
Other thoracic organs	4	0.2	1.4	**0.7**	0.04	0.07	2	0.1	0.6	**0.3**	0.02	0.02	*C37-38*
Bone	1	0.1	0.4	**0.9**	0.04	0.04	1	0.1	0.3	**0.4**	0.02	0.02	*C40-41*
Melanoma of skin	6	0.4	2.1	**1.4**	0.10	0.14	4	0.2	1.2	**0.7**	0.06	0.06	*C43*
Other skin	3		1.1	**0.5**	0.03	0.03	6		1.8	**0.7**	0.02	0.02	*C44*
Mesothelioma	3	0.2	1.1	**0.9**	0.08	0.13	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	11	0.7	3.9	**2.7**	0.14	0.17	7	0.4	2.1	**1.4**	0.11	0.14	*C47+C49*
Breast	1	0.1	0.4	**0.2**	0.02	0.02	509	31.1	154.3	**85.4**	6.91	9.36	*C50*
Vulva							2	0.1	0.6	**0.3**	0.03	0.03	*C51*
Vagina							1	0.1	0.3	**0.1**	0.00	0.02	*C52*
Cervix uteri							42	2.6	12.7	**8.9**	0.75	0.85	*C53*
Corpus uteri							99	6.1	30.0	**16.9**	1.37	2.04	*C54*
Uterus unspecified							3	0.2	0.9	**0.6**	0.06	0.06	*C55*
Ovary							60	3.7	18.2	**10.7**	0.91	1.06	*C56*
Other female genital organs							2	0.1	0.6	**0.3**	0.02	0.04	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	418	26.0	147.4	**70.0**	3.69	8.88							*C61*
Testis	20	1.2	7.1	**5.6**	0.41	0.53							*C62*
Other male genital organs	1	0.1	0.4	**0.3**	0.00	0.04							*C63*
Kidney	30	1.9	10.6	**5.9**	0.47	0.73	17	1.0	5.2	**3.6**	0.24	0.37	*C64*
Renal pelvis	2	0.1	0.7	**0.3**	0.00	0.04	5	0.3	1.5	**0.5**	0.00	0.05	*C65*
Ureter	2	0.1	0.7	**0.3**	0.00	0.03	3	0.2	0.9	**0.3**	0.00	0.05	*C66*
Bladder	97	6.0	34.2	**12.8**	0.53	1.17	24	1.5	7.3	**3.0**	0.17	0.32	*C67*
Other urinary organs	3	0.2	1.1	**0.3**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.6	**0.5**	0.05	0.05	*C69*
Brain, nervous system	16	1.0	5.6	**6.7**	0.36	0.43	9	0.6	2.7	**2.3**	0.15	0.20	*C70-72*
Thyroid	12	0.7	4.2	**3.0**	0.29	0.32	33	2.0	10.0	**7.1**	0.59	0.71	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.3	**1.0**	0.04	0.04	*C74*
Other endocrine	1	0.1	0.4	**0.7**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	1	0.1	0.4	**0.1**	0.00	0.00	4	0.2	1.2	**0.9**	0.07	0.10	*C81*
Non-Hodgkin lymphoma	58	3.6	20.4	**8.7**	0.44	0.94	71	4.3	21.5	**9.4**	0.56	0.92	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.3	**0.1**	0.00	0.00	*C88*
Multiple myeloma	15	0.9	5.3	**1.8**	0.03	0.19	10	0.6	3.0	**1.1**	0.06	0.11	*C90*
Lymphoid leukaemia	11	0.7	3.9	**2.1**	0.08	0.22	7	0.4	2.1	**1.7**	0.11	0.14	*C91*
Myeloid leukaemia	15	0.9	5.3	**2.8**	0.22	0.32	14	0.9	4.2	**2.2**	0.13	0.21	*C92-94*
Leukaemia unspecified	2	0.1	0.7	**0.2**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	2	0.1	0.7	**0.4**	0.00	0.08	9	0.6	2.7	**1.0**	0.02	0.12	*MPD*
Myelodysplastic syndromes	21	1.3	7.4	**2.1**	0.05	0.18	22	1.3	6.7	**2.2**	0.11	0.23	*MDS*
Other and unspecified	38	2.4	13.4	**5.0**	0.19	0.51	36	2.2	10.9	**4.5**	0.25	0.45	*O&U*
All sites	1610		567.6	**266.4**	14.41	29.80	1641		497.4	**243.6**	17.24	26.45	*C00-96*
All sites except C44	1607	100.0	566.5	**265.8**	14.38	29.77	1635	100.0	495.6	**242.9**	17.21	26.43	*C00-96 exc. C44*

*See note following population pyramid

*USA, California, Los Angeles County: Korean (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	9	0.6	1.8	**1.5**	0.09	0.21	9	0.6	1.6	**1.2**	0.11	0.17	*C01-02*
Mouth	5	0.3	1.0	**0.8**	0.05	0.09	4	0.3	0.7	**0.4**	0.02	0.02	*C03-06*
Salivary glands	5	0.3	1.0	**0.8**	0.07	0.11	3	0.2	0.5	**0.4**	0.03	0.03	*C07-08*
Tonsil	8	0.5	1.6	**1.3**	0.08	0.15	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	3	0.2	0.6	**0.6**	0.00	0.13	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	3	0.2	0.6	**0.5**	0.02	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	18	1.1	3.7	**2.9**	0.15	0.40	2	0.1	0.4	**0.2**	0.01	0.01	*C15*
Stomach	245	15.4	49.9	**39.4**	1.57	4.91	157	10.1	28.4	**17.6**	0.75	1.85	*C16*
Small intestine	8	0.5	1.6	**1.3**	0.03	0.20	2	0.1	0.4	**0.3**	0.02	0.05	*C17*
Colon	144	9.1	29.3	**23.0**	0.69	2.78	125	8.0	22.6	**15.4**	0.93	1.81	*C18*
Rectum	97	6.1	19.7	**15.6**	0.91	1.95	83	5.3	15.0	**10.0**	0.62	1.10	*C19-20*
Anus	4	0.3	0.8	**0.6**	0.02	0.05	2	0.1	0.4	**0.1**	0.00	0.00	*C21*
Liver	161	10.2	32.8	**26.3**	1.44	3.18	69	4.4	12.5	**8.1**	0.28	1.04	*C22*
Gallbladder etc.	36	2.3	7.3	**5.7**	0.20	0.70	42	2.7	7.6	**4.5**	0.22	0.48	*C23-24*
Pancreas	62	3.9	12.6	**10.3**	0.50	1.39	54	3.5	9.8	**6.3**	0.30	0.75	*C25*
Nose, sinuses etc.	3	0.2	0.6	**0.4**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	15	0.9	3.1	**2.4**	0.16	0.30	2	0.1	0.4	**0.3**	0.02	0.05	*C32*
Trachea, bronchus and lung	195	12.3	39.7	**30.6**	0.92	3.56	123	7.9	22.2	**13.8**	0.55	1.58	*C33-34*
Other thoracic organs	1	0.1	0.2	**0.2**	0.00	0.05	2	0.1	0.4	**0.3**	0.02	0.02	*C37-38*
Bone	4	0.3	0.8	**0.8**	0.06	0.06	6	0.4	1.1	**1.5**	0.08	0.08	*C40-41*
Melanoma of skin	5	0.3	1.0	**0.9**	0.05	0.14	4	0.3	0.7	**0.5**	0.02	0.05	*C43*
Other skin	1		0.2	**0.2**	0.00	0.05	5		0.9	**0.5**	0.01	0.04	*C44*
Mesothelioma	1	0.1	0.2	**0.1**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	2	0.1	0.4	**0.3**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	8	0.5	1.6	**1.2**	0.06	0.13	5	0.3	0.9	**0.8**	0.06	0.09	*C47+C49*
Breast	5	0.3	1.0	**0.9**	0.02	0.16	406	26.1	73.4	**53.1**	4.29	5.76	*C50*
Vulva							6	0.4	1.1	**0.6**	0.00	0.06	*C51*
Vagina							3	0.2	0.5	**0.3**	0.01	0.04	*C52*
Cervix uteri							65	4.2	11.8	**7.9**	0.59	0.73	*C53*
Corpus uteri							42	2.7	7.6	**5.3**	0.37	0.56	*C54*
Uterus unspecified							2	0.1	0.4	**0.2**	0.00	0.03	*C55*
Ovary							48	3.1	8.7	**6.1**	0.46	0.63	*C56*
Other female genital organs							2	0.1	0.4	**0.2**	0.01	0.01	*C57*
Placenta							1	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	2	0.1	0.4	**0.3**	0.01	0.01							*C60*
Prostate	216	13.6	44.0	**35.9**	0.77	5.17							*C61*
Testis	6	0.4	1.2	**0.9**	0.08	0.08							*C62*
Other male genital organs	4	0.3	0.8	**0.7**	0.04	0.12							*C63*
Kidney	40	2.5	8.1	**6.4**	0.37	0.73	20	1.3	3.6	**2.4**	0.10	0.29	*C64*
Renal pelvis	3	0.2	0.6	**0.5**	0.00	0.09	5	0.3	0.9	**0.7**	0.03	0.12	*C65*
Ureter	4	0.3	0.8	**0.7**	0.00	0.13	1	0.1	0.2	**0.1**	0.01	0.01	*C66*
Bladder	101	6.4	20.6	**16.2**	0.46	2.13	16	1.0	2.9	**1.7**	0.00	0.17	*C67*
Other urinary organs	1	0.1	0.2	**0.1**	0.00	0.00	2	0.1	0.4	**0.1**	0.00	0.00	*C68*
Eye	1	0.1	0.2	**0.2**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	15	0.9	3.1	**2.7**	0.16	0.33	15	1.0	2.7	**2.5**	0.15	0.20	*C70-72*
Thyroid	20	1.3	4.1	**3.3**	0.25	0.36	84	5.4	15.2	**11.5**	0.82	1.26	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	2	0.1	0.4	**0.5**	0.03	0.03	1	0.1	0.2	**0.3**	0.01	0.01	*C75*
Hodgkin lymphoma	2	0.1	0.4	**0.4**	0.03	0.03	3	0.2	0.5	**0.5**	0.03	0.06	*C81*
Non-Hodgkin lymphoma	42	2.6	8.5	**6.6**	0.43	0.81	42	2.7	7.6	**5.4**	0.31	0.73	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	10	0.6	2.0	**1.6**	0.07	0.18	9	0.6	1.6	**1.1**	0.07	0.12	*C90*
Lymphoid leukaemia	6	0.4	1.2	**1.1**	0.07	0.11	3	0.2	0.5	**0.6**	0.03	0.06	*C91*
Myeloid leukaemia	16	1.0	3.3	**3.1**	0.15	0.22	17	1.1	3.1	**1.9**	0.11	0.20	*C92-94*
Leukaemia unspecified	1	0.1	0.2	**0.3**	0.02	0.02	1	0.1	0.2	**0.2**	0.00	0.03	*C95*
Myeloproliferative disorders	3	0.2	0.6	**0.5**	0.05	0.05	1	0.1	0.2	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	12	0.8	2.4	**1.9**	0.08	0.24	17	1.1	3.1	**2.0**	0.09	0.15	*MDS*
Other and unspecified	32	2.0	6.5	**5.2**	0.16	0.67	50	3.2	9.0	**5.1**	0.22	0.45	*O&U*
All sites	1587		322.9	**257.7**	10.34	32.38	1561		282.3	**192.4**	11.82	20.93	*C00-96*
All sites except C44	1586	100.0	322.7	**257.5**	10.34	32.33	1556	100.0	281.4	**191.9**	11.80	20.89	*C00-96 exc. C44*

*See note following population pyramid

*USA, California, Los Angeles County: Non-Hispanic White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	103	0.2	1.4	**0.8**	0.05	0.09	35	0.1	0.5	**0.2**	0.01	0.02	*C00*
Tongue	449	0.9	6.1	**3.7**	0.26	0.46	205	0.4	2.7	**1.4**	0.09	0.16	*C01-02*
Mouth	221	0.5	3.0	**1.7**	0.10	0.22	160	0.3	2.1	**1.0**	0.05	0.11	*C03-06*
Salivary glands	156	0.3	2.1	**1.1**	0.05	0.12	102	0.2	1.4	**0.7**	0.04	0.08	*C07-08*
Tonsil	280	0.6	3.8	**2.4**	0.20	0.28	70	0.2	0.9	**0.6**	0.04	0.07	*C09*
Other oropharynx	54	0.1	0.7	**0.4**	0.03	0.05	21	0.0	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	56	0.1	0.8	**0.5**	0.04	0.05	19	0.0	0.3	**0.1**	0.01	0.02	*C11*
Hypopharynx	85	0.2	1.1	**0.7**	0.04	0.09	27	0.1	0.4	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	31	0.1	0.4	**0.3**	0.02	0.03	12	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	620	1.3	8.4	**4.6**	0.23	0.58	240	0.5	3.2	**1.2**	0.05	0.15	*C15*
Stomach	824	1.7	11.1	**5.7**	0.27	0.67	466	1.0	6.2	**2.3**	0.11	0.25	*C16*
Small intestine	202	0.4	2.7	**1.4**	0.09	0.15	137	0.3	1.8	**0.8**	0.05	0.10	*C17*
Colon	3387	7.1	45.8	**23.1**	1.04	2.73	3569	7.8	47.6	**18.2**	0.85	2.05	*C18*
Rectum	1395	2.9	18.9	**10.5**	0.59	1.28	1138	2.5	15.2	**6.8**	0.39	0.79	*C19-20*
Anus	201	0.4	2.7	**1.6**	0.10	0.16	252	0.6	3.4	**1.7**	0.13	0.21	*C21*
Liver	734	1.5	9.9	**5.7**	0.38	0.68	335	0.7	4.5	**2.0**	0.10	0.23	*C22*
Gallbladder etc.	220	0.5	3.0	**1.3**	0.06	0.14	290	0.6	3.9	**1.5**	0.07	0.18	*C23-24*
Pancreas	1131	2.4	15.3	**7.8**	0.41	0.91	1236	2.7	16.5	**6.2**	0.28	0.70	*C25*
Nose, sinuses etc.	78	0.2	1.1	**0.6**	0.03	0.07	68	0.1	0.9	**0.4**	0.03	0.04	*C30-31*
Larynx	516	1.1	7.0	**3.8**	0.21	0.47	103	0.2	1.4	**0.7**	0.05	0.09	*C32*
Trachea, bronchus and lung	5695	12.0	77.0	**39.4**	1.63	5.01	5559	12.1	74.1	**31.9**	1.41	4.14	*C33-34*
Other thoracic organs	59	0.1	0.8	**0.6**	0.04	0.05	34	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	120	0.3	1.6	**1.5**	0.09	0.11	85	0.2	1.1	**1.0**	0.07	0.07	*C40-41*
Melanoma of skin	3265	6.9	44.2	**25.7**	1.64	2.77	2055	4.5	27.4	**16.9**	1.22	1.69	*C43*
Other skin	370		5.0	**2.5**	0.11	0.24	204		2.7	**1.2**	0.08	0.11	*C44*
Mesothelioma	174	0.4	2.4	**1.1**	0.04	0.14	49	0.1	0.7	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	196	0.4	2.7	**1.8**	0.14	0.17	14	0.0	0.2	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	426	0.9	5.8	**3.4**	0.18	0.34	255	0.6	3.4	**2.0**	0.13	0.20	*C47+C49*
Breast	109	0.2	1.5	**0.8**	0.04	0.11	14002	30.6	186.7	**103.4**	7.39	12.08	*C50*
Vulva							251	0.5	3.3	**1.5**	0.09	0.16	*C51*
Vagina							75	0.2	1.0	**0.5**	0.02	0.05	*C52*
Cervix uteri							664	1.5	8.9	**6.0**	0.47	0.59	*C53*
Corpus uteri							2653	5.8	35.4	**19.3**	1.39	2.39	*C54*
Uterus unspecified							58	0.1	0.8	**0.3**	0.02	0.04	*C55*
Ovary							1600	3.5	21.3	**11.4**	0.77	1.29	*C56*
Other female genital organs							88	0.2	1.2	**0.6**	0.04	0.06	*C57*
Placenta							3	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	54	0.1	0.7	**0.4**	0.02	0.05							*C60*
Prostate	12841	27.0	173.7	**98.7**	5.19	13.46							*C61*
Testis	580	1.2	7.8	**7.0**	0.52	0.54							*C62*
Other male genital organs	26	0.1	0.4	**0.2**	0.01	0.02							*C63*
Kidney	1469	3.1	19.9	**11.4**	0.72	1.35	801	1.7	10.7	**5.7**	0.35	0.66	*C64*
Renal pelvis	137	0.3	1.9	**0.9**	0.04	0.09	80	0.2	1.1	**0.3**	0.01	0.03	*C65*
Ureter	62	0.1	0.8	**0.4**	0.01	0.05	41	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	3692	7.8	49.9	**24.0**	0.96	2.78	1128	2.5	15.0	**5.8**	0.25	0.69	*C67*
Other urinary organs	37	0.1	0.5	**0.2**	0.01	0.03	24	0.1	0.3	**0.1**	0.01	0.01	*C68*
Eye	86	0.2	1.2	**0.7**	0.04	0.07	90	0.2	1.2	**0.8**	0.05	0.08	*C69*
Brain, nervous system	747	1.6	10.1	**7.1**	0.46	0.69	591	1.3	7.9	**5.6**	0.34	0.51	*C70-72*
Thyroid	555	1.2	7.5	**5.0**	0.38	0.52	1394	3.0	18.6	**13.5**	1.04	1.31	*C73*
Adrenal gland	26	0.1	0.4	**0.3**	0.02	0.02	23	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	17	0.0	0.2	**0.2**	0.01	0.02	9	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	303	0.6	4.1	**3.5**	0.25	0.29	253	0.6	3.4	**3.0**	0.21	0.24	*C81*
Non-Hodgkin lymphoma	2225	4.7	30.1	**17.1**	0.96	1.90	1883	4.1	25.1	**11.6**	0.65	1.32	*C82-85,C96*
Immunoproliferative diseases	54	0.1	0.7	**0.4**	0.01	0.05	37	0.1	0.5	**0.2**	0.01	0.03	*C88*
Multiple myeloma	554	1.2	7.5	**3.9**	0.18	0.48	432	0.9	5.8	**2.4**	0.13	0.29	*C90*
Lymphoid leukaemia	811	1.7	11.0	**7.3**	0.38	0.68	557	1.2	7.4	**4.2**	0.22	0.40	*C91*
Myeloid leukaemia	628	1.3	8.5	**5.0**	0.26	0.53	478	1.0	6.4	**3.1**	0.17	0.32	*C92-94*
Leukaemia unspecified	39	0.1	0.5	**0.2**	0.01	0.02	34	0.1	0.5	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	275	0.6	3.7	**1.9**	0.11	0.21	250	0.5	3.3	**1.5**	0.09	0.16	*MPD*
Myelodysplastic syndromes	508	1.1	6.9	**2.9**	0.07	0.26	393	0.9	5.2	**1.8**	0.07	0.19	*MDS*
Other and unspecified	1099	2.3	14.9	**7.4**	0.36	0.81	1344	2.9	17.9	**6.8**	0.34	0.74	*O&U*
All sites	47982		649.1	**360.6**	19.05	43.11	45976		613.2	**310.3**	19.48	35.32	*C00-96*
All sites except C44	47612	100.0	644.1	**358.2**	18.93	42.87	45772	100.0	610.5	**309.1**	19.40	35.21	*C00-96 exc. C44*
	§Includes 2 cases of unknown age						§Includes 3 cases of unknown age						

*See note following population pyramid

*USA, California, Los Angeles County: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	123	0.2	0.7	**0.6**	0.03	0.07	42	0.1	0.2	**0.1**	0.01	0.02	*C00*
Tongue	551	0.8	3.0	**2.8**	0.18	0.34	279	0.4	1.5	**1.1**	0.07	0.13	*C01-02*
Mouth	298	0.4	1.6	**1.5**	0.09	0.18	214	0.3	1.2	**0.8**	0.04	0.09	*C03-06*
Salivary glands	213	0.3	1.2	**0.9**	0.04	0.10	169	0.3	0.9	**0.7**	0.04	0.08	*C07-08*
Tonsil	347	0.5	1.9	**1.7**	0.15	0.21	95	0.1	0.5	**0.4**	0.03	0.05	*C09*
Other oropharynx	66	0.1	0.4	**0.3**	0.02	0.04	26	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	84	0.1	0.5	**0.4**	0.03	0.05	34	0.1	0.2	**0.1**	0.01	0.02	*C11*
Hypopharynx	131	0.2	0.7	**0.7**	0.04	0.09	37	0.1	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	40	0.1	0.2	**0.2**	0.02	0.03	17	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	824	1.2	4.5	**3.9**	0.19	0.49	293	0.4	1.6	**0.9**	0.03	0.12	*C15*
Stomach	1590	2.4	8.6	**7.3**	0.36	0.85	1163	1.7	6.4	**4.2**	0.23	0.47	*C16*
Small intestine	268	0.4	1.5	**1.2**	0.07	0.13	209	0.3	1.1	**0.8**	0.05	0.09	*C17*
Colon	4692	7.0	25.5	**21.2**	0.95	2.50	4970	7.4	27.2	**16.6**	0.79	1.87	*C18*
Rectum	2089	3.1	11.3	**9.9**	0.55	1.21	1670	2.5	9.2	**6.3**	0.36	0.73	*C19-20*
Anus	262	0.4	1.4	**1.2**	0.08	0.13	334	0.5	1.8	**1.3**	0.09	0.16	*C21*
Liver	1592	2.4	8.6	**7.8**	0.51	0.95	760	1.1	4.2	**2.9**	0.14	0.35	*C22*
Gallbladder etc.	391	0.6	2.1	**1.7**	0.07	0.18	645	1.0	3.5	**2.3**	0.12	0.27	*C23-24*
Pancreas	1594	2.4	8.7	**7.3**	0.35	0.86	1779	2.6	9.7	**5.8**	0.26	0.66	*C25*
Nose, sinuses etc.	119	0.2	0.6	**0.5**	0.03	0.07	110	0.2	0.6	**0.4**	0.03	0.04	*C30-31*
Larynx	734	1.1	4.0	**3.5**	0.19	0.45	137	0.2	0.8	**0.6**	0.04	0.07	*C32*
Trachea, bronchus and lung	7229	10.8	39.3	**33.0**	1.27	4.15	6742	10.0	36.9	**24.1**	1.00	3.06	*C33-34*
Other thoracic organs	107	0.2	0.6	**0.5**	0.04	0.05	56	0.1	0.3	**0.2**	0.02	0.03	*C37-38*
Bone	231	0.3	1.3	**1.2**	0.08	0.10	168	0.2	0.9	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	3479	5.2	18.9	**15.9**	0.95	1.74	2343	3.5	12.8	**9.8**	0.69	1.02	*C43*
Other skin	449		2.4	**1.9**	0.09	0.19	315		1.7	**1.2**	0.07	0.11	*C44*
Mesothelioma	238	0.4	1.3	**1.0**	0.04	0.12	86	0.1	0.5	**0.3**	0.01	0.04	*C45*
Kaposi sarcoma	390	0.6	2.1	**1.7**	0.13	0.16	20	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	639	1.0	3.5	**3.0**	0.16	0.30	453	0.7	2.5	**2.0**	0.13	0.19	*C47+C49*
Breast	130	0.2	0.7	**0.6**	0.03	0.08	19987	29.7	109.5	**85.1**	6.01	9.95	*C50*
Vulva							367	0.5	2.0	**1.3**	0.07	0.14	*C51*
Vagina							139	0.2	0.8	**0.5**	0.03	0.06	*C52*
Cervix uteri							1884	2.8	10.3	**8.5**	0.66	0.87	*C53*
Corpus uteri							4017	6.0	22.0	**17.5**	1.27	2.14	*C54*
Uterus unspecified							89	0.1	0.5	**0.3**	0.02	0.03	*C55*
Ovary							2455	3.6	13.5	**10.2**	0.67	1.15	*C56*
Other female genital organs							122	0.2	0.7	**0.5**	0.03	0.05	*C57*
Placenta							19	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	124	0.2	0.7	**0.6**	0.03	0.06							*C60*
Prostate	18367	27.4	99.8	**92.1**	4.53	12.58							*C61*
Testis	1139	1.7	6.2	**5.5**	0.40	0.42							*C62*
Other male genital organs	36	0.1	0.2	**0.1**	0.01	0.02							*C63*
Kidney	2365	3.5	12.8	**11.5**	0.70	1.38	1383	2.1	7.6	**5.7**	0.35	0.68	*C64*
Renal pelvis	174	0.3	0.9	**0.7**	0.03	0.08	111	0.2	0.6	**0.3**	0.01	0.04	*C65*
Ureter	76	0.1	0.4	**0.4**	0.01	0.05	55	0.1	0.3	**0.2**	0.01	0.02	*C66*
Bladder	4411	6.6	24.0	**19.1**	0.71	2.18	1391	2.1	7.6	**4.6**	0.19	0.53	*C67*
Other urinary organs	50	0.1	0.3	**0.2**	0.01	0.02	31	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	135	0.2	0.7	**0.7**	0.04	0.06	132	0.2	0.7	**0.7**	0.04	0.06	*C69*
Brain, nervous system	1207	1.8	6.6	**6.1**	0.37	0.60	975	1.4	5.3	**4.5**	0.28	0.43	*C70-72*
Thyroid	798	1.2	4.3	**3.8**	0.28	0.42	2606	3.9	14.3	**12.2**	0.94	1.21	*C73*
Adrenal gland	47	0.1	0.3	**0.3**	0.01	0.02	57	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	38	0.1	0.2	**0.2**	0.01	0.02	19	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	551	0.8	3.0	**2.7**	0.19	0.24	436	0.6	2.4	**2.1**	0.14	0.18	*C81*
Non-Hodgkin lymphoma	3308	4.9	18.0	**15.3**	0.84	1.70	2824	4.2	15.5	**10.7**	0.58	1.22	*C82-85,C96*
Immunoproliferative diseases	60	0.1	0.3	**0.3**	0.01	0.03	45	0.1	0.2	**0.2**	0.01	0.02	*C88*
Multiple myeloma	870	1.3	4.7	**4.0**	0.20	0.50	706	1.0	3.9	**2.6**	0.13	0.31	*C90*
Lymphoid leukaemia	1301	1.9	7.1	**6.7**	0.34	0.59	925	1.4	5.1	**4.2**	0.22	0.38	*C91*
Myeloid leukaemia	1002	1.5	5.4	**4.7**	0.25	0.48	753	1.1	4.1	**3.0**	0.16	0.30	*C92-94*
Leukaemia unspecified	59	0.1	0.3	**0.2**	0.01	0.02	60	0.1	0.3	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	345	0.5	1.9	**1.5**	0.08	0.16	347	0.5	1.9	**1.3**	0.07	0.14	*MPD*
Myelodysplastic syndromes	647	1.0	3.5	**2.5**	0.06	0.23	529	0.8	2.9	**1.6**	0.06	0.17	*MDS*
Other and unspecified	1575	2.3	8.6	**7.0**	0.32	0.78	1983	2.9	10.9	**6.5**	0.31	0.72	*O&U*
All sites	67585		367.1	**319.6**	16.14	38.43	67613		370.5	**269.3**	16.64	30.60	*C00-96*
All sites except C44	67136	100.0	364.7	**317.8**	16.05	38.24	67298	100.0	368.8	**268.1**	16.57	30.48	*C00-96 exc. C44*
	§Includes 4 cases of unknown age						§Includes 3 cases of unknown age						

*See note following population pyramid

USA, California, San Francisco Bay Area

REGISTRATION AREA

The Greater Bay Area Cancer Registry (GBACR) covers the populations of nine counties in the northern part of the state of California in the USA: Alameda, Contra Costa, Marin, Monterey, San Benito, San Francisco, San Mateo, Santa Clara, and Santa Cruz. The region is noteworthy for its racial/ethnic diversity, with substantial Hispanic and Asian populations. Most of the area's residents live in the urban San Francisco Bay Area, which includes a major financial centre as well as the technology centre nicknamed Silicon Valley.

CANCER CARE FACILITIES

Cancer screening, diagnosis, and treatment are provided mostly through private insurance programmes by private hospitals and physicians, but there are also publicly funded services. Cancer patients in the region are served by more than 71 hospitals (including two large academic cancer centres), as well as more than 21 000 physicians and free-standing radiation, surgery, and pathology services. A significant proportion of residents receive managed health care through health maintenance organizations.

REGISTRY STRUCTURE AND METHODS

The GBACR has a staff of about 50 and is operated by the Cancer Prevention Institute of California. The GBACR has been part of the SEER Program since 1973, and data from Monterey, San Benito, Santa Clara, and Santa Cruz counties have been collected since 1988. The GBACR contains more than 900 000 incident cases and processes about 35 000 incident cases annually. Cancer has been a reportable disease by California state mandate since 1987. The law requires regional hospitals and private physicians to report all cancer diagnoses to a regional registry such as GBACR. A hospital-based computerized reporting system enables each hospital to electronically transmit registry-reportable information; 90% of all reports are received in this way. Quality assurance procedures implement SEER and North American Association of Central Cancer Registries (NAACCR) standards for visual and computerized editing, re-abstractions, and audits.

INTERPRETING THE RESULTS

Over the past decade, factors influencing cancer diagnosis and registration in the region have generally been stable. Efforts to improve reporting of physician-diagnosed cases, particularly melanomas, have increased. The Greater Bay Area has average to high rates of compliance with national cancer screening recommendations, particularly for mammography. Intense public attention has been paid to the high rates of breast cancer in the region.

USE OF THE DATA

GBACR data are used extensively to investigate trends in cancer occurrence and survival, particularly among ethnic minority groups. Investigators can also apply to access patient information to carry out more detailed epidemiological research studies.

CONTRIBUTORS

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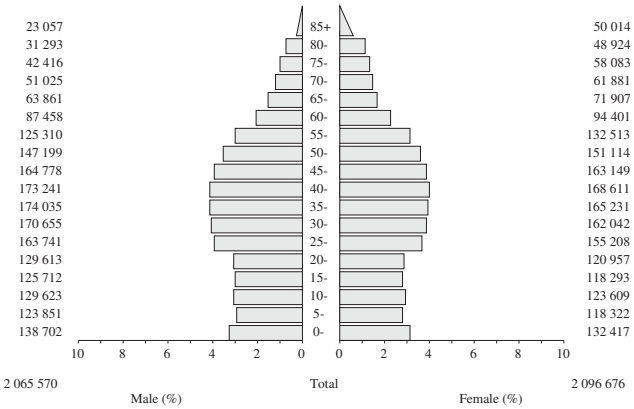
USA, California, San Francisco Bay Area (2003-2007)
Average annual person-years by sex and age group

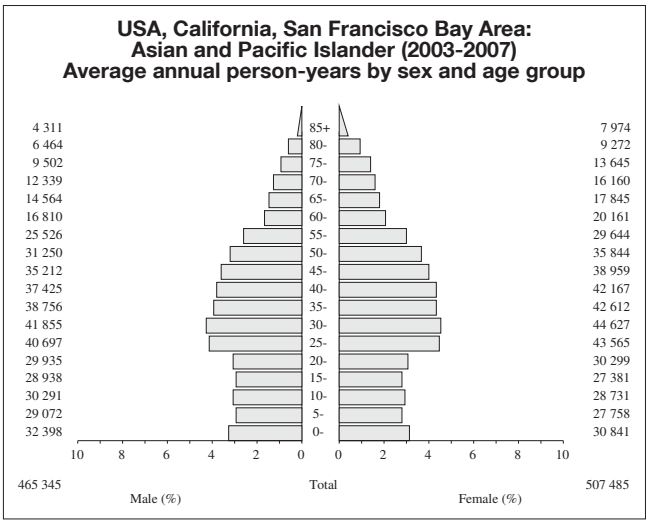


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

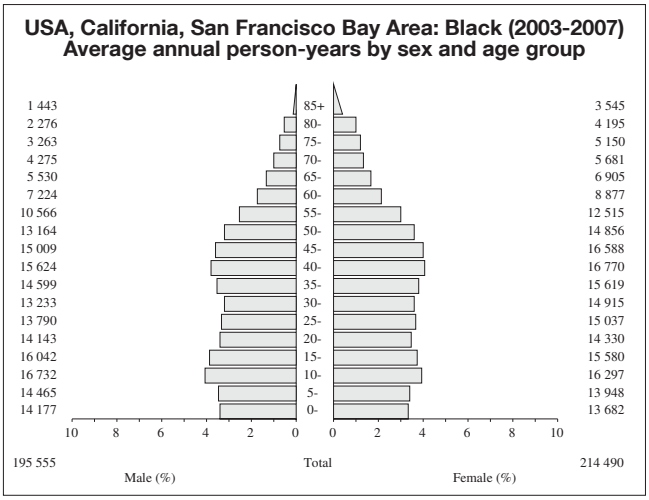
Male		Female	
Prostate	108.6	Breast	92.0
Trachea, bronchus and lung	37.2	Trachea, bronchus and lung	29.3
Colon	20.7	Colon	17.7
Bladder	18.4	Corpus uteri	16.8
Non-Hodgkin lymphoma	16.9	Non-Hodgkin lymphoma	10.5
Melanoma of skin	14.9	Melanoma of skin	10.4
Liver	10.8	Ovary	9.8
Rectum	10.7	Thyroid	9.4
Kidney	10.4	Rectum	6.4
Pancreas	7.7	Pancreas	5.9
All sites	338.8	All sites	271.6



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, SAN FRANCISCO BAY AREA: ASIAN AND PACIFIC ISLANDER 10 MAJOR CANCERS, ASR (WORLD) PER 100 000

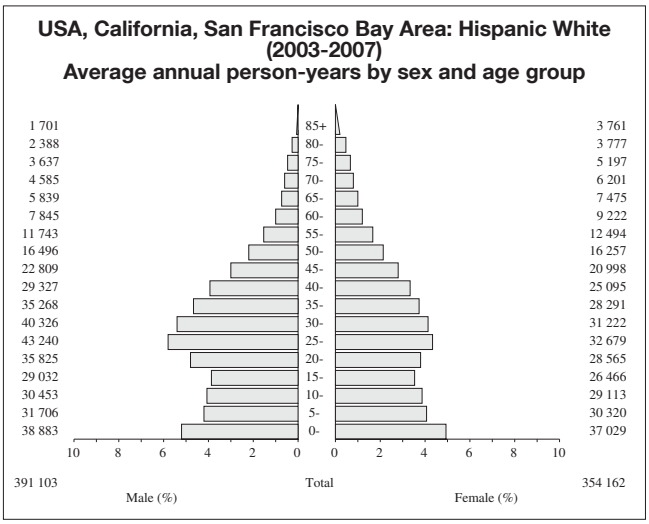
Male		Female	
Prostate	60.6	Breast	69.7
Trachea, bronchus and lung	35.2	Trachea, bronchus and lung	18.8
Liver	18.6	Colon	16.1
Colon	17.1	Corpus uteri	14.0
Non-Hodgkin lymphoma	11.5	Thyroid	10.7
Rectum	11.3	Ovary	9.2
Stomach	9.2	Non-Hodgkin lymphoma	7.1
Bladder	8.5	Rectum	6.5
Kidney	6.0	Liver	5.5
Nasopharynx	5.5	Stomach	5.3
All sites	234.0	All sites	207.4



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, SAN FRANCISCO BAY AREA: BLACK 10 MAJOR CANCERS, ASR (WORLD) PER 100 000

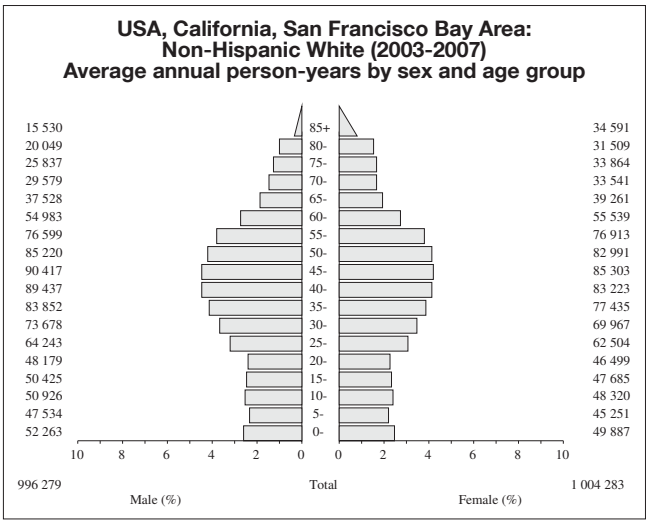
Male		Female	
Prostate	157.6	Breast	87.4
Trachea, bronchus and lung	61.9	Trachea, bronchus and lung	42.5
Colon	28.0	Colon	23.4
Liver	16.3	Corpus uteri	13.8
Kidney	15.2	Non-Hodgkin lymphoma	9.6
Non-Hodgkin lymphoma	14.2	Pancreas	8.9
Bladder	12.7	Other and unspecified	7.5
Rectum	10.5	Kidney	7.5
Pancreas	10.0	Ovary	7.4
Stomach	9.9	Rectum	7.0
All sites	412.9	All sites	280.6



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, SAN FRANCISCO BAY AREA: HISPANIC WHITE 10 MAJOR CANCERS, ASR (WORLD) PER 100 000

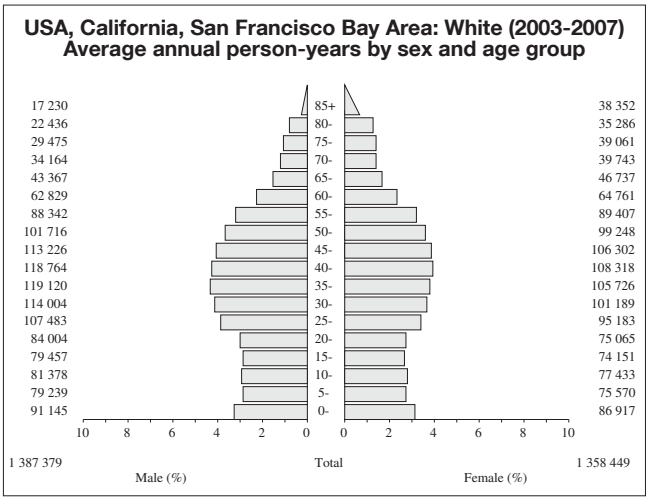
Male		Female	
Prostate	93.7	Breast	78.2
Trachea, bronchus and lung	25.8	Trachea, bronchus and lung	19.7
Colon	21.2	Colon	15.7
Non-Hodgkin lymphoma	16.9	Corpus uteri	14.5
Liver	15.0	Non-Hodgkin lymphoma	11.3
Kidney	12.4	Thyroid	9.9
Bladder	12.0	Ovary	9.6
Stomach	10.5	Cervix uteri	8.2
Rectum	10.0	Kidney	7.8
Pancreas	7.0	Stomach	6.5
All sites	293.4	All sites	245.3



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, SAN FRANCISCO BAY AREA: NON-HISPANIC WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	114.4	Breast	104.1
Trachea, bronchus and lung	36.1	Trachea, bronchus and lung	32.9
Melanoma of skin	23.7	Corpus uteri	18.3
Bladder	23.4	Colon	17.5
Colon	20.5	Melanoma of skin	17.0
Non-Hodgkin lymphoma	18.8	Non-Hodgkin lymphoma	11.5
Kidney	10.9	Ovary	10.2
Rectum	10.2	Thyroid	9.7
Pancreas	8.4	Pancreas	6.2
Brain, nervous system	7.5	Other and unspecified	6.0
All sites	363.1	All sites	297.6



NOTES ON THE DATA: *No official mortality data.

USA, CALIFORNIA, SAN FRANCISCO BAY AREA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	111.5	Breast	99.8
Trachea, bronchus and lung	34.8	Trachea, bronchus and lung	31.0
Bladder	21.9	Corpus uteri	17.8
Colon	20.6	Colon	17.2
Melanoma of skin	20.3	Melanoma of skin	14.4
Non-Hodgkin lymphoma	18.4	Non-Hodgkin lymphoma	11.5
Kidney	11.2	Ovary	10.1
Rectum	10.1	Thyroid	9.6
Pancreas	8.2	Pancreas	6.2
Liver	7.7	Rectum	6.1
All sites	352.3	All sites	288.8

USA, California, San Francisco Bay Area (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	111	0.2	1.1	**0.7**	0.03	0.08	44	0.1	0.4	**0.2**	0.01	0.03	*C00*
Tongue	424	0.9	4.1	**3.1**	0.23	0.38	209	0.5	2.0	**1.2**	0.08	0.14	*C01-02*
Mouth	200	0.4	1.9	**1.4**	0.09	0.16	198	0.4	1.9	**1.1**	0.06	0.12	*C03-06*
Salivary glands	181	0.4	1.8	**1.3**	0.08	0.14	127	0.3	1.2	**0.8**	0.06	0.09	*C07-08*
Tonsil	253	0.5	2.4	**1.8**	0.15	0.22	76	0.2	0.7	**0.5**	0.03	0.06	*C09*
Other oropharynx	43	0.1	0.4	**0.3**	0.01	0.04	24	0.1	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	205	0.4	2.0	**1.5**	0.12	0.16	98	0.2	0.9	**0.7**	0.05	0.07	*C11*
Hypopharynx	108	0.2	1.0	**0.8**	0.04	0.10	34	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	17	0.0	0.2	**0.1**	0.01	0.01	9	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	610	1.3	5.9	**4.0**	0.22	0.48	213	0.5	2.0	**1.1**	0.05	0.14	*C15*
Stomach	1064	2.2	10.3	**7.0**	0.32	0.81	708	1.5	6.8	**3.6**	0.19	0.40	*C16*
Small intestine	178	0.4	1.7	**1.2**	0.07	0.14	149	0.3	1.4	**0.8**	0.04	0.10	*C17*
Colon	3213	6.6	31.1	**20.7**	0.93	2.43	3641	7.9	34.7	**17.7**	0.81	2.00	*C18*
Rectum	1567	3.2	15.2	**10.7**	0.58	1.31	1169	2.5	11.2	**6.4**	0.38	0.72	*C19-20*
Anus	218	0.4	2.1	**1.5**	0.12	0.17	183	0.4	1.7	**1.1**	0.08	0.13	*C21*
Liver	1519	3.1	14.7	**10.8**	0.73	1.35	579	1.2	5.5	**3.2**	0.16	0.39	*C22*
Gallbladder etc.	274	0.6	2.7	**1.7**	0.06	0.20	366	0.8	3.5	**1.7**	0.07	0.20	*C23-24*
Pancreas	1203	2.5	11.6	**7.7**	0.39	0.90	1270	2.7	12.1	**5.9**	0.25	0.67	*C25*
Nose, sinuses etc.	73	0.1	0.7	**0.5**	0.04	0.06	60	0.1	0.6	**0.3**	0.02	0.03	*C30-31*
Larynx	426	0.9	4.1	**2.9**	0.15	0.36	114	0.2	1.1	**0.7**	0.04	0.10	*C32*
Trachea, bronchus and lung	5713	11.7	55.3	**37.2**	1.52	4.55	5573	12.0	53.2	**29.3**	1.31	3.66	*C33-34*
Other thoracic organs	75	0.2	0.7	**0.6**	0.04	0.06	46	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	106	0.2	1.0	**0.9**	0.05	0.08	85	0.2	0.8	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	2171	4.4	21.0	**14.9**	0.92	1.70	1634	3.5	15.6	**10.4**	0.74	1.09	*C43*
Other skin	196		1.9	**1.3**	0.06	0.12	141		1.3	**0.7**	0.04	0.07	*C44*
Mesothelioma	167	0.3	1.6	**1.0**	0.03	0.13	41	0.1	0.4	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	278	0.6	2.7	**2.0**	0.16	0.18	16	0.0	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	377	0.8	3.7	**2.8**	0.16	0.26	300	0.6	2.9	**1.9**	0.12	0.18	*C47+C49*
Breast	96	0.2	0.9	**0.6**	0.03	0.06	14709	31.7	140.3	**92.0**	6.61	10.62	*C50*
Vulva							209	0.5	2.0	**1.1**	0.06	0.13	*C51*
Vagina							71	0.2	0.7	**0.4**	0.02	0.05	*C52*
Cervix uteri							653	1.4	6.2	**4.5**	0.36	0.46	*C53*
Corpus uteri							2711	5.8	25.9	**16.8**	1.19	2.09	*C54*
Uterus unspecified							45	0.1	0.4	**0.2**	0.02	0.02	*C55*
Ovary							1563	3.4	14.9	**9.8**	0.69	1.12	*C56*
Other female genital organs							75	0.2	0.7	**0.5**	0.04	0.06	*C57*
Placenta							10	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	48	0.1	0.5	**0.3**	0.01	0.04							*C60*
Prostate	15062	30.9	145.8	**108.6**	5.66	14.95							*C61*
Testis	562	1.2	5.4	**4.7**	0.34	0.36							*C62*
Other male genital organs	15	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	1481	3.0	14.3	**10.4**	0.61	1.28	895	1.9	8.5	**5.4**	0.31	0.64	*C64*
Renal pelvis	89	0.2	0.9	**0.6**	0.02	0.06	56	0.1	0.5	**0.2**	0.01	0.02	*C65*
Ureter	55	0.1	0.5	**0.3**	0.01	0.04	52	0.1	0.5	**0.3**	0.01	0.03	*C66*
Bladder	2928	6.0	28.4	**18.4**	0.70	2.13	961	2.1	9.2	**4.5**	0.18	0.52	*C67*
Other urinary organs	23	0.0	0.2	**0.1**	0.01	0.02	13	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	102	0.2	1.0	**0.9**	0.05	0.08	96	0.2	0.9	**0.7**	0.04	0.06	*C69*
Brain, nervous system	732	1.5	7.1	**5.9**	0.36	0.58	567	1.2	5.4	**4.2**	0.26	0.41	*C70-72*
Thyroid	363	0.7	3.5	**2.7**	0.18	0.28	1266	2.7	12.1	**9.4**	0.72	0.91	*C73*
Adrenal gland	36	0.1	0.3	**0.4**	0.02	0.02	33	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	17	0.0	0.2	**0.2**	0.01	0.01	13	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	314	0.6	3.0	**2.6**	0.18	0.22	238	0.5	2.3	**2.1**	0.14	0.17	*C81*
Non-Hodgkin lymphoma	2463	5.0	23.8	**16.9**	1.00	1.82	1845	4.0	17.6	**10.5**	0.63	1.17	*C82-85,C96*
Immunoproliferative diseases	49	0.1	0.5	**0.3**	0.01	0.03	32	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	664	1.4	6.4	**4.4**	0.24	0.51	544	1.2	5.2	**2.8**	0.14	0.34	*C90*
Lymphoid leukaemia	760	1.6	7.4	**6.1**	0.31	0.60	488	1.1	4.7	**3.4**	0.17	0.32	*C91*
Myeloid leukaemia	556	1.1	5.4	**3.8**	0.19	0.39	464	1.0	4.4	**2.8**	0.15	0.28	*C92-94*
Leukaemia unspecified	40	0.1	0.4	**0.2**	0.01	0.01	41	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	202	0.4	2.0	**1.4**	0.08	0.16	180	0.4	1.7	**0.9**	0.04	0.10	*MPD*
Myelodysplastic syndromes	434	0.9	4.2	**2.4**	0.05	0.22	327	0.7	3.1	**1.3**	0.04	0.13	*MDS*
Other and unspecified	932	1.9	9.0	**6.0**	0.27	0.67	1233	2.7	11.8	**5.7**	0.25	0.61	*O&U*
All sites	48993		474.4	**338.8**	17.67	41.16	46497		443.5	**271.6**	16.82	30.90	*C00-96*
All sites except C44	48797	100.0	472.5	**337.5**	17.61	41.04	46356	100.0	442.2	**270.8**	16.78	30.83	*C00-96 exc. C44*

§Includes 5 cases of unknown age

§Includes 3 cases of unknown age

*USA, California, San Francisco Bay Area: Asian and Pacific Islander (2003-2007)

	Male						Female						
SITE	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	1	0.0	0.0	**0.0**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	39	0.5	1.7	**1.3**	0.09	0.15	28	0.4	1.1	**0.7**	0.04	0.08	*C01-02*
Mouth	31	0.4	1.3	**1.1**	0.08	0.14	33	0.4	1.3	**0.8**	0.05	0.08	*C03-06*
Salivary glands	31	0.4	1.3	**1.1**	0.07	0.11	25	0.3	1.0	**0.7**	0.05	0.06	*C07-08*
Tonsil	17	0.2	0.7	**0.6**	0.04	0.08	8	0.1	0.3	**0.3**	0.02	0.03	*C09*
Other oropharynx	5	0.1	0.2	**0.1**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	164	2.2	7.0	**5.5**	0.45	0.60	69	0.9	2.7	**2.1**	0.16	0.21	*C11*
Hypopharynx	18	0.2	0.8	**0.5**	0.01	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.0	0.0	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	79	1.1	3.4	**2.4**	0.14	0.26	26	0.3	1.0	**0.5**	0.02	0.06	*C15*
Stomach	307	4.2	13.2	**9.2**	0.42	1.02	227	2.9	8.9	**5.3**	0.28	0.59	*C16*
Small intestine	26	0.4	1.1	**0.9**	0.06	0.11	15	0.2	0.6	**0.4**	0.02	0.04	*C17*
Colon	561	7.6	24.1	**17.1**	0.77	2.05	691	8.7	27.2	**16.1**	0.83	1.86	*C18*
Rectum	355	4.8	15.3	**11.3**	0.59	1.47	266	3.4	10.5	**6.5**	0.41	0.71	*C19-20*
Anus	12	0.2	0.5	**0.4**	0.02	0.05	12	0.2	0.5	**0.3**	0.03	0.04	*C21*
Liver	562	7.6	24.2	**18.6**	1.13	2.37	229	2.9	9.0	**5.5**	0.25	0.67	*C22*
Gallbladder etc.	84	1.1	3.6	**2.4**	0.09	0.29	100	1.3	3.9	**2.2**	0.09	0.24	*C23-24*
Pancreas	183	2.5	7.9	**5.2**	0.25	0.54	184	2.3	7.3	**3.8**	0.15	0.42	*C25*
Nose, sinuses etc.	19	0.3	0.8	**0.6**	0.05	0.06	12	0.2	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	46	0.6	2.0	**1.4**	0.07	0.17	3	0.0	0.1	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	1181	16.0	50.8	**35.2**	1.35	4.22	818	10.3	32.2	**18.8**	0.84	2.21	*C33-34*
Other thoracic organs	28	0.4	1.2	**1.0**	0.07	0.13	10	0.1	0.4	**0.3**	0.02	0.04	*C37-38*
Bone	17	0.2	0.7	**0.8**	0.04	0.06	19	0.2	0.7	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	12	0.2	0.5	**0.4**	0.03	0.04	26	0.3	1.0	**0.7**	0.05	0.07	*C43*
Other skin	14		0.6	**0.4**	0.03	0.04	17		0.7	**0.4**	0.02	0.06	*C44*
Mesothelioma	14	0.2	0.6	**0.4**	0.01	0.04	4	0.1	0.2	**0.1**	0.00	0.00	*C45*
Kaposi sarcoma	8	0.1	0.3	**0.3**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	40	0.5	1.7	**1.4**	0.09	0.14	64	0.8	2.5	**1.7**	0.09	0.15	*C47+C49*
Breast	9	0.1	0.4	**0.3**	0.02	0.02	2513	31.6	99.0	**69.7**	5.36	7.81	*C50*
Vulva							26	0.3	1.0	**0.6**	0.03	0.07	*C51*
Vagina							14	0.2	0.6	**0.4**	0.02	0.05	*C52*
Cervix uteri							150	1.9	5.9	**4.1**	0.33	0.43	*C53*
Corpus uteri							499	6.3	19.7	**14.0**	1.13	1.62	*C54*
Uterus unspecified							6	0.1	0.2	**0.1**	0.01	0.01	*C55*
Ovary							321	4.0	12.7	**9.2**	0.68	1.00	*C56*
Other female genital organs							11	0.1	0.4	**0.3**	0.03	0.04	*C57*
Placenta							4	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	6	0.1	0.3	**0.2**	0.00	0.02							*C60*
Prostate	1864	25.3	80.1	**60.6**	2.46	8.52							*C61*
Testis	55	0.7	2.4	**2.1**	0.15	0.15							*C62*
Other male genital organs	3	0.0	0.1	**0.1**	0.01	0.02							*C63*
Kidney	192	2.6	8.3	**6.0**	0.35	0.69	121	1.5	4.8	**3.2**	0.17	0.41	*C64*
Renal pelvis	11	0.1	0.5	**0.4**	0.02	0.04	10	0.1	0.4	**0.2**	0.01	0.02	*C65*
Ureter	11	0.1	0.5	**0.4**	0.01	0.06	12	0.2	0.5	**0.3**	0.01	0.04	*C66*
Bladder	295	4.0	12.7	**8.5**	0.32	0.97	107	1.3	4.2	**2.2**	0.10	0.24	*C67*
Other urinary organs	6	0.1	0.3	**0.1**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	6	0.1	0.3	**0.4**	0.01	0.02	8	0.1	0.3	**0.4**	0.02	0.02	*C69*
Brain, nervous system	84	1.1	3.6	**3.1**	0.19	0.31	93	1.2	3.7	**2.9**	0.18	0.28	*C70-72*
Thyroid	81	1.1	3.5	**2.7**	0.18	0.27	347	4.4	13.7	**10.7**	0.80	1.05	*C73*
Adrenal gland	4	0.1	0.2	**0.2**	0.01	0.01	7	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	3	0.0	0.1	**0.2**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.01	*C75*
Hodgkin lymphoma	37	0.5	1.6	**1.6**	0.09	0.12	28	0.4	1.1	**1.0**	0.08	0.08	*C81*
Non-Hodgkin lymphoma	352	4.8	15.1	**11.5**	0.59	1.26	280	3.5	11.0	**7.1**	0.44	0.78	*C82-85,C96*
Immunoproliferative diseases	5	0.1	0.2	**0.2**	0.01	0.03	3	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	80	1.1	3.4	**2.4**	0.13	0.25	77	1.0	3.0	**1.7**	0.06	0.20	*C90*
Lymphoid leukaemia	75	1.0	3.2	**3.1**	0.15	0.21	46	0.6	1.8	**1.7**	0.08	0.15	*C91*
Myeloid leukaemia	94	1.3	4.0	**2.9**	0.15	0.30	83	1.0	3.3	**2.5**	0.13	0.23	*C92-94*
Leukaemia unspecified	4	0.1	0.2	**0.1**	0.00	0.00	7	0.1	0.3	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	42	0.6	1.8	**1.3**	0.09	0.15	38	0.5	1.5	**0.9**	0.05	0.09	*MPD*
Myelodysplastic syndromes	74	1.0	3.2	**1.9**	0.04	0.13	73	0.9	2.9	**1.4**	0.04	0.15	*MDS*
Other and unspecified	137	1.9	5.9	**4.2**	0.17	0.47	179	2.3	7.1	**3.8**	0.17	0.40	*O&U*
All sites	7385		317.4	**234.0**	11.17	28.31	7957		313.6	**207.4**	13.44	22.94	*C00-96*
All sites except C44	7371	100.0	316.8	**233.5**	11.14	28.27	7940	100.0	312.9	**206.9**	13.42	22.89	*C00-96 exc. C44*

§Includes 1 case of unknown age

*See note following population pyramid

*USA, California, San Francisco Bay Area: Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.1	0.3	**0.3**	0.02	0.03	3	0.1	0.3	**0.3**	0.02	0.02	*C00*
Tongue	28	0.6	2.9	**2.5**	0.19	0.33	10	0.2	0.9	**0.7**	0.04	0.09	*C01-02*
Mouth	16	0.3	1.6	**1.3**	0.09	0.17	21	0.5	2.0	**1.4**	0.08	0.16	*C03-06*
Salivary glands	12	0.2	1.2	**1.0**	0.07	0.09	14	0.3	1.3	**1.1**	0.08	0.09	*C07-08*
Tonsil	26	0.5	2.7	**2.2**	0.17	0.27	8	0.2	0.7	**0.5**	0.04	0.04	*C09*
Other oropharynx	5	0.1	0.5	**0.4**	0.02	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	4	0.1	0.4	**0.3**	0.03	0.03	4	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	19	0.4	1.9	**1.7**	0.10	0.23	4	0.1	0.4	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	1	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.2	**0.2**	0.01	0.02	*C14*
Oesophagus	53	1.1	5.4	**4.4**	0.25	0.52	31	0.7	2.9	**1.9**	0.09	0.23	*C15*
Stomach	123	2.5	12.6	**9.9**	0.42	1.13	81	1.8	7.6	**4.3**	0.20	0.44	*C16*
Small intestine	18	0.4	1.8	**1.4**	0.11	0.13	31	0.7	2.9	**2.0**	0.11	0.25	*C17*
Colon	341	7.1	34.9	**28.0**	1.34	3.37	414	9.4	38.6	**23.4**	1.13	2.77	*C18*
Rectum	127	2.6	13.0	**10.5**	0.54	1.24	113	2.6	10.5	**7.0**	0.38	0.88	*C19-20*
Anus	23	0.5	2.4	**1.8**	0.16	0.19	25	0.6	2.3	**1.6**	0.12	0.20	*C21*
Liver	191	4.0	19.5	**16.3**	1.37	1.98	70	1.6	6.5	**4.4**	0.33	0.52	*C22*
Gallbladder etc.	22	0.5	2.2	**1.6**	0.07	0.16	37	0.8	3.5	**2.1**	0.08	0.30	*C23-24*
Pancreas	118	2.4	12.1	**10.0**	0.58	1.28	168	3.8	15.7	**8.9**	0.39	0.99	*C25*
Nose, sinuses etc.	5	0.1	0.5	**0.4**	0.05	0.05	6	0.1	0.6	**0.4**	0.04	0.05	*C30-31*
Larynx	72	1.5	7.4	**6.2**	0.39	0.80	29	0.7	2.7	**2.0**	0.12	0.28	*C32*
Trachea, bronchus and lung	740	15.3	75.7	**61.9**	3.15	7.85	693	15.8	64.6	**42.5**	2.37	5.34	*C33-34*
Other thoracic organs	5	0.1	0.5	**0.4**	0.04	0.04	6	0.1	0.6	**0.5**	0.02	0.06	*C37-38*
Bone	6	0.1	0.6	**0.5**	0.02	0.02	6	0.1	0.6	**0.4**	0.03	0.05	*C40-41*
Melanoma of skin	7	0.1	0.7	**0.6**	0.02	0.07	9	0.2	0.8	**0.5**	0.04	0.05	*C43*
Other skin	8		0.8	**0.7**	0.02	0.11	18		1.7	**1.4**	0.11	0.12	*C44*
Mesothelioma	8	0.2	0.8	**0.7**	0.03	0.09	3	0.1	0.3	**0.2**	0.00	0.04	*C45*
Kaposi sarcoma	42	0.9	4.3	**3.6**	0.31	0.31	5	0.1	0.5	**0.4**	0.03	0.03	*C46*
Connective and soft tissue	25	0.5	2.6	**2.4**	0.12	0.18	32	0.7	3.0	**2.3**	0.17	0.24	*C47+C49*
Breast	12	0.2	1.2	**1.0**	0.07	0.11	1298	29.6	121.0	**87.4**	6.46	9.96	*C50*
Vulva							20	0.5	1.9	**1.3**	0.10	0.15	*C51*
Vagina							12	0.3	1.1	**0.8**	0.04	0.09	*C52*
Cervix uteri							69	1.6	6.4	**4.9**	0.40	0.53	*C53*
Corpus uteri							205	4.7	19.1	**13.8**	0.90	1.77	*C54*
Uterus unspecified							6	0.1	0.6	**0.4**	0.02	0.04	*C55*
Ovary							113	2.6	10.5	**7.4**	0.50	0.86	*C56*
Other female genital organs							5	0.1	0.5	**0.3**	0.02	0.04	*C57*
Placenta							2	0.0	0.2	**0.1**	0.01	0.01	*C58*
Penis	7	0.1	0.7	**0.6**	0.02	0.09							*C60*
Prostate	1800	37.3	184.1	**157.6**	9.40	21.19							*C61*
Testis	12	0.2	1.2	**1.0**	0.08	0.08							*C62*
Other male genital organs	2	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	174	3.6	17.8	**15.2**	0.89	1.95	113	2.6	10.5	**7.5**	0.41	0.88	*C64*
Renal pelvis	9	0.2	0.9	**0.8**	0.05	0.11	4	0.1	0.4	**0.2**	0.01	0.01	*C65*
Ureter	2	0.0	0.2	**0.1**	0.00	0.00	3	0.1	0.3	**0.1**	0.01	0.01	*C66*
Bladder	155	3.2	15.9	**12.7**	0.55	1.48	65	1.5	6.1	**3.4**	0.12	0.37	*C67*
Other urinary organs	3	0.1	0.3	**0.3**	0.02	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	2	0.0	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	45	0.9	4.6	**4.4**	0.23	0.44	42	1.0	3.9	**3.4**	0.20	0.35	*C70-72*
Thyroid	15	0.3	1.5	**1.4**	0.11	0.17	64	1.5	6.0	**4.7**	0.35	0.51	*C73*
Adrenal gland	4	0.1	0.4	**0.6**	0.02	0.02	1	0.0	0.1	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	3	0.1	0.3	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	37	0.8	3.8	**3.2**	0.23	0.29	28	0.6	2.6	**2.3**	0.17	0.18	*C81*
Non-Hodgkin lymphoma	166	3.4	17.0	**14.2**	0.95	1.62	140	3.2	13.1	**9.6**	0.66	1.09	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.0**	0.00	0.00	2	0.0	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	100	2.1	10.2	**8.4**	0.49	1.06	114	2.6	10.6	**6.8**	0.33	0.85	*C90*
Lymphoid leukaemia	51	1.1	5.2	**4.7**	0.22	0.42	31	0.7	2.9	**2.3**	0.09	0.24	*C91*
Myeloid leukaemia	40	0.8	4.1	**3.3**	0.17	0.31	48	1.1	4.5	**3.2**	0.20	0.35	*C92-94*
Leukaemia unspecified	4	0.1	0.4	**0.3**	0.01	0.05	2	0.0	0.2	**0.1**	0.00	0.02	*C95*
Myeloproliferative disorders	13	0.3	1.3	**1.2**	0.05	0.14	14	0.3	1.3	**0.9**	0.05	0.10	*MPD*
Myelodysplastic syndromes	20	0.4	2.0	**1.5**	0.06	0.12	19	0.4	1.8	**0.9**	0.04	0.07	*MDS*
Other and unspecified	113	2.3	11.6	**9.3**	0.53	1.13	138	3.1	12.9	**7.5**	0.36	0.81	*O&U*
All sites	4835		494.5	**412.9**	23.87	51.59	4406		410.8	**280.6**	17.55	32.66	*C00-96*
All sites except C44	4827	100.0	493.7	**412.2**	23.85	51.48	4388	100.0	409.2	**279.2**	17.45	32.54	*C00-96 exc. C44*

§Includes 2 cases of unknown age

*See note following population pyramid

*USA, California, San Francisco Bay Area: Hispanic White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	8	0.2	0.4	**0.5**	0.02	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	26	0.6	1.3	**2.0**	0.13	0.27	16	0.4	0.9	**0.9**	0.04	0.11	*C01-02*
Mouth	24	0.6	1.2	**1.6**	0.09	0.16	9	0.2	0.5	**0.5**	0.02	0.06	*C03-06*
Salivary glands	14	0.3	0.7	**1.0**	0.04	0.18	14	0.3	0.8	**0.8**	0.07	0.08	*C07-08*
Tonsil	14	0.3	0.7	**1.0**	0.10	0.11	2	0.0	0.1	**0.1**	0.00	0.02	*C09*
Other oropharynx	2	0.0	0.1	**0.2**	0.00	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	4	0.1	0.2	**0.2**	0.02	0.02	4	0.1	0.2	**0.3**	0.02	0.04	*C11*
Hypopharynx	6	0.1	0.3	**0.5**	0.04	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	3	0.1	0.2	**0.2**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	57	1.4	2.9	**4.1**	0.21	0.51	19	0.4	1.1	**1.1**	0.03	0.17	*C15*
Stomach	157	3.7	8.0	**10.5**	0.42	1.23	123	2.8	6.9	**6.5**	0.35	0.75	*C16*
Small intestine	16	0.4	0.8	**1.0**	0.05	0.09	15	0.3	0.8	**0.8**	0.03	0.12	*C17*
Colon	296	7.0	15.1	**21.2**	0.87	2.66	305	6.9	17.2	**15.7**	0.84	1.69	*C18*
Rectum	141	3.4	7.2	**10.0**	0.65	1.32	119	2.7	6.7	**6.2**	0.37	0.61	*C19-20*
Anus	14	0.3	0.7	**0.9**	0.07	0.11	18	0.4	1.0	**1.0**	0.06	0.12	*C21*
Liver	212	5.0	10.8	**15.0**	1.00	1.91	72	1.6	4.1	**3.9**	0.14	0.48	*C22*
Gallbladder etc.	26	0.6	1.3	**1.8**	0.05	0.18	68	1.5	3.8	**3.4**	0.15	0.42	*C23-24*
Pancreas	100	2.4	5.1	**7.0**	0.29	0.80	129	2.9	7.3	**6.4**	0.27	0.72	*C25*
Nose, sinuses etc.	6	0.1	0.3	**0.3**	0.02	0.02	6	0.1	0.3	**0.4**	0.01	0.04	*C30-31*
Larynx	41	1.0	2.1	**2.8**	0.14	0.33	12	0.3	0.7	**0.7**	0.03	0.09	*C32*
Trachea, bronchus and lung	358	8.5	18.3	**25.8**	0.94	3.09	355	8.0	20.0	**19.7**	0.89	2.46	*C33-34*
Other thoracic organs	10	0.2	0.5	**0.5**	0.03	0.05	7	0.2	0.4	**0.3**	0.02	0.02	*C37-38*
Bone	18	0.4	0.9	**0.9**	0.07	0.07	10	0.2	0.6	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	62	1.5	3.2	**4.0**	0.23	0.46	73	1.6	4.1	**3.9**	0.26	0.39	*C43*
Other skin	14		0.7	**0.7**	0.05	0.07	13		0.7	**0.6**	0.03	0.07	*C44*
Mesothelioma	17	0.4	0.9	**1.2**	0.02	0.16	8	0.2	0.5	**0.4**	0.00	0.08	*C45*
Kaposi sarcoma	61	1.5	3.1	**2.8**	0.21	0.28	2	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	40	1.0	2.0	**2.3**	0.14	0.19	37	0.8	2.1	**2.0**	0.15	0.17	*C47+C49*
Breast	9	0.2	0.5	**0.7**	0.04	0.08	1362	30.8	76.9	**78.2**	5.65	8.86	*C50*
Vulva							10	0.2	0.6	**0.6**	0.04	0.07	*C51*
Vagina							10	0.2	0.6	**0.6**	0.03	0.07	*C52*
Cervix uteri							150	3.4	8.5	**8.2**	0.69	0.81	*C53*
Corpus uteri							246	5.6	13.9	**14.5**	1.01	1.78	*C54*
Uterus unspecified							5	0.1	0.3	**0.3**	0.02	0.03	*C55*
Ovary							165	3.7	9.3	**9.6**	0.66	1.11	*C56*
Other female genital organs							4	0.1	0.2	**0.2**	0.01	0.03	*C57*
Placenta							4	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	11	0.3	0.6	**0.7**	0.02	0.08							*C60*
Prostate	1194	28.4	61.1	**93.7**	4.51	12.92							*C61*
Testis	113	2.7	5.8	**4.5**	0.31	0.33							*C62*
Other male genital organs	1	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	182	4.3	9.3	**12.4**	0.76	1.46	138	3.1	7.8	**7.8**	0.51	0.89	*C64*
Renal pelvis	3	0.1	0.2	**0.2**	0.02	0.04	6	0.1	0.3	**0.4**	0.02	0.05	*C65*
Ureter	2	0.0	0.1	**0.2**	0.01	0.01	5	0.1	0.3	**0.3**	0.02	0.02	*C66*
Bladder	175	4.2	8.9	**12.0**	0.39	1.39	64	1.4	3.6	**3.0**	0.11	0.31	*C67*
Other urinary organs	2	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.00	0.00	*C68*
Eye	11	0.3	0.6	**0.8**	0.03	0.11	6	0.1	0.3	**0.3**	0.02	0.03	*C69*
Brain, nervous system	87	2.1	4.4	**5.0**	0.27	0.51	70	1.6	4.0	**4.1**	0.26	0.42	*C70-72*
Thyroid	37	0.9	1.9	**2.2**	0.14	0.25	186	4.2	10.5	**9.9**	0.79	0.96	*C73*
Adrenal gland	10	0.2	0.5	**0.7**	0.05	0.05	7	0.2	0.4	**0.4**	0.04	0.04	*C74*
Other endocrine	6	0.1	0.3	**0.3**	0.02	0.02	2	0.0	0.1	**0.1**	0.00	0.02	*C75*
Hodgkin lymphoma	51	1.2	2.6	**2.4**	0.15	0.21	36	0.8	2.0	**1.9**	0.13	0.17	*C81*
Non-Hodgkin lymphoma	270	6.4	13.8	**16.9**	0.99	1.95	207	4.7	11.7	**11.3**	0.65	1.28	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.1**	0.00	0.02	1	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	67	1.6	3.4	**4.7**	0.23	0.56	60	1.4	3.4	**3.5**	0.16	0.49	*C90*
Lymphoid leukaemia	75	1.8	3.8	**4.5**	0.22	0.33	52	1.2	2.9	**3.1**	0.17	0.24	*C91*
Myeloid leukaemia	48	1.1	2.5	**3.0**	0.17	0.34	48	1.1	2.7	**2.3**	0.10	0.20	*C92-94*
Leukaemia unspecified	2	0.0	0.1	**0.1**	0.01	0.01	3	0.1	0.2	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	22	0.5	1.1	**1.5**	0.07	0.20	10	0.2	0.6	**0.6**	0.02	0.08	*MPD*
Myelodysplastic syndromes	35	0.8	1.8	**2.6**	0.09	0.31	25	0.6	1.4	**1.3**	0.04	0.15	*MDS*
Other and unspecified	58	1.4	3.0	**4.0**	0.18	0.47	121	2.7	6.8	**6.2**	0.31	0.68	*O&U*
All sites	4219		215.7	**293.4**	14.62	36.14	4442		250.8	**245.3**	15.34	27.59	*C00-96*
All sites except C44	4205	100.0	215.0	**292.7**	14.57	36.07	4429	100.0	250.1	**244.6**	15.30	27.52	*C00-96 exc. C44*

§Includes 1 case of unknown age

*See note following population pyramid

*USA, California, San Francisco Bay Area: Non-Hispanic White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	96	0.3	1.9	**1.0**	0.05	0.11	38	0.1	0.8	**0.3**	0.01	0.04	*C00*
Tongue	321	1.0	6.4	**4.0**	0.29	0.49	148	0.5	2.9	**1.5**	0.10	0.18	*C01-02*
Mouth	126	0.4	2.5	**1.4**	0.09	0.16	132	0.5	2.6	**1.2**	0.06	0.14	*C03-06*
Salivary glands	119	0.4	2.4	**1.4**	0.08	0.15	72	0.2	1.4	**0.8**	0.05	0.10	*C07-08*
Tonsil	193	0.6	3.9	**2.4**	0.20	0.29	57	0.2	1.1	**0.7**	0.04	0.08	*C09*
Other oropharynx	31	0.1	0.6	**0.4**	0.02	0.05	20	0.1	0.4	**0.2**	0.01	0.02	*C10*
Nasopharynx	32	0.1	0.6	**0.5**	0.03	0.04	19	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	65	0.2	1.3	**0.8**	0.04	0.11	30	0.1	0.6	**0.3**	0.01	0.03	*C12-13*
Pharynx unspecified	12	0.0	0.2	**0.1**	0.01	0.01	7	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	412	1.3	8.3	**4.6**	0.24	0.54	137	0.5	2.7	**1.2**	0.05	0.15	*C15*
Stomach	461	1.5	9.3	**5.0**	0.24	0.59	270	0.9	5.4	**2.2**	0.11	0.23	*C16*
Small intestine	115	0.4	2.3	**1.3**	0.07	0.15	87	0.3	1.7	**0.8**	0.04	0.10	*C17*
Colon	1963	6.3	39.4	**20.5**	0.92	2.36	2191	7.6	43.6	**17.5**	0.74	1.97	*C18*
Rectum	903	2.9	18.1	**10.2**	0.56	1.21	648	2.2	12.9	**6.0**	0.36	0.69	*C19-20*
Anus	168	0.5	3.4	**2.0**	0.15	0.22	126	0.4	2.5	**1.3**	0.09	0.15	*C21*
Liver	537	1.7	10.8	**6.4**	0.44	0.77	206	0.7	4.1	**2.0**	0.10	0.23	*C22*
Gallbladder etc.	141	0.5	2.8	**1.5**	0.05	0.18	159	0.5	3.2	**1.1**	0.04	0.12	*C23-24*
Pancreas	793	2.5	15.9	**8.4**	0.41	0.98	775	2.7	15.4	**6.2**	0.26	0.70	*C25*
Nose, sinuses etc.	39	0.1	0.8	**0.5**	0.02	0.06	35	0.1	0.7	**0.3**	0.02	0.03	*C30-31*
Larynx	260	0.8	5.2	**2.9**	0.14	0.37	70	0.2	1.4	**0.7**	0.04	0.10	*C32*
Trachea, bronchus and lung	3395	10.9	68.2	**36.1**	1.44	4.41	3668	12.7	73.0	**32.9**	1.37	4.22	*C33-34*
Other thoracic organs	31	0.1	0.6	**0.4**	0.02	0.04	23	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	63	0.2	1.3	**1.0**	0.06	0.09	49	0.2	1.0	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	1999	6.4	40.1	**23.7**	1.45	2.68	1419	4.9	28.3	**17.0**	1.22	1.78	*C43*
Other skin	151		3.0	**1.7**	0.08	0.16	87		1.7	**0.7**	0.03	0.07	*C44*
Mesothelioma	126	0.4	2.5	**1.3**	0.04	0.16	26	0.1	0.5	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	162	0.5	3.3	**2.2**	0.17	0.20	8	0.0	0.2	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	265	0.9	5.3	**3.4**	0.20	0.32	166	0.6	3.3	**1.9**	0.11	0.19	*C47+C49*
Breast	66	0.2	1.3	**0.7**	0.03	0.07	9383	32.4	186.9	**104.1**	7.28	12.22	*C50*
Vulva							149	0.5	3.0	**1.4**	0.07	0.17	*C51*
Vagina							35	0.1	0.7	**0.4**	0.02	0.04	*C52*
Cervix uteri							272	0.9	5.4	**3.7**	0.30	0.37	*C53*
Corpus uteri							1706	5.9	34.0	**18.3**	1.24	2.34	*C54*
Uterus unspecified							28	0.1	0.6	**0.2**	0.02	0.03	*C55*
Ovary							942	3.3	18.8	**10.2**	0.71	1.21	*C56*
Other female genital organs							55	0.2	1.1	**0.6**	0.05	0.08	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	24	0.1	0.5	**0.3**	0.01	0.03							*C60*
Prostate	9552	30.6	191.8	**114.4**	5.99	15.82							*C61*
Testis	371	1.2	7.4	**6.6**	0.49	0.51							*C62*
Other male genital organs	7	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	916	2.9	18.4	**10.9**	0.62	1.36	507	1.8	10.1	**5.2**	0.30	0.62	*C64*
Renal pelvis	64	0.2	1.3	**0.6**	0.02	0.07	36	0.1	0.7	**0.2**	0.01	0.02	*C65*
Ureter	40	0.1	0.8	**0.4**	0.01	0.05	32	0.1	0.6	**0.3**	0.01	0.04	*C66*
Bladder	2264	7.3	45.4	**23.4**	0.89	2.75	714	2.5	14.2	**5.8**	0.24	0.70	*C67*
Other urinary organs	12	0.0	0.2	**0.1**	0.00	0.02	8	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	82	0.3	1.6	**1.2**	0.07	0.11	81	0.3	1.6	**1.0**	0.06	0.10	*C69*
Brain, nervous system	507	1.6	10.2	**7.5**	0.47	0.73	356	1.2	7.1	**5.2**	0.32	0.49	*C70-72*
Thyroid	219	0.7	4.4	**3.0**	0.20	0.31	650	2.2	12.9	**9.7**	0.75	0.92	*C73*
Adrenal gland	18	0.1	0.4	**0.4**	0.02	0.02	18	0.1	0.4	**0.3**	0.02	0.03	*C74*
Other endocrine	7	0.0	0.1	**0.2**	0.01	0.01	6	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	182	0.6	3.7	**3.0**	0.22	0.26	138	0.5	2.7	**2.8**	0.18	0.22	*C81*
Non-Hodgkin lymphoma	1611	5.2	32.3	**18.8**	1.11	1.98	1170	4.0	23.3	**11.5**	0.67	1.28	*C82-85,C96*
Immunoproliferative diseases	40	0.1	0.8	**0.4**	0.01	0.04	23	0.1	0.5	**0.2**	0.01	0.02	*C88*
Multiple myeloma	409	1.3	8.2	**4.4**	0.24	0.52	287	1.0	5.7	**2.5**	0.13	0.29	*C90*
Lymphoid leukaemia	534	1.7	10.7	**7.1**	0.35	0.78	342	1.2	6.8	**4.1**	0.20	0.40	*C91*
Myeloid leukaemia	361	1.2	7.2	**4.2**	0.20	0.43	278	1.0	5.5	**2.9**	0.16	0.30	*C92-94*
Leukaemia unspecified	30	0.1	0.6	**0.2**	0.01	0.01	28	0.1	0.6	**0.2**	0.01	0.03	*C95*
Myeloproliferative disorders	118	0.4	2.4	**1.4**	0.08	0.15	114	0.4	2.3	**0.9**	0.04	0.11	*MPD*
Myelodysplastic syndromes	297	1.0	6.0	**2.6**	0.05	0.24	203	0.7	4.0	**1.3**	0.03	0.13	*MDS*
Other and unspecified	610	2.0	12.2	**6.3**	0.29	0.69	785	2.7	15.6	**6.0**	0.25	0.64	*O&U*
All sites	31320		628.7	**363.1**	18.91	43.91	29019		577.9	**297.6**	18.05	34.26	*C00-96*
All sites except C44	31169	100.0	625.7	**361.4**	18.83	43.75	28932	100.0	576.2	**296.9**	18.01	34.19	*C00-96 exc. C44*

*See note following population pyramid

*USA, California, San Francisco Bay Area: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	104	0.3	1.5	**1.0**	0.05	0.11	38	0.1	0.6	**0.3**	0.01	0.04	*C00*
Tongue	347	1.0	5.0	**3.6**	0.27	0.45	164	0.5	2.4	**1.4**	0.09	0.17	*C01-02*
Mouth	150	0.4	2.2	**1.4**	0.09	0.16	141	0.4	2.1	**1.1**	0.05	0.13	*C03-06*
Salivary glands	133	0.4	1.9	**1.3**	0.07	0.15	86	0.3	1.3	**0.8**	0.05	0.10	*C07-08*
Tonsil	207	0.6	3.0	**2.1**	0.19	0.26	59	0.2	0.9	**0.6**	0.04	0.07	*C09*
Other oropharynx	33	0.1	0.5	**0.3**	0.01	0.04	21	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	36	0.1	0.5	**0.4**	0.03	0.04	23	0.1	0.3	**0.3**	0.02	0.03	*C11*
Hypopharynx	71	0.2	1.0	**0.7**	0.04	0.10	30	0.1	0.4	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	15	0.0	0.2	**0.1**	0.01	0.01	7	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	469	1.3	6.8	**4.5**	0.23	0.54	156	0.5	2.3	**1.2**	0.05	0.15	*C15*
Stomach	618	1.7	8.9	**5.9**	0.27	0.69	393	1.2	5.8	**2.9**	0.15	0.32	*C16*
Small intestine	131	0.4	1.9	**1.2**	0.07	0.15	102	0.3	1.5	**0.8**	0.04	0.10	*C17*
Colon	2259	6.4	32.6	**20.6**	0.91	2.40	2496	7.5	36.7	**17.2**	0.76	1.92	*C18*
Rectum	1044	3.0	15.0	**10.1**	0.56	1.22	767	2.3	11.3	**6.1**	0.36	0.68	*C19-20*
Anus	182	0.5	2.6	**1.8**	0.14	0.20	144	0.4	2.1	**1.2**	0.09	0.14	*C21*
Liver	749	2.1	10.8	**7.7**	0.53	0.94	278	0.8	4.1	**2.3**	0.10	0.27	*C22*
Gallbladder etc.	167	0.5	2.4	**1.5**	0.05	0.18	227	0.7	3.3	**1.5**	0.06	0.17	*C23-24*
Pancreas	893	2.5	12.9	**8.2**	0.40	0.96	904	2.7	13.3	**6.2**	0.26	0.70	*C25*
Nose, sinuses etc.	45	0.1	0.6	**0.4**	0.03	0.05	41	0.1	0.6	**0.3**	0.02	0.03	*C30-31*
Larynx	301	0.9	4.3	**2.9**	0.14	0.36	82	0.2	1.2	**0.7**	0.04	0.10	*C32*
Trachea, bronchus and lung	3753	10.6	54.1	**34.8**	1.37	4.23	4023	12.1	59.2	**31.0**	1.30	3.95	*C33-34*
Other thoracic organs	41	0.1	0.6	**0.4**	0.03	0.04	30	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	81	0.2	1.2	**1.0**	0.06	0.09	59	0.2	0.9	**0.7**	0.05	0.05	*C40-41*
Melanoma of skin	2061	5.8	29.7	**20.3**	1.23	2.33	1492	4.5	22.0	**14.4**	1.02	1.52	*C43*
Other skin	165		2.4	**1.5**	0.08	0.15	100		1.5	**0.7**	0.03	0.07	*C44*
Mesothelioma	143	0.4	2.1	**1.3**	0.04	0.16	34	0.1	0.5	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	223	0.6	3.2	**2.3**	0.18	0.22	10	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	305	0.9	4.4	**3.2**	0.18	0.30	203	0.6	3.0	**1.9**	0.12	0.19	*C47+C49*
Breast	75	0.2	1.1	**0.7**	0.03	0.07	10745	32.2	158.2	**99.8**	7.01	11.68	*C50*
Vulva							159	0.5	2.3	**1.3**	0.07	0.15	*C51*
Vagina							45	0.1	0.7	**0.4**	0.02	0.05	*C52*
Cervix uteri							422	1.3	6.2	**4.6**	0.37	0.45	*C53*
Corpus uteri							1952	5.9	28.7	**17.8**	1.21	2.26	*C54*
Uterus unspecified							33	0.1	0.5	**0.3**	0.02	0.03	*C55*
Ovary							1107	3.3	16.3	**10.1**	0.70	1.19	*C56*
Other female genital organs							59	0.2	0.9	**0.6**	0.04	0.07	*C57*
Placenta							4	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	35	0.1	0.5	**0.3**	0.01	0.04							*C60*
Prostate	10746	30.4	154.9	**111.5**	5.79	15.43							*C61*
Testis	484	1.4	7.0	**6.0**	0.44	0.47							*C62*
Other male genital organs	8	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	1098	3.1	15.8	**11.2**	0.65	1.38	645	1.9	9.5	**5.7**	0.34	0.67	*C64*
Renal pelvis	67	0.2	1.0	**0.6**	0.02	0.06	42	0.1	0.6	**0.3**	0.01	0.03	*C65*
Ureter	42	0.1	0.6	**0.4**	0.01	0.04	37	0.1	0.5	**0.3**	0.01	0.03	*C66*
Bladder	2439	6.9	35.2	**21.9**	0.82	2.57	778	2.3	11.5	**5.4**	0.22	0.64	*C67*
Other urinary organs	14	0.0	0.2	**0.1**	0.00	0.02	10	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	93	0.3	1.3	**1.1**	0.06	0.10	87	0.3	1.3	**0.8**	0.05	0.09	*C69*
Brain, nervous system	594	1.7	8.6	**6.9**	0.43	0.69	426	1.3	6.3	**4.8**	0.30	0.47	*C70-72*
Thyroid	256	0.7	3.7	**2.7**	0.18	0.29	836	2.5	12.3	**9.6**	0.75	0.92	*C73*
Adrenal gland	28	0.1	0.4	**0.5**	0.03	0.03	25	0.1	0.4	**0.3**	0.02	0.03	*C74*
Other endocrine	13	0.0	0.2	**0.2**	0.01	0.01	8	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	233	0.7	3.4	**2.8**	0.20	0.24	174	0.5	2.6	**2.5**	0.16	0.20	*C81*
Non-Hodgkin lymphoma	1881	5.3	27.1	**18.4**	1.08	1.96	1377	4.1	20.3	**11.5**	0.67	1.28	*C82-85,C96*
Immunoproliferative diseases	41	0.1	0.6	**0.4**	0.01	0.04	24	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	476	1.3	6.9	**4.5**	0.24	0.52	347	1.0	5.1	**2.6**	0.13	0.32	*C90*
Lymphoid leukaemia	609	1.7	8.8	**6.9**	0.35	0.73	394	1.2	5.8	**4.0**	0.20	0.38	*C91*
Myeloid leukaemia	409	1.2	5.9	**4.0**	0.20	0.42	326	1.0	4.8	**2.8**	0.15	0.28	*C92-94*
Leukaemia unspecified	32	0.1	0.5	**0.2**	0.01	0.01	31	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	140	0.4	2.0	**1.4**	0.08	0.16	124	0.4	1.8	**0.9**	0.04	0.10	*MPD*
Myelodysplastic syndromes	332	0.9	4.8	**2.7**	0.06	0.25	228	0.7	3.4	**1.3**	0.03	0.13	*MDS*
Other and unspecified	668	1.9	9.6	**6.0**	0.27	0.66	906	2.7	13.3	**6.0**	0.26	0.65	*O&U*
All sites	35539		512.3	**352.3**	18.21	42.74	33461		492.6	**288.8**	17.58	33.16	*C00-96*
All sites except C44	35374	100.0	509.9	**350.8**	18.13	42.59	33361	100.0	491.2	**288.1**	17.54	33.10	*C00-96 exc. C44*

§Includes 1 case of unknown age

*See note following population pyramid

USA, Colorado

REGISTRATION AREA

The Colorado Central Cancer Registry (CCCR) covers the population of the entire state of Colorado in the USA. The state is divided into 64 counties. At the 2010 census, the state's total population was 5 million, a 17% increase since 2000. Colorado's population is 81% White, 4% Black, 1% American Indian or Alaska Native, and 3% Asian. Approximately 21% of the population is Hispanic or Latino (of any race). The population is 86% urban.

CANCER CARE FACILITIES

Cancer care in Colorado is mostly provided by the 75 inpatient facilities throughout the state; most are privately operated, two are public institutions, two are Veterans Health Administration facilities, and three are military facilities. Colorado also has many free-standing surgery and radiation therapy facilities, and private oncology practitioners also provide care in their offices.

REGISTRY STRUCTURE AND METHODS

The CCCR is located in the Colorado Department of Public Health and Environment, in the state capital of Denver. The registry is funded mostly by federal funds through the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR). Approximately 20% of the funding is from state general funds. The registry has 11.8 full-time equivalent positions and is staffed by a director, two statisticians, a data quality and training coordinator, a case ascertainment supervisor, and registrars (6.8 full-time equivalents). Most case reports are submitted by hospitals. Other data sources include pathology laboratories, radiation and surgery centres, death certificates, interstate data exchange, statewide hospital discharge datasets, and medical claims data. The CCCR maintains a rigorous quality control programme, which includes audits of hospital reporters, routine quality reviews of the data, and a statewide training programme for tumour registrars.

INTERPRETING THE RESULTS

Colorado has no special characteristics that influence incidence rates, apart from several screening programmes. Breast and cervical cancer screening programmes for women aged 50–64 years and 40–64 years, respectively, started in 1991. Colorectal cancer screening for men and women aged 50–64 years began in 2006.

USE OF THE DATA

The CCCR produces an annual report on cancer incidence and mortality. The report includes survival statistics and county-level data, as well as measures of early detection of disease. The data are published online and can be interactively queried. CCCR data are also used for many special studies, environmental risk analyses, cancer control programme evaluations, cancer care facility market analyses, and responses to citizen inquiries.

CONTRIBUTORS

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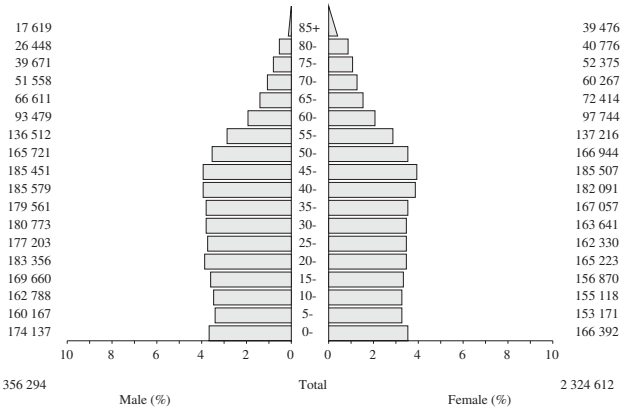
USA, Colorado (2003-2007)
Average annual person-years by sex and age group

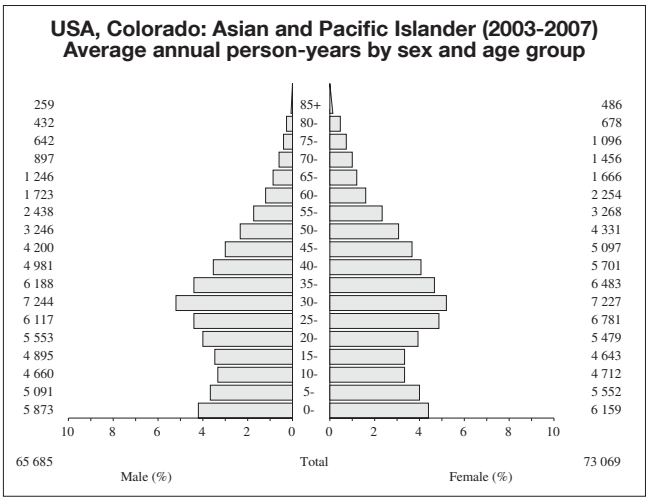


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

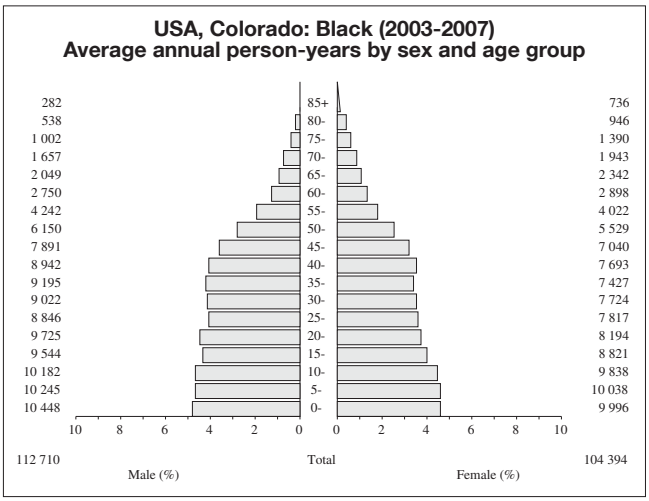
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	109.1	Breast	86.5
Trachea, bronchus and lung	34.6	Trachea, bronchus and lung	28.2
Colon	20.3	Colon	17.0
Bladder	19.2	Corpus uteri	14.2
Melanoma of skin	16.7	Melanoma of skin	13.6
Non-Hodgkin lymphoma	14.5	Thyroid	13.2
Kidney	11.7	Non-Hodgkin lymphoma	10.7
Rectum	9.9	Ovary	9.7
Pancreas	7.3	Other and unspecified	6.0
Lymphoid leukaemia	6.9	Rectum	5.8
All sites	330.1	All sites	268.6



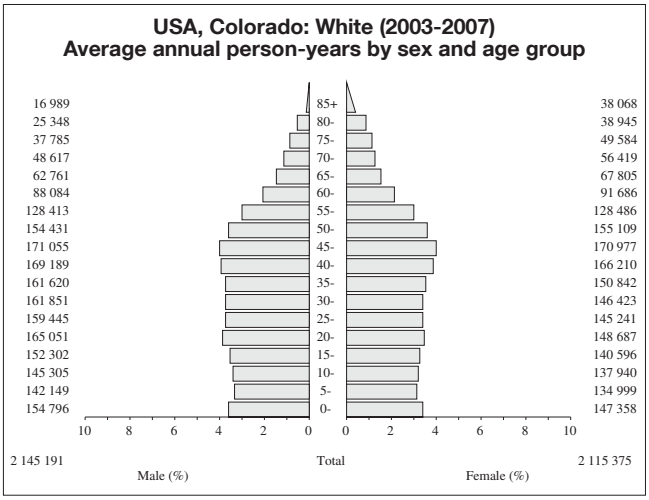
USA, COLORADO: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	38.1	Breast	48.4
Trachea, bronchus and lung	27.1	Trachea, bronchus and lung	17.5
Colon	15.0	Colon	11.6
Liver	14.4	Thyroid	11.4
Stomach	10.3	Non-Hodgkin lymphoma	7.9
Non-Hodgkin lymphoma	9.6	Corpus uteri	7.2
Rectum	7.7	Liver	6.8
Other and unspecified	5.5	Ovary	5.6
Pancreas	5.0	Cervix uteri	5.6
Lymphoid leukaemia	3.7	Rectum	5.1
All sites	173.5	All sites	170.1



USA, COLORADO: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	160.5	Breast	70.8
Trachea, bronchus and lung	45.0	Trachea, bronchus and lung	28.0
Colon	25.6	Colon	20.7
Kidney	13.7	Corpus uteri	12.1
Pancreas	11.7	Thyroid	10.6
Liver	11.7	Multiple myeloma	8.4
Non-Hodgkin lymphoma	9.8	Ovary	7.8
Bladder	9.3	Pancreas	7.3
Rectum	8.8	Kidney	7.0
Multiple myeloma	7.7	Non-Hodgkin lymphoma	6.8
All sites	373.7	All sites	237.5



USA, COLORADO: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	103.0	Breast	86.8
Trachea, bronchus and lung	34.5	Trachea, bronchus and lung	28.4
Colon	20.1	Colon	17.0
Bladder	19.4	Melanoma of skin	14.5
Melanoma of skin	17.7	Corpus uteri	14.2
Non-Hodgkin lymphoma	14.3	Thyroid	13.2
Kidney	11.7	Non-Hodgkin lymphoma	10.6
Rectum	9.9	Ovary	9.8
Pancreas	7.3	Other and unspecified	6.0
Lymphoid leukaemia	6.7	Kidney	5.7
All sites	323.9	All sites	268.9

USA, Colorado (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	116	0.2	1.0	**0.7**	0.04	0.07	48	0.1	0.4	**0.3**	0.01	0.03	*C00*
Tongue	432	0.9	3.7	**3.0**	0.21	0.38	174	0.4	1.5	**1.1**	0.06	0.13	*C01-02*
Mouth	203	0.4	1.7	**1.4**	0.08	0.17	159	0.4	1.4	**0.9**	0.04	0.09	*C03-06*
Salivary glands	161	0.3	1.4	**1.1**	0.05	0.11	104	0.2	0.9	**0.6**	0.04	0.07	*C07-08*
Tonsil	253	0.5	2.1	**1.7**	0.14	0.19	61	0.1	0.5	**0.4**	0.02	0.05	*C09*
Other oropharynx	34	0.1	0.3	**0.2**	0.02	0.03	20	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	65	0.1	0.6	**0.5**	0.03	0.05	27	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	64	0.1	0.5	**0.4**	0.03	0.05	20	0.0	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	72	0.2	0.6	**0.5**	0.04	0.05	19	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	751	1.6	6.4	**5.1**	0.26	0.65	166	0.4	1.4	**0.9**	0.04	0.10	*C15*
Stomach	699	1.5	5.9	**4.6**	0.22	0.57	397	0.9	3.4	**2.1**	0.10	0.23	*C16*
Small intestine	210	0.4	1.8	**1.4**	0.09	0.17	191	0.4	1.6	**1.1**	0.06	0.13	*C17*
Colon	3085	6.4	26.2	**20.3**	0.89	2.34	3281	7.3	28.2	**17.0**	0.77	1.92	*C18*
Rectum	1458	3.0	12.4	**9.9**	0.57	1.20	1045	2.3	9.0	**5.8**	0.35	0.65	*C19-20*
Anus	119	0.2	1.0	**0.8**	0.06	0.08	221	0.5	1.9	**1.3**	0.10	0.15	*C21*
Liver	841	1.8	7.1	**5.7**	0.37	0.66	346	0.8	3.0	**2.0**	0.11	0.21	*C22*
Gallbladder etc.	234	0.5	2.0	**1.5**	0.07	0.19	298	0.7	2.6	**1.5**	0.07	0.17	*C23-24*
Pancreas	1090	2.3	9.3	**7.3**	0.36	0.91	1092	2.4	9.4	**5.7**	0.24	0.67	*C25*
Nose, sinuses etc.	70	0.1	0.6	**0.5**	0.03	0.05	53	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	420	0.9	3.6	**3.0**	0.16	0.41	129	0.3	1.1	**0.8**	0.05	0.10	*C32*
Trachea, bronchus and lung	5208	10.9	44.2	**34.6**	1.33	4.26	5003	11.1	43.0	**28.2**	1.21	3.67	*C33-34*
Other thoracic organs	69	0.1	0.6	**0.5**	0.03	0.05	41	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	148	0.3	1.3	**1.3**	0.08	0.10	104	0.2	0.9	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	2500	5.2	21.2	**16.7**	1.06	1.85	2087	4.6	18.0	**13.6**	0.98	1.37	*C43*
Other skin	147		1.2	**1.0**	0.04	0.09	141		1.2	**0.8**	0.05	0.08	*C44*
Mesothelioma	128	0.3	1.1	**0.8**	0.03	0.10	38	0.1	0.3	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	65	0.1	0.6	**0.4**	0.03	0.04	4	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	363	0.8	3.1	**2.6**	0.15	0.26	283	0.6	2.4	**1.9**	0.10	0.19	*C47+C49*
Breast	99	0.2	0.8	**0.7**	0.03	0.08	14072	31.3	121.1	**86.5**	6.08	10.11	*C50*
Vulva							251	0.6	2.2	**1.4**	0.08	0.14	*C51*
Vagina							71	0.2	0.6	**0.4**	0.02	0.04	*C52*
Cervix uteri							810	1.8	7.0	**5.5**	0.44	0.53	*C53*
Corpus uteri							2292	5.1	19.7	**14.2**	1.04	1.71	*C54*
Uterus unspecified							57	0.1	0.5	**0.3**	0.01	0.02	*C55*
Ovary							1592	3.5	13.7	**9.7**	0.64	1.12	*C56*
Other female genital organs							87	0.2	0.7	**0.5**	0.03	0.06	*C57*
Placenta							14	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	62	0.1	0.5	**0.4**	0.02	0.04							*C60*
Prostate	15444	32.2	131.1	**109.1**	5.72	14.85							*C61*
Testis	719	1.5	6.1	**5.3**	0.40	0.41							*C62*
Other male genital organs	20	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	1697	3.5	14.4	**11.7**	0.68	1.44	964	2.1	8.3	**5.7**	0.34	0.65	*C64*
Renal pelvis	70	0.1	0.6	**0.5**	0.02	0.06	62	0.1	0.5	**0.3**	0.01	0.03	*C65*
Ureter	51	0.1	0.4	**0.4**	0.01	0.05	46	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	2929	6.1	24.9	**19.2**	0.75	2.26	955	2.1	8.2	**5.1**	0.23	0.59	*C67*
Other urinary organs	23	0.0	0.2	**0.1**	0.01	0.01	9	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	104	0.2	0.9	**0.8**	0.04	0.09	109	0.2	0.9	**0.8**	0.05	0.08	*C69*
Brain, nervous system	803	1.7	6.8	**6.0**	0.37	0.58	678	1.5	5.8	**4.8**	0.29	0.45	*C70-72*
Thyroid	614	1.3	5.2	**4.2**	0.29	0.46	1890	4.2	16.3	**13.2**	1.04	1.25	*C73*
Adrenal gland	37	0.1	0.3	**0.4**	0.02	0.03	32	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	24	0.1	0.2	**0.2**	0.01	0.01	9	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	343	0.7	2.9	**2.6**	0.18	0.23	269	0.6	2.3	**2.1**	0.13	0.17	*C81*
Non-Hodgkin lymphoma	2122	4.4	18.0	**14.5**	0.79	1.60	1833	4.1	15.8	**10.7**	0.60	1.21	*C82-85,C96*
Immunoproliferative diseases	42	0.1	0.4	**0.3**	0.01	0.03	38	0.1	0.3	**0.2**	0.01	0.03	*C88*
Multiple myeloma	622	1.3	5.3	**4.1**	0.18	0.49	461	1.0	4.0	**2.5**	0.13	0.30	*C90*
Lymphoid leukaemia	904	1.9	7.7	**6.9**	0.34	0.66	591	1.3	5.1	**3.9**	0.18	0.38	*C91*
Myeloid leukaemia	600	1.3	5.1	**4.0**	0.20	0.39	506	1.1	4.4	**3.0**	0.17	0.31	*C92-94*
Leukaemia unspecified	52	0.1	0.4	**0.3**	0.01	0.03	42	0.1	0.4	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	282	0.6	2.4	**1.9**	0.09	0.22	248	0.6	2.1	**1.4**	0.07	0.16	*MPD*
Myelodysplastic syndromes	405	0.8	3.4	**2.5**	0.05	0.24	331	0.7	2.8	**1.5**	0.05	0.16	*MDS*
Other and unspecified	993	2.1	8.4	**6.4**	0.31	0.66	1221	2.7	10.5	**6.0**	0.25	0.64	*O&U*
All sites	48066		408.0	**330.1**	17.02	40.00	45092		388.0	**268.6**	16.47	30.49	*C00-96*
All sites except C44	47919	100.0	406.7	**329.1**	16.97	39.92	44951	100.0	386.7	**267.8**	16.42	30.41	*C00-96 exc. C44*

§Includes 4 cases of unknown age

§Includes 5 cases of unknown age

USA, Colorado: Asian and Pacific Islander (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	1	0.2	0.3	**0.5**	0.00	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C01-02*
Mouth	2	0.4	0.6	**0.6**	0.07	0.07	3	0.4	0.8	**0.8**	0.08	0.08	*C03-06*
Salivary glands	2	0.4	0.6	**0.6**	0.05	0.05	3	0.4	0.8	**1.0**	0.03	0.15	*C07-08*
Tonsil	2	0.4	0.6	**0.4**	0.02	0.02	2	0.3	0.5	**0.6**	0.04	0.11	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	9	1.9	2.7	**2.2**	0.18	0.18	3	0.4	0.8	**0.6**	0.05	0.05	*C11*
Hypopharynx	2	0.4	0.6	**0.8**	0.00	0.11	1	0.1	0.3	**0.4**	0.00	0.06	*C12-13*
Pharynx unspecified	1	0.2	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	7	1.5	2.1	**2.3**	0.05	0.24	5	0.7	1.4	**1.4**	0.06	0.19	*C15*
Stomach	29	6.1	8.8	**10.3**	0.46	1.12	20	2.9	5.5	**4.9**	0.24	0.62	*C16*
Small intestine	0	0.0	0.0	**0.0**	0.00	0.00	3	0.4	0.8	**0.8**	0.08	0.08	*C17*
Colon	39	8.1	11.9	**15.0**	0.61	1.90	48	7.1	13.1	**11.6**	0.42	1.32	*C18*
Rectum	20	4.2	6.1	**7.7**	0.27	0.93	21	3.1	5.7	**5.1**	0.43	0.57	*C19-20*
Anus	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C21*
Liver	42	8.8	12.8	**14.4**	0.64	1.79	27	4.0	7.4	**6.8**	0.26	0.84	*C22*
Gallbladder etc.	6	1.3	1.8	**2.2**	0.03	0.22	9	1.3	2.5	**1.9**	0.10	0.17	*C23-24*
Pancreas	13	2.7	4.0	**5.0**	0.21	0.63	17	2.5	4.7	**4.2**	0.11	0.57	*C25*
Nose, sinuses etc.	2	0.4	0.6	**0.5**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	3	0.6	0.9	**1.1**	0.14	0.14	1	0.1	0.3	**0.4**	0.00	0.06	*C32*
Trachea, bronchus and lung	72	15.0	21.9	**27.1**	0.88	3.47	68	10.0	18.6	**17.5**	0.68	2.29	*C33-34*
Other thoracic organs	3	0.6	0.9	**0.9**	0.07	0.07	1	0.1	0.3	**0.2**	0.02	0.02	*C37-38*
Bone	0	0.0	0.0	**0.0**	0.00	0.00	2	0.3	0.5	**0.7**	0.04	0.04	*C40-41*
Melanoma of skin	2	0.4	0.6	**0.7**	0.00	0.00	6	0.9	1.6	**1.6**	0.17	0.17	*C43*
Other skin	2		0.6	**0.8**	0.03	0.11	1		0.3	**0.4**	0.04	0.04	*C44*
Mesothelioma	1	0.2	0.3	**0.5**	0.00	0.08	2	0.3	0.5	**0.7**	0.00	0.12	*C45*
Kaposi sarcoma	1	0.2	0.3	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	10	2.1	3.0	**3.5**	0.29	0.37	4	0.6	1.1	**1.0**	0.02	0.14	*C47+C49*
Breast	0	0.0	0.0	**0.0**	0.00	0.00	191	28.2	52.3	**48.4**	3.51	5.64	*C50*
Vulva							2	0.3	0.5	**0.5**	0.00	0.06	*C51*
Vagina							5	0.7	1.4	**1.1**	0.10	0.10	*C52*
Cervix uteri							24	3.5	6.6	**5.6**	0.49	0.63	*C53*
Corpus uteri							29	4.3	7.9	**7.2**	0.54	0.86	*C54*
Uterus unspecified							1	0.1	0.3	**0.2**	0.00	0.00	*C55*
Ovary							23	3.4	6.3	**5.6**	0.31	0.71	*C56*
Other female genital organs							2	0.3	0.5	**0.4**	0.03	0.03	*C57*
Placenta							1	0.1	0.3	**0.2**	0.02	0.02	*C58*
Penis	1	0.2	0.3	**0.3**	0.00	0.00							*C60*
Prostate	95	19.8	28.9	**38.1**	1.60	5.25							*C61*
Testis	3	0.6	0.9	**0.9**	0.07	0.07							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	8	1.7	2.4	**2.5**	0.13	0.24	9	1.3	2.5	**2.5**	0.16	0.35	*C64*
Renal pelvis	2	0.4	0.6	**0.6**	0.06	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.2	0.3	**0.5**	0.06	0.06	2	0.3	0.5	**0.5**	0.03	0.10	*C66*
Bladder	9	1.9	2.7	**3.5**	0.10	0.37	8	1.2	2.2	**2.1**	0.10	0.22	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	1	0.2	0.3	**0.4**	0.02	0.02	1	0.1	0.3	**0.2**	0.02	0.02	*C69*
Brain, nervous system	6	1.3	1.8	**1.8**	0.06	0.06	12	1.8	3.3	**2.9**	0.14	0.21	*C70-72*
Thyroid	8	1.7	2.4	**2.3**	0.18	0.18	47	6.9	12.9	**11.4**	0.95	1.14	*C73*
Adrenal gland	1	0.2	0.3	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	2	0.4	0.6	**0.5**	0.03	0.03	1	0.1	0.3	**0.4**	0.02	0.02	*C81*
Non-Hodgkin lymphoma	30	6.3	9.1	**9.6**	0.28	0.89	31	4.6	8.5	**7.9**	0.30	0.88	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	5	1.0	1.5	**1.7**	0.07	0.19	8	1.2	2.2	**1.8**	0.03	0.24	*C90*
Lymphoid leukaemia	10	2.1	3.0	**3.7**	0.09	0.51	6	0.9	1.6	**1.9**	0.09	0.16	*C91*
Myeloid leukaemia	7	1.5	2.1	**2.2**	0.13	0.13	5	0.7	1.4	**1.2**	0.13	0.13	*C92-94*
Leukaemia unspecified	1	0.2	0.3	**0.4**	0.00	0.11	1	0.1	0.3	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	3	0.6	0.9	**1.2**	0.08	0.19	6	0.9	1.6	**1.6**	0.00	0.19	*MDS*
Other and unspecified	17	3.5	5.2	**5.5**	0.33	0.44	17	2.5	4.7	**4.0**	0.14	0.32	*O&U*
All sites	481		146.5	**173.5**	7.41	20.48	679		185.8	**170.1**	9.99	19.70	*C00-96*
All sites except C44	479	100.0	145.8	**172.8**	7.38	20.36	678	100.0	185.6	**169.7**	9.95	19.66	*C00-96 exc. C44*

USA, Colorado: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	9	0.5	1.6	**1.9**	0.07	0.29	3	0.2	0.6	**0.6**	0.06	0.06	*C01-02*
Mouth	6	0.4	1.1	**1.4**	0.08	0.19	2	0.2	0.4	**0.4**	0.04	0.04	*C03-06*
Salivary glands	4	0.2	0.7	**0.9**	0.06	0.06	2	0.2	0.4	**0.3**	0.03	0.03	*C07-08*
Tonsil	9	0.5	1.6	**1.8**	0.14	0.25	1	0.1	0.2	**0.2**	0.02	0.02	*C09*
Other oropharynx	2	0.1	0.4	**0.3**	0.04	0.04	2	0.2	0.4	**0.5**	0.05	0.05	*C10*
Nasopharynx	5	0.3	0.9	**0.8**	0.08	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	4	0.2	0.7	**0.6**	0.06	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.1	0.4	**0.5**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	27	1.6	4.8	**6.1**	0.24	0.74	7	0.6	1.3	**1.7**	0.11	0.25	*C15*
Stomach	26	1.6	4.6	**6.0**	0.27	0.74	26	2.1	5.0	**5.2**	0.32	0.70	*C16*
Small intestine	11	0.7	2.0	**2.3**	0.15	0.25	11	0.9	2.1	**1.8**	0.09	0.13	*C17*
Colon	117	7.0	20.8	**25.6**	1.31	3.15	109	8.8	20.9	**20.7**	1.01	2.42	*C18*
Rectum	43	2.6	7.6	**8.8**	0.57	1.12	31	2.5	5.9	**5.9**	0.38	0.70	*C19-20*
Anus	5	0.3	0.9	**0.9**	0.09	0.09	4	0.3	0.8	**0.7**	0.03	0.08	*C21*
Liver	53	3.2	9.4	**11.7**	0.93	1.46	11	0.9	2.1	**1.9**	0.07	0.21	*C22*
Gallbladder etc.	11	0.7	2.0	**2.4**	0.05	0.27	13	1.1	2.5	**2.5**	0.14	0.28	*C23-24*
Pancreas	52	3.1	9.2	**11.7**	0.47	1.54	40	3.2	7.7	**7.3**	0.34	0.87	*C25*
Nose, sinuses etc.	1	0.1	0.2	**0.3**	0.00	0.05	1	0.1	0.2	**0.2**	0.01	0.01	*C30-31*
Larynx	21	1.3	3.7	**5.1**	0.26	0.75	5	0.4	1.0	**1.0**	0.04	0.13	*C32*
Trachea, bronchus and lung	201	12.0	35.7	**45.0**	1.98	5.82	138	11.2	26.4	**28.0**	1.24	3.76	*C33-34*
Other thoracic organs	2	0.1	0.4	**0.4**	0.05	0.05	3	0.2	0.6	**0.7**	0.06	0.06	*C37-38*
Bone	4	0.2	0.7	**0.6**	0.05	0.05	2	0.2	0.4	**0.4**	0.03	0.03	*C40-41*
Melanoma of skin	7	0.4	1.2	**1.5**	0.05	0.10	4	0.3	0.8	**0.8**	0.03	0.12	*C43*
Other skin	8		1.4	**1.3**	0.10	0.10	5		1.0	**1.0**	0.10	0.10	*C44*
Mesothelioma	2	0.1	0.4	**0.6**	0.07	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	6	0.4	1.1	**0.8**	0.07	0.07	1	0.1	0.2	**0.2**	0.01	0.01	*C46*
Connective and soft tissue	6	0.4	1.1	**1.2**	0.06	0.17	11	0.9	2.1	**2.2**	0.14	0.23	*C47+C49*
Breast	3	0.2	0.5	**0.7**	0.05	0.10	377	30.5	72.2	**70.8**	4.62	8.41	*C50*
Vulva							5	0.4	1.0	**0.9**	0.05	0.05	*C51*
Vagina							4	0.3	0.8	**0.8**	0.01	0.11	*C52*
Cervix uteri							36	2.9	6.9	**6.5**	0.45	0.68	*C53*
Corpus uteri							59	4.8	11.3	**12.1**	0.92	1.48	*C54*
Uterus unspecified							4	0.3	0.8	**0.6**	0.00	0.05	*C55*
Ovary							39	3.2	7.5	**7.8**	0.51	1.03	*C56*
Other female genital organs							4	0.3	0.8	**0.8**	0.04	0.09	*C57*
Placenta							1	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	4	0.2	0.7	**0.9**	0.04	0.04							*C60*
Prostate	692	41.3	122.8	**160.5**	9.56	21.49							*C61*
Testis	10	0.6	1.8	**1.6**	0.12	0.12							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	64	3.8	11.4	**13.7**	0.87	1.57	36	2.9	6.9	**7.0**	0.45	0.84	*C64*
Renal pelvis	1	0.1	0.2	**0.3**	0.00	0.05	1	0.1	0.2	**0.1**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	42	2.5	7.5	**9.3**	0.51	1.06	20	1.6	3.8	**3.9**	0.18	0.50	*C67*
Other urinary organs	1	0.1	0.2	**0.2**	0.02	0.02	1	0.1	0.2	**0.2**	0.02	0.02	*C68*
Eye	2	0.1	0.4	**0.5**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	16	1.0	2.8	**3.1**	0.20	0.35	18	1.5	3.4	**3.5**	0.19	0.32	*C70-72*
Thyroid	10	0.6	1.8	**1.9**	0.16	0.21	57	4.6	10.9	**10.6**	0.82	1.14	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	3	0.2	0.6	**0.7**	0.03	0.08	*C74*
Other endocrine	1	0.1	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	14	0.8	2.5	**2.5**	0.13	0.24	2	0.2	0.4	**0.3**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	50	3.0	8.9	**9.8**	0.60	0.98	37	3.0	7.1	**6.8**	0.37	0.65	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	36	2.1	6.4	**7.7**	0.41	0.80	41	3.3	7.9	**8.4**	0.67	1.06	*C90*
Lymphoid leukaemia	24	1.4	4.3	**5.5**	0.21	0.63	7	0.6	1.3	**1.2**	0.03	0.11	*C91*
Myeloid leukaemia	18	1.1	3.2	**3.9**	0.20	0.36	11	0.9	2.1	**2.2**	0.12	0.27	*C92-94*
Leukaemia unspecified	2	0.1	0.4	**0.5**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	6	0.4	1.1	**1.4**	0.05	0.22	5	0.4	1.0	**0.9**	0.03	0.07	*MPD*
Myelodysplastic syndromes	7	0.4	1.2	**1.7**	0.06	0.17	6	0.5	1.1	**0.9**	0.01	0.06	*MDS*
Other and unspecified	38	2.3	6.7	**7.7**	0.57	0.79	34	2.8	6.5	**6.7**	0.33	0.85	*O&U*
All sites	1685		299.0	**373.7**	21.18	46.88	1240		237.6	**237.5**	14.26	28.23	*C00-96*
All sites except C44	1677	100.0	297.6	**372.5**	21.08	46.79	1235	100.0	236.6	**236.5**	14.16	28.13	*C00-96 exc. C44*

USA, Colorado: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	102	0.2	1.0	**0.7**	0.03	0.07	44	0.1	0.4	**0.2**	0.01	0.03	*C00*
Tongue	415	0.9	3.9	**3.1**	0.22	0.39	166	0.4	1.6	**1.1**	0.06	0.13	*C01-02*
Mouth	191	0.4	1.8	**1.4**	0.08	0.17	148	0.4	1.4	**0.9**	0.04	0.09	*C03-06*
Salivary glands	153	0.3	1.4	**1.1**	0.05	0.11	96	0.2	0.9	**0.6**	0.04	0.07	*C07-08*
Tonsil	242	0.5	2.3	**1.7**	0.15	0.19	57	0.1	0.5	**0.4**	0.02	0.05	*C09*
Other oropharynx	31	0.1	0.3	**0.2**	0.02	0.03	18	0.0	0.2	**0.1**	0.00	0.02	*C10*
Nasopharynx	51	0.1	0.5	**0.4**	0.03	0.05	23	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	57	0.1	0.5	**0.4**	0.03	0.05	19	0.0	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	69	0.2	0.6	**0.5**	0.04	0.05	19	0.0	0.2	**0.1**	0.01	0.02	*C14*
Oesophagus	709	1.6	6.6	**5.1**	0.26	0.65	151	0.4	1.4	**0.8**	0.03	0.10	*C15*
Stomach	630	1.4	5.9	**4.4**	0.21	0.54	346	0.8	3.3	**1.9**	0.09	0.20	*C16*
Small intestine	193	0.4	1.8	**1.4**	0.09	0.17	177	0.4	1.7	**1.1**	0.06	0.13	*C17*
Colon	2893	6.5	27.0	**20.1**	0.88	2.31	3084	7.3	29.2	**17.0**	0.76	1.90	*C18*
Rectum	1369	3.1	12.8	**9.9**	0.57	1.19	965	2.3	9.1	**5.7**	0.34	0.63	*C19-20*
Anus	111	0.3	1.0	**0.8**	0.05	0.08	214	0.5	2.0	**1.4**	0.10	0.16	*C21*
Liver	730	1.7	6.8	**5.2**	0.34	0.60	296	0.7	2.8	**1.7**	0.10	0.19	*C22*
Gallbladder etc.	216	0.5	2.0	**1.5**	0.07	0.18	273	0.6	2.6	**1.5**	0.06	0.16	*C23-24*
Pancreas	1018	2.3	9.5	**7.3**	0.36	0.89	1030	2.4	9.7	**5.7**	0.24	0.67	*C25*
Nose, sinuses etc.	66	0.1	0.6	**0.5**	0.03	0.05	51	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	387	0.9	3.6	**2.9**	0.15	0.40	122	0.3	1.2	**0.8**	0.06	0.10	*C32*
Trachea, bronchus and lung	4912	11.1	45.8	**34.5**	1.32	4.23	4762	11.3	45.0	**28.4**	1.23	3.71	*C33-34*
Other thoracic organs	63	0.1	0.6	**0.5**	0.03	0.05	35	0.1	0.3	**0.2**	0.01	0.03	*C37-38*
Bone	142	0.3	1.3	**1.3**	0.08	0.10	98	0.2	0.9	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	2479	5.6	23.1	**17.7**	1.13	1.96	2052	4.9	19.4	**14.5**	1.05	1.45	*C43*
Other skin	133		1.2	**0.9**	0.04	0.08	130		1.2	**0.8**	0.04	0.08	*C44*
Mesothelioma	123	0.3	1.1	**0.8**	0.03	0.11	36	0.1	0.3	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	54	0.1	0.5	**0.4**	0.03	0.04	3	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	337	0.8	3.1	**2.6**	0.15	0.25	265	0.6	2.5	**1.9**	0.11	0.19	*C47+C49*
Breast	93	0.2	0.9	**0.7**	0.03	0.08	13181	31.3	124.6	**86.8**	6.12	10.14	*C50*
Vulva							233	0.6	2.2	**1.3**	0.08	0.14	*C51*
Vagina							62	0.1	0.6	**0.4**	0.02	0.04	*C52*
Cervix uteri							721	1.7	6.8	**5.3**	0.43	0.51	*C53*
Corpus uteri							2152	5.1	20.3	**14.2**	1.04	1.72	*C54*
Uterus unspecified							52	0.1	0.5	**0.3**	0.01	0.02	*C55*
Ovary							1508	3.6	14.3	**9.8**	0.65	1.13	*C56*
Other female genital organs							80	0.2	0.8	**0.5**	0.03	0.06	*C57*
Placenta							9	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	57	0.1	0.5	**0.4**	0.02	0.04							*C60*
Prostate	13723	31.0	127.9	**103.0**	5.40	14.09							*C61*
Testis	677	1.5	6.3	**5.5**	0.42	0.42							*C62*
Other male genital organs	19	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	1595	3.6	14.9	**11.7**	0.67	1.45	904	2.1	8.5	**5.7**	0.34	0.65	*C64*
Renal pelvis	67	0.2	0.6	**0.5**	0.02	0.06	61	0.1	0.6	**0.3**	0.01	0.04	*C65*
Ureter	50	0.1	0.5	**0.4**	0.01	0.05	44	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	2810	6.4	26.2	**19.4**	0.75	2.30	896	2.1	8.5	**5.0**	0.22	0.59	*C67*
Other urinary organs	21	0.0	0.2	**0.1**	0.01	0.01	7	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	93	0.2	0.9	**0.7**	0.04	0.08	105	0.2	1.0	**0.8**	0.05	0.08	*C69*
Brain, nervous system	771	1.7	7.2	**6.2**	0.38	0.60	639	1.5	6.0	**4.9**	0.30	0.46	*C70-72*
Thyroid	580	1.3	5.4	**4.3**	0.30	0.47	1733	4.1	16.4	**13.2**	1.04	1.25	*C73*
Adrenal gland	35	0.1	0.3	**0.4**	0.02	0.03	29	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	19	0.0	0.2	**0.2**	0.01	0.01	9	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	316	0.7	2.9	**2.7**	0.19	0.23	260	0.6	2.5	**2.2**	0.14	0.18	*C81*
Non-Hodgkin lymphoma	1968	4.4	18.3	**14.3**	0.77	1.59	1689	4.0	16.0	**10.6**	0.59	1.19	*C82-85,C96*
Immunoproliferative diseases	40	0.1	0.4	**0.3**	0.01	0.03	37	0.1	0.3	**0.2**	0.01	0.03	*C88*
Multiple myeloma	568	1.3	5.3	**3.9**	0.17	0.47	398	0.9	3.8	**2.2**	0.11	0.27	*C90*
Lymphoid leukaemia	819	1.9	7.6	**6.7**	0.33	0.63	528	1.3	5.0	**3.7**	0.18	0.36	*C91*
Myeloid leukaemia	553	1.2	5.2	**4.0**	0.19	0.38	477	1.1	4.5	**3.0**	0.16	0.31	*C92-94*
Leukaemia unspecified	48	0.1	0.4	**0.3**	0.01	0.03	41	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	265	0.6	2.5	**1.9**	0.09	0.22	225	0.5	2.1	**1.4**	0.07	0.16	*MPD*
Myelodysplastic syndromes	386	0.9	3.6	**2.5**	0.05	0.23	306	0.7	2.9	**1.5**	0.05	0.16	*MDS*
Other and unspecified	924	2.1	8.6	**6.3**	0.30	0.65	1153	2.7	10.9	**6.0**	0.24	0.63	*O&U*
All sites	44373		413.7	**323.9**	16.66	39.20	42219		399.2	**268.9**	16.53	30.46	*C00-96*
All sites except C44	44240	100.0	412.5	**323.0**	16.62	39.11	42089	100.0	397.9	**268.1**	16.48	30.39	*C00-96 exc. C44*

§Includes 3 cases of unknown age

USA, Connecticut

REGISTRATION AREA

The Connecticut Tumor Registry (CTR) covers the entire state of Connecticut in the USA, which has an area of approximately 14 400 km^2 and a total population of about 3.6 million, making Connecticut the fourth most densely populated state in the country.

REGISTRY STRUCTURE AND METHODS

The CTR is the oldest population-based registry in the USA, containing records on all reported tumours diagnosed in Connecticut residents since 1935. The registry has attained national and international prominence in the study of cancer epidemiology, and has been a member of the SEER Program since 1973. Before 1973, the CTR was a participant in the End Results Program sponsored by the National Cancer Institute. The CTR has collected data on about 718 000 cancer cases diagnosed since 1973. Of these, approximately 248 000 cases are coded as "alive" and are under active follow-up (excluding in situ cervical cancers). Data on the more than 204 000 tumours diagnosed from 1935 to 1972 are part of the CTR's historical files from the pre-SEER era. Reporting of cancer cases to the CTR by all licensed medical providers is mandated by state statute. The CTR receives approximately 90% of its case reports from Connecticut hospitals and private laboratories. Other reports are received from independent ambulatory surgery, radiation, and infusion therapy centres. The CTR also has reciprocal reporting agreements with all contiguous states, as well as southern states recognized as typical winter holiday destinations for Connecticut residents (such as Florida).

INTERPRETING THE RESULTS

Cancer screening rates are relatively high in Connecticut compared with other states. In 2012, only about 20% of Connecticut women aged 18 years or more reported not having had a Pap test in the previous 3 years, and only 18.5% of women aged 50 years or more had not received a mammogram in the previous 2 years. In 2012, 74.5% of Connecticut adults reported that they had undergone sigmoidoscopy or colonoscopy at least once (at any time in the past), and 16.4% reported having had a faecal occult blood test in the previous 2 years.

USE OF THE DATA

CTR data are used by a wide variety of researchers for studies aimed at reducing cancer incidence and severity, improving the quality of cancer care, and investigating treatment cost containment. The data are also used for public health assessments that identify specific population groups within Connecticut in which screening and treatment improvements are most needed, and in the development of policy initiatives to reduce the burden of cancer throughout the state.

CONTRIBUTORS

Cathryn E. Phillips
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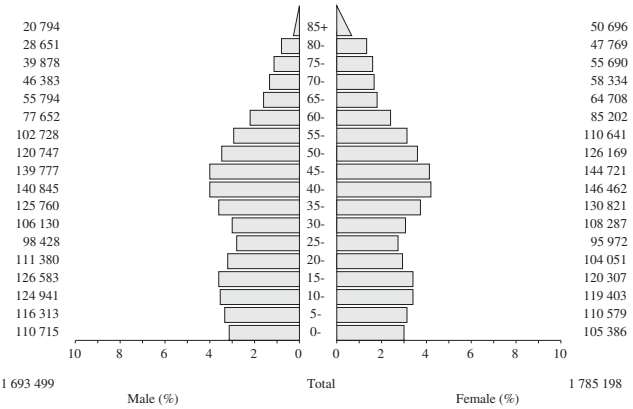
USA, Connecticut (2003-2007)
Average annual person-years by sex and age group

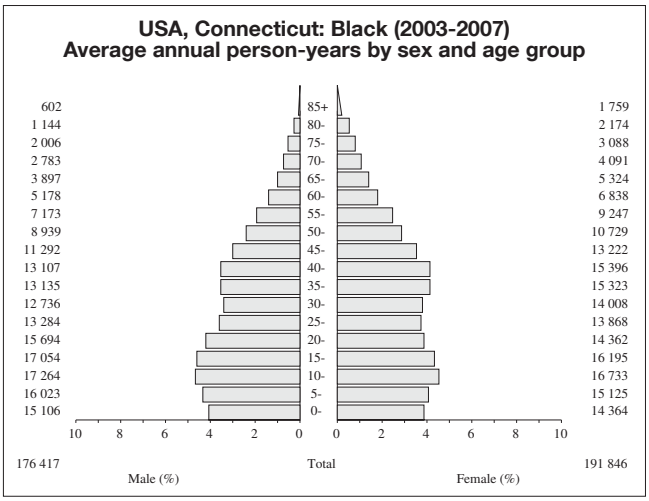


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

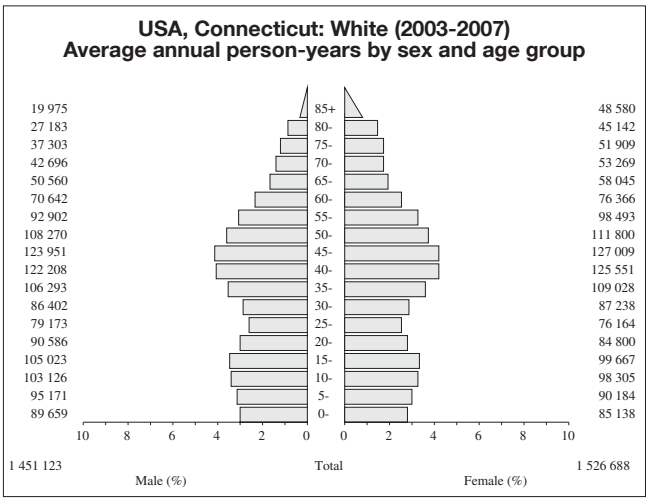
Male		Female	
Prostate	112.9	Breast	94.4
Trachea, bronchus and lung	49.0	Trachea, bronchus and lung	38.3
Bladder	25.8	Corpus uteri	20.7
Colon	23.8	Colon	18.9
Melanoma of skin	19.2	Thyroid	17.7
Non-Hodgkin lymphoma	16.9	Melanoma of skin	14.6
Kidney	13.2	Non-Hodgkin lymphoma	12.1
Rectum	11.9	Ovary	9.6
Pancreas	9.7	Bladder	7.5
Stomach	7.6	Rectum	7.3
All sites	385.1	All sites	311.9



NOTES ON THE DATA: *No official mortality data.

USA, CONNECTICUT: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	164.7	Breast	77.4
Trachea, bronchus and lung	58.0	Trachea, bronchus and lung	30.1
Colon	27.0	Colon	23.2
Non-Hodgkin lymphoma	14.9	Corpus uteri	18.1
Kidney	14.4	Non-Hodgkin lymphoma	9.7
Pancreas	14.1	Rectum	9.2
Stomach	13.0	Pancreas	9.1
Bladder	11.6	Thyroid	8.1
Rectum	11.0	Cervix uteri	7.1
Liver	10.9	Ovary	6.8
All sites	427.2	All sites	267.5



NOTES ON THE DATA: *No official mortality data.

USA, CONNECTICUT: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	109.1	Breast	96.5
Trachea, bronchus and lung	48.8	Trachea, bronchus and lung	39.3
Bladder	27.0	Corpus uteri	21.1
Colon	23.5	Thyroid	18.7
Melanoma of skin	20.6	Colon	18.7
Non-Hodgkin lymphoma	17.0	Melanoma of skin	16.1
Kidney	13.2	Non-Hodgkin lymphoma	12.4
Rectum	12.0	Ovary	9.8
Pancreas	9.5	Bladder	7.8
Stomach	7.2	Rectum	7.0
All sites	383.5	All sites	317.8

USA, Connecticut (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	39	0.1	0.5	**0.3**	0.01	0.03	19	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	407	0.8	4.8	**3.4**	0.25	0.43	196	0.4	2.2	**1.3**	0.08	0.15	*C01-02*
Mouth	259	0.5	3.1	**2.1**	0.13	0.26	178	0.4	2.0	**1.0**	0.05	0.12	*C03-06*
Salivary glands	143	0.3	1.7	**1.1**	0.07	0.11	102	0.2	1.1	**0.7**	0.05	0.06	*C07-08*
Tonsil	271	0.6	3.2	**2.3**	0.19	0.28	55	0.1	0.6	**0.4**	0.03	0.05	*C09*
Other oropharynx	55	0.1	0.6	**0.5**	0.04	0.05	12	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	63	0.1	0.7	**0.6**	0.04	0.07	26	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	128	0.3	1.5	**1.1**	0.06	0.14	39	0.1	0.4	**0.3**	0.01	0.04	*C12-13*
Pharynx unspecified	21	0.0	0.2	**0.2**	0.01	0.02	7	0.0	0.1	**0.0**	0.00	0.01	*C14*
Oesophagus	818	1.7	9.7	**6.3**	0.33	0.81	269	0.6	3.0	**1.5**	0.07	0.17	*C15*
Stomach	1039	2.1	12.3	**7.6**	0.36	0.88	613	1.3	6.9	**3.3**	0.16	0.36	*C16*
Small intestine	209	0.4	2.5	**1.7**	0.09	0.20	187	0.4	2.1	**1.1**	0.07	0.12	*C17*
Colon	3262	6.7	38.5	**23.8**	1.08	2.71	3705	7.8	41.5	**18.9**	0.83	2.13	*C18*
Rectum	1548	3.2	18.3	**11.9**	0.68	1.39	1217	2.5	13.6	**7.3**	0.43	0.84	*C19-20*
Anus	114	0.2	1.3	**0.9**	0.05	0.10	174	0.4	1.9	**1.2**	0.09	0.12	*C21*
Liver	873	1.8	10.3	**6.9**	0.44	0.82	301	0.6	3.4	**1.9**	0.10	0.21	*C22*
Gallbladder etc.	253	0.5	3.0	**1.8**	0.07	0.21	316	0.7	3.5	**1.6**	0.07	0.19	*C23-24*
Pancreas	1302	2.7	15.4	**9.7**	0.46	1.16	1327	2.8	14.9	**6.9**	0.29	0.81	*C25*
Nose, sinuses etc.	65	0.1	0.8	**0.5**	0.03	0.05	60	0.1	0.7	**0.4**	0.02	0.04	*C30-31*
Larynx	569	1.2	6.7	**4.6**	0.27	0.58	148	0.3	1.7	**1.0**	0.05	0.13	*C32*
Trachea, bronchus and lung	6576	13.5	77.7	**49.0**	2.10	6.13	6473	13.5	72.5	**38.3**	1.89	4.89	*C33-34*
Other thoracic organs	73	0.1	0.9	**0.7**	0.05	0.07	49	0.1	0.5	**0.4**	0.03	0.04	*C37-38*
Bone	115	0.2	1.4	**1.2**	0.07	0.10	96	0.2	1.1	**1.0**	0.06	0.08	*C40-41*
Melanoma of skin	2418	5.0	28.6	**19.2**	1.15	2.14	1948	4.1	21.8	**14.6**	1.02	1.53	*C43*
Other skin	150		1.8	**1.1**	0.06	0.10	142		1.6	**0.9**	0.05	0.08	*C44*
Mesothelioma	160	0.3	1.9	**1.1**	0.04	0.13	60	0.1	0.7	**0.3**	0.02	0.03	*C45*
Kaposi sarcoma	61	0.1	0.7	**0.5**	0.04	0.05	15	0.0	0.2	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	366	0.8	4.3	**3.2**	0.19	0.29	301	0.6	3.4	**2.2**	0.14	0.21	*C47+C49*
Breast	136	0.3	1.6	**1.1**	0.05	0.13	13650	28.6	152.9	**94.4**	6.65	10.82	*C50*
Vulva							287	0.6	3.2	**1.5**	0.08	0.15	*C51*
Vagina							80	0.2	0.9	**0.4**	0.02	0.05	*C52*
Cervix uteri							637	1.3	7.1	**5.3**	0.40	0.54	*C53*
Corpus uteri							2924	6.1	32.8	**20.7**	1.46	2.57	*C54*
Uterus unspecified							70	0.1	0.8	**0.5**	0.03	0.05	*C55*
Ovary							1446	3.0	16.2	**9.6**	0.65	1.12	*C56*
Other female genital organs							60	0.1	0.7	**0.4**	0.03	0.05	*C57*
Placenta							9	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	66	0.1	0.8	**0.5**	0.02	0.05							*C60*
Prostate	13884	28.5	164.0	**112.9**	5.99	15.39							*C61*
Testis	511	1.0	6.0	**5.8**	0.43	0.44							*C62*
Other male genital organs	20	0.0	0.2	**0.2**	0.01	0.01							*C63*
Kidney	1620	3.3	19.1	**13.2**	0.84	1.55	1023	2.1	11.5	**6.8**	0.42	0.80	*C64*
Renal pelvis	83	0.2	1.0	**0.6**	0.02	0.06	79	0.2	0.9	**0.4**	0.02	0.04	*C65*
Ureter	73	0.1	0.9	**0.5**	0.02	0.06	53	0.1	0.6	**0.2**	0.01	0.03	*C66*
Bladder	3651	7.5	43.1	**25.8**	1.04	3.01	1382	2.9	15.5	**7.5**	0.36	0.89	*C67*
Other urinary organs	44	0.1	0.5	**0.3**	0.01	0.03	24	0.1	0.3	**0.2**	0.01	0.02	*C68*
Eye	77	0.2	0.9	**0.7**	0.04	0.07	73	0.2	0.8	**0.6**	0.03	0.06	*C69*
Brain, nervous system	684	1.4	8.1	**6.6**	0.41	0.64	615	1.3	6.9	**5.0**	0.30	0.48	*C70-72*
Thyroid	632	1.3	7.5	**5.8**	0.44	0.60	2021	4.2	22.6	**17.7**	1.39	1.73	*C73*
Adrenal gland	25	0.1	0.3	**0.4**	0.02	0.02	24	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	18	0.0	0.2	**0.2**	0.01	0.01	4	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	333	0.7	3.9	**3.5**	0.24	0.29	291	0.6	3.3	**3.0**	0.20	0.23	*C81*
Non-Hodgkin lymphoma	2164	4.4	25.6	**16.9**	0.93	1.84	1968	4.1	22.0	**12.1**	0.68	1.35	*C82-85,C96*
Immunoproliferative diseases	55	0.1	0.6	**0.4**	0.02	0.04	38	0.1	0.4	**0.2**	0.01	0.03	*C88*
Multiple myeloma	588	1.2	6.9	**4.3**	0.22	0.49	517	1.1	5.8	**2.8**	0.14	0.34	*C90*
Lymphoid leukaemia	689	1.4	8.1	**6.3**	0.33	0.61	446	0.9	5.0	**3.5**	0.19	0.29	*C91*
Myeloid leukaemia	527	1.1	6.2	**4.2**	0.20	0.42	426	0.9	4.8	**2.9**	0.16	0.28	*C92-94*
Leukaemia unspecified	62	0.1	0.7	**0.4**	0.01	0.04	71	0.1	0.8	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	215	0.4	2.5	**1.6**	0.07	0.18	181	0.4	2.0	**1.1**	0.06	0.11	*MPD*
Myelodysplastic syndromes	417	0.9	4.9	**2.8**	0.10	0.28	348	0.7	3.9	**1.6**	0.06	0.17	*MDS*
Other and unspecified	985	2.0	11.6	**7.2**	0.35	0.80	1155	2.4	12.9	**5.7**	0.25	0.61	*O&U*
All sites	48916		577.7	**385.1**	20.17	46.37	47937		537.0	**311.9**	19.32	35.32	*C00-96*
All sites except C44	48766	100.0	575.9	**384.0**	20.11	46.26	47795	100.0	535.5	**311.0**	19.27	35.24	*C00-96 exc. C44*

*USA, Connecticut: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	26	0.8	2.9	**3.4**	0.20	0.55	9	0.3	0.9	**0.9**	0.05	0.12	*C01-02*
Mouth	22	0.7	2.5	**2.9**	0.22	0.40	15	0.5	1.6	**1.3**	0.06	0.14	*C03-06*
Salivary glands	8	0.2	0.9	**0.9**	0.08	0.11	10	0.3	1.0	**0.9**	0.07	0.07	*C07-08*
Tonsil	28	0.8	3.2	**3.5**	0.28	0.46	6	0.2	0.6	**0.6**	0.06	0.06	*C09*
Other oropharynx	15	0.4	1.7	**1.9**	0.15	0.24	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	7	0.2	0.8	**0.9**	0.04	0.14	1	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	19	0.6	2.2	**2.5**	0.11	0.28	3	0.1	0.3	**0.3**	0.01	0.06	*C12-13*
Pharynx unspecified	2	0.1	0.2	**0.3**	0.02	0.06	1	0.0	0.1	**0.1**	0.00	0.02	*C14*
Oesophagus	63	1.9	7.1	**8.2**	0.51	1.15	21	0.7	2.2	**2.0**	0.13	0.23	*C15*
Stomach	105	3.1	11.9	**13.0**	0.66	1.44	69	2.3	7.2	**5.9**	0.30	0.69	*C16*
Small intestine	12	0.4	1.4	**1.5**	0.09	0.21	26	0.9	2.7	**2.3**	0.13	0.26	*C17*
Colon	215	6.4	24.4	**27.0**	1.17	3.45	272	9.1	28.4	**23.2**	1.17	2.72	*C18*
Rectum	92	2.7	10.4	**11.0**	0.61	1.30	100	3.3	10.4	**9.2**	0.62	1.15	*C19-20*
Anus	12	0.4	1.4	**1.4**	0.06	0.15	16	0.5	1.7	**1.2**	0.08	0.11	*C21*
Liver	92	2.7	10.4	**10.9**	0.92	1.28	38	1.3	4.0	**3.3**	0.21	0.41	*C22*
Gallbladder etc.	11	0.3	1.2	**1.4**	0.02	0.19	17	0.6	1.8	**1.5**	0.09	0.16	*C23-24*
Pancreas	111	3.3	12.6	**14.1**	0.69	1.73	105	3.5	10.9	**9.1**	0.38	1.18	*C25*
Nose, sinuses etc.	4	0.1	0.5	**0.5**	0.01	0.11	5	0.2	0.5	**0.4**	0.02	0.02	*C30-31*
Larynx	55	1.6	6.2	**7.2**	0.52	0.91	16	0.5	1.7	**1.5**	0.09	0.19	*C32*
Trachea, bronchus and lung	451	13.4	51.1	**58.0**	3.09	7.43	328	11.0	34.2	**30.1**	1.75	3.84	*C33-34*
Other thoracic organs	5	0.1	0.6	**0.5**	0.04	0.04	5	0.2	0.5	**0.4**	0.04	0.04	*C37-38*
Bone	10	0.3	1.1	**1.1**	0.06	0.11	6	0.2	0.6	**0.7**	0.04	0.04	*C40-41*
Melanoma of skin	10	0.3	1.1	**1.3**	0.06	0.19	10	0.3	1.0	**0.8**	0.05	0.09	*C43*
Other skin	13		1.5	**1.4**	0.08	0.14	7		0.7	**0.6**	0.05	0.05	*C44*
Mesothelioma	3	0.1	0.3	**0.4**	0.00	0.10	2	0.1	0.2	**0.2**	0.03	0.03	*C45*
Kaposi sarcoma	14	0.4	1.6	**1.5**	0.12	0.14	3	0.1	0.3	**0.2**	0.01	0.01	*C46*
Connective and soft tissue	22	0.7	2.5	**2.4**	0.17	0.22	33	1.1	3.4	**3.0**	0.21	0.29	*C47+C49*
Breast	7	0.2	0.8	**0.9**	0.06	0.11	875	29.3	91.2	**77.4**	5.41	8.79	*C50*
Vulva							17	0.6	1.8	**1.4**	0.11	0.11	*C51*
Vagina							9	0.3	0.9	**0.8**	0.05	0.09	*C52*
Cervix uteri							81	2.7	8.4	**7.1**	0.48	0.82	*C53*
Corpus uteri							184	6.2	19.2	**18.1**	1.23	2.47	*C54*
Uterus unspecified							15	0.5	1.6	**1.5**	0.07	0.22	*C55*
Ovary							75	2.5	7.8	**6.8**	0.40	0.72	*C56*
Other female genital organs							5	0.2	0.5	**0.4**	0.02	0.04	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	2	0.1	0.2	**0.2**	0.02	0.02							*C60*
Prostate	1247	37.2	141.4	**164.7**	9.61	22.90							*C61*
Testis	14	0.4	1.6	**1.5**	0.10	0.14							*C62*
Other male genital organs	3	0.1	0.3	**0.3**	0.02	0.04							*C63*
Kidney	118	3.5	13.4	**14.4**	1.04	1.74	67	2.2	7.0	**5.7**	0.36	0.59	*C64*
Renal pelvis	2	0.1	0.2	**0.2**	0.02	0.02	2	0.1	0.2	**0.2**	0.01	0.01	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	90	2.7	10.2	**11.6**	0.48	1.53	60	2.0	6.3	**4.9**	0.16	0.54	*C67*
Other urinary organs	1	0.0	0.1	**0.1**	0.00	0.00	2	0.1	0.2	**0.2**	0.01	0.03	*C68*
Eye	3	0.1	0.3	**0.4**	0.02	0.04	2	0.1	0.2	**0.3**	0.01	0.01	*C69*
Brain, nervous system	27	0.8	3.1	**3.1**	0.23	0.23	24	0.8	2.5	**2.4**	0.15	0.21	*C70-72*
Thyroid	30	0.9	3.4	**3.4**	0.30	0.35	90	3.0	9.4	**8.1**	0.62	0.85	*C73*
Adrenal gland	2	0.1	0.2	**0.2**	0.02	0.02	3	0.1	0.3	**0.5**	0.02	0.02	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	32	1.0	3.6	**3.5**	0.26	0.32	32	1.1	3.3	**3.0**	0.20	0.24	*C81*
Non-Hodgkin lymphoma	129	3.8	14.6	**14.9**	1.11	1.62	111	3.7	11.6	**9.7**	0.63	1.09	*C82-85,C96*
Immunoproliferative diseases	3	0.1	0.3	**0.3**	0.03	0.03	1	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	74	2.2	8.4	**9.3**	0.57	1.09	65	2.2	6.8	**6.0**	0.31	0.82	*C90*
Lymphoid leukaemia	33	1.0	3.7	**4.0**	0.20	0.47	25	0.8	2.6	**2.2**	0.11	0.21	*C91*
Myeloid leukaemia	32	1.0	3.6	**3.7**	0.22	0.29	25	0.8	2.6	**2.1**	0.11	0.23	*C92-94*
Leukaemia unspecified	6	0.2	0.7	**0.7**	0.02	0.09	4	0.1	0.4	**0.5**	0.02	0.06	*C95*
Myeloproliferative disorders	5	0.1	0.6	**0.6**	0.02	0.08	4	0.1	0.4	**0.3**	0.01	0.03	*MPD*
Myelodysplastic syndromes	23	0.7	2.6	**2.6**	0.18	0.22	18	0.6	1.9	**1.6**	0.07	0.18	*MDS*
Other and unspecified	57	1.7	6.5	**7.2**	0.46	0.90	75	2.5	7.8	**6.0**	0.23	0.58	*O&U*
All sites	3367		381.7	**427.2**	24.95	54.78	2997		312.4	**267.5**	16.49	31.04	*C00-96*
All sites except C44	3354	100.0	380.2	**425.9**	24.86	54.63	2990	100.0	311.7	**266.9**	16.44	30.99	*C00-96 exc. C44*

*See note following population pyramid

*USA, Connecticut: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	38	0.1	0.5	**0.3**	0.02	0.03	18	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	372	0.8	5.1	**3.4**	0.26	0.42	184	0.4	2.4	**1.3**	0.08	0.16	*C01-02*
Mouth	225	0.5	3.1	**2.0**	0.12	0.24	156	0.4	2.0	**1.0**	0.05	0.11	*C03-06*
Salivary glands	128	0.3	1.8	**1.1**	0.06	0.11	88	0.2	1.2	**0.6**	0.04	0.06	*C07-08*
Tonsil	240	0.5	3.3	**2.3**	0.19	0.27	48	0.1	0.6	**0.4**	0.03	0.04	*C09*
Other oropharynx	39	0.1	0.5	**0.4**	0.03	0.04	11	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	48	0.1	0.7	**0.5**	0.03	0.05	24	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	109	0.2	1.5	**1.0**	0.06	0.13	35	0.1	0.5	**0.3**	0.01	0.04	*C12-13*
Pharynx unspecified	19	0.0	0.3	**0.2**	0.01	0.02	6	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	748	1.7	10.3	**6.3**	0.32	0.80	246	0.6	3.2	**1.4**	0.06	0.17	*C15*
Stomach	906	2.0	12.5	**7.2**	0.33	0.83	532	1.2	7.0	**3.1**	0.14	0.33	*C16*
Small intestine	196	0.4	2.7	**1.7**	0.10	0.21	161	0.4	2.1	**1.0**	0.06	0.11	*C17*
Colon	2988	6.7	41.2	**23.5**	1.07	2.66	3385	7.7	44.3	**18.7**	0.81	2.09	*C18*
Rectum	1424	3.2	19.6	**12.0**	0.68	1.40	1083	2.5	14.2	**7.0**	0.41	0.80	*C19-20*
Anus	102	0.2	1.4	**0.9**	0.05	0.10	157	0.4	2.1	**1.2**	0.09	0.13	*C21*
Liver	741	1.7	10.2	**6.4**	0.39	0.75	246	0.6	3.2	**1.6**	0.08	0.18	*C22*
Gallbladder etc.	236	0.5	3.3	**1.8**	0.07	0.21	292	0.7	3.8	**1.6**	0.07	0.19	*C23-24*
Pancreas	1179	2.7	16.2	**9.5**	0.44	1.13	1203	2.7	15.8	**6.7**	0.29	0.77	*C25*
Nose, sinuses etc.	59	0.1	0.8	**0.5**	0.03	0.05	53	0.1	0.7	**0.4**	0.02	0.04	*C30-31*
Larynx	509	1.1	7.0	**4.5**	0.25	0.57	130	0.3	1.7	**1.0**	0.05	0.13	*C32*
Trachea, bronchus and lung	6049	13.6	83.4	**48.8**	2.05	6.11	6084	13.9	79.7	**39.3**	1.93	5.02	*C33-34*
Other thoracic organs	66	0.1	0.9	**0.7**	0.05	0.07	43	0.1	0.6	**0.4**	0.03	0.04	*C37-38*
Bone	103	0.2	1.4	**1.2**	0.08	0.10	85	0.2	1.1	**1.0**	0.07	0.09	*C40-41*
Melanoma of skin	2344	5.3	32.3	**20.6**	1.24	2.29	1883	4.3	24.7	**16.1**	1.13	1.68	*C43*
Other skin	133		1.8	**1.1**	0.05	0.10	131		1.7	**0.9**	0.05	0.08	*C44*
Mesothelioma	156	0.4	2.2	**1.2**	0.04	0.14	56	0.1	0.7	**0.3**	0.02	0.03	*C45*
Kaposi sarcoma	45	0.1	0.6	**0.4**	0.03	0.04	12	0.0	0.2	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	335	0.8	4.6	**3.2**	0.19	0.30	264	0.6	3.5	**2.2**	0.14	0.21	*C47+C49*
Breast	129	0.3	1.8	**1.1**	0.05	0.13	12502	28.5	163.8	**96.5**	6.81	11.06	*C50*
Vulva							267	0.6	3.5	**1.5**	0.08	0.16	*C51*
Vagina							69	0.2	0.9	**0.4**	0.02	0.04	*C52*
Cervix uteri							532	1.2	7.0	**5.2**	0.40	0.51	*C53*
Corpus uteri							2692	6.1	35.3	**21.1**	1.50	2.61	*C54*
Uterus unspecified							53	0.1	0.7	**0.4**	0.03	0.04	*C55*
Ovary							1339	3.0	17.5	**9.8**	0.68	1.15	*C56*
Other female genital organs							55	0.1	0.7	**0.4**	0.03	0.05	*C57*
Placenta							6	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	61	0.1	0.8	**0.5**	0.02	0.05							*C60*
Prostate	12351	27.8	170.2	**109.1**	5.72	14.86							*C61*
Testis	479	1.1	6.6	**6.5**	0.48	0.49							*C62*
Other male genital organs	17	0.0	0.2	**0.2**	0.01	0.01							*C63*
Kidney	1469	3.3	20.2	**13.2**	0.83	1.55	939	2.1	12.3	**7.0**	0.43	0.82	*C64*
Renal pelvis	79	0.2	1.1	**0.6**	0.02	0.06	77	0.2	1.0	**0.4**	0.02	0.05	*C65*
Ureter	72	0.2	1.0	**0.6**	0.02	0.07	51	0.1	0.7	**0.3**	0.01	0.03	*C66*
Bladder	3524	7.9	48.6	**27.0**	1.10	3.15	1306	3.0	17.1	**7.8**	0.39	0.94	*C67*
Other urinary organs	42	0.1	0.6	**0.3**	0.01	0.03	20	0.0	0.3	**0.1**	0.01	0.01	*C68*
Eye	70	0.2	1.0	**0.7**	0.05	0.07	68	0.2	0.9	**0.6**	0.03	0.06	*C69*
Brain, nervous system	641	1.4	8.8	**6.9**	0.43	0.68	578	1.3	7.6	**5.4**	0.33	0.51	*C70-72*
Thyroid	585	1.3	8.1	**6.1**	0.46	0.63	1853	4.2	24.3	**18.7**	1.48	1.82	*C73*
Adrenal gland	20	0.0	0.3	**0.3**	0.02	0.02	21	0.0	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	16	0.0	0.2	**0.2**	0.02	0.02	4	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	292	0.7	4.0	**3.6**	0.25	0.29	255	0.6	3.3	**3.1**	0.21	0.24	*C81*
Non-Hodgkin lymphoma	1988	4.5	27.4	**17.0**	0.92	1.85	1829	4.2	24.0	**12.4**	0.70	1.38	*C82-85,C96*
Immunoproliferative diseases	51	0.1	0.7	**0.4**	0.02	0.04	36	0.1	0.5	**0.2**	0.01	0.03	*C88*
Multiple myeloma	504	1.1	6.9	**4.0**	0.19	0.44	438	1.0	5.7	**2.5**	0.12	0.29	*C90*
Lymphoid leukaemia	634	1.4	8.7	**6.6**	0.34	0.63	410	0.9	5.4	**3.7**	0.20	0.30	*C91*
Myeloid leukaemia	485	1.1	6.7	**4.3**	0.21	0.43	393	0.9	5.1	**3.0**	0.17	0.29	*C92-94*
Leukaemia unspecified	55	0.1	0.8	**0.4**	0.01	0.03	67	0.2	0.9	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	205	0.5	2.8	**1.7**	0.07	0.18	173	0.4	2.3	**1.2**	0.07	0.12	*MPD*
Myelodysplastic syndromes	389	0.9	5.4	**2.8**	0.10	0.28	324	0.7	4.2	**1.6**	0.06	0.16	*MDS*
Other and unspecified	909	2.0	12.5	**7.2**	0.34	0.79	1065	2.4	14.0	**5.7**	0.25	0.62	*O&U*
All sites	44604		614.8	**383.5**	19.92	45.95	44038		576.9	**317.8**	19.75	35.90	*C00-96*
All sites except C44	44471	100.0	612.9	**382.4**	19.87	45.85	43907	100.0	575.2	**317.0**	19.70	35.81	*C00-96 exc. C44*

*See note following population pyramid

USA, Delaware

REGISTRATION AREA

The Delaware Cancer Registry (DCR) ensures accurate, timely, and routine surveillance of cancer trends among residents of the state of Delaware in the USA. In 2006, the Delaware Population Consortium estimated the state's population at 855 000. At the time of this estimate, slightly more than 75% of the state's residents were White, 21% were Black, and 3% were of other races; 48.5% of residents were male and 51.5% female. Delaware's population is growing and becoming more diverse. It is also ageing: In 1990, about 12.1% of the state's residents were aged 65 years or older; by 2006, about 13.8% of residents were in that age range. This percentage is expected to continue to increase and was expected to exceed 18% by 2012. Delaware's Hispanic population, estimated by the United States Census Bureau in 2004 at slightly more than 48 000, is also growing, and this is an important ethnic group that the state makes a concerted effort to serve.

REGISTRY STRUCTURE AND METHODS

The DCR was founded in 1972 and legally established in 1980 under the Delaware Cancer Control Act (DCCA). The DCR is a state central cancer registry funded by the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR). The DCR is part of the Comprehensive Cancer Control Program within the Chronic Disease Prevention Bureau of the Delaware Division of Public Health's (DPH's) Health Promotion and Disease Prevention Section. The registry works collaboratively with DPH epidemiologists to report incidence and mortality statistics. The DCR has four full-time staff members: two state employees, a management analyst III (the registry manager), and a medical records technician. It also has two contractual employees from ICF International: a quality assurance coordinator/trainer and a project manager. The DCCA requires all providers diagnosing or treating cancer cases (including hospitals, physicians, pathology laboratories, and ambulatory surgery centres) to submit information on each case to the registry within 180 days. The entities currently reporting to the DCR include seven hospitals, 10 diagnostic laboratories, 14 free-standing ambulatory surgery centres, and 80 physicians.

INTERPRETING THE RESULTS

Breast and cervical cancer population screening programmes for women aged 40–64 years (with 100% coverage) began in 1997. Screening for colorectal and prostate cancers for individuals aged 50–64 years began in 2002.

USE OF THE DATA

The data collected are used for a variety of activities: monitoring trends in cancer incidence and mortality by site, geographical area, and demographic characteristics of the population; guiding planning and evaluation of cancer control programmes; assisting in prioritizing health resource allocation; advancing clinical, epidemiological, and health services research; and evaluating cancer cluster reports.

CONTRIBUTORS

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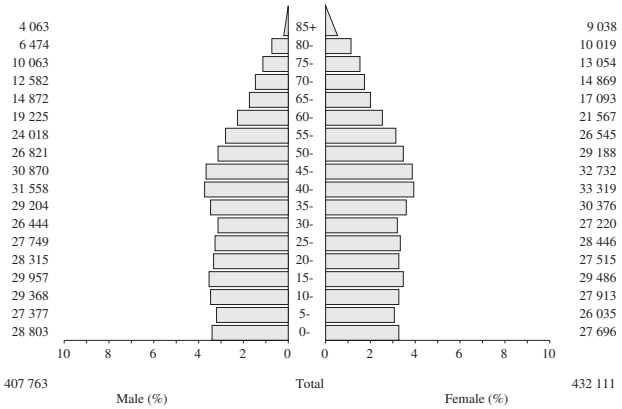
USA, Delaware (2003-2007)
Average annual person-years by sex and age group

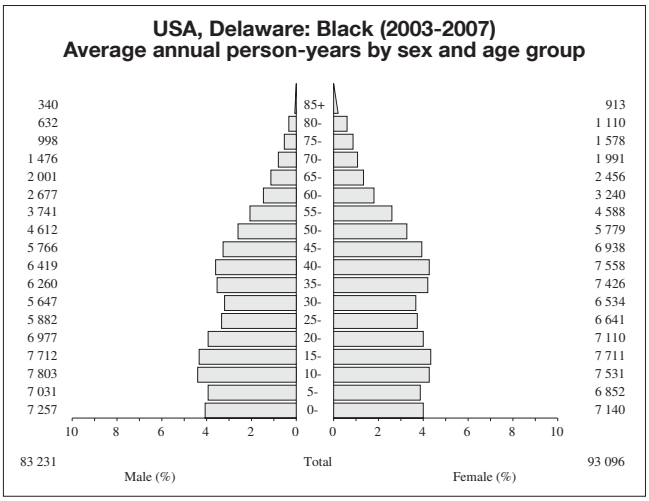


SOURCE OF POPULATION

Based on Delaware Population Consortium estimates from the *Population Projection* series, 8 March 2010. A description of the methodology is available from http://stateplanning.delaware.gov/information/dpc_method.shtml.

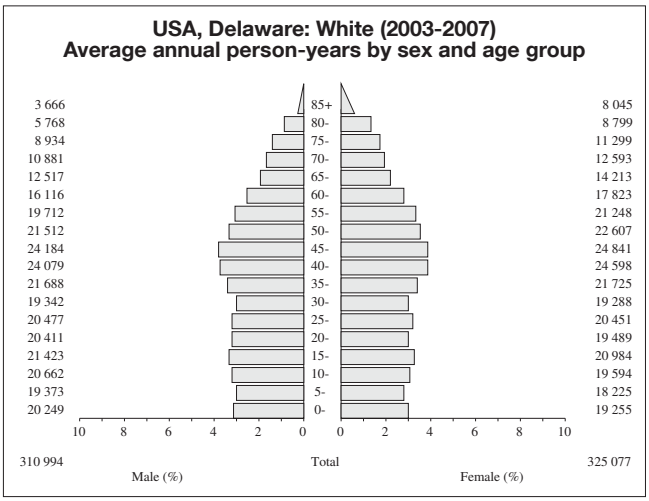
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	126.6	Breast	88.7
Trachea, bronchus and lung	61.0	Trachea, bronchus and lung	46.7
Colon	26.2	Corpus uteri	20.1
Bladder	25.1	Colon	19.2
Melanoma of skin	19.9	Melanoma of skin	13.5
Non-Hodgkin lymphoma	16.5	Thyroid	12.8
Kidney	13.6	Non-Hodgkin lymphoma	11.3
Rectum	12.1	Ovary	10.0
Pancreas	8.1	Kidney	7.4
Brain, nervous system	6.9	Rectum	7.1
All sites	406.3	All sites	306.3



USA, DELAWARE: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	206.7	Breast	94.8
Trachea, bronchus and lung	69.1	Trachea, bronchus and lung	45.8
Colon	35.2	Colon	23.0
Kidney	17.6	Corpus uteri	18.7
Bladder	14.4	Thyroid	9.7
Non-Hodgkin lymphoma	14.1	Non-Hodgkin lymphoma	9.4
Liver	12.3	Cervix uteri	9.2
Rectum	10.3	Kidney	8.2
Other and unspecified	9.5	Pancreas	7.9
Stomach	8.8	Ovary	7.5
All sites	483.2	All sites	300.5



USA, DELAWARE: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	112.7	Breast	87.2
Trachea, bronchus and lung	60.3	Trachea, bronchus and lung	47.4
Bladder	26.9	Corpus uteri	20.7
Colon	24.7	Colon	18.5
Melanoma of skin	22.8	Melanoma of skin	16.2
Non-Hodgkin lymphoma	16.8	Thyroid	13.9
Kidney	13.0	Non-Hodgkin lymphoma	11.6
Rectum	12.3	Ovary	10.4
Pancreas	8.0	Bladder	7.5
Brain, nervous system	7.6	Kidney	7.1
All sites	394.0	All sites	308.4

USA, Delaware (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	9	0.1	0.4	**0.3**	0.00	0.04	5	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	112	0.9	5.5	**4.1**	0.34	0.50	33	0.3	1.5	**1.0**	0.06	0.12	*C01-02*
Mouth	57	0.5	2.8	**2.0**	0.15	0.25	37	0.3	1.7	**0.9**	0.02	0.11	*C03-06*
Salivary glands	27	0.2	1.3	**0.9**	0.05	0.10	22	0.2	1.0	**0.6**	0.05	0.07	*C07-08*
Tonsil	65	0.5	3.2	**2.4**	0.19	0.30	20	0.2	0.9	**0.6**	0.05	0.06	*C09*
Other oropharynx	26	0.2	1.3	**1.0**	0.08	0.13	8	0.1	0.4	**0.2**	0.01	0.03	*C10*
Nasopharynx	18	0.1	0.9	**0.7**	0.06	0.07	7	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	40	0.3	2.0	**1.4**	0.10	0.18	7	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	3	0.0	0.1	**0.1**	0.00	0.01	3	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	194	1.6	9.5	**6.3**	0.34	0.80	58	0.5	2.7	**1.4**	0.07	0.17	*C15*
Stomach	199	1.6	9.8	**6.2**	0.31	0.73	125	1.2	5.8	**3.0**	0.12	0.36	*C16*
Small intestine	44	0.4	2.2	**1.5**	0.10	0.16	50	0.5	2.3	**1.3**	0.07	0.15	*C17*
Colon	845	6.8	41.4	**26.2**	1.27	3.04	828	7.6	38.3	**19.2**	0.85	2.20	*C18*
Rectum	356	2.9	17.5	**12.1**	0.81	1.42	269	2.5	12.5	**7.1**	0.44	0.79	*C19-20*
Anus	28	0.2	1.4	**0.9**	0.08	0.10	54	0.5	2.5	**1.8**	0.16	0.20	*C21*
Liver	200	1.6	9.8	**6.9**	0.51	0.83	57	0.5	2.6	**1.6**	0.07	0.20	*C22*
Gallbladder etc.	48	0.4	2.4	**1.5**	0.05	0.16	66	0.6	3.1	**1.5**	0.06	0.18	*C23-24*
Pancreas	256	2.1	12.6	**8.1**	0.43	0.97	286	2.6	13.2	**6.5**	0.28	0.75	*C25*
Nose, sinuses etc.	18	0.1	0.9	**0.6**	0.04	0.07	18	0.2	0.8	**0.5**	0.03	0.06	*C30-31*
Larynx	161	1.3	7.9	**5.4**	0.32	0.71	40	0.4	1.9	**1.2**	0.08	0.17	*C32*
Trachea, bronchus and lung	1970	15.9	96.6	**61.0**	2.87	7.46	1790	16.5	82.8	**46.7**	2.50	5.93	*C33-34*
Other thoracic organs	10	0.1	0.5	**0.4**	0.02	0.04	10	0.1	0.5	**0.4**	0.03	0.04	*C37-38*
Bone	31	0.3	1.5	**1.5**	0.09	0.12	15	0.1	0.7	**0.5**	0.04	0.04	*C40-41*
Melanoma of skin	604	4.9	29.6	**19.9**	1.25	2.16	411	3.8	19.0	**13.5**	0.97	1.40	*C43*
Other skin	31		1.5	**1.0**	0.05	0.09	20		0.9	**0.6**	0.04	0.06	*C44*
Mesothelioma	54	0.4	2.6	**1.4**	0.01	0.15	12	0.1	0.6	**0.3**	0.01	0.04	*C45*
Kaposi sarcoma	9	0.1	0.4	**0.4**	0.03	0.03	3	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	81	0.7	4.0	**2.9**	0.17	0.26	70	0.6	3.2	**2.5**	0.15	0.21	*C47+C49*
Breast	31	0.3	1.5	**1.1**	0.06	0.12	3001	27.7	138.9	**88.7**	6.32	10.24	*C50*
Vulva							56	0.5	2.6	**1.5**	0.10	0.17	*C51*
Vagina							15	0.1	0.7	**0.4**	0.04	0.05	*C52*
Cervix uteri							185	1.7	8.6	**6.5**	0.53	0.63	*C53*
Corpus uteri							674	6.2	31.2	**20.1**	1.49	2.49	*C54*
Uterus unspecified							24	0.2	1.1	**0.7**	0.03	0.09	*C55*
Ovary							341	3.1	15.8	**10.0**	0.63	1.21	*C56*
Other female genital organs							5	0.0	0.2	**0.2**	0.01	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	7	0.1	0.3	**0.2**	0.01	0.03							*C60*
Prostate	3810	30.8	186.9	**126.6**	6.89	17.24							*C61*
Testis	98	0.8	4.8	**4.5**	0.34	0.36							*C62*
Other male genital organs	4	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	400	3.2	19.6	**13.6**	0.85	1.55	253	2.3	11.7	**7.4**	0.49	0.85	*C64*
Renal pelvis	20	0.2	1.0	**0.6**	0.01	0.09	16	0.1	0.7	**0.3**	0.00	0.03	*C65*
Ureter	25	0.2	1.2	**0.8**	0.02	0.09	6	0.1	0.3	**0.1**	0.00	0.01	*C66*
Bladder	845	6.8	41.4	**25.1**	1.00	3.01	302	2.8	14.0	**6.8**	0.30	0.76	*C67*
Other urinary organs	4	0.0	0.2	**0.1**	0.01	0.01	5	0.0	0.2	**0.2**	0.00	0.02	*C68*
Eye	18	0.1	0.9	**0.6**	0.04	0.06	26	0.2	1.2	**0.9**	0.05	0.10	*C69*
Brain, nervous system	177	1.4	8.7	**6.9**	0.45	0.69	130	1.2	6.0	**5.0**	0.26	0.48	*C70-72*
Thyroid	114	0.9	5.6	**4.1**	0.29	0.45	351	3.2	16.2	**12.8**	1.00	1.30	*C73*
Adrenal gland	5	0.0	0.2	**0.4**	0.02	0.02	11	0.1	0.5	**0.5**	0.03	0.04	*C74*
Other endocrine	3	0.0	0.1	**0.2**	0.01	0.01	6	0.1	0.3	**0.2**	0.02	0.02	*C75*
Hodgkin lymphoma	74	0.6	3.6	**3.3**	0.25	0.28	58	0.5	2.7	**2.5**	0.18	0.18	*C81*
Non-Hodgkin lymphoma	484	3.9	23.7	**16.5**	0.90	1.89	407	3.8	18.8	**11.3**	0.67	1.25	*C82-85,C96*
Immunoproliferative diseases	7	0.1	0.3	**0.2**	0.01	0.03	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	137	1.1	6.7	**4.2**	0.24	0.46	109	1.0	5.0	**2.8**	0.16	0.36	*C90*
Lymphoid leukaemia	143	1.2	7.0	**5.3**	0.27	0.55	84	0.8	3.9	**2.6**	0.14	0.26	*C91*
Myeloid leukaemia	126	1.0	6.2	**4.3**	0.23	0.39	103	1.0	4.8	**3.2**	0.19	0.31	*C92-94*
Leukaemia unspecified	10	0.1	0.5	**0.3**	0.01	0.03	15	0.1	0.7	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	32	0.3	1.6	**0.9**	0.04	0.11	27	0.2	1.2	**0.6**	0.02	0.08	*MPD*
Myelodysplastic syndromes	90	0.7	4.4	**2.5**	0.04	0.30	58	0.5	2.7	**1.3**	0.04	0.13	*MDS*
Other and unspecified	231	1.9	11.3	**6.9**	0.33	0.74	265	2.4	12.3	**6.1**	0.29	0.66	*O&U*
All sites	12391		607.8	**406.3**	22.00	49.39	10858		502.6	**306.3**	19.21	35.15	*C00-96*
All sites except C44	12360	100.0	606.2	**405.3**	21.95	49.30	10838	100.0	501.6	**305.7**	19.17	35.09	*C00-96 exc. C44*

USA, Delaware: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	14	0.7	3.4	**3.4**	0.26	0.43	1	0.1	0.2	**0.2**	0.02	0.02	*C01-02*
Mouth	14	0.7	3.4	**3.3**	0.19	0.41	9	0.5	1.9	**1.8**	0.05	0.22	*C03-06*
Salivary glands	4	0.2	1.0	**0.9**	0.09	0.09	4	0.2	0.9	**0.7**	0.07	0.07	*C07-08*
Tonsil	17	0.9	4.1	**4.2**	0.31	0.56	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	4	0.2	1.0	**0.9**	0.08	0.14	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	6	0.3	1.4	**1.4**	0.09	0.14	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	11	0.6	2.6	**2.9**	0.16	0.43	1	0.1	0.2	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	27	1.4	6.5	**7.3**	0.36	1.14	10	0.6	2.1	**1.6**	0.14	0.14	*C15*
Stomach	36	1.8	8.7	**8.8**	0.30	1.16	40	2.4	8.6	**6.7**	0.25	0.91	*C16*
Small intestine	9	0.5	2.2	**1.9**	0.13	0.19	15	0.9	3.2	**2.5**	0.17	0.26	*C17*
Colon	143	7.3	34.4	**35.2**	1.74	4.11	128	7.7	27.5	**23.0**	1.45	2.79	*C18*
Rectum	43	2.2	10.3	**10.3**	0.69	1.26	40	2.4	8.6	**7.5**	0.50	0.90	*C19-20*
Anus	6	0.3	1.4	**1.1**	0.05	0.05	8	0.5	1.7	**1.3**	0.08	0.13	*C21*
Liver	53	2.7	12.7	**12.3**	1.03	1.43	16	1.0	3.4	**2.7**	0.14	0.34	*C22*
Gallbladder etc.	4	0.2	1.0	**1.1**	0.04	0.22	10	0.6	2.1	**1.6**	0.09	0.13	*C23-24*
Pancreas	35	1.8	8.4	**8.7**	0.50	1.10	48	2.9	10.3	**7.9**	0.40	0.74	*C25*
Nose, sinuses etc.	3	0.2	0.7	**0.7**	0.02	0.09	3	0.2	0.6	**0.5**	0.01	0.06	*C30-31*
Larynx	33	1.7	7.9	**8.1**	0.47	0.95	7	0.4	1.5	**1.4**	0.06	0.18	*C32*
Trachea, bronchus and lung	278	14.3	66.8	**69.1**	3.56	8.67	247	14.9	53.1	**45.8**	2.40	5.98	*C33-34*
Other thoracic organs	3	0.2	0.7	**0.7**	0.07	0.07	3	0.2	0.6	**0.5**	0.04	0.04	*C37-38*
Bone	2	0.1	0.5	**0.5**	0.03	0.03	3	0.2	0.6	**0.5**	0.05	0.05	*C40-41*
Melanoma of skin	2	0.1	0.5	**0.4**	0.02	0.02	3	0.2	0.6	**0.7**	0.06	0.10	*C43*
Other skin	5		1.2	**1.1**	0.06	0.13	4		0.9	**0.7**	0.06	0.06	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.2**	0.02	0.02	*C45*
Kaposi sarcoma	2	0.1	0.5	**0.5**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	12	0.6	2.9	**2.7**	0.13	0.19	15	0.9	3.2	**2.8**	0.21	0.21	*C47+C49*
Breast	8	0.4	1.9	**1.8**	0.10	0.17	527	31.8	113.2	**94.8**	7.07	10.69	*C50*
Vulva							6	0.4	1.3	**1.1**	0.11	0.11	*C51*
Vagina							5	0.3	1.1	**0.8**	0.06	0.06	*C52*
Cervix uteri							51	3.1	11.0	**9.2**	0.72	0.89	*C53*
Corpus uteri							96	5.8	20.6	**18.7**	1.31	2.32	*C54*
Uterus unspecified							8	0.5	1.7	**1.4**	0.07	0.15	*C55*
Ovary							40	2.4	8.6	**7.5**	0.49	0.98	*C56*
Other female genital organs							1	0.1	0.2	**0.2**	0.00	0.04	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	3	0.2	0.7	**0.5**	0.03	0.03							*C60*
Prostate	816	41.8	196.1	**206.7**	12.13	27.90							*C61*
Testis	6	0.3	1.4	**1.5**	0.13	0.13							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	73	3.7	17.5	**17.6**	1.03	2.16	46	2.8	9.9	**8.2**	0.62	0.90	*C64*
Renal pelvis	1	0.1	0.2	**0.2**	0.02	0.02	1	0.1	0.2	**0.1**	0.00	0.00	*C65*
Ureter	2	0.1	0.5	**0.4**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	59	3.0	14.2	**14.4**	0.50	1.83	23	1.4	4.9	**3.4**	0.13	0.27	*C67*
Other urinary organs	1	0.1	0.2	**0.3**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	12	0.6	2.9	**3.1**	0.14	0.26	12	0.7	2.6	**2.5**	0.10	0.30	*C70-72*
Thyroid	11	0.6	2.6	**2.7**	0.13	0.36	50	3.0	10.7	**9.7**	0.83	1.03	*C73*
Adrenal gland	2	0.1	0.5	**0.7**	0.03	0.03	2	0.1	0.4	**0.4**	0.04	0.04	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	3	0.2	0.6	**0.5**	0.04	0.09	*C75*
Hodgkin lymphoma	14	0.7	3.4	**3.0**	0.25	0.25	13	0.8	2.8	**2.8**	0.20	0.20	*C81*
Non-Hodgkin lymphoma	62	3.2	14.9	**14.1**	0.93	1.37	52	3.1	11.2	**9.4**	0.67	0.98	*C82-85,C96*
Immunoproliferative diseases	1	0.1	0.2	**0.2**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	30	1.5	7.2	**7.4**	0.48	0.88	31	1.9	6.7	**5.2**	0.34	0.57	*C90*
Lymphoid leukaemia	15	0.8	3.6	**3.5**	0.18	0.40	15	0.9	3.2	**2.7**	0.15	0.23	*C91*
Myeloid leukaemia	20	1.0	4.8	**4.7**	0.32	0.44	19	1.1	4.1	**3.9**	0.24	0.32	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	3	0.2	0.6	**0.5**	0.00	0.04	*MPD*
Myelodysplastic syndromes	14	0.7	3.4	**3.3**	0.04	0.34	8	0.5	1.7	**1.6**	0.04	0.18	*MDS*
Other and unspecified	39	2.0	9.4	**9.5**	0.59	1.31	32	1.9	6.9	**5.2**	0.23	0.62	*O&U*
All sites	1955		469.8	**483.2**	27.49	61.00	1660		356.6	**300.5**	19.74	34.40	*C00-96*
All sites except C44	1950	100.0	468.6	**482.2**	27.43	60.87	1656	100.0	355.8	**299.7**	19.68	34.33	*C00-96 exc. C44*

USA, Delaware: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	9	0.1	0.6	**0.3**	0.00	0.05	5	0.1	0.3	**0.1**	0.00	0.02	*C00*
Tongue	95	0.9	6.1	**4.2**	0.35	0.51	29	0.3	1.8	**1.0**	0.06	0.13	*C01-02*
Mouth	43	0.4	2.8	**1.9**	0.15	0.22	28	0.3	1.7	**0.7**	0.01	0.08	*C03-06*
Salivary glands	23	0.2	1.5	**0.9**	0.04	0.10	18	0.2	1.1	**0.6**	0.04	0.07	*C07-08*
Tonsil	48	0.5	3.1	**2.2**	0.18	0.27	20	0.2	1.2	**0.8**	0.06	0.08	*C09*
Other oropharynx	22	0.2	1.4	**1.0**	0.08	0.13	8	0.1	0.5	**0.3**	0.01	0.04	*C10*
Nasopharynx	9	0.1	0.6	**0.4**	0.04	0.04	5	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	29	0.3	1.9	**1.1**	0.09	0.14	6	0.1	0.4	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	3	0.0	0.2	**0.1**	0.00	0.01	3	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	163	1.6	10.5	**6.3**	0.35	0.77	47	0.5	2.9	**1.3**	0.06	0.16	*C15*
Stomach	159	1.6	10.2	**5.8**	0.31	0.67	75	0.8	4.6	**2.1**	0.08	0.23	*C16*
Small intestine	34	0.3	2.2	**1.4**	0.09	0.15	34	0.4	2.1	**1.0**	0.05	0.13	*C17*
Colon	683	6.7	43.9	**24.7**	1.18	2.85	690	7.7	42.5	**18.5**	0.75	2.12	*C18*
Rectum	301	3.0	19.4	**12.3**	0.82	1.44	215	2.4	13.2	**6.8**	0.41	0.74	*C19-20*
Anus	21	0.2	1.4	**0.9**	0.08	0.10	46	0.5	2.8	**1.9**	0.18	0.22	*C21*
Liver	143	1.4	9.2	**5.9**	0.40	0.72	39	0.4	2.4	**1.3**	0.05	0.16	*C22*
Gallbladder etc.	44	0.4	2.8	**1.5**	0.06	0.15	55	0.6	3.4	**1.5**	0.06	0.19	*C23-24*
Pancreas	219	2.2	14.1	**8.0**	0.42	0.96	235	2.6	14.5	**6.3**	0.26	0.75	*C25*
Nose, sinuses etc.	15	0.1	1.0	**0.6**	0.04	0.07	15	0.2	0.9	**0.6**	0.04	0.06	*C30-31*
Larynx	128	1.3	8.2	**5.1**	0.31	0.69	33	0.4	2.0	**1.2**	0.08	0.17	*C32*
Trachea, bronchus and lung	1673	16.5	107.6	**60.3**	2.80	7.35	1522	17.0	93.6	**47.4**	2.56	5.99	*C33-34*
Other thoracic organs	7	0.1	0.5	**0.3**	0.02	0.03	7	0.1	0.4	**0.3**	0.03	0.04	*C37-38*
Bone	28	0.3	1.8	**1.8**	0.10	0.14	12	0.1	0.7	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	572	5.6	36.8	**22.8**	1.46	2.45	384	4.3	23.6	**16.2**	1.17	1.65	*C43*
Other skin	26		1.7	**1.0**	0.04	0.08	16		1.0	**0.6**	0.03	0.06	*C44*
Mesothelioma	53	0.5	3.4	**1.6**	0.01	0.18	11	0.1	0.7	**0.3**	0.01	0.05	*C45*
Kaposi sarcoma	6	0.1	0.4	**0.3**	0.02	0.02	3	0.0	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	66	0.6	4.2	**2.7**	0.17	0.26	52	0.6	3.2	**2.3**	0.13	0.20	*C47+C49*
Breast	21	0.2	1.4	**0.9**	0.05	0.10	2419	27.0	148.8	**87.2**	6.17	10.17	*C50*
Vulva							49	0.5	3.0	**1.6**	0.11	0.18	*C51*
Vagina							10	0.1	0.6	**0.4**	0.03	0.04	*C52*
Cervix uteri							128	1.4	7.9	**5.9**	0.48	0.58	*C53*
Corpus uteri							564	6.3	34.7	**20.7**	1.55	2.57	*C54*
Uterus unspecified							15	0.2	0.9	**0.5**	0.02	0.08	*C55*
Ovary							291	3.2	17.9	**10.4**	0.66	1.26	*C56*
Other female genital organs							4	0.0	0.2	**0.2**	0.02	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	3	0.0	0.2	**0.1**	0.00	0.02							*C60*
Prostate	2905	28.6	186.8	**112.7**	5.93	15.46							*C61*
Testis	89	0.9	5.7	**5.5**	0.40	0.43							*C62*
Other male genital organs	4	0.0	0.3	**0.2**	0.01	0.02							*C63*
Kidney	321	3.2	20.6	**13.0**	0.82	1.46	202	2.3	12.4	**7.1**	0.46	0.84	*C64*
Renal pelvis	19	0.2	1.2	**0.7**	0.01	0.10	15	0.2	0.9	**0.3**	0.00	0.03	*C65*
Ureter	22	0.2	1.4	**0.8**	0.02	0.10	6	0.1	0.4	**0.1**	0.00	0.01	*C66*
Bladder	775	7.6	49.8	**26.9**	1.11	3.22	275	3.1	16.9	**7.5**	0.34	0.86	*C67*
Other urinary organs	3	0.0	0.2	**0.1**	0.00	0.00	5	0.1	0.3	**0.2**	0.00	0.03	*C68*
Eye	18	0.2	1.2	**0.8**	0.05	0.08	25	0.3	1.5	**1.0**	0.05	0.11	*C69*
Brain, nervous system	159	1.6	10.2	**7.6**	0.51	0.77	116	1.3	7.1	**5.8**	0.31	0.54	*C70-72*
Thyroid	103	1.0	6.6	**4.5**	0.33	0.49	293	3.3	18.0	**13.9**	1.06	1.40	*C73*
Adrenal gland	3	0.0	0.2	**0.3**	0.01	0.01	9	0.1	0.6	**0.6**	0.03	0.04	*C74*
Other endocrine	3	0.0	0.2	**0.3**	0.01	0.01	3	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	59	0.6	3.8	**3.5**	0.26	0.30	45	0.5	2.8	**2.5**	0.18	0.19	*C81*
Non-Hodgkin lymphoma	413	4.1	26.6	**16.8**	0.90	1.97	348	3.9	21.4	**11.6**	0.68	1.29	*C82-85,C96*
Immunoproliferative diseases	6	0.1	0.4	**0.2**	0.01	0.04	1	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	101	1.0	6.5	**3.6**	0.20	0.38	71	0.8	4.4	**2.2**	0.12	0.29	*C90*
Lymphoid leukaemia	123	1.2	7.9	**5.6**	0.28	0.58	67	0.7	4.1	**2.7**	0.15	0.26	*C91*
Myeloid leukaemia	105	1.0	6.8	**4.3**	0.22	0.38	83	0.9	5.1	**3.0**	0.17	0.30	*C92-94*
Leukaemia unspecified	10	0.1	0.6	**0.4**	0.01	0.04	14	0.2	0.9	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	30	0.3	1.9	**1.0**	0.04	0.12	24	0.3	1.5	**0.6**	0.02	0.09	*MPD*
Myelodysplastic syndromes	75	0.7	4.8	**2.4**	0.04	0.29	50	0.6	3.1	**1.2**	0.04	0.12	*MDS*
Other and unspecified	190	1.9	12.2	**6.4**	0.28	0.65	231	2.6	14.2	**6.4**	0.31	0.69	*O&U*
All sites	10182		654.8	**394.0**	21.12	47.61	8976		552.2	**308.4**	19.21	35.43	*C00-96*
All sites except C44	10156	100.0	653.1	**393.0**	21.07	47.53	8960	100.0	551.3	**307.8**	19.17	35.37	*C00-96 exc. C44*

USA, Florida

REGISTRATION AREA

The Florida Cancer Data System (FCDS) covers the 18 million residents of the state of Florida in the USA. The state is divided into 67 counties. The population of Florida is approximately 80% White and 15% Black. About 20% of Florida's population is of Hispanic origin.

CANCER CARE FACILITIES

A total of 208 reporting hospitals, 250 free-standing ambulatory surgical and radiation treatment facilities, 600 pathology laboratories, and more than 700 physicians' offices contribute approximately 100 000 new incident cases to the FCDS each year.

REGISTRY STRUCTURE AND METHODS

The FCDS is the legislatively mandated population-based central cancer registry for the state of Florida. The registry is a joint project of the University of Miami Miller School of Medicine, the Florida Department of Health, and the United States Centers for Disease Control and Prevention (CDC). Data are collected and coded by the FCDS in accordance with the national standards put forth by the North American Association of Central Cancer Registries (NAACCR), and the FCDS has achieved NAACCR Gold Certification – the highest level available.

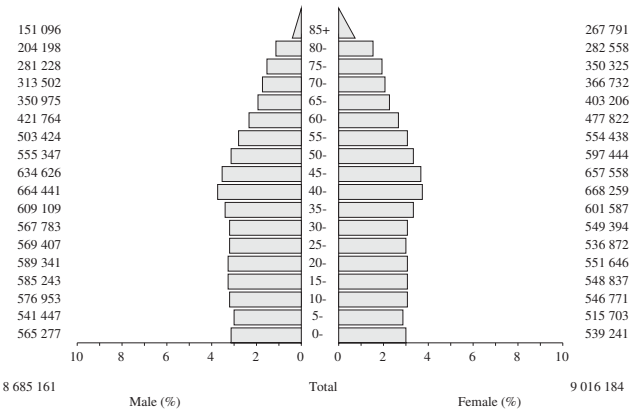
USE OF THE DATA

The FCDS provides quality data for surveillance and research purposes, and for cancer control and programme evaluation for several state and national organizations. FCDS data are used extensively throughout the Florida Department of Health for the formulation and evaluation of cancer control and prevention activities, and by the Florida Cancer Control and Research Advisory Council (C-CRAC), which is responsible for defining cancer priorities for the state of Florida. The FCDS also provides its data to state and national researchers and cancer prevention and control professionals.

CONTRIBUTOR

Jill MacKinnon

USA, Florida (2003-2007)
Average annual person-years by sex and age group

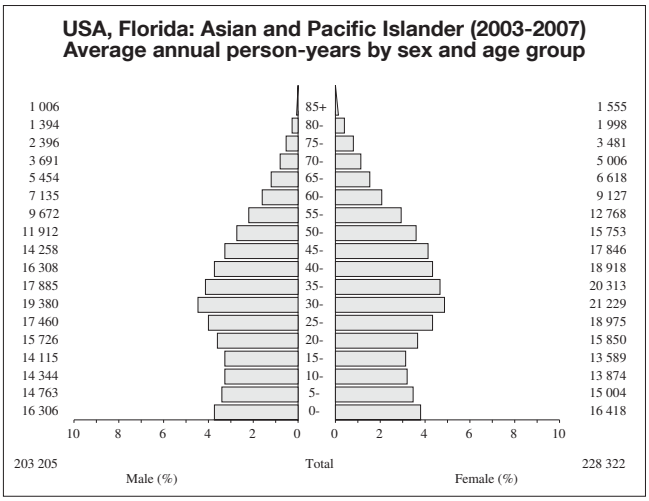


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

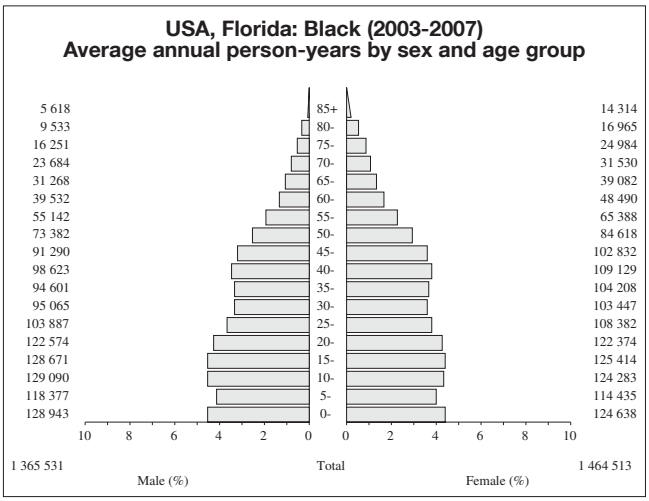
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	97.9	Breast	79.7
Trachea, bronchus and lung	55.2	Trachea, bronchus and lung	38.4
Colon	22.8	Colon	18.1
Bladder	21.4	Corpus uteri	14.5
Melanoma of skin	14.9	Thyroid	11.2
Non-Hodgkin lymphoma	14.7	Non-Hodgkin lymphoma	10.4
Kidney	12.3	Melanoma of skin	10.1
Rectum	10.6	Ovary	9.3
Other and unspecified	9.4	Cervix uteri	7.4
Pancreas	8.3	Other and unspecified	7.0
All sites	359.4	All sites	276.7



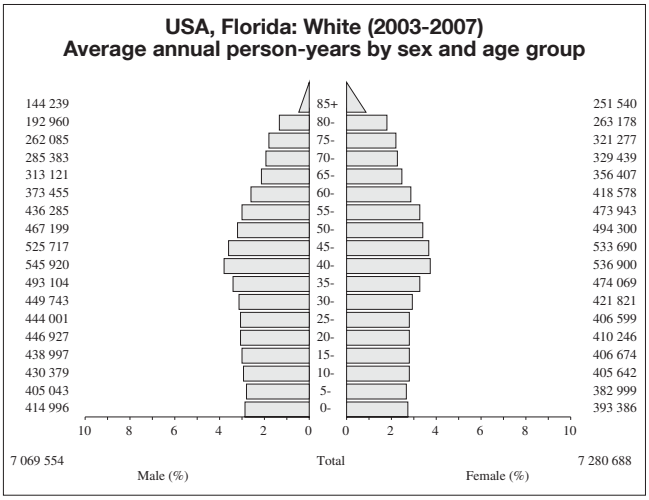
USA, FLORIDA: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	24.2	Breast	30.5
Trachea, bronchus and lung	13.7	Trachea, bronchus and lung	14.2
Liver	9.6	Thyroid	8.5
Colon	9.5	Colon	6.9
Rectum	5.8	Corpus uteri	6.3
Non-Hodgkin lymphoma	4.1	Ovary	4.3
Kidney	3.4	Rectum	4.1
Stomach	3.4	Cervix uteri	3.8
Bladder	3.2	Non-Hodgkin lymphoma	3.4
Other and unspecified	3.0	Other and unspecified	3.3
All sites	110.0	All sites	113.1



USA, FLORIDA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	152.7	Breast	71.3
Trachea, bronchus and lung	57.6	Trachea, bronchus and lung	25.8
Colon	27.2	Colon	23.0
Non-Hodgkin lymphoma	12.6	Corpus uteri	14.8
Kidney	11.6	Cervix uteri	9.1
Other and unspecified	10.5	Non-Hodgkin lymphoma	9.1
Stomach	9.6	Other and unspecified	8.3
Pancreas	9.4	Pancreas	7.2
Rectum	9.4	Ovary	7.0
Liver	8.7	Thyroid	7.0
All sites	388.9	All sites	248.9



USA, FLORIDA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	91.4	Breast	80.9
Trachea, bronchus and lung	55.3	Trachea, bronchus and lung	40.0
Bladder	22.5	Colon	17.4
Colon	22.2	Corpus uteri	14.6
Melanoma of skin	16.5	Thyroid	11.9
Non-Hodgkin lymphoma	14.7	Melanoma of skin	11.6
Kidney	12.5	Non-Hodgkin lymphoma	10.4
Rectum	10.7	Ovary	9.7
Other and unspecified	9.3	Cervix uteri	7.2
Pancreas	8.2	Other and unspecified	6.8
All sites	355.7	All sites	281.0

USA, Florida (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	389	0.1	0.9	**0.6**	0.03	0.06	156	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	2621	1.0	6.0	**4.0**	0.30	0.49	1055	0.5	2.3	**1.3**	0.09	0.16	*C01-02*
Mouth	1525	0.6	3.5	**2.2**	0.16	0.26	970	0.4	2.2	**1.1**	0.07	0.13	*C03-06*
Salivary glands	853	0.3	2.0	**1.1**	0.06	0.12	502	0.2	1.1	**0.7**	0.04	0.07	*C07-08*
Tonsil	1679	0.6	3.9	**2.8**	0.23	0.32	428	0.2	0.9	**0.6**	0.05	0.07	*C09*
Other oropharynx	484	0.2	1.1	**0.8**	0.06	0.09	183	0.1	0.4	**0.2**	0.02	0.03	*C10*
Nasopharynx	436	0.2	1.0	**0.7**	0.06	0.08	188	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	758	0.3	1.7	**1.1**	0.07	0.14	233	0.1	0.5	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	524	0.2	1.2	**0.8**	0.05	0.09	176	0.1	0.4	**0.2**	0.02	0.03	*C14*
Oesophagus	4216	1.6	9.7	**5.7**	0.33	0.72	1218	0.5	2.7	**1.3**	0.07	0.16	*C15*
Stomach	4281	1.6	9.9	**5.4**	0.28	0.64	2737	1.2	6.1	**2.8**	0.15	0.32	*C16*
Small intestine	1025	0.4	2.4	**1.4**	0.08	0.18	825	0.4	1.8	**0.9**	0.06	0.11	*C17*
Colon	18461	6.9	42.5	**22.8**	1.13	2.71	18612	8.1	41.3	**18.1**	0.90	2.09	*C18*
Rectum	7646	2.9	17.6	**10.6**	0.65	1.29	5733	2.5	12.7	**6.6**	0.42	0.76	*C19-20*
Anus	727	0.3	1.7	**1.1**	0.08	0.12	1227	0.5	2.7	**1.6**	0.12	0.18	*C21*
Liver	4718	1.8	10.9	**6.8**	0.48	0.81	1820	0.8	4.0	**2.0**	0.11	0.23	*C22*
Gallbladder etc.	1369	0.5	3.2	**1.6**	0.07	0.19	1520	0.7	3.4	**1.4**	0.07	0.16	*C23-24*
Pancreas	6634	2.5	15.3	**8.3**	0.42	1.01	6252	2.7	13.9	**6.0**	0.29	0.70	*C25*
Nose, sinuses etc.	474	0.2	1.1	**0.7**	0.05	0.08	324	0.1	0.7	**0.4**	0.02	0.04	*C30-31*
Larynx	4172	1.6	9.6	**6.0**	0.39	0.77	929	0.4	2.1	**1.2**	0.08	0.15	*C32*
Trachea, bronchus and lung	43546	16.3	100.3	**55.2**	2.74	7.05	36038	15.7	79.9	**38.4**	1.98	4.89	*C33-34*
Other thoracic organs	222	0.1	0.5	**0.4**	0.02	0.04	173	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	606	0.2	1.4	**1.2**	0.08	0.10	457	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	10873	4.1	25.0	**14.9**	0.89	1.69	7218	3.1	16.0	**10.1**	0.69	1.06	*C43*
Other skin	841		1.9	**1.1**	0.05	0.11	527		1.2	**0.7**	0.04	0.06	*C44*
Mesothelioma	924	0.3	2.1	**1.0**	0.04	0.11	245	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	597	0.2	1.4	**1.1**	0.08	0.09	91	0.0	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	1866	0.7	4.3	**2.8**	0.17	0.28	1494	0.7	3.3	**2.2**	0.14	0.22	*C47+C49*
Breast	984	0.4	2.3	**1.3**	0.08	0.16	61208	26.7	135.8	**79.7**	5.63	9.25	*C50*
Vulva							1297	0.6	2.9	**1.5**	0.10	0.17	*C51*
Vagina							363	0.2	0.8	**0.4**	0.03	0.05	*C52*
Cervix uteri							4441	1.9	9.9	**7.4**	0.59	0.72	*C53*
Corpus uteri							11338	4.9	25.2	**14.5**	1.02	1.79	*C54*
Uterus unspecified							598	0.3	1.3	**0.7**	0.05	0.08	*C55*
Ovary							7438	3.2	16.5	**9.3**	0.62	1.07	*C56*
Other female genital organs							338	0.1	0.7	**0.4**	0.02	0.05	*C57*
Placenta							41	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	405	0.2	0.9	**0.5**	0.03	0.06							*C60*
Prostate	71625	26.9	164.9	**97.9**	5.01	13.70							*C61*
Testis	2039	0.8	4.7	**4.4**	0.33	0.35							*C62*
Other male genital organs	101	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	8657	3.2	19.9	**12.3**	0.75	1.51	5234	2.3	11.6	**6.5**	0.40	0.75	*C64*
Renal pelvis	537	0.2	1.2	**0.6**	0.03	0.08	382	0.2	0.8	**0.3**	0.01	0.04	*C65*
Ureter	381	0.1	0.9	**0.4**	0.01	0.05	216	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	18749	7.0	43.2	**21.4**	0.86	2.57	6056	2.6	13.4	**5.7**	0.26	0.68	*C67*
Other urinary organs	149	0.1	0.3	**0.2**	0.01	0.02	71	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	482	0.2	1.1	**0.8**	0.05	0.08	453	0.2	1.0	**0.7**	0.04	0.07	*C69*
Brain, nervous system	3681	1.4	8.5	**6.4**	0.40	0.62	2964	1.3	6.6	**4.8**	0.29	0.44	*C70-72*
Thyroid	2178	0.8	5.0	**3.6**	0.26	0.39	6521	2.8	14.5	**11.2**	0.86	1.09	*C73*
Adrenal gland	124	0.0	0.3	**0.3**	0.02	0.02	140	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	83	0.0	0.2	**0.2**	0.01	0.01	67	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	1339	0.5	3.1	**2.6**	0.18	0.23	1055	0.5	2.3	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	10545	4.0	24.3	**14.7**	0.86	1.63	8969	3.9	19.9	**10.4**	0.59	1.17	*C82-85,C96*
Immunoproliferative diseases	203	0.1	0.5	**0.2**	0.01	0.03	140	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	3162	1.2	7.3	**4.0**	0.22	0.48	2617	1.1	5.8	**2.8**	0.15	0.34	*C90*
Lymphoid leukaemia	3614	1.4	8.3	**5.5**	0.28	0.53	2546	1.1	5.6	**3.2**	0.16	0.29	*C91*
Myeloid leukaemia	3239	1.2	7.5	**4.5**	0.24	0.47	2496	1.1	5.5	**3.1**	0.18	0.31	*C92-94*
Leukaemia unspecified	364	0.1	0.8	**0.4**	0.02	0.04	285	0.1	0.6	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	1497	0.6	3.4	**2.0**	0.12	0.22	1422	0.6	3.2	**1.5**	0.08	0.16	*MPD*
Myelodysplastic syndromes	3406	1.3	7.8	**3.4**	0.09	0.35	2779	1.2	6.2	**2.2**	0.07	0.23	*MDS*
Other and unspecified	7227	2.7	16.6	**9.4**	0.53	1.10	7052	3.1	15.6	**7.0**	0.37	0.79	*O&U*
All sites	267238		615.4	**359.4**	19.44	44.38	229858		509.9	**276.7**	17.30	31.66	*C00-96*
All sites except C44	266397	100.0	613.5	**358.3**	19.38	44.27	229331	100.0	508.7	**276.0**	17.26	31.60	*C00-96 exc. C44*

§Includes 6 cases of unknown age

§Includes 3 cases of unknown age

USA, Florida: Asian and Pacific Islander (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	7	0.6	0.7	**0.6**	0.03	0.08	9	0.6	0.8	**0.7**	0.05	0.08	*C01-02*
Mouth	7	0.6	0.7	**0.6**	0.06	0.06	6	0.4	0.5	**0.4**	0.03	0.06	*C03-06*
Salivary glands	2	0.2	0.2	**0.2**	0.00	0.05	3	0.2	0.3	**0.2**	0.01	0.03	*C07-08*
Tonsil	1	0.1	0.1	**0.1**	0.01	0.01	4	0.3	0.4	**0.3**	0.03	0.04	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.00	*C10*
Nasopharynx	18	1.6	1.8	**1.5**	0.11	0.13	9	0.6	0.8	**0.7**	0.04	0.06	*C11*
Hypopharynx	3	0.3	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	3	0.3	0.3	**0.3**	0.01	0.01	1	0.1	0.1	**0.1**	0.00	0.02	*C14*
Oesophagus	19	1.6	1.9	**1.9**	0.07	0.29	2	0.1	0.2	**0.2**	0.01	0.02	*C15*
Stomach	35	3.0	3.4	**3.4**	0.15	0.48	39	2.5	3.4	**2.7**	0.14	0.31	*C16*
Small intestine	4	0.3	0.4	**0.4**	0.01	0.07	3	0.2	0.3	**0.2**	0.01	0.05	*C17*
Colon	102	8.8	10.0	**9.5**	0.47	1.14	96	6.1	8.4	**6.9**	0.40	0.86	*C18*
Rectum	62	5.3	6.1	**5.8**	0.30	0.69	57	3.6	5.0	**4.1**	0.27	0.51	*C19-20*
Anus	6	0.5	0.6	**0.4**	0.03	0.03	4	0.3	0.4	**0.3**	0.02	0.06	*C21*
Liver	104	9.0	10.2	**9.6**	0.65	1.23	45	2.8	3.9	**3.3**	0.16	0.41	*C22*
Gallbladder etc.	9	0.8	0.9	**0.9**	0.05	0.10	19	1.2	1.7	**1.3**	0.05	0.16	*C23-24*
Pancreas	24	2.1	2.4	**2.4**	0.09	0.37	42	2.7	3.7	**2.9**	0.17	0.35	*C25*
Nose, sinuses etc.	6	0.5	0.6	**0.5**	0.05	0.05	1	0.1	0.1	**0.1**	0.01	0.01	*C30-31*
Larynx	10	0.9	1.0	**0.9**	0.07	0.11	1	0.1	0.1	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	144	12.4	14.2	**13.7**	0.59	1.63	197	12.5	17.3	**14.2**	0.58	1.90	*C33-34*
Other thoracic organs	2	0.2	0.2	**0.2**	0.01	0.01	3	0.2	0.3	**0.2**	0.02	0.02	*C37-38*
Bone	4	0.3	0.4	**0.5**	0.03	0.03	3	0.2	0.3	**0.3**	0.02	0.02	*C40-41*
Melanoma of skin	13	1.1	1.3	**1.2**	0.07	0.14	13	0.8	1.1	**1.0**	0.08	0.11	*C43*
Other skin	1		0.1	**0.1**	0.01	0.01	3		0.3	**0.2**	0.01	0.03	*C44*
Mesothelioma	3	0.3	0.3	**0.3**	0.00	0.03	2	0.1	0.2	**0.1**	0.00	0.02	*C45*
Kaposi sarcoma	4	0.3	0.4	**0.3**	0.02	0.02	1	0.1	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	21	1.8	2.1	**2.1**	0.11	0.26	10	0.6	0.9	**0.8**	0.06	0.07	*C47+C49*
Breast	10	0.9	1.0	**0.8**	0.05	0.05	439	27.8	38.5	**30.5**	2.19	3.52	*C50*
Vulva							1	0.1	0.1	**0.1**	0.01	0.01	*C51*
Vagina							5	0.3	0.4	**0.3**	0.02	0.04	*C52*
Cervix uteri							56	3.5	4.9	**3.8**	0.28	0.45	*C53*
Corpus uteri							91	5.8	8.0	**6.3**	0.49	0.70	*C54*
Uterus unspecified							3	0.2	0.3	**0.2**	0.01	0.03	*C55*
Ovary							60	3.8	5.3	**4.3**	0.31	0.50	*C56*
Other female genital organs							3	0.2	0.3	**0.2**	0.01	0.03	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	244	21.1	24.0	**24.2**	1.03	3.39							*C61*
Testis	7	0.6	0.7	**0.5**	0.03	0.03							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	39	3.4	3.8	**3.4**	0.23	0.34	20	1.3	1.8	**1.3**	0.10	0.14	*C64*
Renal pelvis	2	0.2	0.2	**0.2**	0.01	0.01	2	0.1	0.2	**0.2**	0.01	0.01	*C65*
Ureter	1	0.1	0.1	**0.1**	0.00	0.00	2	0.1	0.2	**0.1**	0.01	0.01	*C66*
Bladder	34	2.9	3.3	**3.2**	0.15	0.35	24	1.5	2.1	**1.8**	0.09	0.22	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.2	0.2	**0.3**	0.01	0.02	1	0.1	0.1	**0.1**	0.00	0.00	*C69*
Brain, nervous system	25	2.2	2.5	**2.3**	0.12	0.24	15	0.9	1.3	**1.4**	0.06	0.11	*C70-72*
Thyroid	24	2.1	2.4	**2.0**	0.14	0.25	123	7.8	10.8	**8.5**	0.70	0.89	*C73*
Adrenal gland	1	0.1	0.1	**0.1**	0.00	0.03	4	0.3	0.4	**0.5**	0.03	0.03	*C74*
Other endocrine	1	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	8	0.7	0.8	**0.8**	0.05	0.07	6	0.4	0.5	**0.4**	0.04	0.04	*C81*
Non-Hodgkin lymphoma	43	3.7	4.2	**4.1**	0.22	0.45	47	3.0	4.1	**3.4**	0.18	0.37	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	21	1.8	2.1	**2.0**	0.12	0.24	21	1.3	1.8	**1.6**	0.09	0.21	*C90*
Lymphoid leukaemia	12	1.0	1.2	**1.4**	0.09	0.11	11	0.7	1.0	**1.0**	0.04	0.08	*C91*
Myeloid leukaemia	20	1.7	2.0	**1.9**	0.10	0.19	18	1.1	1.6	**1.4**	0.08	0.17	*C92-94*
Leukaemia unspecified	2	0.2	0.2	**0.1**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	3	0.3	0.3	**0.3**	0.02	0.02	5	0.3	0.4	**0.4**	0.03	0.04	*MPD*
Myelodysplastic syndromes	16	1.4	1.6	**1.6**	0.06	0.17	6	0.4	0.5	**0.3**	0.00	0.02	*MDS*
Other and unspecified	31	2.7	3.1	**3.0**	0.20	0.38	45	2.8	3.9	**3.3**	0.18	0.39	*O&U*
All sites	1160		114.2	**110.0**	5.65	13.41	1583		138.7	**113.1**	7.12	13.21	*C00-96*
All sites except C44	1159	100.0	114.1	**109.9**	5.64	13.40	1580	100.0	138.4	**112.9**	7.11	13.18	*C00-96 exc. C44*

USA, Florida: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.0	0.0	**0.0**	0.00	0.00	6	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	154	0.6	2.3	**2.4**	0.17	0.29	66	0.3	0.9	**0.8**	0.07	0.10	*C01-02*
Mouth	146	0.6	2.1	**2.3**	0.16	0.29	87	0.4	1.2	**1.0**	0.07	0.11	*C03-06*
Salivary glands	61	0.2	0.9	**0.9**	0.05	0.11	52	0.2	0.7	**0.6**	0.04	0.06	*C07-08*
Tonsil	119	0.5	1.7	**1.8**	0.16	0.21	36	0.2	0.5	**0.4**	0.03	0.05	*C09*
Other oropharynx	54	0.2	0.8	**0.8**	0.06	0.10	21	0.1	0.3	**0.3**	0.01	0.03	*C10*
Nasopharynx	64	0.3	0.9	**1.0**	0.08	0.10	30	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	87	0.4	1.3	**1.4**	0.08	0.21	28	0.1	0.4	**0.3**	0.02	0.05	*C12-13*
Pharynx unspecified	55	0.2	0.8	**0.8**	0.05	0.11	24	0.1	0.3	**0.3**	0.02	0.04	*C14*
Oesophagus	354	1.4	5.2	**5.7**	0.35	0.76	163	0.8	2.2	**1.9**	0.10	0.23	*C15*
Stomach	619	2.5	9.1	**9.6**	0.48	1.14	499	2.4	6.8	**5.4**	0.26	0.60	*C16*
Small intestine	130	0.5	1.9	**2.0**	0.11	0.22	99	0.5	1.4	**1.2**	0.07	0.15	*C17*
Colon	1739	7.1	25.5	**27.2**	1.45	3.24	2011	9.6	27.5	**23.0**	1.29	2.70	*C18*
Rectum	607	2.5	8.9	**9.4**	0.58	1.14	509	2.4	7.0	**5.9**	0.39	0.67	*C19-20*
Anus	66	0.3	1.0	**0.9**	0.07	0.09	83	0.4	1.1	**1.0**	0.07	0.11	*C21*
Liver	574	2.3	8.4	**8.7**	0.68	1.00	217	1.0	3.0	**2.5**	0.14	0.28	*C22*
Gallbladder etc.	100	0.4	1.5	**1.7**	0.07	0.23	178	0.9	2.4	**2.0**	0.11	0.23	*C23-24*
Pancreas	598	2.4	8.8	**9.4**	0.50	1.16	639	3.1	8.7	**7.2**	0.33	0.87	*C25*
Nose, sinuses etc.	49	0.2	0.7	**0.7**	0.05	0.09	36	0.2	0.5	**0.4**	0.02	0.04	*C30-31*
Larynx	488	2.0	7.1	**7.9**	0.48	1.01	71	0.3	1.0	**0.9**	0.07	0.11	*C32*
Trachea, bronchus and lung	3639	14.9	53.3	**57.6**	3.01	7.28	2170	10.4	29.6	**25.8**	1.43	3.25	*C33-34*
Other thoracic organs	19	0.1	0.3	**0.3**	0.02	0.03	40	0.2	0.5	**0.5**	0.03	0.06	*C37-38*
Bone	67	0.3	1.0	**1.0**	0.05	0.08	62	0.3	0.8	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	41	0.2	0.6	**0.6**	0.03	0.07	66	0.3	0.9	**0.7**	0.04	0.08	*C43*
Other skin	48		0.7	**0.7**	0.04	0.06	55		0.8	**0.7**	0.05	0.06	*C44*
Mesothelioma	33	0.1	0.5	**0.5**	0.02	0.07	15	0.1	0.2	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	138	0.6	2.0	**1.8**	0.14	0.17	41	0.2	0.6	**0.5**	0.04	0.04	*C46*
Connective and soft tissue	177	0.7	2.6	**2.6**	0.16	0.24	185	0.9	2.5	**2.4**	0.16	0.26	*C47+C49*
Breast	91	0.4	1.3	**1.4**	0.09	0.15	5930	28.4	81.0	**71.3**	5.17	8.10	*C50*
Vulva							91	0.4	1.2	**1.0**	0.07	0.10	*C51*
Vagina							62	0.3	0.8	**0.7**	0.03	0.07	*C52*
Cervix uteri							760	3.6	10.4	**9.1**	0.67	0.96	*C53*
Corpus uteri							1188	5.7	16.2	**14.8**	0.90	1.94	*C54*
Uterus unspecified							113	0.5	1.5	**1.4**	0.09	0.17	*C55*
Ovary							588	2.8	8.0	**7.0**	0.44	0.79	*C56*
Other female genital organs							36	0.2	0.5	**0.4**	0.03	0.05	*C57*
Placenta							19	0.1	0.3	**0.2**	0.02	0.02	*C58*
Penis	60	0.2	0.9	**1.0**	0.07	0.11							*C60*
Prostate	9286	37.9	136.0	**152.7**	8.35	20.81							*C61*
Testis	72	0.3	1.1	**1.0**	0.07	0.07							*C62*
Other male genital organs	9	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	746	3.0	10.9	**11.6**	0.71	1.43	511	2.4	7.0	**6.2**	0.37	0.71	*C64*
Renal pelvis	24	0.1	0.4	**0.4**	0.02	0.05	8	0.0	0.1	**0.1**	0.01	0.02	*C65*
Ureter	4	0.0	0.1	**0.1**	0.00	0.01	5	0.0	0.1	**0.1**	0.00	0.01	*C66*
Bladder	562	2.3	8.2	**8.6**	0.38	0.93	300	1.4	4.1	**3.2**	0.12	0.35	*C67*
Other urinary organs	15	0.1	0.2	**0.2**	0.01	0.03	11	0.1	0.2	**0.1**	0.01	0.01	*C68*
Eye	24	0.1	0.4	**0.4**	0.02	0.03	27	0.1	0.4	**0.5**	0.02	0.03	*C69*
Brain, nervous system	278	1.1	4.1	**4.2**	0.26	0.39	252	1.2	3.4	**3.4**	0.21	0.29	*C70-72*
Thyroid	102	0.4	1.5	**1.5**	0.10	0.19	575	2.8	7.9	**7.0**	0.54	0.71	*C73*
Adrenal gland	21	0.1	0.3	**0.3**	0.02	0.02	22	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	17	0.1	0.2	**0.2**	0.02	0.02	17	0.1	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	185	0.8	2.7	**2.6**	0.19	0.24	130	0.6	1.8	**1.7**	0.12	0.14	*C81*
Non-Hodgkin lymphoma	858	3.5	12.6	**12.6**	0.91	1.35	768	3.7	10.5	**9.1**	0.60	0.96	*C82-85,C96*
Immunoproliferative diseases	6	0.0	0.1	**0.1**	0.00	0.00	6	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	516	2.1	7.6	**8.0**	0.43	0.99	534	2.6	7.3	**6.3**	0.38	0.76	*C90*
Lymphoid leukaemia	243	1.0	3.6	**3.8**	0.18	0.38	196	0.9	2.7	**2.5**	0.13	0.24	*C91*
Myeloid leukaemia	258	1.1	3.8	**3.9**	0.22	0.43	258	1.2	3.5	**3.0**	0.18	0.31	*C92-94*
Leukaemia unspecified	19	0.1	0.3	**0.3**	0.01	0.02	33	0.2	0.5	**0.4**	0.01	0.04	*C95*
Myeloproliferative disorders	109	0.4	1.6	**1.6**	0.08	0.17	127	0.6	1.7	**1.4**	0.09	0.15	*MPD*
Myelodysplastic syndromes	135	0.6	2.0	**2.1**	0.09	0.23	172	0.8	2.3	**1.7**	0.07	0.18	*MDS*
Other and unspecified	677	2.8	9.9	**10.5**	0.63	1.23	734	3.5	10.0	**8.3**	0.43	0.92	*O&U*
All sites	24546		359.5	**388.9**	21.98	48.80	20962		286.3	**248.9**	15.69	28.37	*C00-96*
All sites except C44	24498	100.0	358.8	**388.2**	21.94	48.74	20907	100.0	285.5	**248.2**	15.64	28.31	*C00-96 exc. C44*

USA, Florida: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	382	0.2	1.1	**0.6**	0.04	0.07	148	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	2427	1.0	6.9	**4.3**	0.32	0.52	964	0.5	2.6	**1.4**	0.09	0.17	*C01-02*
Mouth	1348	0.6	3.8	**2.2**	0.16	0.26	859	0.4	2.4	**1.1**	0.07	0.13	*C03-06*
Salivary glands	779	0.3	2.2	**1.1**	0.06	0.13	443	0.2	1.2	**0.7**	0.04	0.07	*C07-08*
Tonsil	1542	0.7	4.4	**2.9**	0.25	0.34	383	0.2	1.1	**0.6**	0.05	0.07	*C09*
Other oropharynx	420	0.2	1.2	**0.8**	0.06	0.09	159	0.1	0.4	**0.2**	0.02	0.03	*C10*
Nasopharynx	340	0.1	1.0	**0.6**	0.05	0.07	147	0.1	0.4	**0.2**	0.02	0.03	*C11*
Hypopharynx	663	0.3	1.9	**1.1**	0.07	0.14	204	0.1	0.6	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	464	0.2	1.3	**0.8**	0.05	0.09	150	0.1	0.4	**0.2**	0.02	0.02	*C14*
Oesophagus	3795	1.6	10.7	**5.7**	0.33	0.71	1041	0.5	2.9	**1.2**	0.06	0.15	*C15*
Stomach	3551	1.5	10.0	**4.9**	0.25	0.57	2143	1.1	5.9	**2.5**	0.14	0.28	*C16*
Small intestine	876	0.4	2.5	**1.4**	0.08	0.17	717	0.4	2.0	**0.9**	0.06	0.10	*C17*
Colon	16379	6.9	46.3	**22.2**	1.08	2.64	16248	8.0	44.6	**17.4**	0.84	2.00	*C18*
Rectum	6873	2.9	19.4	**10.7**	0.66	1.30	5081	2.5	14.0	**6.6**	0.42	0.77	*C19-20*
Anus	646	0.3	1.8	**1.1**	0.08	0.12	1132	0.6	3.1	**1.7**	0.13	0.20	*C21*
Liver	3974	1.7	11.2	**6.4**	0.44	0.76	1527	0.7	4.2	**1.9**	0.11	0.21	*C22*
Gallbladder etc.	1237	0.5	3.5	**1.6**	0.07	0.19	1288	0.6	3.5	**1.3**	0.06	0.15	*C23-24*
Pancreas	5926	2.5	16.8	**8.2**	0.41	0.99	5490	2.7	15.1	**5.8**	0.28	0.68	*C25*
Nose, sinuses etc.	412	0.2	1.2	**0.7**	0.04	0.08	281	0.1	0.8	**0.4**	0.02	0.04	*C30-31*
Larynx	3620	1.5	10.2	**5.8**	0.38	0.75	846	0.4	2.3	**1.2**	0.08	0.15	*C32*
Trachea, bronchus and lung	39448	16.7	111.6	**55.3**	2.73	7.08	33405	16.4	91.8	**40.0**	2.08	5.11	*C33-34*
Other thoracic organs	193	0.1	0.5	**0.4**	0.02	0.04	129	0.1	0.4	**0.2**	0.02	0.02	*C37-38*
Bone	520	0.2	1.5	**1.3**	0.08	0.11	382	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	10488	4.4	29.7	**16.5**	1.00	1.86	6913	3.4	19.0	**11.6**	0.80	1.20	*C43*
Other skin	775		2.2	**1.1**	0.05	0.11	456		1.3	**0.6**	0.04	0.06	*C44*
Mesothelioma	882	0.4	2.5	**1.0**	0.04	0.12	226	0.1	0.6	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	446	0.2	1.3	**0.9**	0.07	0.08	49	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	1646	0.7	4.7	**2.9**	0.17	0.28	1273	0.6	3.5	**2.2**	0.14	0.22	*C47+C49*
Breast	866	0.4	2.4	**1.3**	0.08	0.16	53982	26.5	148.3	**80.9**	5.72	9.40	*C50*
Vulva							1190	0.6	3.3	**1.6**	0.11	0.18	*C51*
Vagina							290	0.1	0.8	**0.4**	0.02	0.04	*C52*
Cervix uteri							3549	1.7	9.7	**7.2**	0.59	0.70	*C53*
Corpus uteri							9904	4.9	27.2	**14.6**	1.04	1.78	*C54*
Uterus unspecified							471	0.2	1.3	**0.6**	0.04	0.07	*C55*
Ovary							6695	3.3	18.4	**9.7**	0.65	1.11	*C56*
Other female genital organs							293	0.1	0.8	**0.4**	0.02	0.05	*C57*
Placenta							22	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	336	0.1	1.0	**0.5**	0.03	0.06							*C60*
Prostate	60598	25.6	171.4	**91.4**	4.56	12.84							*C61*
Testis	1903	0.8	5.4	**5.2**	0.39	0.40							*C62*
Other male genital organs	87	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	7775	3.3	22.0	**12.5**	0.76	1.52	4648	2.3	12.8	**6.6**	0.40	0.76	*C64*
Renal pelvis	505	0.2	1.4	**0.7**	0.03	0.08	369	0.2	1.0	**0.3**	0.01	0.04	*C65*
Ureter	375	0.2	1.1	**0.4**	0.01	0.05	209	0.1	0.6	**0.2**	0.01	0.02	*C66*
Bladder	17787	7.5	50.3	**22.5**	0.92	2.72	5624	2.8	15.4	**6.0**	0.28	0.71	*C67*
Other urinary organs	132	0.1	0.4	**0.2**	0.01	0.02	59	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	444	0.2	1.3	**0.8**	0.05	0.08	421	0.2	1.2	**0.7**	0.04	0.07	*C69*
Brain, nervous system	3300	1.4	9.3	**6.7**	0.42	0.65	2646	1.3	7.3	**5.0**	0.31	0.46	*C70-72*
Thyroid	2009	0.8	5.7	**3.8**	0.28	0.41	5666	2.8	15.6	**11.9**	0.91	1.14	*C73*
Adrenal gland	101	0.0	0.3	**0.3**	0.02	0.02	112	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	65	0.0	0.2	**0.2**	0.01	0.01	48	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	1127	0.5	3.2	**2.7**	0.19	0.23	898	0.4	2.5	**2.3**	0.16	0.18	*C81*
Non-Hodgkin lymphoma	9490	4.0	26.8	**14.7**	0.85	1.65	8014	3.9	22.0	**10.4**	0.59	1.18	*C82-85,C96*
Immunoproliferative diseases	193	0.1	0.5	**0.2**	0.01	0.03	133	0.1	0.4	**0.1**	0.01	0.02	*C88*
Multiple myeloma	2580	1.1	7.3	**3.5**	0.19	0.42	2028	1.0	5.6	**2.3**	0.11	0.29	*C90*
Lymphoid leukaemia	3304	1.4	9.3	**5.8**	0.29	0.56	2309	1.1	6.3	**3.4**	0.17	0.30	*C91*
Myeloid leukaemia	2910	1.2	8.2	**4.5**	0.24	0.48	2189	1.1	6.0	**3.1**	0.19	0.32	*C92-94*
Leukaemia unspecified	338	0.1	1.0	**0.5**	0.02	0.04	246	0.1	0.7	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	1353	0.6	3.8	**2.1**	0.13	0.22	1266	0.6	3.5	**1.5**	0.08	0.16	*MPD*
Myelodysplastic syndromes	3219	1.4	9.1	**3.4**	0.09	0.36	2574	1.3	7.1	**2.2**	0.07	0.24	*MDS*
Other and unspecified	6424	2.7	18.2	**9.3**	0.52	1.09	6191	3.0	17.0	**6.8**	0.36	0.78	*O&U*
All sites	237273		671.3	**355.7**	19.16	43.81	204130		560.7	**281.0**	17.62	32.13	*C00-96*
All sites except C44	236498	100.0	669.1	**354.6**	19.11	43.70	203674	100.0	559.5	**280.4**	17.58	32.06	*C00-96 exc. C44*

§Includes 5 cases of unknown age

§Includes 3 cases of unknown age

USA, Georgia

REGISTRATION AREA

The Georgia Comprehensive Cancer Registry (GCCR) is a population-based registry covering the entire state of Georgia in the USA. In 2005, Georgia's population was estimated at 9.1 million. At the time of this estimate, 60% of residents were White, 30% were African-American, 3% were Asian, and the rest were of other races. Georgia's Hispanic population was estimated at 9%. Most Georgians (80%) live in urban areas.

CANCER CARE FACILITIES

All 139 hospitals in Georgia report cancer data to the GCCR, as do most pathology laboratories, radiation facilities, and oncology treatment centres.

REGISTRY STRUCTURE AND METHODS

The GCCR is located within the Georgia Department of Public Health, in the state capital of Atlanta. The registry is funded by the state and the federal government. Since 1995, the GCCR has participated in the National Program of Cancer Registries (NPCR), established by the United States Centers for Disease Control and Prevention (CDC). The GCCR employs four cancer registrars, two epidemiologists, and a data manager for data collection and analysis. It contracts with the Georgia Center for Cancer Statistics (GCCS) for data management. Reporting facilities submit automated data to the GCCR on a monthly basis. Annually, the GCCR conducts data linkages with the Georgia Discharge Database System to identify missed cases. It also conducts linkages with both the state mortality file and the National Death Index, and conducts active follow-up. GCCR cancer coordinators conduct case-finding and re-abstracting audits on a sample of hospitals yearly. All health care facilities that provide diagnostic evaluations and/or treatment for cancer patients are required to report cancer cases within their patient populations to the GCCR. The registry also maintains reporting agreements with neighbouring states so that Georgia residents who are diagnosed or treated in out-of-state facilities can be identified.

INTERPRETING THE RESULTS

Cervical cancer screening (for women aged 21–64 years) started in 1960, and breast cancer screening (for women aged 40–64 years) started in 1993. Coverage is low, at about 15%.

USE OF THE DATA

The GCCR prepares cancer incidence and mortality reports highlighting trends and changes. It also prepares special reports on breast, cervical, colorectal, lung, prostate, and childhood cancers. Cancer incidence and mortality analyses are available from http://dph.georgia.gov/georgia-comprehensive-cancer-registry. Cancer data are analysed to meet the needs of the Georgia Comprehensive Cancer Control Program. The registry also provides researchers with cancer data, responds to data requests, and investigates cancer clusters.

CONTRIBUTORS

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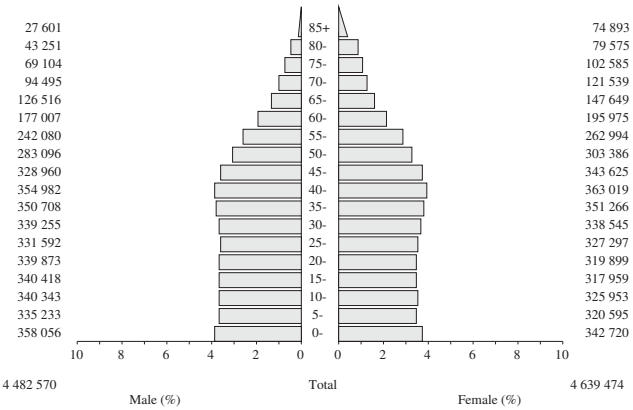
USA, Georgia (2003-2007)
Average annual person-years by sex and age group

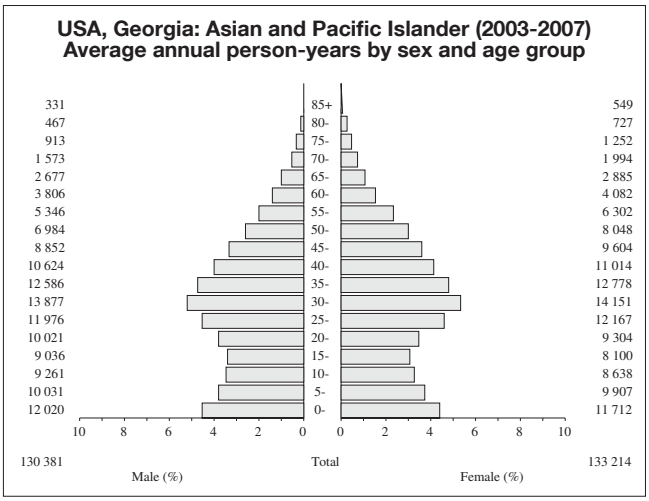


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

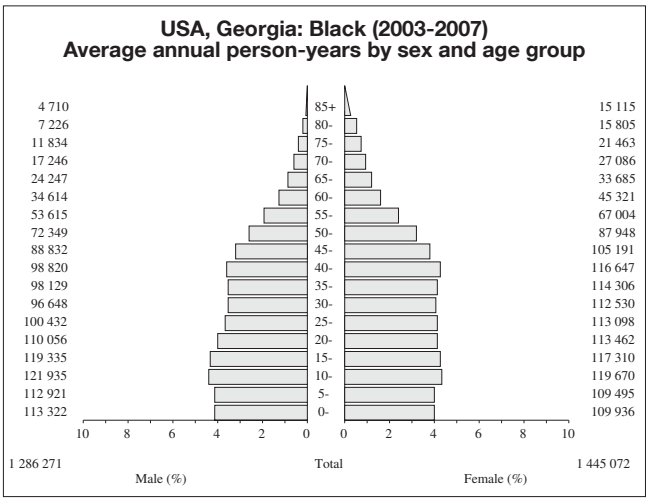
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	112.7	Breast	84.6
Trachea, bronchus and lung	62.7	Trachea, bronchus and lung	35.6
Colon	25.1	Colon	19.1
Bladder	19.0	Corpus uteri	12.9
Melanoma of skin	18.0	Melanoma of skin	12.2
Non-Hodgkin lymphoma	14.4	Thyroid	10.2
Kidney	12.5	Non-Hodgkin lymphoma	9.6
Rectum	11.6	Ovary	9.0
Pancreas	8.2	Rectum	7.1
Other and unspecified	7.7	Kidney	6.8
All sites	377.5	All sites	274.0



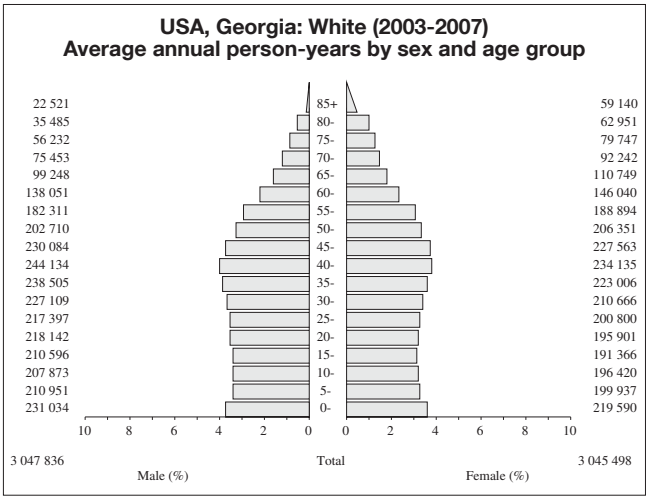
USA, GEORGIA: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	31.2	Breast	39.4
Trachea, bronchus and lung	17.4	Trachea, bronchus and lung	11.8
Liver	12.1	Thyroid	10.2
Colon	10.9	Colon	10.1
Stomach	8.9	Stomach	6.4
Bladder	6.9	Rectum	5.5
Rectum	6.8	Cervix uteri	5.0
Non-Hodgkin lymphoma	5.5	Liver	4.8
Other and unspecified	4.0	Ovary	4.5
Pancreas	3.6	Corpus uteri	4.3
All sites	135.6	All sites	134.6



USA, GEORGIA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	179.3	Breast	84.2
Trachea, bronchus and lung	67.6	Trachea, bronchus and lung	28.6
Colon	33.4	Colon	25.6
Kidney	14.1	Corpus uteri	12.8
Non-Hodgkin lymphoma	13.0	Pancreas	8.0
Rectum	11.6	Rectum	8.0
Pancreas	10.7	Cervix uteri	7.8
Stomach	10.6	Non-Hodgkin lymphoma	7.4
Bladder	10.2	Ovary	7.3
Other and unspecified	9.1	Kidney	7.2
All sites	443.1	All sites	261.9



USA, GEORGIA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	96.1	Breast	85.3
Trachea, bronchus and lung	62.3	Trachea, bronchus and lung	38.5
Melanoma of skin	23.3	Melanoma of skin	17.1
Colon	23.1	Colon	17.0
Bladder	21.5	Corpus uteri	13.3
Non-Hodgkin lymphoma	14.7	Thyroid	11.8
Kidney	12.3	Non-Hodgkin lymphoma	10.3
Rectum	11.6	Ovary	9.5
Pancreas	7.6	Kidney	6.8
Other and unspecified	7.5	Rectum	6.7
All sites	364.7	All sites	281.5

USA, Georgia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	137	0.1	0.6	**0.5**	0.02	0.06	31	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	892	0.9	4.0	**3.4**	0.25	0.42	349	0.4	1.5	**1.1**	0.07	0.13	*C01-02*
Mouth	585	0.6	2.6	**2.2**	0.14	0.26	436	0.5	1.9	**1.2**	0.06	0.15	*C03-06*
Salivary glands	290	0.3	1.3	**1.1**	0.06	0.12	209	0.2	0.9	**0.7**	0.05	0.07	*C07-08*
Tonsil	626	0.6	2.8	**2.4**	0.19	0.29	168	0.2	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	188	0.2	0.8	**0.7**	0.05	0.09	43	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	172	0.2	0.8	**0.7**	0.05	0.07	77	0.1	0.3	**0.3**	0.02	0.03	*C11*
Hypopharynx	296	0.3	1.3	**1.1**	0.08	0.14	68	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	115	0.1	0.5	**0.4**	0.03	0.06	28	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	1527	1.5	6.8	**5.8**	0.34	0.72	476	0.5	2.1	**1.4**	0.07	0.17	*C15*
Stomach	1513	1.5	6.8	**5.6**	0.30	0.66	1024	1.2	4.4	**2.9**	0.16	0.33	*C16*
Small intestine	404	0.4	1.8	**1.5**	0.09	0.19	383	0.4	1.7	**1.2**	0.07	0.15	*C17*
Colon	6685	6.8	29.8	**25.1**	1.29	3.00	6801	7.7	29.3	**19.1**	1.01	2.22	*C18*
Rectum	3062	3.1	13.7	**11.6**	0.70	1.40	2326	2.6	10.0	**7.1**	0.45	0.83	*C19-20*
Anus	273	0.3	1.2	**1.0**	0.07	0.11	382	0.4	1.6	**1.2**	0.09	0.15	*C21*
Liver	1574	1.6	7.0	**5.9**	0.39	0.70	610	0.7	2.6	**1.8**	0.10	0.21	*C22*
Gallbladder etc.	356	0.4	1.6	**1.3**	0.06	0.13	506	0.6	2.2	**1.4**	0.08	0.17	*C23-24*
Pancreas	2192	2.2	9.8	**8.2**	0.40	1.00	2172	2.5	9.4	**5.8**	0.26	0.69	*C25*
Nose, sinuses etc.	178	0.2	0.8	**0.7**	0.05	0.08	91	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	1591	1.6	7.1	**6.1**	0.39	0.77	365	0.4	1.6	**1.2**	0.08	0.16	*C32*
Trachea, bronchus and lung	16574	16.8	73.9	**62.7**	2.90	7.96	11937	13.5	51.5	**35.6**	1.81	4.60	*C33-34*
Other thoracic organs	112	0.1	0.5	**0.4**	0.03	0.05	64	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	201	0.2	0.9	**0.9**	0.05	0.08	195	0.2	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	4824	4.9	21.5	**18.0**	1.11	2.07	3646	4.1	15.7	**12.2**	0.87	1.26	*C43*
Other skin	307		1.4	**1.1**	0.06	0.11	236		1.0	**0.8**	0.05	0.07	*C44*
Mesothelioma	195	0.2	0.9	**0.7**	0.03	0.08	54	0.1	0.2	**0.1**	0.01	0.02	*C45*
Kaposi sarcoma	295	0.3	1.3	**1.1**	0.08	0.09	19	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	730	0.7	3.3	**2.9**	0.17	0.27	618	0.7	2.7	**2.2**	0.15	0.21	*C47+C49*
Breast	192	0.2	0.9	**0.7**	0.04	0.08	26711	30.2	115.1	**84.6**	6.05	9.70	*C50*
Vulva							530	0.6	2.3	**1.6**	0.10	0.17	*C51*
Vagina							203	0.2	0.9	**0.6**	0.03	0.07	*C52*
Cervix uteri							1941	2.2	8.4	**6.6**	0.51	0.65	*C53*
Corpus uteri							4014	4.5	17.3	**12.9**	0.90	1.58	*C54*
Uterus unspecified							133	0.2	0.6	**0.4**	0.03	0.05	*C55*
Ovary							2875	3.3	12.4	**9.0**	0.58	1.03	*C56*
Other female genital organs							130	0.1	0.6	**0.4**	0.03	0.05	*C57*
Placenta							23	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	120	0.1	0.5	**0.5**	0.02	0.06							*C60*
Prostate	28926	29.3	129.1	**112.7**	5.94	15.20							*C61*
Testis	900	0.9	4.0	**3.6**	0.27	0.28							*C62*
Other male genital organs	38	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	3272	3.3	14.6	**12.5**	0.76	1.52	2110	2.4	9.1	**6.8**	0.41	0.80	*C64*
Renal pelvis	138	0.1	0.6	**0.5**	0.02	0.06	82	0.1	0.4	**0.2**	0.01	0.03	*C65*
Ureter	107	0.1	0.5	**0.4**	0.01	0.04	47	0.1	0.2	**0.1**	0.00	0.01	*C66*
Bladder	5151	5.2	23.0	**19.0**	0.77	2.26	1713	1.9	7.4	**4.6**	0.19	0.54	*C67*
Other urinary organs	42	0.0	0.2	**0.2**	0.01	0.02	31	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	155	0.2	0.7	**0.7**	0.04	0.07	118	0.1	0.5	**0.5**	0.03	0.04	*C69*
Brain, nervous system	1404	1.4	6.3	**5.7**	0.36	0.58	1276	1.4	5.5	**4.7**	0.28	0.44	*C70-72*
Thyroid	855	0.9	3.8	**3.2**	0.24	0.36	2908	3.3	12.5	**10.2**	0.80	1.00	*C73*
Adrenal gland	62	0.1	0.3	**0.3**	0.02	0.02	73	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	40	0.0	0.2	**0.2**	0.01	0.01	26	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	611	0.6	2.7	**2.5**	0.17	0.22	517	0.6	2.2	**2.1**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	3812	3.9	17.0	**14.4**	0.83	1.59	3242	3.7	14.0	**9.6**	0.55	1.07	*C82-85,C96*
Immunoproliferative diseases	33	0.0	0.1	**0.1**	0.00	0.01	36	0.0	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	1255	1.3	5.6	**4.7**	0.23	0.58	1092	1.2	4.7	**3.2**	0.17	0.39	*C90*
Lymphoid leukaemia	1387	1.4	6.2	**5.7**	0.29	0.55	997	1.1	4.3	**3.4**	0.16	0.31	*C91*
Myeloid leukaemia	1186	1.2	5.3	**4.5**	0.23	0.48	977	1.1	4.2	**3.1**	0.18	0.32	*C92-94*
Leukaemia unspecified	100	0.1	0.4	**0.4**	0.01	0.03	116	0.1	0.5	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	478	0.5	2.1	**1.8**	0.10	0.20	452	0.5	1.9	**1.4**	0.08	0.16	*MPD*
Myelodysplastic syndromes	649	0.7	2.9	**2.3**	0.06	0.25	627	0.7	2.7	**1.6**	0.05	0.16	*MDS*
Other and unspecified	2085	2.1	9.3	**7.7**	0.37	0.89	2277	2.6	9.8	**6.0**	0.28	0.67	*O&U*
All sites	98892		441.2	**377.5**	20.21	46.32	88591		381.9	**274.0**	17.26	31.30	*C00-96*
All sites except C44	98585	100.0	439.9	**376.4**	20.15	46.20	88355	100.0	380.9	**273.2**	17.21	31.23	*C00-96 exc. C44*

USA, Georgia: Asian and Pacific Islander (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	1	0.1	0.2	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	7	1.0	1.1	**1.0**	0.08	0.12	4	0.4	0.6	**0.5**	0.03	0.06	*C01-02*
Mouth	7	1.0	1.1	**1.1**	0.09	0.13	2	0.2	0.3	**0.3**	0.00	0.03	*C03-06*
Salivary glands	1	0.1	0.2	**0.1**	0.01	0.01	3	0.3	0.5	**0.6**	0.02	0.06	*C07-08*
Tonsil	1	0.1	0.2	**0.2**	0.00	0.00	1	0.1	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	1	0.1	0.2	**0.2**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	10	1.4	1.5	**1.4**	0.14	0.14	10	1.1	1.5	**1.6**	0.13	0.23	*C11*
Hypopharynx	1	0.1	0.2	**0.1**	0.01	0.01	1	0.1	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	5	0.7	0.8	**1.1**	0.00	0.14	4	0.4	0.6	**0.7**	0.00	0.03	*C15*
Stomach	47	6.8	7.2	**8.9**	0.49	0.96	39	4.3	5.9	**6.4**	0.21	0.86	*C16*
Small intestine	2	0.3	0.3	**0.4**	0.03	0.06	4	0.4	0.6	**0.7**	0.06	0.11	*C17*
Colon	57	8.2	8.7	**10.9**	0.48	1.33	65	7.1	9.8	**10.1**	0.57	1.37	*C18*
Rectum	38	5.5	5.8	**6.8**	0.32	0.83	35	3.8	5.3	**5.5**	0.24	0.65	*C19-20*
Anus	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.2**	0.00	0.05	*C21*
Liver	65	9.4	10.0	**12.1**	0.52	1.79	28	3.1	4.2	**4.8**	0.29	0.64	*C22*
Gallbladder etc.	6	0.9	0.9	**1.2**	0.03	0.20	6	0.7	0.9	**0.9**	0.04	0.14	*C23-24*
Pancreas	18	2.6	2.8	**3.6**	0.16	0.45	17	1.9	2.6	**2.9**	0.13	0.37	*C25*
Nose, sinuses etc.	6	0.9	0.9	**1.2**	0.05	0.13	1	0.1	0.2	**0.1**	0.01	0.01	*C30-31*
Larynx	11	1.6	1.7	**2.2**	0.13	0.29	2	0.2	0.3	**0.3**	0.00	0.05	*C32*
Trachea, bronchus and lung	84	12.1	12.9	**17.4**	0.70	2.24	70	7.7	10.5	**11.8**	0.54	1.43	*C33-34*
Other thoracic organs	1	0.1	0.2	**0.1**	0.01	0.01	2	0.2	0.3	**0.3**	0.01	0.06	*C37-38*
Bone	4	0.6	0.6	**0.8**	0.02	0.06	2	0.2	0.3	**0.3**	0.01	0.06	*C40-41*
Melanoma of skin	2	0.3	0.3	**0.4**	0.05	0.05	5	0.5	0.8	**0.5**	0.03	0.03	*C43*
Other skin	3		0.5	**0.4**	0.02	0.05	0		0.0	**0.0**	0.00	0.00	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	2	0.3	0.3	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	8	1.2	1.2	**1.3**	0.10	0.16	7	0.8	1.1	**1.0**	0.06	0.10	*C47+C49*
Breast	0	0.0	0.0	**0.0**	0.00	0.00	287	31.5	43.1	**39.4**	2.83	4.49	*C50*
Vulva							4	0.4	0.6	**0.6**	0.02	0.06	*C51*
Vagina							2	0.2	0.3	**0.3**	0.01	0.04	*C52*
Cervix uteri							39	4.3	5.9	**5.0**	0.35	0.54	*C53*
Corpus uteri							33	3.6	5.0	**4.3**	0.34	0.47	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							32	3.5	4.8	**4.5**	0.37	0.44	*C56*
Other female genital organs							2	0.2	0.3	**0.4**	0.00	0.05	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	147	21.2	22.5	**31.2**	1.09	3.82							*C61*
Testis	6	0.9	0.9	**0.9**	0.05	0.05							*C62*
Other male genital organs	1	0.1	0.2	**0.2**	0.03	0.03							*C63*
Kidney	18	2.6	2.8	**3.3**	0.24	0.44	8	0.9	1.2	**1.3**	0.04	0.13	*C64*
Renal pelvis	3	0.4	0.5	**0.5**	0.06	0.06	1	0.1	0.2	**0.1**	0.00	0.00	*C65*
Ureter	1	0.1	0.2	**0.2**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	32	4.6	4.9	**6.9**	0.20	0.96	7	0.8	1.1	**1.2**	0.00	0.08	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	2	0.2	0.3	**0.3**	0.02	0.02	*C69*
Brain, nervous system	8	1.2	1.2	**1.4**	0.08	0.12	17	1.9	2.6	**2.6**	0.15	0.19	*C70-72*
Thyroid	6	0.9	0.9	**0.9**	0.06	0.13	81	8.9	12.2	**10.2**	0.83	1.00	*C73*
Adrenal gland	2	0.3	0.3	**0.4**	0.01	0.07	1	0.1	0.2	**0.2**	0.01	0.01	*C74*
Other endocrine	1	0.1	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	1	0.1	0.2	**0.2**	0.03	0.03	5	0.5	0.8	**0.9**	0.05	0.05	*C81*
Non-Hodgkin lymphoma	30	4.3	4.6	**5.5**	0.25	0.71	20	2.2	3.0	**3.0**	0.15	0.23	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	4	0.6	0.6	**0.9**	0.00	0.10	7	0.8	1.1	**1.1**	0.08	0.11	*C90*
Lymphoid leukaemia	9	1.3	1.4	**1.8**	0.08	0.12	10	1.1	1.5	**1.5**	0.07	0.12	*C91*
Myeloid leukaemia	15	2.2	2.3	**2.8**	0.15	0.33	16	1.8	2.4	**2.8**	0.10	0.30	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	3	0.3	0.5	**0.5**	0.03	0.08	*MPD*
Myelodysplastic syndromes	3	0.4	0.5	**0.7**	0.00	0.07	3	0.3	0.5	**0.5**	0.01	0.06	*MDS*
Other and unspecified	21	3.0	3.2	**4.0**	0.20	0.49	22	2.4	3.3	**3.6**	0.14	0.46	*O&U*
All sites	696		106.8	**135.6**	6.03	16.76	912		136.9	**134.6**	8.01	15.32	*C00-96*
All sites except C44	693	100.0	106.3	**135.2**	6.01	16.71	912	100.0	136.9	**134.6**	8.01	15.32	*C00-96 exc. C44*

USA, Georgia: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.0	0.0	**0.0**	0.00	0.00	4	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	142	0.6	2.2	**2.6**	0.18	0.32	65	0.3	0.9	**0.8**	0.05	0.09	*C01-02*
Mouth	112	0.5	1.7	**2.0**	0.14	0.23	97	0.5	1.3	**1.2**	0.08	0.14	*C03-06*
Salivary glands	46	0.2	0.7	**0.7**	0.05	0.08	61	0.3	0.8	**0.8**	0.06	0.09	*C07-08*
Tonsil	121	0.5	1.9	**2.1**	0.16	0.28	39	0.2	0.5	**0.5**	0.05	0.05	*C09*
Other oropharynx	54	0.2	0.8	**1.0**	0.08	0.13	16	0.1	0.2	**0.2**	0.02	0.02	*C10*
Nasopharynx	63	0.3	1.0	**1.0**	0.08	0.10	28	0.1	0.4	**0.4**	0.02	0.04	*C11*
Hypopharynx	109	0.5	1.7	**2.0**	0.15	0.26	19	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	29	0.1	0.5	**0.5**	0.03	0.07	8	0.0	0.1	**0.1**	0.01	0.02	*C14*
Oesophagus	481	2.0	7.5	**8.9**	0.58	1.16	194	0.9	2.7	**2.4**	0.15	0.30	*C15*
Stomach	572	2.4	8.9	**10.6**	0.54	1.25	430	2.0	6.0	**5.0**	0.29	0.57	*C16*
Small intestine	114	0.5	1.8	**2.1**	0.12	0.27	114	0.5	1.6	**1.4**	0.09	0.17	*C17*
Colon	1816	7.6	28.2	**33.4**	1.81	4.13	2094	9.9	29.0	**25.6**	1.44	3.07	*C18*
Rectum	663	2.8	10.3	**11.6**	0.70	1.40	658	3.1	9.1	**8.0**	0.53	0.93	*C19-20*
Anus	73	0.3	1.1	**1.1**	0.08	0.11	69	0.3	1.0	**0.9**	0.06	0.11	*C21*
Liver	448	1.9	7.0	**7.5**	0.60	0.85	153	0.7	2.1	**1.9**	0.11	0.23	*C22*
Gallbladder etc.	78	0.3	1.2	**1.4**	0.08	0.16	154	0.7	2.1	**1.9**	0.10	0.22	*C23-24*
Pancreas	577	2.4	9.0	**10.7**	0.55	1.34	677	3.2	9.4	**8.0**	0.36	0.96	*C25*
Nose, sinuses etc.	42	0.2	0.7	**0.7**	0.06	0.07	24	0.1	0.3	**0.3**	0.02	0.03	*C30-31*
Larynx	457	1.9	7.1	**8.3**	0.56	1.03	74	0.3	1.0	**1.0**	0.06	0.13	*C32*
Trachea, bronchus and lung	3544	14.9	55.1	**67.6**	3.50	8.64	2248	10.6	31.1	**28.6**	1.58	3.62	*C33-34*
Other thoracic organs	28	0.1	0.4	**0.5**	0.03	0.05	18	0.1	0.2	**0.2**	0.02	0.02	*C37-38*
Bone	52	0.2	0.8	**0.8**	0.05	0.07	57	0.3	0.8	**0.7**	0.05	0.05	*C40-41*
Melanoma of skin	44	0.2	0.7	**0.8**	0.03	0.10	58	0.3	0.8	**0.7**	0.03	0.09	*C43*
Other skin	64		1.0	**0.9**	0.07	0.09	85		1.2	**1.0**	0.08	0.10	*C44*
Mesothelioma	20	0.1	0.3	**0.4**	0.03	0.04	3	0.0	0.0	**0.0**	0.00	0.01	*C45*
Kaposi sarcoma	170	0.7	2.6	**2.2**	0.18	0.18	7	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	145	0.6	2.3	**2.3**	0.16	0.22	207	1.0	2.9	**2.7**	0.19	0.27	*C47+C49*
Breast	57	0.2	0.9	**1.0**	0.07	0.12	6910	32.6	95.6	**84.2**	6.10	9.53	*C50*
Vulva							93	0.4	1.3	**1.1**	0.08	0.11	*C51*
Vagina							69	0.3	1.0	**0.9**	0.05	0.11	*C52*
Cervix uteri							654	3.1	9.1	**7.8**	0.58	0.79	*C53*
Corpus uteri							976	4.6	13.5	**12.8**	0.82	1.65	*C54*
Uterus unspecified							62	0.3	0.9	**0.8**	0.04	0.11	*C55*
Ovary							594	2.8	8.2	**7.3**	0.48	0.82	*C56*
Other female genital organs							31	0.1	0.4	**0.4**	0.03	0.06	*C57*
Placenta							8	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	28	0.1	0.4	**0.5**	0.02	0.07							*C60*
Prostate	9233	38.9	143.6	**179.3**	9.92	24.04							*C61*
Testis	67	0.3	1.0	**0.9**	0.07	0.07							*C62*
Other male genital organs	10	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	777	3.3	12.1	**14.1**	0.88	1.79	568	2.7	7.9	**7.2**	0.42	0.84	*C64*
Renal pelvis	12	0.1	0.2	**0.2**	0.01	0.04	8	0.0	0.1	**0.1**	0.00	0.01	*C65*
Ureter	9	0.0	0.1	**0.2**	0.00	0.02	5	0.0	0.1	**0.0**	0.00	0.00	*C66*
Bladder	537	2.3	8.3	**10.2**	0.42	1.20	281	1.3	3.9	**3.2**	0.09	0.37	*C67*
Other urinary organs	11	0.0	0.2	**0.2**	0.00	0.03	17	0.1	0.2	**0.2**	0.01	0.02	*C68*
Eye	13	0.1	0.2	**0.2**	0.01	0.01	20	0.1	0.3	**0.4**	0.02	0.02	*C69*
Brain, nervous system	200	0.8	3.1	**3.3**	0.22	0.30	251	1.2	3.5	**3.4**	0.19	0.28	*C70-72*
Thyroid	109	0.5	1.7	**1.8**	0.12	0.22	551	2.6	7.6	**6.6**	0.52	0.66	*C73*
Adrenal gland	17	0.1	0.3	**0.3**	0.02	0.02	25	0.1	0.3	**0.4**	0.02	0.03	*C74*
Other endocrine	14	0.1	0.2	**0.2**	0.01	0.02	12	0.1	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	164	0.7	2.6	**2.4**	0.18	0.21	157	0.7	2.2	**1.9**	0.14	0.15	*C81*
Non-Hodgkin lymphoma	796	3.4	12.4	**13.0**	0.89	1.42	603	2.8	8.3	**7.4**	0.48	0.80	*C82-85,C96*
Immunoproliferative diseases	6	0.0	0.1	**0.1**	0.01	0.01	7	0.0	0.1	**0.1**	0.01	0.02	*C88*
Multiple myeloma	478	2.0	7.4	**8.9**	0.48	1.14	467	2.2	6.5	**5.8**	0.33	0.70	*C90*
Lymphoid leukaemia	262	1.1	4.1	**4.9**	0.27	0.50	175	0.8	2.4	**2.3**	0.11	0.19	*C91*
Myeloid leukaemia	236	1.0	3.7	**4.1**	0.23	0.45	250	1.2	3.5	**3.1**	0.18	0.30	*C92-94*
Leukaemia unspecified	23	0.1	0.4	**0.4**	0.01	0.04	24	0.1	0.3	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	86	0.4	1.3	**1.5**	0.10	0.18	113	0.5	1.6	**1.4**	0.07	0.16	*MPD*
Myelodysplastic syndromes	114	0.5	1.8	**2.2**	0.08	0.24	140	0.7	1.9	**1.6**	0.06	0.16	*MDS*
Other and unspecified	491	2.1	7.6	**9.1**	0.47	1.09	555	2.6	7.7	**6.5**	0.29	0.73	*O&U*
All sites	23816		370.3	**443.1**	25.09	55.91	21287		294.6	**261.9**	16.62	30.03	*C00-96*
All sites except C44	23752	100.0	369.3	**442.1**	25.02	55.82	21202	100.0	293.4	**260.8**	16.54	29.94	*C00-96 exc. C44*

USA, Georgia: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	133	0.2	0.9	**0.6**	0.03	0.08	27	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	733	1.0	4.8	**3.7**	0.27	0.45	275	0.4	1.8	**1.2**	0.08	0.14	*C01-02*
Mouth	458	0.6	3.0	**2.3**	0.14	0.27	333	0.5	2.2	**1.2**	0.06	0.15	*C03-06*
Salivary glands	243	0.3	1.6	**1.2**	0.06	0.13	143	0.2	0.9	**0.6**	0.04	0.06	*C07-08*
Tonsil	503	0.7	3.3	**2.6**	0.22	0.30	126	0.2	0.8	**0.6**	0.04	0.07	*C09*
Other oropharynx	132	0.2	0.9	**0.7**	0.05	0.09	27	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	97	0.1	0.6	**0.5**	0.04	0.05	38	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	185	0.3	1.2	**0.9**	0.06	0.12	48	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	86	0.1	0.6	**0.4**	0.02	0.05	20	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	1034	1.4	6.8	**5.1**	0.28	0.62	273	0.4	1.8	**1.0**	0.05	0.12	*C15*
Stomach	884	1.2	5.8	**4.2**	0.22	0.49	546	0.8	3.6	**2.0**	0.11	0.23	*C16*
Small intestine	285	0.4	1.9	**1.4**	0.08	0.17	263	0.4	1.7	**1.1**	0.07	0.14	*C17*
Colon	4783	6.5	31.4	**23.1**	1.16	2.74	4627	7.0	30.4	**17.0**	0.87	1.96	*C18*
Rectum	2339	3.2	15.3	**11.6**	0.71	1.41	1612	2.5	10.6	**6.7**	0.42	0.79	*C19-20*
Anus	198	0.3	1.3	**1.0**	0.07	0.11	311	0.5	2.0	**1.4**	0.10	0.17	*C21*
Liver	1055	1.4	6.9	**5.2**	0.32	0.62	427	0.7	2.8	**1.7**	0.09	0.20	*C22*
Gallbladder etc.	271	0.4	1.8	**1.2**	0.05	0.13	344	0.5	2.3	**1.3**	0.07	0.15	*C23-24*
Pancreas	1585	2.2	10.4	**7.6**	0.36	0.92	1473	2.2	9.7	**5.2**	0.23	0.61	*C25*
Nose, sinuses etc.	129	0.2	0.8	**0.6**	0.04	0.07	66	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	1120	1.5	7.3	**5.6**	0.35	0.71	288	0.4	1.9	**1.3**	0.09	0.17	*C32*
Trachea, bronchus and lung	12903	17.6	84.7	**62.3**	2.79	7.91	9601	14.6	63.1	**38.5**	1.94	4.99	*C33-34*
Other thoracic organs	82	0.1	0.5	**0.4**	0.03	0.05	44	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	142	0.2	0.9	**0.9**	0.05	0.08	133	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	4692	6.4	30.8	**23.3**	1.47	2.65	3497	5.3	23.0	**17.1**	1.25	1.73	*C43*
Other skin	230		1.5	**1.1**	0.05	0.11	148		1.0	**0.6**	0.04	0.05	*C44*
Mesothelioma	174	0.2	1.1	**0.8**	0.03	0.09	50	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	119	0.2	0.8	**0.6**	0.05	0.05	12	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	572	0.8	3.8	**3.0**	0.17	0.29	399	0.6	2.6	**2.0**	0.13	0.19	*C47+C49*
Breast	133	0.2	0.9	**0.6**	0.03	0.07	19356	29.5	127.1	**85.3**	6.10	9.85	*C50*
Vulva							425	0.6	2.8	**1.7**	0.11	0.19	*C51*
Vagina							132	0.2	0.9	**0.5**	0.03	0.05	*C52*
Cervix uteri							1229	1.9	8.1	**6.3**	0.49	0.61	*C53*
Corpus uteri							2981	4.5	19.6	**13.3**	0.96	1.61	*C54*
Uterus unspecified							70	0.1	0.5	**0.3**	0.02	0.03	*C55*
Ovary							2220	3.4	14.6	**9.5**	0.62	1.10	*C56*
Other female genital organs							95	0.1	0.6	**0.4**	0.03	0.04	*C57*
Placenta							13	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	90	0.1	0.6	**0.4**	0.03	0.05							*C60*
Prostate	19220	26.2	126.1	**96.1**	4.89	13.06							*C61*
Testis	818	1.1	5.4	**4.9**	0.36	0.37							*C62*
Other male genital organs	27	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	2463	3.4	16.2	**12.3**	0.75	1.48	1525	2.3	10.0	**6.8**	0.42	0.81	*C64*
Renal pelvis	123	0.2	0.8	**0.6**	0.02	0.07	73	0.1	0.5	**0.2**	0.01	0.03	*C65*
Ureter	96	0.1	0.6	**0.4**	0.01	0.04	42	0.1	0.3	**0.1**	0.00	0.01	*C66*
Bladder	4560	6.2	29.9	**21.5**	0.89	2.55	1418	2.2	9.3	**5.2**	0.24	0.61	*C67*
Other urinary organs	31	0.0	0.2	**0.1**	0.01	0.02	14	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	140	0.2	0.9	**0.8**	0.04	0.08	94	0.1	0.6	**0.5**	0.03	0.04	*C69*
Brain, nervous system	1189	1.6	7.8	**6.7**	0.42	0.68	999	1.5	6.6	**5.3**	0.32	0.50	*C70-72*
Thyroid	732	1.0	4.8	**3.8**	0.29	0.41	2246	3.4	14.7	**11.8**	0.92	1.14	*C73*
Adrenal gland	43	0.1	0.3	**0.4**	0.02	0.02	46	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	25	0.0	0.2	**0.2**	0.01	0.01	14	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	438	0.6	2.9	**2.7**	0.18	0.23	349	0.5	2.3	**2.2**	0.14	0.17	*C81*
Non-Hodgkin lymphoma	2960	4.0	19.4	**14.7**	0.82	1.64	2602	4.0	17.1	**10.3**	0.58	1.17	*C82-85,C96*
Immunoproliferative diseases	27	0.0	0.2	**0.1**	0.00	0.01	29	0.0	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	768	1.0	5.0	**3.7**	0.17	0.44	615	0.9	4.0	**2.3**	0.11	0.28	*C90*
Lymphoid leukaemia	1095	1.5	7.2	**5.9**	0.30	0.57	793	1.2	5.2	**3.8**	0.18	0.35	*C91*
Myeloid leukaemia	931	1.3	6.1	**4.7**	0.24	0.49	703	1.1	4.6	**3.1**	0.18	0.32	*C92-94*
Leukaemia unspecified	76	0.1	0.5	**0.4**	0.01	0.03	91	0.1	0.6	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	386	0.5	2.5	**1.9**	0.10	0.21	331	0.5	2.2	**1.4**	0.09	0.16	*MPD*
Myelodysplastic syndromes	527	0.7	3.5	**2.4**	0.06	0.25	482	0.7	3.2	**1.6**	0.05	0.16	*MDS*
Other and unspecified	1568	2.1	10.3	**7.5**	0.34	0.84	1693	2.6	11.1	**5.9**	0.29	0.65	*O&U*
All sites	73633		483.2	**364.7**	19.17	44.39	65831		432.3	**281.5**	17.76	32.11	*C00-96*
All sites except C44	73403	100.0	481.7	**363.6**	19.12	44.28	65683	100.0	431.3	**280.9**	17.73	32.06	*C00-96 exc. C44*

USA, Georgia, Atlanta

REGISTRATION AREA

The Metropolitan Atlanta SEER Registry (MASR) records cancer cases diagnosed in residents of five contiguous counties (Clayton, Cobb, DeKalb, Fulton, and Gwinnett) surrounding Atlanta, the state capital of Georgia in the USA. In 2005, the covered population was estimated at 3.3 million. At the time of this estimate, 56% of residents were White, 38% were Black, and 6% were of other races. The combined population of these five counties accounted for 36% of the overall population of Georgia (which is divided into a total of 159 counties).

CANCER CARE FACILITIES

All hospitals, pathology laboratories, and radiation facilities in the registry coverage area report cancer data, as do most oncology treatment centres.

REGISTRY STRUCTURE AND METHODS

The MASR is funded by the National Cancer Institute (NCI) and operated by the Georgia Center for Cancer Statistics (GCCS), a division of the Rollins School of Public Health at Emory University. The registry staff includes epidemiologists, quality control editors, data abstractors, and analysts. Cancer is a reportable disease in the state, and the registry uses both active and passive case finding and reporting. Most facilities identify and electronically transmit their cases to the registry on a monthly basis. Registry staff members actively identify and collect cases from some radiation therapy facilities, large physician practices, and selected other facilities. Patient follow-up is also conducted using both active and passive methods. Case-finding and re-abstraction audits are regularly performed.

INTERPRETING THE RESULTS

The MASR actively shares data with the Georgia Comprehensive Cancer Registry (GCCR) and other states, to ensure complete case ascertainment and treatment information. The GCCS serves as the designated agent of the state of Georgia for conducting the day-to-day operations of the GCCR. For selected cancers that may be diagnosed and treated solely in physicians' offices, incidence records may be missing from the registry, due to a general lack of reporting by physicians. Cervical cancer screening (for women aged 21–64 years) started in 1960, and breast cancer screening (for women aged 40–64 years) started in 1993. Coverage is low, at about 15%.

USE OF THE DATA

The MASR submits data on an annual basis to the NCI's SEER Program. De-identified registry data are available from the SEER Program's website (http://www.seer.cancer.gov/), and cancer statistics are also available from the GCCS website (http://web1.sph.emory.edu/GCCS/cms/index.html). Research is a key part of the MASR's mission, and the registry both actively conducts research and cooperates with researchers across the USA.

CONTRIBUTORS

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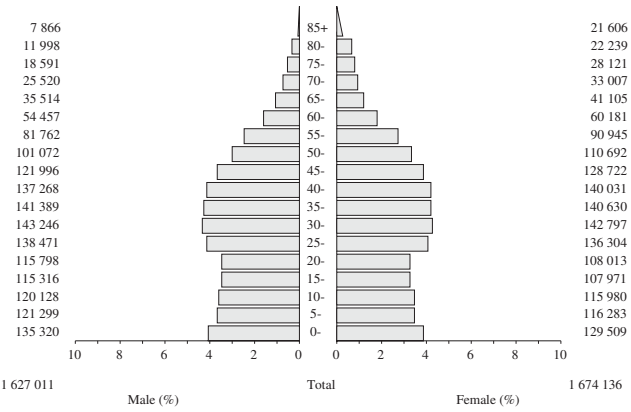
GCCS staff

John L. Young, Jr.
Mary Lyn Almon
GCCR staff

USA, Georgia, Atlanta (2003-2007)
Average annual person-years by sex and age group

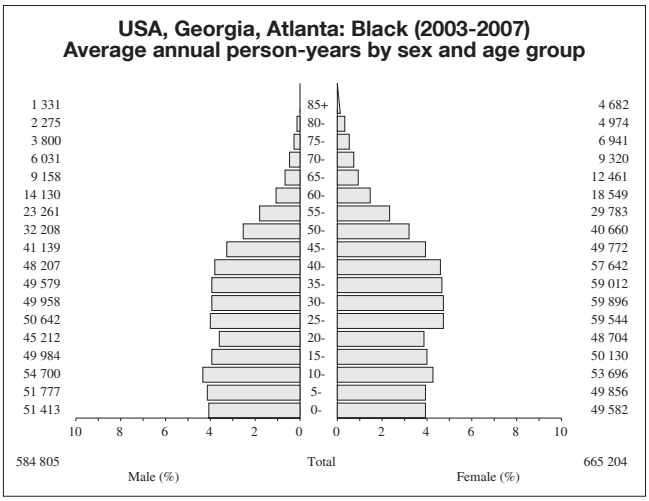


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

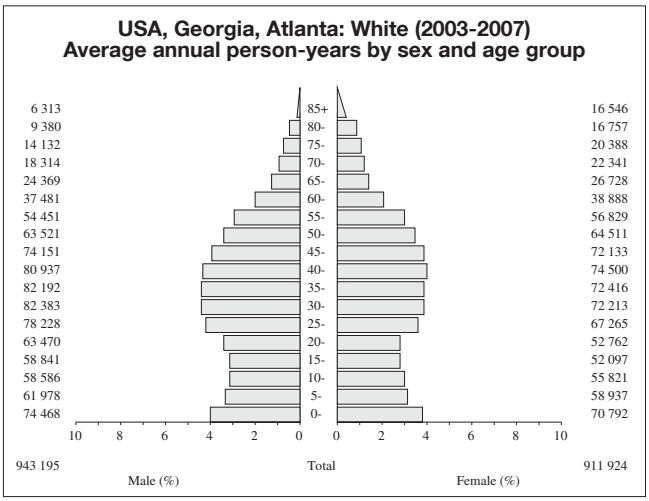
Male		Female	
Prostate	123.3	Breast	87.2
Trachea, bronchus and lung	45.8	Trachea, bronchus and lung	29.6
Colon	21.1	Colon	18.2
Melanoma of skin	20.3	Melanoma of skin	13.2
Bladder	16.7	Corpus uteri	13.1
Non-Hodgkin lymphoma	14.8	Thyroid	11.0
Kidney	11.3	Non-Hodgkin lymphoma	9.7
Rectum	9.9	Ovary	8.8
Pancreas	7.6	Rectum	6.5
Liver	6.2	Kidney	6.1
All sites	359.5	All sites	267.8



NOTES ON THE DATA: *No official mortality data.

USA, GEORGIA, ATLANTA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	192.2	Breast	88.5
Trachea, bronchus and lung	60.7	Trachea, bronchus and lung	28.7
Colon	28.6	Colon	25.4
Non-Hodgkin lymphoma	15.4	Corpus uteri	12.3
Kidney	13.0	Ovary	8.1
Rectum	11.2	Non-Hodgkin lymphoma	8.0
Pancreas	9.5	Rectum	7.9
Stomach	9.4	Pancreas	7.3
Bladder	9.1	Kidney	7.2
Liver	8.8	Cervix uteri	6.9
All sites	439.8	All sites	265.0



NOTES ON THE DATA: *No official mortality data.

USA, GEORGIA, ATLANTA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	101.6	Breast	88.7
Trachea, bronchus and lung	41.6	Trachea, bronchus and lung	30.8
Melanoma of skin	29.5	Melanoma of skin	21.6
Bladder	19.9	Colon	15.2
Colon	18.8	Corpus uteri	14.2
Non-Hodgkin lymphoma	14.7	Thyroid	14.1
Kidney	11.2	Non-Hodgkin lymphoma	10.7
Rectum	9.6	Ovary	9.4
Pancreas	7.1	Kidney	5.8
Brain, nervous system	6.2	Rectum	5.6
All sites	340.3	All sites	277.6

USA, Georgia, Atlanta (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	29	0.1	0.4	**0.4**	0.01	0.04	6	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	288	1.0	3.5	**3.4**	0.25	0.44	102	0.4	1.2	**1.0**	0.07	0.11	*C01-02*
Mouth	129	0.4	1.6	**1.6**	0.09	0.19	121	0.4	1.4	**1.1**	0.05	0.14	*C03-06*
Salivary glands	85	0.3	1.0	**1.0**	0.05	0.10	78	0.3	0.9	**0.8**	0.06	0.08	*C07-08*
Tonsil	172	0.6	2.1	**2.0**	0.16	0.25	47	0.2	0.6	**0.5**	0.03	0.06	*C09*
Other oropharynx	50	0.2	0.6	**0.6**	0.04	0.09	11	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	64	0.2	0.8	**0.7**	0.05	0.08	23	0.1	0.3	**0.2**	0.02	0.04	*C11*
Hypopharynx	68	0.2	0.8	**0.8**	0.05	0.11	20	0.1	0.2	**0.2**	0.01	0.01	*C12-13*
Pharynx unspecified	24	0.1	0.3	**0.3**	0.02	0.04	8	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	398	1.4	4.9	**4.9**	0.28	0.60	155	0.6	1.9	**1.4**	0.06	0.17	*C15*
Stomach	468	1.6	5.8	**5.6**	0.31	0.66	320	1.2	3.8	**2.9**	0.15	0.34	*C16*
Small intestine	120	0.4	1.5	**1.5**	0.08	0.18	129	0.5	1.5	**1.3**	0.08	0.16	*C17*
Colon	1749	6.0	21.5	**21.1**	1.06	2.48	1989	7.2	23.8	**18.2**	0.94	2.15	*C18*
Rectum	836	2.9	10.3	**9.9**	0.59	1.24	674	2.4	8.1	**6.5**	0.41	0.77	*C19-20*
Anus	117	0.4	1.4	**1.2**	0.09	0.13	128	0.5	1.5	**1.2**	0.08	0.16	*C21*
Liver	533	1.8	6.6	**6.2**	0.42	0.74	197	0.7	2.4	**1.9**	0.09	0.23	*C22*
Gallbladder etc.	123	0.4	1.5	**1.5**	0.07	0.14	158	0.6	1.9	**1.4**	0.07	0.17	*C23-24*
Pancreas	613	2.1	7.5	**7.6**	0.34	0.96	613	2.2	7.3	**5.5**	0.23	0.63	*C25*
Nose, sinuses etc.	53	0.2	0.7	**0.6**	0.04	0.07	32	0.1	0.4	**0.3**	0.02	0.04	*C30-31*
Larynx	379	1.3	4.7	**4.6**	0.28	0.57	91	0.3	1.1	**0.9**	0.05	0.11	*C32*
Trachea, bronchus and lung	3655	12.6	44.9	**45.8**	2.00	5.63	3095	11.1	37.0	**29.6**	1.37	3.68	*C33-34*
Other thoracic organs	46	0.2	0.6	**0.6**	0.04	0.06	21	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	60	0.2	0.7	**0.8**	0.05	0.08	68	0.2	0.8	**0.8**	0.06	0.06	*C40-41*
Melanoma of skin	1761	6.1	21.6	**20.3**	1.28	2.28	1367	4.9	16.3	**13.2**	0.93	1.39	*C43*
Other skin	105		1.3	**1.2**	0.07	0.12	94		1.1	**0.9**	0.06	0.09	*C44*
Mesothelioma	44	0.2	0.5	**0.5**	0.02	0.05	17	0.1	0.2	**0.1**	0.01	0.02	*C45*
Kaposi sarcoma	237	0.8	2.9	**2.2**	0.17	0.18	6	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	248	0.9	3.0	**2.9**	0.16	0.27	226	0.8	2.7	**2.5**	0.16	0.24	*C47+C49*
Breast	72	0.2	0.9	**0.9**	0.05	0.09	9054	32.6	108.2	**87.2**	6.16	10.05	*C50*
Vulva							150	0.5	1.8	**1.4**	0.10	0.15	*C51*
Vagina							63	0.2	0.8	**0.6**	0.04	0.07	*C52*
Cervix uteri							621	2.2	7.4	**5.9**	0.44	0.60	*C53*
Corpus uteri							1313	4.7	15.7	**13.1**	0.89	1.61	*C54*
Uterus unspecified							52	0.2	0.6	**0.5**	0.03	0.06	*C55*
Ovary							904	3.3	10.8	**8.8**	0.59	1.04	*C56*
Other female genital organs							51	0.2	0.6	**0.5**	0.04	0.06	*C57*
Placenta							6	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	27	0.1	0.3	**0.3**	0.02	0.04							*C60*
Prostate	9577	32.9	117.7	**123.3**	6.83	16.75							*C61*
Testis	326	1.1	4.0	**3.4**	0.25	0.26							*C62*
Other male genital organs	10	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	932	3.2	11.5	**11.3**	0.69	1.39	620	2.2	7.4	**6.1**	0.38	0.70	*C64*
Renal pelvis	33	0.1	0.4	**0.4**	0.01	0.04	20	0.1	0.2	**0.2**	0.01	0.02	*C65*
Ureter	24	0.1	0.3	**0.3**	0.01	0.04	8	0.0	0.1	**0.1**	0.00	0.00	*C66*
Bladder	1336	4.6	16.4	**16.7**	0.62	1.96	488	1.8	5.8	**4.4**	0.16	0.54	*C67*
Other urinary organs	12	0.0	0.1	**0.2**	0.00	0.02	9	0.0	0.1	**0.1**	0.00	0.00	*C68*
Eye	58	0.2	0.7	**0.8**	0.04	0.08	41	0.1	0.5	**0.5**	0.03	0.04	*C69*
Brain, nervous system	428	1.5	5.3	**5.2**	0.35	0.53	375	1.3	4.5	**4.1**	0.23	0.39	*C70-72*
Thyroid	326	1.1	4.0	**3.7**	0.26	0.43	1129	4.1	13.5	**11.0**	0.85	1.09	*C73*
Adrenal gland	22	0.1	0.3	**0.3**	0.02	0.02	24	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	13	0.0	0.2	**0.2**	0.01	0.01	5	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	215	0.7	2.6	**2.4**	0.17	0.21	204	0.7	2.4	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	1282	4.4	15.8	**14.8**	0.86	1.60	1039	3.7	12.4	**9.7**	0.56	1.06	*C82-85,C96*
Immunoproliferative diseases	15	0.1	0.2	**0.2**	0.01	0.02	13	0.0	0.2	**0.1**	0.01	0.02	*C88*
Multiple myeloma	400	1.4	4.9	**4.9**	0.25	0.61	354	1.3	4.2	**3.3**	0.18	0.41	*C90*
Lymphoid leukaemia	454	1.6	5.6	**5.8**	0.29	0.53	327	1.2	3.9	**3.4**	0.17	0.32	*C91*
Myeloid leukaemia	350	1.2	4.3	**4.2**	0.23	0.44	281	1.0	3.4	**2.8**	0.16	0.28	*C92-94*
Leukaemia unspecified	31	0.1	0.4	**0.4**	0.01	0.03	25	0.1	0.3	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	139	0.5	1.7	**1.7**	0.08	0.20	147	0.5	1.8	**1.4**	0.07	0.17	*MPD*
Myelodysplastic syndromes	164	0.6	2.0	**2.0**	0.05	0.22	148	0.5	1.8	**1.2**	0.04	0.10	*MDS*
Other and unspecified	503	1.7	6.2	**6.2**	0.26	0.72	606	2.2	7.2	**5.4**	0.24	0.61	*O&U*
All sites	29203		359.0	**359.5**	19.46	44.04	27873		333.0	**267.8**	16.59	30.54	*C00-96*
All sites except C44	29098	100.0	357.7	**358.3**	19.39	43.92	27779	100.0	331.9	**266.8**	16.53	30.44	*C00-96 exc. C44*

*USA, Georgia, Atlanta: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	62	0.7	2.1	**2.7**	0.16	0.35	20	0.2	0.6	**0.6**	0.03	0.07	*C01-02*
Mouth	37	0.4	1.3	**1.6**	0.09	0.18	41	0.5	1.2	**1.2**	0.08	0.13	*C03-06*
Salivary glands	19	0.2	0.6	**0.7**	0.04	0.06	32	0.4	1.0	**0.9**	0.06	0.09	*C07-08*
Tonsil	44	0.5	1.5	**1.8**	0.13	0.24	13	0.1	0.4	**0.4**	0.03	0.05	*C09*
Other oropharynx	23	0.2	0.8	**1.1**	0.07	0.17	7	0.1	0.2	**0.2**	0.02	0.02	*C10*
Nasopharynx	32	0.3	1.1	**1.1**	0.08	0.12	7	0.1	0.2	**0.2**	0.01	0.04	*C11*
Hypopharynx	37	0.4	1.3	**1.8**	0.12	0.25	9	0.1	0.3	**0.2**	0.01	0.01	*C12-13*
Pharynx unspecified	11	0.1	0.4	**0.5**	0.03	0.07	3	0.0	0.1	**0.1**	0.00	0.02	*C14*
Oesophagus	129	1.4	4.4	**6.1**	0.36	0.77	69	0.8	2.1	**2.2**	0.12	0.26	*C15*
Stomach	196	2.1	6.7	**9.4**	0.48	1.07	159	1.8	4.8	**4.6**	0.23	0.50	*C16*
Small intestine	41	0.4	1.4	**1.9**	0.11	0.23	42	0.5	1.3	**1.4**	0.08	0.17	*C17*
Colon	622	6.6	21.3	**28.6**	1.53	3.34	824	9.3	24.8	**25.4**	1.35	3.00	*C18*
Rectum	257	2.7	8.8	**11.2**	0.66	1.38	262	3.0	7.9	**7.9**	0.52	0.95	*C19-20*
Anus	40	0.4	1.4	**1.3**	0.10	0.13	32	0.4	1.0	**1.0**	0.06	0.12	*C21*
Liver	223	2.4	7.6	**8.8**	0.70	1.01	66	0.7	2.0	**2.0**	0.10	0.24	*C22*
Gallbladder etc.	34	0.4	1.2	**1.7**	0.09	0.14	58	0.7	1.7	**1.7**	0.08	0.19	*C23-24*
Pancreas	194	2.1	6.6	**9.5**	0.43	1.24	229	2.6	6.9	**7.3**	0.31	0.85	*C25*
Nose, sinuses etc.	16	0.2	0.5	**0.6**	0.05	0.08	15	0.2	0.5	**0.4**	0.03	0.04	*C30-31*
Larynx	150	1.6	5.1	**6.7**	0.42	0.83	26	0.3	0.8	**0.9**	0.05	0.11	*C32*
Trachea, bronchus and lung	1238	13.1	42.3	**60.7**	2.99	7.65	886	10.0	26.6	**28.7**	1.53	3.57	*C33-34*
Other thoracic organs	13	0.1	0.4	**0.5**	0.03	0.06	9	0.1	0.3	**0.3**	0.02	0.03	*C37-38*
Bone	21	0.2	0.7	**0.8**	0.04	0.08	28	0.3	0.8	**0.8**	0.06	0.06	*C40-41*
Melanoma of skin	17	0.2	0.6	**0.8**	0.02	0.10	24	0.3	0.7	**0.7**	0.02	0.08	*C43*
Other skin	33		1.1	**1.1**	0.08	0.11	46		1.4	**1.2**	0.08	0.10	*C44*
Mesothelioma	6	0.1	0.2	**0.3**	0.02	0.03	2	0.0	0.1	**0.0**	0.01	0.01	*C45*
Kaposi sarcoma	148	1.6	5.1	**3.9**	0.31	0.31	2	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	76	0.8	2.6	**2.7**	0.17	0.24	94	1.1	2.8	**2.9**	0.18	0.29	*C47+C49*
Breast	21	0.2	0.7	**0.9**	0.07	0.09	3087	34.9	92.8	**88.5**	6.30	10.22	*C50*
Vulva							44	0.5	1.3	**1.3**	0.09	0.13	*C51*
Vagina							31	0.4	0.9	**1.1**	0.05	0.13	*C52*
Cervix uteri							259	2.9	7.8	**6.9**	0.47	0.73	*C53*
Corpus uteri							386	4.4	11.6	**12.3**	0.76	1.56	*C54*
Uterus unspecified							30	0.3	0.9	**1.0**	0.05	0.13	*C55*
Ovary							272	3.1	8.2	**8.1**	0.55	0.93	*C56*
Other female genital organs							18	0.2	0.5	**0.6**	0.04	0.08	*C57*
Placenta							2	0.0	0.1	**0.0**	0.00	0.00	*C58*
Penis	11	0.1	0.4	**0.6**	0.02	0.05							*C60*
Prostate	3899	41.2	133.3	**192.2**	10.81	26.00							*C61*
Testis	34	0.4	1.2	**1.1**	0.07	0.08							*C62*
Other male genital organs	4	0.0	0.1	**0.2**	0.01	0.02							*C63*
Kidney	303	3.2	10.4	**13.0**	0.81	1.60	236	2.7	7.1	**7.2**	0.41	0.85	*C64*
Renal pelvis	5	0.1	0.2	**0.3**	0.01	0.04	3	0.0	0.1	**0.1**	0.00	0.02	*C65*
Ureter	1	0.0	0.0	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	184	1.9	6.3	**9.1**	0.36	1.13	112	1.3	3.4	**3.6**	0.10	0.41	*C67*
Other urinary organs	4	0.0	0.1	**0.2**	0.00	0.04	4	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	9	0.1	0.3	**0.4**	0.02	0.02	13	0.1	0.4	**0.5**	0.03	0.03	*C69*
Brain, nervous system	92	1.0	3.1	**3.5**	0.22	0.30	102	1.2	3.1	**3.1**	0.16	0.25	*C70-72*
Thyroid	44	0.5	1.5	**1.7**	0.10	0.22	245	2.8	7.4	**6.4**	0.47	0.64	*C73*
Adrenal gland	12	0.1	0.4	**0.5**	0.03	0.03	10	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	5	0.1	0.2	**0.2**	0.01	0.01	5	0.1	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	78	0.8	2.7	**2.4**	0.18	0.22	86	1.0	2.6	**2.2**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	404	4.3	13.8	**15.4**	1.00	1.67	275	3.1	8.3	**8.0**	0.53	0.87	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.1	**0.1**	0.00	0.00	3	0.0	0.1	**0.1**	0.01	0.02	*C88*
Multiple myeloma	186	2.0	6.4	**8.5**	0.46	1.11	182	2.1	5.5	**5.7**	0.31	0.69	*C90*
Lymphoid leukaemia	114	1.2	3.9	**5.3**	0.29	0.49	73	0.8	2.2	**2.4**	0.10	0.22	*C91*
Myeloid leukaemia	97	1.0	3.3	**4.0**	0.24	0.45	93	1.1	2.8	**2.8**	0.17	0.25	*C92-94*
Leukaemia unspecified	9	0.1	0.3	**0.4**	0.01	0.04	5	0.1	0.2	**0.2**	0.00	0.03	*C95*
Myeloproliferative disorders	40	0.4	1.4	**1.7**	0.10	0.20	55	0.6	1.7	**1.7**	0.09	0.22	*MPD*
Myelodysplastic syndromes	33	0.3	1.1	**1.8**	0.07	0.20	36	0.4	1.1	**1.0**	0.03	0.09	*MDS*
Other and unspecified	177	1.9	6.1	**8.5**	0.39	0.98	208	2.4	6.3	**6.4**	0.26	0.70	*O&U*
All sites	9488		324.5	**439.8**	24.59	55.26	8880		267.0	**265.0**	16.23	30.44	*C00-96*
All sites except C44	9455	100.0	323.4	**438.7**	24.51	55.15	8834	100.0	265.6	**263.8**	16.15	30.34	*C00-96 exc. C44*

*See note following population pyramid

*USA, Georgia, Atlanta: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	27	0.1	0.6	**0.5**	0.02	0.06	6	0.0	0.1	**0.1**	0.00	0.02	*C00*
Tongue	217	1.2	4.6	**3.9**	0.30	0.50	76	0.4	1.7	**1.1**	0.08	0.13	*C01-02*
Mouth	82	0.4	1.7	**1.5**	0.09	0.19	76	0.4	1.7	**1.1**	0.04	0.14	*C03-06*
Salivary glands	65	0.3	1.4	**1.1**	0.05	0.12	43	0.2	0.9	**0.7**	0.05	0.07	*C07-08*
Tonsil	126	0.7	2.7	**2.2**	0.18	0.28	32	0.2	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	25	0.1	0.5	**0.5**	0.03	0.07	4	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	22	0.1	0.5	**0.4**	0.02	0.05	7	0.0	0.2	**0.1**	0.01	0.02	*C11*
Hypopharynx	30	0.2	0.6	**0.5**	0.03	0.07	10	0.1	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	13	0.1	0.3	**0.2**	0.01	0.02	5	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	259	1.4	5.5	**4.6**	0.26	0.55	83	0.5	1.8	**1.1**	0.04	0.13	*C15*
Stomach	230	1.2	4.9	**4.0**	0.22	0.48	134	0.7	2.9	**1.9**	0.10	0.22	*C16*
Small intestine	77	0.4	1.6	**1.4**	0.08	0.16	83	0.5	1.8	**1.3**	0.08	0.16	*C17*
Colon	1074	5.7	22.8	**18.8**	0.90	2.21	1119	6.2	24.5	**15.2**	0.74	1.77	*C18*
Rectum	544	2.9	11.5	**9.6**	0.57	1.21	378	2.1	8.3	**5.6**	0.36	0.66	*C19-20*
Anus	75	0.4	1.6	**1.3**	0.09	0.13	96	0.5	2.1	**1.5**	0.10	0.20	*C21*
Liver	255	1.4	5.4	**4.5**	0.28	0.53	114	0.6	2.5	**1.6**	0.08	0.20	*C22*
Gallbladder etc.	87	0.5	1.8	**1.5**	0.07	0.14	97	0.5	2.1	**1.3**	0.06	0.16	*C23-24*
Pancreas	397	2.1	8.4	**7.1**	0.31	0.87	376	2.1	8.2	**4.9**	0.21	0.56	*C25*
Nose, sinuses etc.	32	0.2	0.7	**0.5**	0.03	0.06	16	0.1	0.4	**0.3**	0.01	0.03	*C30-31*
Larynx	222	1.2	4.7	**3.9**	0.22	0.49	63	0.3	1.4	**1.0**	0.05	0.12	*C32*
Trachea, bronchus and lung	2340	12.4	49.6	**41.6**	1.65	5.07	2164	12.0	47.5	**30.8**	1.35	3.88	*C33-34*
Other thoracic organs	31	0.2	0.7	**0.6**	0.04	0.07	11	0.1	0.2	**0.2**	0.01	0.02	*C37-38*
Bone	34	0.2	0.7	**0.8**	0.05	0.07	38	0.2	0.8	**0.8**	0.06	0.06	*C40-41*
Melanoma of skin	1704	9.0	36.1	**29.5**	1.93	3.31	1303	7.2	28.6	**21.6**	1.57	2.22	*C43*
Other skin	64		1.4	**1.1**	0.05	0.11	47		1.0	**0.7**	0.04	0.08	*C44*
Mesothelioma	37	0.2	0.8	**0.6**	0.02	0.06	15	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	85	0.5	1.8	**1.3**	0.10	0.11	4	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	164	0.9	3.5	**3.0**	0.16	0.29	122	0.7	2.7	**2.2**	0.15	0.22	*C47+C49*
Breast	50	0.3	1.1	**0.9**	0.04	0.09	5695	31.5	124.9	**88.7**	6.25	10.26	*C50*
Vulva							97	0.5	2.1	**1.5**	0.11	0.16	*C51*
Vagina							31	0.2	0.7	**0.4**	0.03	0.04	*C52*
Cervix uteri							327	1.8	7.2	**5.5**	0.42	0.54	*C53*
Corpus uteri							896	5.0	19.7	**14.2**	1.01	1.73	*C54*
Uterus unspecified							21	0.1	0.5	**0.3**	0.02	0.03	*C55*
Ovary							602	3.3	13.2	**9.4**	0.62	1.11	*C56*
Other female genital organs							30	0.2	0.7	**0.5**	0.04	0.05	*C57*
Placenta							4	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	15	0.1	0.3	**0.3**	0.02	0.04							*C60*
Prostate	5444	28.9	115.4	**101.6**	5.49	13.84							*C61*
Testis	285	1.5	6.0	**5.1**	0.38	0.39							*C62*
Other male genital organs	6	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	617	3.3	13.1	**11.2**	0.68	1.38	373	2.1	8.2	**5.8**	0.37	0.66	*C64*
Renal pelvis	27	0.1	0.6	**0.4**	0.01	0.05	16	0.1	0.4	**0.2**	0.01	0.03	*C65*
Ureter	22	0.1	0.5	**0.4**	0.01	0.04	8	0.0	0.2	**0.1**	0.00	0.00	*C66*
Bladder	1126	6.0	23.9	**19.9**	0.77	2.35	366	2.0	8.0	**5.0**	0.21	0.62	*C67*
Other urinary organs	8	0.0	0.2	**0.1**	0.00	0.01	5	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	47	0.2	1.0	**0.9**	0.06	0.10	25	0.1	0.5	**0.5**	0.03	0.04	*C69*
Brain, nervous system	328	1.7	7.0	**6.2**	0.43	0.65	254	1.4	5.6	**4.6**	0.27	0.47	*C70-72*
Thyroid	273	1.4	5.8	**4.7**	0.35	0.54	812	4.5	17.8	**14.1**	1.10	1.36	*C73*
Adrenal gland	9	0.0	0.2	**0.3**	0.01	0.01	14	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	7	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	134	0.7	2.8	**2.6**	0.18	0.23	112	0.6	2.5	**2.4**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	848	4.5	18.0	**14.7**	0.83	1.60	743	4.1	16.3	**10.7**	0.59	1.19	*C82-85,C96*
Immunoproliferative diseases	13	0.1	0.3	**0.2**	0.01	0.03	10	0.1	0.2	**0.1**	0.01	0.02	*C88*
Multiple myeloma	210	1.1	4.5	**3.7**	0.18	0.45	166	0.9	3.6	**2.3**	0.12	0.28	*C90*
Lymphoid leukaemia	324	1.7	6.9	**6.2**	0.30	0.57	242	1.3	5.3	**4.2**	0.22	0.39	*C91*
Myeloid leukaemia	240	1.3	5.1	**4.3**	0.24	0.44	175	1.0	3.8	**2.8**	0.17	0.29	*C92-94*
Leukaemia unspecified	21	0.1	0.4	**0.4**	0.02	0.03	19	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	98	0.5	2.1	**1.7**	0.08	0.21	91	0.5	2.0	**1.3**	0.07	0.16	*MPD*
Myelodysplastic syndromes	126	0.7	2.7	**2.1**	0.04	0.24	109	0.6	2.4	**1.2**	0.04	0.11	*MDS*
Other and unspecified	316	1.7	6.7	**5.6**	0.22	0.66	378	2.1	8.3	**5.0**	0.23	0.57	*O&U*
All sites	18912		401.0	**340.3**	18.12	41.24	18143		397.9	**277.6**	17.39	31.50	*C00-96*
All sites except C44	18848	100.0	399.7	**339.2**	18.07	41.12	18096	100.0	396.9	**276.9**	17.35	31.42	*C00-96 exc. C44*

*See note following population pyramid

USA, Idaho

REGISTRATION AREA

The Cancer Data Registry of Idaho (CDRI) covers the state of Idaho. In 2005, the population was estimated at 1.4 million. The majority of Idahoans are non-Hispanic Whites. Hispanics and Native Americans are the two largest minority groups, accounting for 11.5% and 1.7% of the state's population, respectively. Geographically, Idaho is a large state (covering 216 500 km^2). It is the seventh least densely populated state in the USA, with 7.4 inhabitants per km^2.

CANCER CARE FACILITIES

The rural character of Idaho and the severe winters in much of the state create difficulties in access to cancer care. Seven hospitals in Idaho have cancer programmes approved by the American College of Surgeons Commission on Cancer. Nine facilities offer radiotherapy.

REGISTRY STRUCTURE AND METHODS

The CDRI collects incidence and survival data on all cancer patients who reside in Idaho or are diagnosed and/or treated for cancer in Idaho. The CDRI is one of the oldest cancer registries in the USA; it has functioned since 1969 and has been population-based since 1971. Since 1994, the CDRI has enhanced its operations and increased its use of cancer registry data with National Program of Cancer Registries (NPCR) funding administered by the United States Centers for Disease Control and Prevention (CDC). The CDRI is staffed by two registrars certified by the United States National Cancer Registrars Association, an epidemiologist, and a database analyst.

INTERPRETING THE RESULTS

Idaho has among the lowest screening rates in the USA for cancers of the breast, cervix, and colon. The state operates a breast and cervical cancer screening and early detection programme funded through CDC's National Breast and Cervical Cancer Early Detection Program (NBCCEDP). Through this programme, uninsured women with low incomes are generally eligible for cervical cancer screening (for women aged 40–64 years) and breast cancer screening (for women aged 50–64 years). There are no other organized population screening programmes in Idaho; cancer screening is otherwise opportunistic, and the costs may not be fully covered by health insurance programmes.

USE OF THE DATA

CDRI data are used for many purposes, including surveillance of cancer incidence rates, programme planning and evaluation, quality assurance, central registry systems development, responses to requests for information, and public health practice. CDRI data are also used in approved epidemiological and translational studies. Published reports on cancer incidence and mortality are available from the CDRI website (https://www.idcancer.org/).

CONTRIBUTORS

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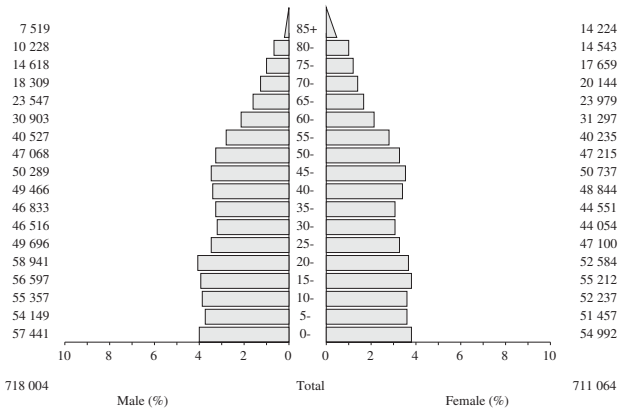
USA, Idaho (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	109.0	Breast	81.8
Trachea, bronchus and lung	40.8	Trachea, bronchus and lung	31.6
Melanoma of skin	20.1	Colon	17.2
Colon	19.8	Thyroid	16.9
Bladder	19.8	Corpus uteri	15.5
Non-Hodgkin lymphoma	14.1	Melanoma of skin	14.8
Kidney	12.1	Non-Hodgkin lymphoma	10.7
Rectum	9.1	Ovary	9.0
Pancreas	8.4	Kidney	6.6
Lymphoid leukaemia	7.0	Pancreas	6.4
All sites	346.2	All sites	278.1

USA, Idaho (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	99	0.6	2.8	**1.9**	0.12	0.21	23	0.2	0.6	**0.4**	0.02	0.05	*C00*
Tongue	144	0.8	4.0	**3.0**	0.23	0.36	56	0.4	1.6	**1.0**	0.06	0.12	*C01-02*
Mouth	73	0.4	2.0	**1.5**	0.11	0.20	58	0.4	1.6	**1.0**	0.05	0.11	*C03-06*
Salivary glands	56	0.3	1.6	**1.1**	0.06	0.13	38	0.3	1.1	**0.8**	0.05	0.08	*C07-08*
Tonsil	101	0.6	2.8	**2.2**	0.19	0.26	21	0.1	0.6	**0.4**	0.02	0.05	*C09*
Other oropharynx	13	0.1	0.4	**0.3**	0.01	0.05	4	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	24	0.1	0.7	**0.6**	0.04	0.06	3	0.0	0.1	**0.1**	0.00	0.01	*C11*
Hypopharynx	23	0.1	0.6	**0.5**	0.03	0.06	5	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	18	0.1	0.5	**0.3**	0.02	0.04	3	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	279	1.6	7.8	**5.7**	0.31	0.71	58	0.4	1.6	**1.0**	0.06	0.12	*C15*
Stomach	243	1.4	6.8	**4.8**	0.21	0.62	111	0.8	3.1	**1.9**	0.09	0.20	*C16*
Small intestine	82	0.5	2.3	**1.7**	0.11	0.22	65	0.4	1.8	**1.2**	0.08	0.13	*C17*
Colon	1045	6.1	29.1	**19.8**	0.84	2.36	1068	7.3	30.0	**17.2**	0.75	1.99	*C18*
Rectum	445	2.6	12.4	**9.1**	0.51	1.09	328	2.2	9.2	**6.1**	0.38	0.70	*C19-20*
Anus	31	0.2	0.9	**0.7**	0.04	0.08	65	0.4	1.8	**1.3**	0.09	0.17	*C21*
Liver	201	1.2	5.6	**4.2**	0.26	0.51	91	0.6	2.6	**1.7**	0.08	0.20	*C22*
Gallbladder etc.	65	0.4	1.8	**1.2**	0.06	0.14	81	0.6	2.3	**1.3**	0.06	0.14	*C23-24*
Pancreas	426	2.5	11.9	**8.4**	0.43	1.02	404	2.8	11.4	**6.4**	0.29	0.76	*C25*
Nose, sinuses etc.	31	0.2	0.9	**0.7**	0.04	0.08	19	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	169	1.0	4.7	**3.5**	0.19	0.45	45	0.3	1.3	**0.9**	0.05	0.12	*C32*
Trachea, bronchus and lung	2130	12.5	59.3	**40.8**	1.59	5.04	1787	12.2	50.3	**31.6**	1.40	4.12	*C33-34*
Other thoracic organs	12	0.1	0.3	**0.3**	0.02	0.03	15	0.1	0.4	**0.4**	0.02	0.04	*C37-38*
Bone	58	0.3	1.6	**1.5**	0.10	0.13	39	0.3	1.1	**1.0**	0.06	0.07	*C40-41*
Melanoma of skin	950	5.6	26.5	**20.1**	1.22	2.27	686	4.7	19.3	**14.8**	1.07	1.47	*C43*
Other skin	43		1.2	**0.8**	0.04	0.07	28		0.8	**0.6**	0.03	0.05	*C44*
Mesothelioma	55	0.3	1.5	**1.0**	0.03	0.13	14	0.1	0.4	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	111	0.7	3.1	**2.5**	0.15	0.24	76	0.5	2.1	**1.7**	0.09	0.17	*C47+C49*
Breast	52	0.3	1.4	**1.0**	0.05	0.11	4136	28.3	116.3	**81.8**	5.51	9.70	*C50*
Vulva							87	0.6	2.4	**1.4**	0.08	0.13	*C51*
Vagina							28	0.2	0.8	**0.5**	0.02	0.08	*C52*
Cervix uteri							223	1.5	6.3	**5.2**	0.41	0.50	*C53*
Corpus uteri							780	5.3	21.9	**15.5**	1.07	1.90	*C54*
Uterus unspecified							12	0.1	0.3	**0.2**	0.01	0.03	*C55*
Ovary							474	3.2	13.3	**9.0**	0.54	1.04	*C56*
Other female genital organs							21	0.1	0.6	**0.4**	0.03	0.06	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	22	0.1	0.6	**0.4**	0.03	0.06							*C60*
Prostate	5378	31.5	149.8	**109.0**	5.24	14.51							*C61*
Testis	227	1.3	6.3	**6.0**	0.45	0.47							*C62*
Other male genital organs	6	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	568	3.3	15.8	**12.1**	0.73	1.46	337	2.3	9.5	**6.6**	0.37	0.80	*C64*
Renal pelvis	18	0.1	0.5	**0.3**	0.02	0.03	20	0.1	0.6	**0.3**	0.01	0.03	*C65*
Ureter	17	0.1	0.5	**0.3**	0.01	0.02	12	0.1	0.3	**0.1**	0.00	0.00	*C66*
Bladder	1076	6.3	30.0	**19.8**	0.77	2.28	329	2.3	9.3	**5.0**	0.22	0.55	*C67*
Other urinary organs	13	0.1	0.4	**0.2**	0.01	0.03	5	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	39	0.2	1.1	**1.0**	0.07	0.11	22	0.2	0.6	**0.5**	0.04	0.05	*C69*
Brain, nervous system	283	1.7	7.9	**6.9**	0.47	0.70	256	1.8	7.2	**6.0**	0.35	0.55	*C70-72*
Thyroid	191	1.1	5.3	**4.4**	0.34	0.46	701	4.8	19.7	**16.9**	1.30	1.61	*C73*
Adrenal gland	11	0.1	0.3	**0.4**	0.02	0.03	4	0.0	0.1	**0.1**	0.00	0.01	*C74*
Other endocrine	4	0.0	0.1	**0.1**	0.01	0.01	4	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	90	0.5	2.5	**2.4**	0.15	0.22	100	0.7	2.8	**2.7**	0.17	0.23	*C81*
Non-Hodgkin lymphoma	698	4.1	19.4	**14.1**	0.73	1.57	625	4.3	17.6	**10.7**	0.56	1.23	*C82-85,C96*
Immunoproliferative diseases	23	0.1	0.6	**0.4**	0.02	0.05	8	0.1	0.2	**0.2**	0.01	0.02	*C88*
Multiple myeloma	230	1.3	6.4	**4.5**	0.21	0.55	144	1.0	4.1	**2.5**	0.11	0.32	*C90*
Lymphoid leukaemia	323	1.9	9.0	**7.0**	0.35	0.68	205	1.4	5.8	**4.2**	0.18	0.42	*C91*
Myeloid leukaemia	231	1.4	6.4	**4.7**	0.22	0.46	193	1.3	5.4	**3.7**	0.23	0.35	*C92-94*
Leukaemia unspecified	25	0.1	0.7	**0.4**	0.01	0.03	21	0.1	0.6	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	132	0.8	3.7	**2.7**	0.15	0.32	158	1.1	4.4	**2.7**	0.13	0.29	*MPD*
Myelodysplastic syndromes	173	1.0	4.8	**3.0**	0.06	0.34	133	0.9	3.7	**1.9**	0.06	0.21	*MDS*
Other and unspecified	345	2.0	9.6	**6.5**	0.28	0.72	389	2.7	10.9	**5.9**	0.26	0.61	*O&U*
All sites	17103		476.4	**346.2**	17.37	41.77	14619		411.2	**278.1**	16.56	31.69	*C00-96*
All sites except C44	17060	100.0	475.2	**345.4**	17.33	41.70	14591	100.0	410.4	**277.5**	16.53	31.64	*C00-96 exc. C44*

USA, Illinois

REGISTRATION AREA

The Illinois State Cancer Registry covers the population of the state of Illinois in the USA, which in 2010 was estimated at 12.8 million. At the time of this estimate, the population was 79% White, 15.3% Black, and 5.7% Asian or of other races; 15.9% of the population was Hispanic and 84.1% non-Hispanic. The state has both highly urban centres and rural areas.

CANCER CARE FACILITIES

Illinois has 186 hospitals, 96 ambulatory surgical centres, 36 radiation treatment facilities, five Veterans Affairs facilities, and eight laboratories reporting cancer cases to the central registry. Physicians are also required to report any cancer cases diagnosed or treated in their offices.

REGISTRY STRUCTURE AND METHODS

The Illinois State Cancer Registry is housed in the Illinois Department of Public Health's Division of Epidemiologic Studies, within the Office of Policy, Planning and Statistics. It is the only source of population-based cancer incidence data for the state of Illinois. Incidence data are currently available for more than 1.4 million invasive cancer cases diagnosed among Illinois residents in 1986–2010. The Illinois State Cancer Registry has achieved North American Association of Central Cancer Registries (NAACCR) Gold Certification for 15 consecutive years.

INTERPRETING THE RESULTS

Differences in registry database completeness and data quality influence cancer incidence rates. Because the data for years before 1994 are less than 95% complete, some rates for those years, particularly the rates for all sites combined, underestimate the true rates for the Illinois population. Illinois has a breast and cervical cancer screening programme intended for women who could not otherwise afford those screenings. Most residents receive screening for cancers through their physician, with the majority of the cost covered by their insurance.

USE OF THE DATA

It is a core mission of the Illinois State Cancer Registry to promote high-quality research, to provide better information for cancer control, and to address public concerns and questions about cancer. The Illinois State Cancer Registry annually publishes a public-use dataset (along with state and county reports), responds to hundreds of requests for cancer information, and provides data for various research studies and cancer control programmes.

CONTRIBUTORS

Lori Koch
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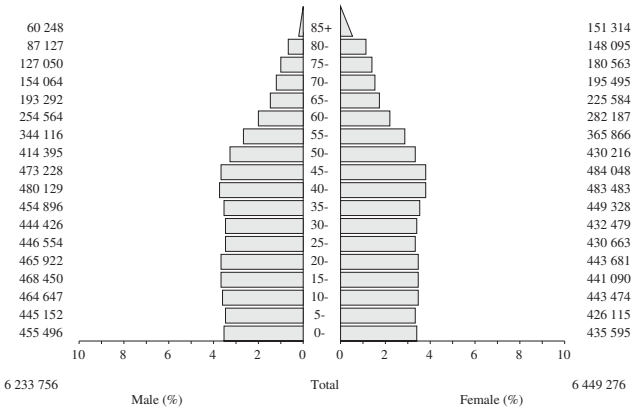
USA, Illinois (2003-2007)
Average annual person-years by sex and age group

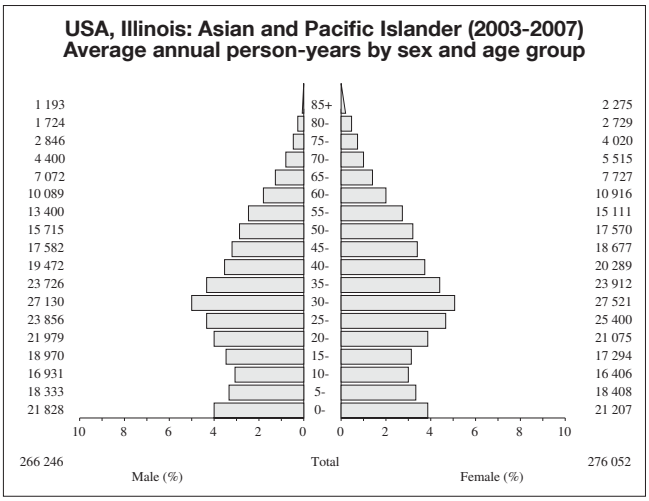


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

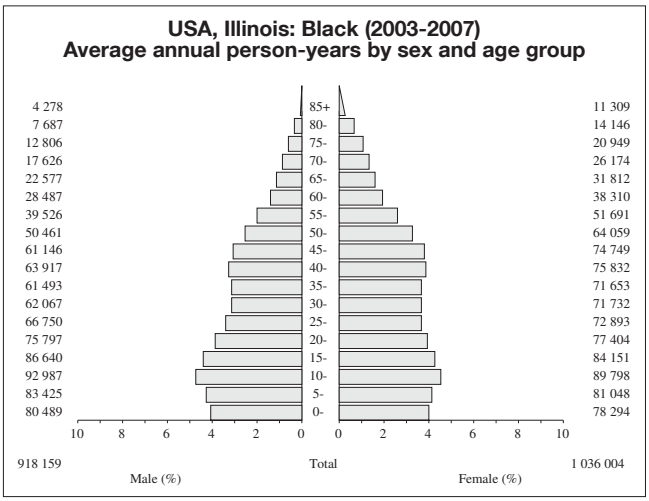
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	107.1	Breast	86.8
Trachea, bronchus and lung	56.4	Trachea, bronchus and lung	38.7
Colon	27.0	Colon	20.9
Bladder	22.6	Corpus uteri	19.2
Non-Hodgkin lymphoma	15.9	Thyroid	12.8
Kidney	14.3	Non-Hodgkin lymphoma	10.6
Melanoma of skin	12.7	Melanoma of skin	9.7
Rectum	12.6	Ovary	9.4
Pancreas	9.1	Kidney	7.7
Stomach	6.5	Rectum	7.5
All sites	375.5	All sites	295.1



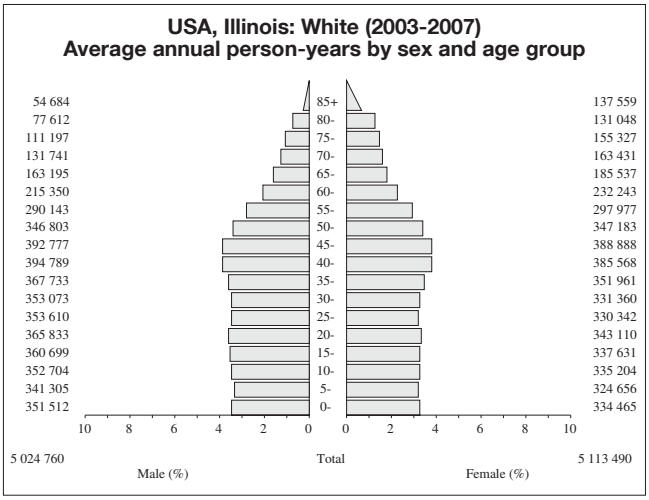
USA, ILLINOIS: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	30.7	Breast	46.5
Trachea, bronchus and lung	21.3	Trachea, bronchus and lung	11.4
Colon	12.4	Colon	11.2
Liver	9.4	Thyroid	9.8
Rectum	8.8	Corpus uteri	8.4
Stomach	7.3	Stomach	5.8
Non-Hodgkin lymphoma	6.0	Rectum	5.7
Bladder	4.8	Ovary	5.3
Pancreas	4.6	Non-Hodgkin lymphoma	5.0
Kidney	4.3	Other and unspecified	3.4
All sites	140.4	All sites	144.7



USA, ILLINOIS: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	164.8	Breast	85.0
Trachea, bronchus and lung	78.6	Trachea, bronchus and lung	43.4
Colon	37.0	Colon	28.9
Kidney	17.1	Corpus uteri	15.5
Rectum	13.5	Cervix uteri	10.3
Pancreas	12.7	Pancreas	9.3
Non-Hodgkin lymphoma	12.1	Kidney	8.5
Stomach	11.5	Rectum	8.0
Bladder	11.4	Non-Hodgkin lymphoma	7.9
Liver	9.7	Other and unspecified	6.9
All sites	459.6	All sites	293.1



USA, ILLINOIS: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	98.4	Breast	87.5
Trachea, bronchus and lung	54.6	Trachea, bronchus and lung	38.9
Colon	25.9	Corpus uteri	19.8
Bladder	24.0	Colon	19.6
Non-Hodgkin lymphoma	16.4	Thyroid	13.8
Kidney	14.1	Non-Hodgkin lymphoma	11.1
Melanoma of skin	13.9	Melanoma of skin	10.8
Rectum	12.4	Ovary	9.9
Pancreas	8.7	Kidney	7.8
Brain, nervous system	6.5	Rectum	7.4
All sites	364.5	All sites	296.8

USA, Illinois (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	277	0.2	0.9	**0.6**	0.03	0.07	87	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	1342	0.9	4.3	**3.4**	0.25	0.40	600	0.4	1.9	**1.2**	0.08	0.14	*C01-02*
Mouth	892	0.6	2.9	**2.2**	0.15	0.28	603	0.4	1.9	**1.1**	0.07	0.13	*C03-06*
Salivary glands	405	0.3	1.3	**0.9**	0.05	0.10	321	0.2	1.0	**0.7**	0.04	0.07	*C07-08*
Tonsil	807	0.5	2.6	**2.0**	0.17	0.23	209	0.1	0.6	**0.5**	0.04	0.06	*C09*
Other oropharynx	283	0.2	0.9	**0.7**	0.05	0.09	85	0.1	0.3	**0.2**	0.01	0.03	*C10*
Nasopharynx	259	0.2	0.8	**0.6**	0.05	0.07	105	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	438	0.3	1.4	**1.1**	0.08	0.14	106	0.1	0.3	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	102	0.1	0.3	**0.2**	0.01	0.03	29	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	2646	1.7	8.5	**6.3**	0.35	0.78	781	0.5	2.4	**1.4**	0.07	0.17	*C15*
Stomach	2876	1.8	9.2	**6.5**	0.32	0.75	1902	1.3	5.9	**3.2**	0.16	0.35	*C16*
Small intestine	715	0.5	2.3	**1.7**	0.10	0.21	623	0.4	1.9	**1.2**	0.07	0.14	*C17*
Colon	11960	7.6	38.4	**27.0**	1.21	3.16	12887	8.6	40.0	**20.9**	0.97	2.39	*C18*
Rectum	5352	3.4	17.2	**12.6**	0.71	1.52	4097	2.7	12.7	**7.5**	0.45	0.86	*C19-20*
Anus	421	0.3	1.4	**1.0**	0.07	0.11	579	0.4	1.8	**1.2**	0.08	0.14	*C21*
Liver	2567	1.6	8.2	**6.2**	0.38	0.74	1129	0.8	3.5	**2.0**	0.10	0.23	*C22*
Gallbladder etc.	831	0.5	2.7	**1.8**	0.07	0.21	1143	0.8	3.5	**1.8**	0.09	0.21	*C23-24*
Pancreas	3975	2.5	12.8	**9.1**	0.45	1.09	4076	2.7	12.6	**6.5**	0.28	0.76	*C25*
Nose, sinuses etc.	249	0.2	0.8	**0.6**	0.04	0.07	177	0.1	0.5	**0.4**	0.02	0.04	*C30-31*
Larynx	2198	1.4	7.1	**5.3**	0.34	0.66	550	0.4	1.7	**1.2**	0.07	0.15	*C32*
Trachea, bronchus and lung	24475	15.6	78.5	**56.4**	2.52	7.09	20931	14.0	64.9	**38.7**	1.88	5.03	*C33-34*
Other thoracic organs	180	0.1	0.6	**0.5**	0.03	0.05	123	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	357	0.2	1.1	**1.1**	0.07	0.09	276	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	5275	3.4	16.9	**12.7**	0.76	1.41	4261	2.8	13.2	**9.7**	0.70	0.96	*C43*
Other skin	437		1.4	**1.0**	0.06	0.10	440		1.4	**0.9**	0.05	0.09	*C44*
Mesothelioma	582	0.4	1.9	**1.2**	0.04	0.14	187	0.1	0.6	**0.3**	0.01	0.04	*C45*
Kaposi sarcoma	207	0.1	0.7	**0.5**	0.04	0.05	19	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	1106	0.7	3.5	**2.8**	0.16	0.28	976	0.7	3.0	**2.3**	0.14	0.22	*C47+C49*
Breast	327	0.2	1.0	**0.7**	0.04	0.08	41584	27.8	129.0	**86.8**	6.16	9.99	*C50*
Vulva							857	0.6	2.7	**1.5**	0.09	0.16	*C51*
Vagina							252	0.2	0.8	**0.5**	0.03	0.05	*C52*
Cervix uteri							2912	1.9	9.0	**6.9**	0.53	0.69	*C53*
Corpus uteri							8997	6.0	27.9	**19.2**	1.38	2.36	*C54*
Uterus unspecified							198	0.1	0.6	**0.3**	0.02	0.04	*C55*
Ovary							4670	3.1	14.5	**9.4**	0.62	1.05	*C56*
Other female genital organs							216	0.1	0.7	**0.4**	0.03	0.06	*C57*
Placenta							25	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	223	0.1	0.7	**0.5**	0.03	0.06							*C60*
Prostate	43663	27.8	140.1	**107.1**	5.49	14.53							*C61*
Testis	1644	1.0	5.3	**4.9**	0.36	0.37							*C62*
Other male genital organs	52	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	5870	3.7	18.8	**14.3**	0.87	1.71	3804	2.5	11.8	**7.7**	0.47	0.92	*C64*
Renal pelvis	320	0.2	1.0	**0.7**	0.03	0.08	239	0.2	0.7	**0.4**	0.01	0.04	*C65*
Ureter	217	0.1	0.7	**0.5**	0.02	0.05	154	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	10319	6.6	33.1	**22.6**	0.88	2.63	3740	2.5	11.6	**6.2**	0.29	0.74	*C67*
Other urinary organs	96	0.1	0.3	**0.2**	0.01	0.02	59	0.0	0.2	**0.1**	0.01	0.02	*C68*
Eye	287	0.2	0.9	**0.8**	0.04	0.08	270	0.2	0.8	**0.6**	0.03	0.06	*C69*
Brain, nervous system	2221	1.4	7.1	**6.1**	0.37	0.60	1916	1.3	5.9	**4.7**	0.29	0.45	*C70-72*
Thyroid	1570	1.0	5.0	**4.1**	0.30	0.43	5056	3.4	15.7	**12.8**	1.00	1.23	*C73*
Adrenal gland	100	0.1	0.3	**0.4**	0.02	0.02	113	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	56	0.0	0.2	**0.2**	0.01	0.01	42	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	1013	0.6	3.3	**2.9**	0.19	0.25	812	0.5	2.5	**2.3**	0.15	0.19	*C81*
Non-Hodgkin lymphoma	6689	4.3	21.5	**15.9**	0.86	1.75	5820	3.9	18.0	**10.6**	0.58	1.19	*C82-85,C96*
Immunoproliferative diseases	137	0.1	0.4	**0.3**	0.01	0.03	96	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	2026	1.3	6.5	**4.6**	0.22	0.55	1802	1.2	5.6	**3.2**	0.17	0.39	*C90*
Lymphoid leukaemia	2313	1.5	7.4	**6.0**	0.28	0.60	1598	1.1	5.0	**3.5**	0.16	0.31	*C91*
Myeloid leukaemia	2136	1.4	6.9	**5.0**	0.24	0.50	1754	1.2	5.4	**3.4**	0.20	0.35	*C92-94*
Leukaemia unspecified	215	0.1	0.7	**0.4**	0.01	0.03	199	0.1	0.6	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	751	0.5	2.4	**1.7**	0.09	0.19	792	0.5	2.5	**1.4**	0.07	0.15	*MPD*
Myelodysplastic syndromes	1398	0.9	4.5	**2.8**	0.07	0.28	1131	0.8	3.5	**1.7**	0.06	0.19	*MDS*
Other and unspecified	2897	1.8	9.3	**6.4**	0.31	0.69	3714	2.5	11.5	**5.9**	0.27	0.65	*O&U*
All sites	157754		506.1	**375.5**	19.30	45.48	150124		465.6	**295.1**	18.18	33.74	*C00-96*
All sites except C44	157317	100.0	504.7	**374.4**	19.24	45.38	149684	100.0	464.2	**294.2**	18.12	33.66	*C00-96 exc. C44*

USA, Illinois: Asian and Pacific Islander (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	20	1.1	1.5	**1.4**	0.11	0.16	11	0.5	0.8	**0.6**	0.05	0.05	*C01-02*
Mouth	6	0.3	0.5	**0.5**	0.02	0.08	8	0.3	0.6	**0.4**	0.01	0.05	*C03-06*
Salivary glands	5	0.3	0.4	**0.3**	0.02	0.02	6	0.3	0.4	**0.4**	0.02	0.05	*C07-08*
Tonsil	5	0.3	0.4	**0.4**	0.03	0.05	1	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	1	0.1	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	30	1.6	2.3	**1.9**	0.14	0.19	23	1.0	1.7	**1.4**	0.11	0.15	*C11*
Hypopharynx	6	0.3	0.5	**0.4**	0.03	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.1	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	17	0.9	1.3	**1.3**	0.09	0.16	10	0.4	0.7	**0.5**	0.03	0.03	*C15*
Stomach	96	5.1	7.2	**7.3**	0.35	0.86	96	4.0	7.0	**5.8**	0.24	0.69	*C16*
Small intestine	11	0.6	0.8	**0.8**	0.07	0.08	14	0.6	1.0	**0.9**	0.01	0.12	*C17*
Colon	166	8.8	12.5	**12.4**	0.56	1.51	182	7.7	13.2	**11.2**	0.58	1.41	*C18*
Rectum	123	6.5	9.2	**8.8**	0.40	0.97	94	4.0	6.8	**5.7**	0.29	0.68	*C19-20*
Anus	4	0.2	0.3	**0.3**	0.02	0.02	3	0.1	0.2	**0.2**	0.01	0.02	*C21*
Liver	131	6.9	9.8	**9.4**	0.50	1.19	46	1.9	3.3	**2.9**	0.16	0.34	*C22*
Gallbladder etc.	19	1.0	1.4	**1.4**	0.05	0.22	20	0.8	1.4	**1.2**	0.06	0.12	*C23-24*
Pancreas	64	3.4	4.8	**4.6**	0.21	0.48	53	2.2	3.8	**2.9**	0.10	0.27	*C25*
Nose, sinuses etc.	0	0.0	0.0	**0.0**	0.00	0.00	4	0.2	0.3	**0.3**	0.01	0.04	*C30-31*
Larynx	12	0.6	0.9	**0.9**	0.04	0.13	4	0.2	0.3	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	287	15.2	21.6	**21.3**	0.77	2.40	191	8.0	13.8	**11.4**	0.50	1.36	*C33-34*
Other thoracic organs	7	0.4	0.5	**0.5**	0.04	0.06	4	0.2	0.3	**0.3**	0.02	0.04	*C37-38*
Bone	10	0.5	0.8	**0.8**	0.04	0.07	6	0.3	0.4	**0.4**	0.02	0.03	*C40-41*
Melanoma of skin	9	0.5	0.7	**0.6**	0.05	0.06	5	0.2	0.4	**0.2**	0.02	0.02	*C43*
Other skin	12		0.9	**0.9**	0.05	0.07	9		0.7	**0.5**	0.01	0.04	*C44*
Mesothelioma	5	0.3	0.4	**0.4**	0.01	0.03	1	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	4	0.2	0.3	**0.2**	0.01	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	15	0.8	1.1	**1.2**	0.05	0.13	21	0.9	1.5	**1.4**	0.07	0.13	*C47+C49*
Breast	2	0.1	0.2	**0.1**	0.00	0.00	768	32.3	55.6	**46.5**	3.55	5.43	*C50*
Vulva							4	0.2	0.3	**0.2**	0.01	0.01	*C51*
Vagina							7	0.3	0.5	**0.4**	0.01	0.04	*C52*
Cervix uteri							54	2.3	3.9	**3.2**	0.23	0.35	*C53*
Corpus uteri							134	5.6	9.7	**8.4**	0.65	1.02	*C54*
Uterus unspecified							4	0.2	0.3	**0.3**	0.00	0.05	*C55*
Ovary							86	3.6	6.2	**5.3**	0.34	0.62	*C56*
Other female genital organs							5	0.2	0.4	**0.3**	0.03	0.03	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	3	0.2	0.2	**0.2**	0.01	0.04							*C60*
Prostate	398	21.1	29.9	**30.7**	1.14	4.25							*C61*
Testis	14	0.7	1.1	**0.9**	0.06	0.06							*C62*
Other male genital organs	1	0.1	0.1	**0.1**	0.01	0.01							*C63*
Kidney	61	3.2	4.6	**4.3**	0.26	0.44	34	1.4	2.5	**2.2**	0.10	0.31	*C64*
Renal pelvis	2	0.1	0.2	**0.1**	0.00	0.00	3	0.1	0.2	**0.2**	0.01	0.03	*C65*
Ureter	2	0.1	0.2	**0.2**	0.01	0.03	2	0.1	0.1	**0.1**	0.00	0.04	*C66*
Bladder	64	3.4	4.8	**4.8**	0.13	0.49	30	1.3	2.2	**1.7**	0.08	0.17	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	1	0.1	0.1	**0.1**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*C69*
Brain, nervous system	27	1.4	2.0	**1.9**	0.12	0.20	26	1.1	1.9	**1.6**	0.08	0.15	*C70-72*
Thyroid	41	2.2	3.1	**3.0**	0.19	0.38	162	6.8	11.7	**9.8**	0.70	1.03	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	3	0.1	0.2	**0.2**	0.02	0.02	*C74*
Other endocrine	1	0.1	0.1	**0.1**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	12	0.6	0.9	**0.9**	0.04	0.10	9	0.4	0.7	**0.6**	0.04	0.04	*C81*
Non-Hodgkin lymphoma	84	4.5	6.3	**6.0**	0.30	0.62	81	3.4	5.9	**5.0**	0.28	0.59	*C82-85,C96*
Immunoproliferative diseases	2	0.1	0.2	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	14	0.7	1.1	**1.1**	0.03	0.12	19	0.8	1.4	**1.2**	0.03	0.17	*C90*
Lymphoid leukaemia	16	0.8	1.2	**1.3**	0.04	0.09	17	0.7	1.2	**1.6**	0.09	0.12	*C91*
Myeloid leukaemia	18	1.0	1.4	**1.3**	0.06	0.12	33	1.4	2.4	**2.0**	0.12	0.17	*C92-94*
Leukaemia unspecified	2	0.1	0.2	**0.2**	0.01	0.01	2	0.1	0.1	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	16	0.8	1.2	**1.1**	0.07	0.14	10	0.4	0.7	**0.6**	0.02	0.07	*MPD*
Myelodysplastic syndromes	19	1.0	1.4	**1.4**	0.05	0.09	14	0.6	1.0	**0.8**	0.03	0.07	*MDS*
Other and unspecified	33	1.7	2.5	**2.4**	0.12	0.26	62	2.6	4.5	**3.4**	0.15	0.30	*O&U*
All sites	1899		142.6	**140.4**	6.30	16.53	2385		172.8	**144.7**	8.93	16.54	*C00-96*
All sites except C44	1887	100.0	141.7	**139.5**	6.25	16.46	2376	100.0	172.1	**144.2**	8.91	16.50	*C00-96 exc. C44*

USA, Illinois: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	5	0.0	0.1	**0.1**	0.01	0.01	4	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	157	0.7	3.4	**3.4**	0.26	0.42	47	0.2	0.9	**0.7**	0.05	0.08	*C01-02*
Mouth	157	0.7	3.4	**3.5**	0.28	0.42	73	0.4	1.4	**1.2**	0.08	0.13	*C03-06*
Salivary glands	41	0.2	0.9	**0.9**	0.07	0.09	44	0.2	0.8	**0.7**	0.06	0.08	*C07-08*
Tonsil	106	0.5	2.3	**2.2**	0.18	0.24	33	0.2	0.6	**0.6**	0.05	0.07	*C09*
Other oropharynx	62	0.3	1.4	**1.4**	0.11	0.18	16	0.1	0.3	**0.3**	0.02	0.04	*C10*
Nasopharynx	49	0.2	1.1	**1.0**	0.07	0.11	14	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	124	0.6	2.7	**2.8**	0.23	0.35	19	0.1	0.4	**0.3**	0.03	0.03	*C12-13*
Pharynx unspecified	20	0.1	0.4	**0.4**	0.02	0.05	7	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	349	1.7	7.6	**7.6**	0.47	0.95	158	0.8	3.1	**2.4**	0.14	0.32	*C15*
Stomach	544	2.6	11.8	**11.5**	0.61	1.33	386	2.0	7.5	**5.2**	0.25	0.54	*C16*
Small intestine	116	0.6	2.5	**2.5**	0.15	0.30	125	0.6	2.4	**1.8**	0.12	0.20	*C17*
Colon	1728	8.2	37.6	**37.0**	1.90	4.44	2015	10.5	38.9	**28.9**	1.53	3.48	*C18*
Rectum	633	3.0	13.8	**13.5**	0.84	1.64	539	2.8	10.4	**8.0**	0.54	0.94	*C19-20*
Anus	89	0.4	1.9	**1.8**	0.15	0.17	68	0.4	1.3	**1.1**	0.08	0.13	*C21*
Liver	448	2.1	9.8	**9.7**	0.73	1.19	198	1.0	3.8	**2.9**	0.15	0.33	*C22*
Gallbladder etc.	81	0.4	1.8	**1.7**	0.07	0.22	121	0.6	2.3	**1.6**	0.06	0.15	*C23-24*
Pancreas	595	2.8	13.0	**12.7**	0.70	1.51	669	3.5	12.9	**9.3**	0.40	1.12	*C25*
Nose, sinuses etc.	29	0.1	0.6	**0.6**	0.04	0.05	27	0.1	0.5	**0.4**	0.03	0.04	*C30-31*
Larynx	418	2.0	9.1	**9.3**	0.66	1.19	117	0.6	2.3	**1.8**	0.12	0.22	*C32*
Trachea, bronchus and lung	3615	17.2	78.7	**78.6**	4.23	9.86	2917	15.2	56.3	**43.4**	2.38	5.48	*C33-34*
Other thoracic organs	29	0.1	0.6	**0.7**	0.05	0.08	20	0.1	0.4	**0.3**	0.02	0.04	*C37-38*
Bone	44	0.2	1.0	**0.9**	0.06	0.07	37	0.2	0.7	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	26	0.1	0.6	**0.5**	0.03	0.06	52	0.3	1.0	**0.7**	0.04	0.07	*C43*
Other skin	41		0.9	**0.9**	0.07	0.10	60		1.2	**1.0**	0.08	0.10	*C44*
Mesothelioma	21	0.1	0.5	**0.5**	0.02	0.06	13	0.1	0.3	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	78	0.4	1.7	**1.5**	0.12	0.12	4	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	123	0.6	2.7	**2.6**	0.16	0.25	167	0.9	3.2	**2.8**	0.18	0.28	*C47+C49*
Breast	51	0.2	1.1	**1.0**	0.06	0.10	5435	28.2	104.9	**85.0**	6.13	9.75	*C50*
Vulva							83	0.4	1.6	**1.3**	0.10	0.15	*C51*
Vagina							59	0.3	1.1	**0.8**	0.04	0.08	*C52*
Cervix uteri							648	3.4	12.5	**10.3**	0.77	1.04	*C53*
Corpus uteri							977	5.1	18.9	**15.5**	0.96	1.97	*C54*
Uterus unspecified							51	0.3	1.0	**0.8**	0.05	0.09	*C55*
Ovary							452	2.3	8.7	**6.8**	0.42	0.75	*C56*
Other female genital organs							25	0.1	0.5	**0.4**	0.02	0.06	*C57*
Placenta							7	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	32	0.2	0.7	**0.7**	0.05	0.08							*C60*
Prostate	7334	34.9	159.8	**164.8**	9.35	21.78							*C61*
Testis	56	0.3	1.2	**1.1**	0.09	0.09							*C62*
Other male genital organs	5	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	787	3.7	17.1	**17.1**	1.11	2.01	536	2.8	10.3	**8.5**	0.56	1.02	*C64*
Renal pelvis	15	0.1	0.3	**0.3**	0.01	0.03	12	0.1	0.2	**0.1**	0.01	0.01	*C65*
Ureter	13	0.1	0.3	**0.3**	0.02	0.03	10	0.1	0.2	**0.1**	0.00	0.02	*C66*
Bladder	538	2.6	11.7	**11.4**	0.54	1.27	304	1.6	5.9	**4.2**	0.17	0.51	*C67*
Other urinary organs	17	0.1	0.4	**0.4**	0.01	0.05	23	0.1	0.4	**0.4**	0.02	0.05	*C68*
Eye	6	0.0	0.1	**0.2**	0.01	0.01	4	0.0	0.1	**0.1**	0.01	0.01	*C69*
Brain, nervous system	173	0.8	3.8	**3.8**	0.22	0.38	168	0.9	3.2	**2.9**	0.17	0.28	*C70-72*
Thyroid	87	0.4	1.9	**1.9**	0.13	0.21	387	2.0	7.5	**6.4**	0.51	0.67	*C73*
Adrenal gland	11	0.1	0.2	**0.3**	0.02	0.02	18	0.1	0.3	**0.4**	0.02	0.03	*C74*
Other endocrine	7	0.0	0.2	**0.2**	0.01	0.01	10	0.1	0.2	**0.1**	0.01	0.02	*C75*
Hodgkin lymphoma	139	0.7	3.0	**2.9**	0.20	0.26	111	0.6	2.1	**1.9**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	575	2.7	12.5	**12.1**	0.82	1.30	515	2.7	9.9	**7.9**	0.48	0.88	*C82-85,C96*
Immunoproliferative diseases	8	0.0	0.2	**0.2**	0.02	0.02	7	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	445	2.1	9.7	**9.5**	0.48	1.19	454	2.4	8.8	**6.7**	0.38	0.85	*C90*
Lymphoid leukaemia	205	1.0	4.5	**4.8**	0.25	0.55	150	0.8	2.9	**2.4**	0.12	0.24	*C91*
Myeloid leukaemia	198	0.9	4.3	**4.1**	0.21	0.39	212	1.1	4.1	**3.2**	0.19	0.30	*C92-94*
Leukaemia unspecified	24	0.1	0.5	**0.4**	0.02	0.03	15	0.1	0.3	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	67	0.3	1.5	**1.4**	0.07	0.15	93	0.5	1.8	**1.4**	0.09	0.16	*MPD*
Myelodysplastic syndromes	98	0.5	2.1	**2.1**	0.08	0.25	97	0.5	1.9	**1.3**	0.06	0.15	*MDS*
Other and unspecified	424	2.0	9.2	**8.9**	0.45	1.05	499	2.6	9.6	**6.9**	0.33	0.78	*O&U*
All sites	21043		458.4	**459.6**	26.52	56.74	19312		372.8	**293.1**	18.24	34.04	*C00-96*
All sites except C44	21002	100.0	457.5	**458.7**	26.45	56.64	19252	100.0	371.7	**292.1**	18.16	33.94	*C00-96 exc. C44*

USA, Illinois: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	266	0.2	1.1	**0.7**	0.03	0.08	79	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	1126	0.9	4.5	**3.3**	0.25	0.40	524	0.4	2.0	**1.3**	0.08	0.15	*C01-02*
Mouth	692	0.5	2.8	**2.0**	0.13	0.25	506	0.4	2.0	**1.1**	0.07	0.13	*C03-06*
Salivary glands	352	0.3	1.4	**0.9**	0.04	0.10	265	0.2	1.0	**0.7**	0.04	0.07	*C07-08*
Tonsil	689	0.5	2.7	**2.1**	0.17	0.24	173	0.1	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	217	0.2	0.9	**0.6**	0.05	0.08	68	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	175	0.1	0.7	**0.5**	0.04	0.06	61	0.0	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	305	0.2	1.2	**0.9**	0.06	0.11	86	0.1	0.3	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	81	0.1	0.3	**0.2**	0.01	0.03	21	0.0	0.1	**0.0**	0.00	0.01	*C14*
Oesophagus	2267	1.7	9.0	**6.3**	0.34	0.78	603	0.5	2.4	**1.2**	0.06	0.15	*C15*
Stomach	2187	1.7	8.7	**5.7**	0.27	0.65	1399	1.1	5.5	**2.7**	0.14	0.29	*C16*
Small intestine	577	0.4	2.3	**1.6**	0.10	0.20	473	0.4	1.9	**1.0**	0.06	0.12	*C17*
Colon	9929	7.6	39.5	**25.9**	1.13	3.02	10568	8.4	41.3	**19.6**	0.88	2.22	*C18*
Rectum	4484	3.4	17.8	**12.4**	0.69	1.48	3398	2.7	13.3	**7.4**	0.43	0.84	*C19-20*
Anus	319	0.2	1.3	**0.9**	0.06	0.10	505	0.4	2.0	**1.2**	0.09	0.14	*C21*
Liver	1962	1.5	7.8	**5.5**	0.32	0.65	871	0.7	3.4	**1.8**	0.09	0.21	*C22*
Gallbladder etc.	721	0.6	2.9	**1.8**	0.07	0.21	990	0.8	3.9	**1.9**	0.09	0.22	*C23-24*
Pancreas	3282	2.5	13.1	**8.7**	0.43	1.04	3346	2.7	13.1	**6.2**	0.27	0.72	*C25*
Nose, sinuses etc.	215	0.2	0.9	**0.6**	0.04	0.07	145	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	1743	1.3	6.9	**4.9**	0.30	0.61	424	0.3	1.7	**1.1**	0.07	0.14	*C32*
Trachea, bronchus and lung	20429	15.6	81.3	**54.6**	2.35	6.87	17742	14.1	69.4	**38.9**	1.86	5.09	*C33-34*
Other thoracic organs	141	0.1	0.6	**0.5**	0.03	0.05	98	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	290	0.2	1.2	**1.1**	0.06	0.08	225	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	4892	3.7	19.5	**13.9**	0.83	1.55	3865	3.1	15.1	**10.8**	0.78	1.07	*C43*
Other skin	372		1.5	**1.0**	0.05	0.10	351		1.4	**0.8**	0.05	0.08	*C44*
Mesothelioma	553	0.4	2.2	**1.3**	0.04	0.15	169	0.1	0.7	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	114	0.1	0.5	**0.3**	0.02	0.03	15	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	942	0.7	3.7	**2.8**	0.16	0.28	771	0.6	3.0	**2.2**	0.14	0.20	*C47+C49*
Breast	269	0.2	1.1	**0.7**	0.03	0.08	34809	27.7	136.1	**87.5**	6.19	10.08	*C50*
Vulva							748	0.6	2.9	**1.6**	0.09	0.17	*C51*
Vagina							182	0.1	0.7	**0.4**	0.02	0.05	*C52*
Cervix uteri							2130	1.7	8.3	**6.3**	0.49	0.63	*C53*
Corpus uteri							7685	6.1	30.1	**19.8**	1.45	2.43	*C54*
Uterus unspecified							142	0.1	0.6	**0.3**	0.01	0.03	*C55*
Ovary							4062	3.2	15.9	**9.9**	0.66	1.11	*C56*
Other female genital organs							181	0.1	0.7	**0.4**	0.03	0.06	*C57*
Placenta							17	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	182	0.1	0.7	**0.5**	0.02	0.06							*C60*
Prostate	34298	26.2	136.5	**98.4**	4.96	13.41							*C61*
Testis	1521	1.2	6.1	**5.6**	0.41	0.42							*C62*
Other male genital organs	43	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	4943	3.8	19.7	**14.1**	0.85	1.70	3200	2.5	12.5	**7.8**	0.47	0.92	*C64*
Renal pelvis	303	0.2	1.2	**0.8**	0.03	0.08	223	0.2	0.9	**0.4**	0.01	0.05	*C65*
Ureter	201	0.2	0.8	**0.5**	0.02	0.06	138	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	9447	7.2	37.6	**24.0**	0.92	2.82	3322	2.6	13.0	**6.6**	0.31	0.78	*C67*
Other urinary organs	76	0.1	0.3	**0.2**	0.01	0.02	35	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	276	0.2	1.1	**0.9**	0.05	0.09	259	0.2	1.0	**0.7**	0.04	0.07	*C69*
Brain, nervous system	1982	1.5	7.9	**6.5**	0.40	0.64	1688	1.3	6.6	**5.1**	0.32	0.49	*C70-72*
Thyroid	1386	1.1	5.5	**4.3**	0.32	0.45	4362	3.5	17.1	**13.8**	1.08	1.31	*C73*
Adrenal gland	88	0.1	0.4	**0.4**	0.02	0.03	89	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	47	0.0	0.2	**0.2**	0.01	0.01	30	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	837	0.6	3.3	**3.0**	0.19	0.25	672	0.5	2.6	**2.4**	0.16	0.20	*C81*
Non-Hodgkin lymphoma	5901	4.5	23.5	**16.4**	0.87	1.82	5125	4.1	20.0	**11.1**	0.60	1.25	*C82-85,C96*
Immunoproliferative diseases	124	0.1	0.5	**0.3**	0.01	0.04	87	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	1537	1.2	6.1	**4.0**	0.18	0.47	1308	1.0	5.1	**2.6**	0.13	0.32	*C90*
Lymphoid leukaemia	2023	1.5	8.1	**6.3**	0.29	0.61	1379	1.1	5.4	**3.7**	0.17	0.32	*C91*
Myeloid leukaemia	1885	1.4	7.5	**5.2**	0.24	0.53	1481	1.2	5.8	**3.5**	0.19	0.36	*C92-94*
Leukaemia unspecified	185	0.1	0.7	**0.4**	0.01	0.02	181	0.1	0.7	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	651	0.5	2.6	**1.8**	0.09	0.20	679	0.5	2.7	**1.4**	0.07	0.15	*MPD*
Myelodysplastic syndromes	1267	1.0	5.0	**2.9**	0.07	0.29	1008	0.8	3.9	**1.8**	0.06	0.19	*MDS*
Other and unspecified	2410	1.8	9.6	**6.1**	0.29	0.66	3129	2.5	12.2	**5.8**	0.27	0.63	*O&U*
All sites	131204		522.2	**364.5**	18.38	44.03	126092		493.2	**296.8**	18.24	33.87	*C00-96*
All sites except C44	130832	100.0	520.7	**363.5**	18.33	43.93	125741	100.0	491.8	**296.0**	18.19	33.79	*C00-96 exc. C44*

USA, Indiana

REGISTRATION AREA

The Indiana State Cancer Registry (ISCR) covers the entire population of Indiana, which ranks 15th in population size among the states of the USA, with nearly 6.5 million residents. The population is predominately White, urban, and middle-class. Indiana is divided into 92 counties, and a total of 62% of the state's residents live in the 18 counties that have more than 100 000 residents each; 48 counties have fewer than 35 000 residents each, and 11 counties have fewer than 15 000 residents each.

CANCER CARE FACILITIES

Currently, 15 non-hospital sources report to the ISCR electronically (by either FTP or eMaRC), and 36 report non-electronically. A total of 109 hospitals report cancer data to the registry.

REGISTRY STRUCTURE AND METHODS

The ISCR was established by state law (Public Law 174-1985) in 1985 and began to collect cases on 1 January 1987. As Indiana's central cancer registry, the ISCR carries the burden of cancer consolidation and record-keeping for the state. The Indiana Cancer Registry was established in 1985 by the statute Indiana Code 16-38-2, which became effective for all cases diagnosed in Indiana residents on 1 January 1987 or later. Rule 410 IAC 21 sets forth the standards for maintaining a state cancer registry pursuant to the original Public Law and Indiana Code in greater detail. The ISCR is supported by state and federal funds. The state of Indiana matches federal funding from the National Program of Cancer Registries (NPCR) with a 1:3 match, and contributes maintenance-of-effort funding. The ISCR is staffed by a director, two full-time certified tumour registrars (CTRs) – one of whom serves as the quality control manager – a software programmer, a cancer epidemiologist, an administrative assistant, an education trainer, and numerous contracted CTRs. The ISCR uses the database management software Rocky Mountain Cancer Data Systems (RMCDS).

INTERPRETING THE RESULTS

The Indiana Breast and Cervical Cancer Program (BCCP) targets women aged 40–64 years with a family income at or below 200% of the federal poverty level. Some hospitals hold screening events (for cancers of the breast, colorectum, etc.), and there are also individual clinics/organizations (such as the Susan G. Komen foundation) that hold events.

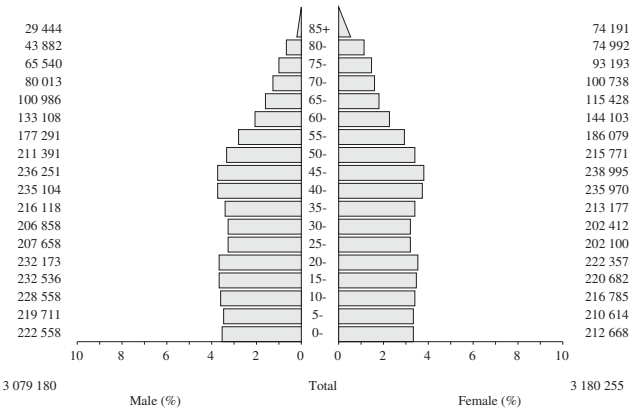
USE OF THE DATA

The ISCR has data exchange agreements in place with 18 other states, including the four states bordering Indiana. Data exchange with each state occurs at least annually. The ISCR also links annually with the BCCP to identify missing cases.

CONTRIBUTOR

Laura P. Ruppert

USA, Indiana (2003-2007)
Average annual person-years by sex and age group

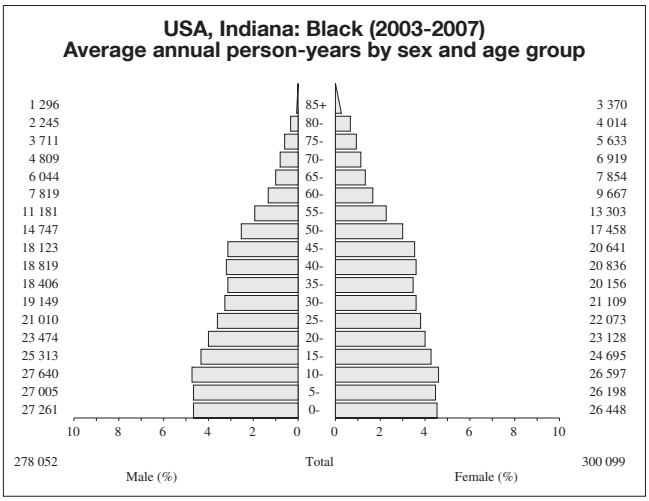


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

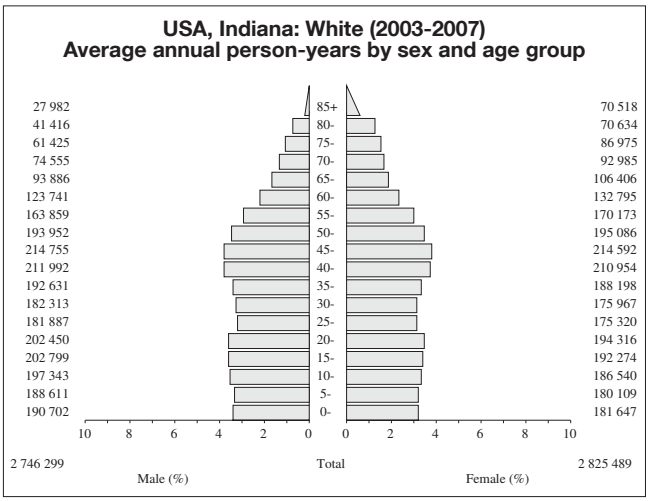
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	92.1	Breast	81.4
Trachea, bronchus and lung	63.1	Trachea, bronchus and lung	42.5
Colon	25.4	Colon	20.5
Bladder	21.8	Corpus uteri	18.7
Non-Hodgkin lymphoma	15.1	Non-Hodgkin lymphoma	11.5
Kidney	14.3	Thyroid	11.0
Melanoma of skin	13.8	Melanoma of skin	10.9
Rectum	11.7	Ovary	8.7
Pancreas	8.3	Kidney	8.4
Other and unspecified	7.4	Rectum	7.2
All sites	359.3	All sites	290.0



USA, INDIANA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	139.2	Breast	80.8
Trachea, bronchus and lung	75.6	Trachea, bronchus and lung	43.4
Colon	30.2	Colon	28.7
Kidney	15.5	Corpus uteri	14.6
Rectum	12.5	Non-Hodgkin lymphoma	9.6
Bladder	11.7	Pancreas	9.0
Pancreas	11.3	Kidney	8.3
Liver	10.7	Other and unspecified	8.1
Non-Hodgkin lymphoma	9.6	Cervix uteri	7.7
Other and unspecified	9.1	Ovary	6.9
All sites	405.9	All sites	283.5



USA, INDIANA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	86.4	Breast	81.0
Trachea, bronchus and lung	62.5	Trachea, bronchus and lung	42.6
Colon	24.9	Colon	19.7
Bladder	21.9	Corpus uteri	19.0
Non-Hodgkin lymphoma	15.3	Non-Hodgkin lymphoma	11.4
Kidney	14.2	Thyroid	11.3
Melanoma of skin	13.9	Melanoma of skin	11.1
Rectum	11.5	Ovary	8.8
Pancreas	8.2	Kidney	8.3
Other and unspecified	7.3	Rectum	7.1
All sites	351.6	All sites	288.7

USA, Indiana (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	106	0.1	0.7	**0.5**	0.02	0.05	42	0.1	0.3	**0.1**	0.01	0.01	*C00*
Tongue	629	0.8	4.1	**3.1**	0.24	0.37	283	0.4	1.8	**1.1**	0.07	0.12	*C01-02*
Mouth	422	0.5	2.7	**2.0**	0.13	0.24	291	0.4	1.8	**1.0**	0.06	0.12	*C03-06*
Salivary glands	228	0.3	1.5	**1.0**	0.06	0.11	158	0.2	1.0	**0.6**	0.04	0.06	*C07-08*
Tonsil	488	0.6	3.2	**2.4**	0.21	0.28	107	0.1	0.7	**0.5**	0.03	0.05	*C09*
Other oropharynx	110	0.1	0.7	**0.6**	0.03	0.07	43	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	97	0.1	0.6	**0.5**	0.03	0.05	46	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	175	0.2	1.1	**0.8**	0.05	0.11	47	0.1	0.3	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	63	0.1	0.4	**0.3**	0.02	0.04	15	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	1356	1.8	8.8	**6.4**	0.36	0.81	368	0.5	2.3	**1.3**	0.07	0.16	*C15*
Stomach	1095	1.4	7.1	**4.9**	0.24	0.57	654	0.9	4.1	**2.1**	0.11	0.24	*C16*
Small intestine	349	0.5	2.3	**1.6**	0.09	0.19	332	0.5	2.1	**1.3**	0.08	0.15	*C17*
Colon	5761	7.5	37.4	**25.4**	1.14	2.99	6299	8.6	39.6	**20.5**	0.95	2.37	*C18*
Rectum	2516	3.3	16.3	**11.7**	0.68	1.40	1899	2.6	11.9	**7.2**	0.43	0.85	*C19-20*
Anus	177	0.2	1.1	**0.8**	0.06	0.09	376	0.5	2.4	**1.5**	0.12	0.17	*C21*
Liver	1095	1.4	7.1	**5.2**	0.32	0.63	492	0.7	3.1	**1.8**	0.09	0.21	*C22*
Gallbladder etc.	381	0.5	2.5	**1.6**	0.07	0.17	537	0.7	3.4	**1.7**	0.08	0.21	*C23-24*
Pancreas	1858	2.4	12.1	**8.3**	0.43	1.01	1892	2.6	11.9	**6.1**	0.28	0.72	*C25*
Nose, sinuses etc.	134	0.2	0.9	**0.6**	0.04	0.07	100	0.1	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	1131	1.5	7.3	**5.5**	0.36	0.69	334	0.5	2.1	**1.4**	0.10	0.17	*C32*
Trachea, bronchus and lung	13933	18.2	90.5	**63.1**	2.83	8.06	11460	15.6	72.1	**42.5**	2.11	5.55	*C33-34*
Other thoracic organs	75	0.1	0.5	**0.4**	0.03	0.04	53	0.1	0.3	**0.2**	0.02	0.02	*C37-38*
Bone	157	0.2	1.0	**1.0**	0.06	0.08	115	0.2	0.7	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	2892	3.8	18.8	**13.8**	0.83	1.57	2353	3.2	14.8	**10.9**	0.78	1.11	*C43*
Other skin	209		1.4	**0.9**	0.05	0.08	182		1.1	**0.7**	0.04	0.07	*C44*
Mesothelioma	278	0.4	1.8	**1.2**	0.04	0.13	81	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	52	0.1	0.3	**0.3**	0.02	0.02	7	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	509	0.7	3.3	**2.5**	0.13	0.25	459	0.6	2.9	**2.2**	0.13	0.20	*C47+C49*
Breast	144	0.2	0.9	**0.7**	0.04	0.09	19701	26.8	123.9	**81.4**	5.69	9.45	*C50*
Vulva							479	0.7	3.0	**1.8**	0.11	0.19	*C51*
Vagina							126	0.2	0.8	**0.5**	0.02	0.05	*C52*
Cervix uteri							1312	1.8	8.3	**6.4**	0.50	0.63	*C53*
Corpus uteri							4459	6.1	28.0	**18.7**	1.34	2.27	*C54*
Uterus unspecified							105	0.1	0.7	**0.3**	0.02	0.03	*C55*
Ovary							2202	3.0	13.8	**8.7**	0.57	0.97	*C56*
Other female genital organs							99	0.1	0.6	**0.4**	0.02	0.05	*C57*
Placenta							14	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	123	0.2	0.8	**0.6**	0.03	0.07							*C60*
Prostate	19462	25.4	126.4	**92.1**	4.56	12.48							*C61*
Testis	822	1.1	5.3	**5.0**	0.37	0.38							*C62*
Other male genital organs	37	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	2993	3.9	19.4	**14.3**	0.89	1.71	2065	2.8	13.0	**8.4**	0.50	0.99	*C64*
Renal pelvis	178	0.2	1.2	**0.8**	0.04	0.09	120	0.2	0.8	**0.4**	0.01	0.04	*C65*
Ureter	121	0.2	0.8	**0.5**	0.02	0.06	75	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	4965	6.5	32.2	**21.8**	0.90	2.61	1734	2.4	10.9	**5.9**	0.27	0.72	*C67*
Other urinary organs	44	0.1	0.3	**0.2**	0.01	0.03	36	0.0	0.2	**0.1**	0.01	0.02	*C68*
Eye	146	0.2	0.9	**0.7**	0.04	0.08	124	0.2	0.8	**0.6**	0.04	0.05	*C69*
Brain, nervous system	1189	1.5	7.7	**6.5**	0.40	0.64	1060	1.4	6.7	**5.2**	0.32	0.50	*C70-72*
Thyroid	677	0.9	4.4	**3.6**	0.25	0.37	2113	2.9	13.3	**11.0**	0.86	1.05	*C73*
Adrenal gland	54	0.1	0.4	**0.4**	0.02	0.03	48	0.1	0.3	**0.3**	0.02	0.03	*C74*
Other endocrine	32	0.0	0.2	**0.2**	0.01	0.01	17	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	517	0.7	3.4	**3.1**	0.21	0.26	402	0.5	2.5	**2.4**	0.16	0.18	*C81*
Non-Hodgkin lymphoma	3236	4.2	21.0	**15.1**	0.83	1.68	3094	4.2	19.5	**11.5**	0.64	1.32	*C82-85,C96*
Immunoproliferative diseases	53	0.1	0.3	**0.2**	0.01	0.03	41	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	1022	1.3	6.6	**4.5**	0.21	0.54	827	1.1	5.2	**2.8**	0.15	0.34	*C90*
Lymphoid leukaemia	1077	1.4	7.0	**5.6**	0.26	0.52	783	1.1	4.9	**3.4**	0.16	0.29	*C91*
Myeloid leukaemia	1033	1.3	6.7	**4.9**	0.25	0.52	831	1.1	5.2	**3.3**	0.19	0.34	*C92-94*
Leukaemia unspecified	90	0.1	0.6	**0.4**	0.01	0.03	82	0.1	0.5	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	286	0.4	1.9	**1.3**	0.08	0.14	314	0.4	2.0	**1.1**	0.06	0.13	*MPD*
Myelodysplastic syndromes	698	0.9	4.5	**2.8**	0.07	0.29	612	0.8	3.8	**1.9**	0.07	0.21	*MDS*
Other and unspecified	1696	2.2	11.0	**7.4**	0.36	0.80	1913	2.6	12.0	**6.0**	0.27	0.68	*O&U*
All sites	76971		499.9	**359.3**	18.46	43.67	73813		464.2	**290.0**	17.75	33.40	*C00-96*
All sites except C44	76762	100.0	498.6	**358.3**	18.42	43.59	73631	100.0	463.1	**289.3**	17.71	33.33	*C00-96 exc. C44*

§Includes 1 case of unknown age

USA, Indiana: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	29	0.6	2.1	**2.3**	0.18	0.28	12	0.2	0.8	**0.7**	0.05	0.07	*C01-02*
Mouth	26	0.5	1.9	**2.0**	0.15	0.24	19	0.4	1.3	**1.0**	0.07	0.11	*C03-06*
Salivary glands	13	0.2	0.9	**0.9**	0.05	0.10	9	0.2	0.6	**0.5**	0.04	0.05	*C07-08*
Tonsil	26	0.5	1.9	**2.0**	0.12	0.25	5	0.1	0.3	**0.3**	0.02	0.03	*C09*
Other oropharynx	11	0.2	0.8	**0.9**	0.06	0.11	4	0.1	0.3	**0.2**	0.01	0.05	*C10*
Nasopharynx	9	0.2	0.6	**0.7**	0.04	0.09	6	0.1	0.4	**0.4**	0.02	0.05	*C11*
Hypopharynx	24	0.5	1.7	**1.8**	0.11	0.24	8	0.2	0.5	**0.4**	0.04	0.04	*C12-13*
Pharynx unspecified	3	0.1	0.2	**0.2**	0.01	0.02	4	0.1	0.3	**0.3**	0.01	0.04	*C14*
Oesophagus	85	1.6	6.1	**6.9**	0.39	0.93	45	0.9	3.0	**2.5**	0.13	0.36	*C15*
Stomach	115	2.2	8.3	**8.7**	0.45	1.06	83	1.7	5.5	**3.8**	0.16	0.40	*C16*
Small intestine	35	0.7	2.5	**2.6**	0.17	0.28	45	0.9	3.0	**2.7**	0.20	0.34	*C17*
Colon	404	7.7	29.1	**30.2**	1.48	3.48	537	10.8	35.8	**28.7**	1.49	3.41	*C18*
Rectum	167	3.2	12.0	**12.5**	0.91	1.36	127	2.6	8.5	**6.9**	0.45	0.75	*C19-20*
Anus	15	0.3	1.1	**1.0**	0.10	0.10	22	0.4	1.5	**1.3**	0.11	0.14	*C21*
Liver	139	2.7	10.0	**10.7**	0.88	1.27	49	1.0	3.3	**2.8**	0.18	0.33	*C22*
Gallbladder etc.	23	0.4	1.7	**1.6**	0.08	0.17	30	0.6	2.0	**1.6**	0.10	0.19	*C23-24*
Pancreas	145	2.8	10.4	**11.3**	0.71	1.47	173	3.5	11.5	**9.0**	0.42	1.05	*C25*
Nose, sinuses etc.	6	0.1	0.4	**0.5**	0.04	0.06	4	0.1	0.3	**0.2**	0.02	0.02	*C30-31*
Larynx	105	2.0	7.6	**8.2**	0.55	0.98	32	0.6	2.1	**1.9**	0.14	0.23	*C32*
Trachea, bronchus and lung	986	18.8	70.9	**75.6**	3.88	9.35	773	15.5	51.5	**43.4**	2.32	5.49	*C33-34*
Other thoracic organs	9	0.2	0.6	**0.7**	0.04	0.08	7	0.1	0.5	**0.4**	0.03	0.03	*C37-38*
Bone	15	0.3	1.1	**1.1**	0.06	0.10	6	0.1	0.4	**0.4**	0.03	0.03	*C40-41*
Melanoma of skin	9	0.2	0.6	**0.6**	0.03	0.03	13	0.3	0.9	**0.7**	0.04	0.09	*C43*
Other skin	13		0.9	**0.9**	0.06	0.10	15		1.0	**1.0**	0.08	0.09	*C44*
Mesothelioma	10	0.2	0.7	**0.7**	0.02	0.08	2	0.0	0.1	**0.1**	0.00	0.00	*C45*
Kaposi sarcoma	15	0.3	1.1	**1.0**	0.09	0.09	3	0.1	0.2	**0.2**	0.01	0.02	*C46*
Connective and soft tissue	32	0.6	2.3	**2.4**	0.14	0.27	43	0.9	2.9	**2.6**	0.16	0.23	*C47+C49*
Breast	11	0.2	0.8	**0.8**	0.06	0.09	1384	27.8	92.2	**80.8**	5.80	9.36	*C50*
Vulva							24	0.5	1.6	**1.4**	0.11	0.15	*C51*
Vagina							13	0.3	0.9	**0.7**	0.04	0.08	*C52*
Cervix uteri							130	2.6	8.7	**7.7**	0.59	0.79	*C53*
Corpus uteri							234	4.7	15.6	**14.6**	0.93	2.01	*C54*
Uterus unspecified							10	0.2	0.7	**0.5**	0.04	0.06	*C55*
Ovary							125	2.5	8.3	**6.9**	0.41	0.83	*C56*
Other female genital organs							9	0.2	0.6	**0.5**	0.02	0.06	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	5	0.1	0.4	**0.4**	0.01	0.05							*C60*
Prostate	1716	32.8	123.4	**139.2**	7.47	18.93							*C61*
Testis	15	0.3	1.1	**1.0**	0.07	0.07							*C62*
Other male genital organs	2	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	210	4.0	15.1	**15.5**	1.05	1.68	139	2.8	9.3	**8.3**	0.53	0.99	*C64*
Renal pelvis	11	0.2	0.8	**0.9**	0.07	0.10	3	0.1	0.2	**0.2**	0.01	0.02	*C65*
Ureter	3	0.1	0.2	**0.3**	0.02	0.04	4	0.1	0.3	**0.2**	0.01	0.02	*C66*
Bladder	151	2.9	10.9	**11.7**	0.49	1.37	76	1.5	5.1	**3.8**	0.16	0.43	*C67*
Other urinary organs	3	0.1	0.2	**0.3**	0.01	0.05	6	0.1	0.4	**0.3**	0.03	0.03	*C68*
Eye	3	0.1	0.2	**0.2**	0.01	0.03	1	0.0	0.1	**0.1**	0.00	0.00	*C69*
Brain, nervous system	52	1.0	3.7	**3.9**	0.21	0.34	44	0.9	2.9	**3.1**	0.18	0.26	*C70-72*
Thyroid	28	0.5	2.0	**1.9**	0.15	0.16	103	2.1	6.9	**6.3**	0.50	0.62	*C73*
Adrenal gland	6	0.1	0.4	**0.5**	0.02	0.02	5	0.1	0.3	**0.3**	0.02	0.03	*C74*
Other endocrine	1	0.0	0.1	**0.1**	0.01	0.01	3	0.1	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	43	0.8	3.1	**3.0**	0.21	0.27	28	0.6	1.9	**1.7**	0.12	0.15	*C81*
Non-Hodgkin lymphoma	132	2.5	9.5	**9.6**	0.56	1.05	162	3.3	10.8	**9.6**	0.59	1.11	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.1	**0.2**	0.01	0.03	3	0.1	0.2	**0.2**	0.02	0.02	*C88*
Multiple myeloma	115	2.2	8.3	**8.9**	0.46	1.03	108	2.2	7.2	**5.7**	0.34	0.64	*C90*
Lymphoid leukaemia	49	0.9	3.5	**3.5**	0.12	0.32	41	0.8	2.7	**2.5**	0.12	0.22	*C91*
Myeloid leukaemia	59	1.1	4.2	**4.3**	0.26	0.45	47	0.9	3.1	**2.6**	0.15	0.28	*C92-94*
Leukaemia unspecified	6	0.1	0.4	**0.4**	0.02	0.02	2	0.0	0.1	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	11	0.2	0.8	**0.8**	0.02	0.10	21	0.4	1.4	**1.1**	0.06	0.11	*MPD*
Myelodysplastic syndromes	22	0.4	1.6	**1.5**	0.06	0.10	31	0.6	2.1	**1.7**	0.06	0.26	*MDS*
Other and unspecified	121	2.3	8.7	**9.1**	0.51	1.03	158	3.2	10.5	**8.1**	0.36	0.93	*O&U*
All sites	5246		377.3	**405.9**	22.70	49.90	4990		332.6	**283.5**	17.54	33.11	*C00-96*
All sites except C44	5233	100.0	376.4	**405.0**	22.65	49.80	4975	100.0	331.6	**282.5**	17.47	33.02	*C00-96 exc. C44*

USA, Indiana: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	102	0.1	0.7	**0.5**	0.02	0.05	40	0.1	0.3	**0.1**	0.01	0.01	*C00*
Tongue	588	0.8	4.3	**3.1**	0.25	0.37	262	0.4	1.9	**1.1**	0.07	0.12	*C01-02*
Mouth	391	0.6	2.8	**2.0**	0.13	0.24	264	0.4	1.9	**1.0**	0.06	0.12	*C03-06*
Salivary glands	211	0.3	1.5	**1.0**	0.05	0.11	147	0.2	1.0	**0.6**	0.04	0.07	*C07-08*
Tonsil	460	0.7	3.3	**2.5**	0.21	0.29	101	0.1	0.7	**0.5**	0.03	0.06	*C09*
Other oropharynx	98	0.1	0.7	**0.5**	0.03	0.07	38	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	83	0.1	0.6	**0.5**	0.03	0.05	39	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	150	0.2	1.1	**0.8**	0.05	0.10	38	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	60	0.1	0.4	**0.3**	0.02	0.04	11	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	1262	1.8	9.2	**6.4**	0.36	0.81	320	0.5	2.3	**1.2**	0.06	0.14	*C15*
Stomach	956	1.4	7.0	**4.5**	0.22	0.53	556	0.8	3.9	**2.0**	0.10	0.22	*C16*
Small intestine	308	0.4	2.2	**1.6**	0.09	0.19	277	0.4	2.0	**1.2**	0.07	0.13	*C17*
Colon	5257	7.5	38.3	**24.9**	1.10	2.93	5664	8.4	40.1	**19.7**	0.89	2.27	*C18*
Rectum	2306	3.3	16.8	**11.5**	0.66	1.40	1745	2.6	12.4	**7.1**	0.42	0.85	*C19-20*
Anus	160	0.2	1.2	**0.8**	0.06	0.09	353	0.5	2.5	**1.6**	0.12	0.18	*C21*
Liver	947	1.4	6.9	**4.9**	0.28	0.59	437	0.6	3.1	**1.7**	0.08	0.20	*C22*
Gallbladder etc.	350	0.5	2.5	**1.6**	0.07	0.17	504	0.7	3.6	**1.8**	0.08	0.21	*C23-24*
Pancreas	1703	2.4	12.4	**8.2**	0.41	0.98	1707	2.5	12.1	**5.9**	0.27	0.70	*C25*
Nose, sinuses etc.	127	0.2	0.9	**0.6**	0.04	0.07	95	0.1	0.7	**0.4**	0.02	0.05	*C30-31*
Larynx	1016	1.5	7.4	**5.3**	0.35	0.68	297	0.4	2.1	**1.3**	0.09	0.16	*C32*
Trachea, bronchus and lung	12869	18.4	93.7	**62.5**	2.78	8.01	10619	15.7	75.2	**42.6**	2.11	5.58	*C33-34*
Other thoracic organs	64	0.1	0.5	**0.4**	0.02	0.04	46	0.1	0.3	**0.2**	0.02	0.02	*C37-38*
Bone	138	0.2	1.0	**0.9**	0.06	0.08	104	0.2	0.7	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	2688	3.9	19.6	**13.9**	0.83	1.57	2184	3.2	15.5	**11.1**	0.81	1.13	*C43*
Other skin	185		1.3	**0.9**	0.04	0.08	158		1.1	**0.6**	0.03	0.06	*C44*
Mesothelioma	265	0.4	1.9	**1.2**	0.04	0.13	78	0.1	0.6	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	33	0.0	0.2	**0.2**	0.01	0.02	4	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	463	0.7	3.4	**2.5**	0.13	0.25	407	0.6	2.9	**2.1**	0.13	0.20	*C47+C49*
Breast	129	0.2	0.9	**0.7**	0.04	0.08	18005	26.7	127.4	**81.0**	5.66	9.41	*C50*
Vulva							446	0.7	3.2	**1.8**	0.11	0.19	*C51*
Vagina							112	0.2	0.8	**0.4**	0.02	0.05	*C52*
Cervix uteri							1144	1.7	8.1	**6.2**	0.49	0.60	*C53*
Corpus uteri							4156	6.2	29.4	**19.0**	1.37	2.29	*C54*
Uterus unspecified							93	0.1	0.7	**0.3**	0.02	0.03	*C55*
Ovary							2059	3.1	14.6	**8.8**	0.59	0.98	*C56*
Other female genital organs							90	0.1	0.6	**0.4**	0.02	0.05	*C57*
Placenta							13	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	118	0.2	0.9	**0.6**	0.04	0.07							*C60*
Prostate	17009	24.4	123.9	**86.4**	4.28	11.73							*C61*
Testis	775	1.1	5.6	**5.3**	0.39	0.41							*C62*
Other male genital organs	31	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	2734	3.9	19.9	**14.2**	0.87	1.70	1885	2.8	13.3	**8.3**	0.49	0.99	*C64*
Renal pelvis	164	0.2	1.2	**0.8**	0.04	0.09	115	0.2	0.8	**0.4**	0.01	0.04	*C65*
Ureter	112	0.2	0.8	**0.5**	0.02	0.06	69	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	4668	6.7	34.0	**21.9**	0.91	2.62	1620	2.4	11.5	**5.9**	0.27	0.73	*C67*
Other urinary organs	40	0.1	0.3	**0.2**	0.01	0.03	29	0.0	0.2	**0.1**	0.00	0.02	*C68*
Eye	137	0.2	1.0	**0.7**	0.04	0.08	117	0.2	0.8	**0.6**	0.04	0.06	*C69*
Brain, nervous system	1123	1.6	8.2	**6.7**	0.41	0.67	1005	1.5	7.1	**5.4**	0.33	0.52	*C70-72*
Thyroid	632	0.9	4.6	**3.7**	0.25	0.39	1945	2.9	13.8	**11.3**	0.89	1.07	*C73*
Adrenal gland	47	0.1	0.3	**0.4**	0.02	0.03	42	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	31	0.0	0.2	**0.2**	0.01	0.02	14	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	466	0.7	3.4	**3.1**	0.21	0.26	366	0.5	2.6	**2.4**	0.17	0.19	*C81*
Non-Hodgkin lymphoma	3039	4.4	22.1	**15.3**	0.83	1.71	2867	4.3	20.3	**11.4**	0.63	1.32	*C82-85,C96*
Immunoproliferative diseases	50	0.1	0.4	**0.2**	0.01	0.03	37	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	894	1.3	6.5	**4.3**	0.20	0.51	711	1.1	5.0	**2.6**	0.13	0.31	*C90*
Lymphoid leukaemia	984	1.4	7.2	**5.6**	0.26	0.52	720	1.1	5.1	**3.4**	0.16	0.29	*C91*
Myeloid leukaemia	959	1.4	7.0	**4.9**	0.25	0.52	769	1.1	5.4	**3.4**	0.19	0.35	*C92-94*
Leukaemia unspecified	81	0.1	0.6	**0.4**	0.01	0.03	79	0.1	0.6	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	268	0.4	2.0	**1.3**	0.08	0.14	277	0.4	2.0	**1.0**	0.05	0.12	*MPD*
Myelodysplastic syndromes	665	1.0	4.8	**2.8**	0.08	0.30	565	0.8	4.0	**1.9**	0.07	0.21	*MDS*
Other and unspecified	1562	2.2	11.4	**7.3**	0.35	0.79	1742	2.6	12.3	**5.9**	0.27	0.66	*O&U*
All sites	69958		509.5	**351.6**	17.97	42.69	67587		478.4	**288.7**	17.65	33.21	*C00-96*
All sites except C44	69773	100.0	508.1	**350.7**	17.93	42.61	67429	100.0	477.3	**288.0**	17.61	33.15	*C00-96 exc. C44*

§Includes 1 case of unknown age

USA, Iowa

REGISTRATION AREA

The Iowa Registry covers the state of Iowa, which is located near the geographical middle of the USA, and is part of the country's so-called agricultural heartland. Iowa's climate is classified as humid continental, with an average annual temperature of 9.5 °C and average annual precipitation of approximately 80 cm. A total of 92% of the state's land area is devoted to agriculture, ranking highest in the USA.

CANCER CARE FACILITIES

Cancer diagnostic and treatment services are widely available to the entire Iowa population, through both in-state and out-of-state facilities. These services include surgery, radiation therapy, chemotherapy, and other treatment modalities (such as immunotherapy).

REGISTRY STRUCTURE AND METHODS

Iowa cancer data collection began statewide in 1969 with the National Cancer Institute's (NCI's) Third National Cancer Survey, and resumed in 1973 as part of NCI's SEER Program. The Iowa Registry is located at the University of Iowa and works in collaboration with the Iowa Department of Public Health. Cancer became a reportable disease in Iowa in 1982. Cancer data for Iowa residents are obtained from 158 hospitals, clinics, and pathology laboratories located both within and bordering the state. Employees of the Iowa Registry also abstract data on laptop computers in specified geographical areas not covered by hospital cancer registrars. Quality control activities are carried out daily and constitute a significant portion of the central registry's operation. Cancer data are exchanged with 13 other states. The registry uses active and passive follow-up to obtain survival data. Passive follow-up activities include computerized linkage of data with death certificate information, driver's licence files from the Iowa Department of Transportation, and epidemiological vital status data from the United States Social Security Administration. Active patient follow-up is conducted periodically to track patients previously lost to follow-up. The registry successfully follows more than 98% of all patients into the current year.

INTERPRETING THE RESULTS

Although some Iowans who leave the state for cancer care are not identified, ascertainment is thought to be about 99%. Screening programmes are not monitored by the registry, but rather by the state through the Behavioral Risk Factor Surveillance System, in conjunction with the United States Centers for Disease Control and Prevention (CDC).

USE OF THE DATA

Policy-makers look to the registry to provide information about cancer burden and time trends in cancer incidence, stage of disease at diagnosis, survival, and mortality. Annual census counts for cancer rate calculations are based on data prepared by the United States Census Bureau.

CONTRIBUTORS

Charles F. Lynch
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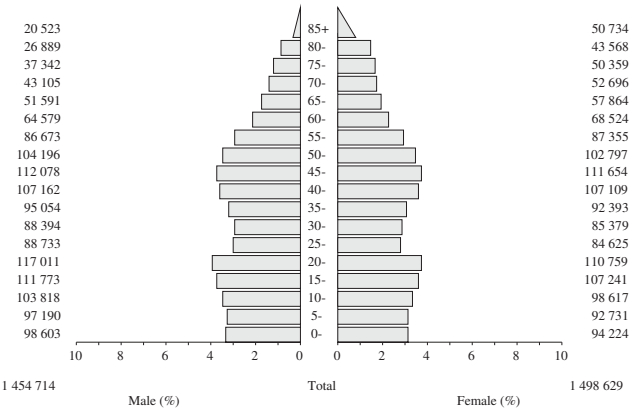
USA, Iowa (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	96.8	Breast	86.4
Trachea, bronchus and lung	55.5	Trachea, bronchus and lung	36.2
Colon	25.2	Colon	20.6
Bladder	23.8	Corpus uteri	20.4
Non-Hodgkin lymphoma	16.6	Melanoma of skin	12.8
Melanoma of skin	15.0	Thyroid	12.4
Kidney	14.3	Non-Hodgkin lymphoma	12.0
Rectum	12.1	Ovary	9.6
Pancreas	8.0	Kidney	7.6
Lymphoid leukaemia	7.4	Rectum	7.4
All sites	365.6	All sites	295.6

USA, Iowa (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	219	0.5	3.0	**1.7**	0.06	0.18	49	0.1	0.7	**0.3**	0.02	0.03	*C00*
Tongue	304	0.7	4.2	**3.0**	0.24	0.36	167	0.4	2.2	**1.4**	0.10	0.15	*C01-02*
Mouth	243	0.6	3.3	**2.2**	0.14	0.27	141	0.4	1.9	**0.9**	0.05	0.10	*C03-06*
Salivary glands	121	0.3	1.7	**1.0**	0.04	0.10	91	0.2	1.2	**0.7**	0.05	0.08	*C07-08*
Tonsil	236	0.6	3.2	**2.4**	0.20	0.28	47	0.1	0.6	**0.4**	0.03	0.04	*C09*
Other oropharynx	33	0.1	0.5	**0.3**	0.02	0.04	13	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	44	0.1	0.6	**0.4**	0.03	0.05	30	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	84	0.2	1.2	**0.8**	0.04	0.10	15	0.0	0.2	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	14	0.0	0.2	**0.1**	0.01	0.01	11	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	752	1.8	10.3	**6.6**	0.35	0.83	189	0.5	2.5	**1.2**	0.06	0.16	*C15*
Stomach	615	1.5	8.5	**5.1**	0.26	0.58	345	0.9	4.6	**2.1**	0.10	0.24	*C16*
Small intestine	216	0.5	3.0	**1.9**	0.09	0.23	180	0.5	2.4	**1.3**	0.08	0.15	*C17*
Colon	3136	7.5	43.1	**25.2**	1.10	2.95	3609	9.3	48.2	**20.6**	0.84	2.39	*C18*
Rectum	1363	3.3	18.7	**12.1**	0.69	1.47	1072	2.8	14.3	**7.4**	0.44	0.85	*C19-20*
Anus	75	0.2	1.0	**0.7**	0.05	0.08	165	0.4	2.2	**1.4**	0.11	0.15	*C21*
Liver	485	1.2	6.7	**4.3**	0.27	0.48	242	0.6	3.2	**1.6**	0.08	0.16	*C22*
Gallbladder etc.	196	0.5	2.7	**1.5**	0.05	0.16	268	0.7	3.6	**1.6**	0.07	0.20	*C23-24*
Pancreas	959	2.3	13.2	**8.0**	0.39	0.94	1007	2.6	13.4	**6.0**	0.27	0.69	*C25*
Nose, sinuses etc.	56	0.1	0.8	**0.5**	0.04	0.05	59	0.2	0.8	**0.4**	0.03	0.04	*C30-31*
Larynx	561	1.4	7.7	**5.2**	0.30	0.69	132	0.3	1.8	**1.2**	0.09	0.15	*C32*
Trachea, bronchus and lung	6673	16.1	91.7	**55.5**	2.51	6.98	5097	13.2	68.0	**36.2**	1.82	4.71	*C33-34*
Other thoracic organs	29	0.1	0.4	**0.3**	0.02	0.03	25	0.1	0.3	**0.3**	0.01	0.02	*C37-38*
Bone	76	0.2	1.0	**1.0**	0.06	0.08	88	0.2	1.2	**1.1**	0.07	0.09	*C40-41*
Melanoma of skin	1610	3.9	22.1	**15.0**	0.98	1.63	1313	3.4	17.5	**12.8**	0.95	1.24	*C43*
Other skin	138		1.9	**1.1**	0.05	0.10	130		1.7	**0.9**	0.04	0.09	*C44*
Mesothelioma	101	0.2	1.4	**0.8**	0.03	0.08	31	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	15	0.0	0.2	**0.2**	0.01	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	284	0.7	3.9	**2.7**	0.16	0.28	223	0.6	3.0	**2.0**	0.12	0.19	*C47+C49*
Breast	67	0.2	0.9	**0.5**	0.02	0.07	10565	27.3	141.0	**86.4**	6.04	9.95	*C50*
Vulva							280	0.7	3.7	**1.9**	0.11	0.21	*C51*
Vagina							65	0.2	0.9	**0.4**	0.03	0.05	*C52*
Cervix uteri							524	1.4	7.0	**5.6**	0.44	0.53	*C53*
Corpus uteri							2423	6.3	32.3	**20.4**	1.46	2.52	*C54*
Uterus unspecified							61	0.2	0.8	**0.4**	0.04	0.04	*C55*
Ovary							1232	3.2	16.4	**9.6**	0.64	1.09	*C56*
Other female genital organs							73	0.2	1.0	**0.6**	0.03	0.08	*C57*
Placenta							8	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	76	0.2	1.0	**0.6**	0.03	0.07							*C60*
Prostate	10839	26.1	149.0	**96.8**	4.92	13.02							*C61*
Testis	456	1.1	6.3	**6.1**	0.45	0.46							*C62*
Other male genital organs	20	0.0	0.3	**0.2**	0.01	0.02							*C63*
Kidney	1541	3.7	21.2	**14.3**	0.90	1.68	974	2.5	13.0	**7.6**	0.46	0.89	*C64*
Renal pelvis	94	0.2	1.3	**0.7**	0.03	0.08	74	0.2	1.0	**0.4**	0.02	0.04	*C65*
Ureter	58	0.1	0.8	**0.5**	0.01	0.06	49	0.1	0.7	**0.3**	0.01	0.03	*C66*
Bladder	2991	7.2	41.1	**23.8**	0.97	2.80	898	2.3	12.0	**5.5**	0.27	0.65	*C67*
Other urinary organs	42	0.1	0.6	**0.3**	0.01	0.04	21	0.1	0.3	**0.1**	0.01	0.02	*C68*
Eye	91	0.2	1.3	**0.9**	0.05	0.09	80	0.2	1.1	**0.7**	0.04	0.08	*C69*
Brain, nervous system	663	1.6	9.1	**7.3**	0.44	0.72	523	1.3	7.0	**5.1**	0.31	0.48	*C70-72*
Thyroid	419	1.0	5.8	**4.4**	0.33	0.48	1104	2.8	14.7	**12.4**	0.96	1.16	*C73*
Adrenal gland	26	0.1	0.4	**0.4**	0.02	0.03	18	0.0	0.2	**0.3**	0.01	0.02	*C74*
Other endocrine	9	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	253	0.6	3.5	**3.1**	0.21	0.26	220	0.6	2.9	**2.6**	0.17	0.22	*C81*
Non-Hodgkin lymphoma	1872	4.5	25.7	**16.6**	0.90	1.87	1692	4.4	22.6	**12.0**	0.67	1.37	*C82-85,C96*
Immunoproliferative diseases	53	0.1	0.7	**0.4**	0.01	0.04	35	0.1	0.5	**0.2**	0.01	0.02	*C88*
Multiple myeloma	533	1.3	7.3	**4.4**	0.20	0.52	424	1.1	5.7	**2.8**	0.14	0.34	*C90*
Lymphoid leukaemia	809	1.9	11.1	**7.4**	0.32	0.79	561	1.4	7.5	**4.3**	0.19	0.40	*C91*
Myeloid leukaemia	562	1.4	7.7	**4.8**	0.23	0.50	495	1.3	6.6	**3.6**	0.21	0.37	*C92-94*
Leukaemia unspecified	36	0.1	0.5	**0.3**	0.01	0.03	33	0.1	0.4	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	289	0.7	4.0	**2.6**	0.14	0.30	310	0.8	4.1	**1.9**	0.07	0.22	*MPD*
Myelodysplastic syndromes	515	1.2	7.1	**3.6**	0.10	0.35	405	1.0	5.4	**2.0**	0.06	0.21	*MDS*
Other and unspecified	739	1.8	10.2	**5.9**	0.28	0.63	988	2.5	13.2	**5.7**	0.27	0.62	*O&U*
All sites	41691		573.2	**365.6**	18.82	43.96	38877		518.8	**295.6**	18.17	33.65	*C00-96*
All sites except C44	41553	100.0	571.3	**364.5**	18.78	43.85	38747	100.0	517.1	**294.7**	18.13	33.56	*C00-96 exc. C44*

USA, Kentucky

REGISTRATION AREA

The Kentucky Cancer Registry (KCR) is a population-based central cancer registry for the state of Kentucky in the USA. The population (4.4 million) is 78.1% White, 13.1% Black, and 8.8% American Indian, Alaska Native, Asian, and of other races.

CANCER CARE FACILITIES

All health care facilities in Kentucky that diagnose or treat cancer are required to report all cancer cases to the KCR. These facilities include hospitals, free-standing treatment centres, non-hospital (private) pathology laboratories, and physicians' offices.

REGISTRY STRUCTURE AND METHODS

The KCR is the official population-based cancer registry for Kentucky. In 1991, the Kentucky General Assembly approved legislation requiring that all cancer cases be reported to the registry. The KCR is located at the University of Kentucky and receives funding from the state, the United States Centers for Disease Control and Prevention (CDC), the National Program of Cancer Registries (NPCR), and the National Cancer Institute's (NCI's) SEER Program. The state's larger hospitals (those treating more than 100 new primary cancer cases annually) are required to have their own tumour registrar(s). Regional coordinators employed by the KCR visit these facilities to provide additional training and case re-abstracting for quality control. The smaller hospitals (treating fewer than 100 new primary cancer cases annually) are assigned to one of four KCR regional abstractors, who record and report information on all cancer cases seen in these institutions.

INTERPRETING THE RESULTS

There has been no change in the area covered or the types of facilities reporting to the KCR. The registry follows the NCI/SEER reporting rules, and its data are believed to be complete and accurate. KCR data have been submitted to the North American Association of Central Cancer Registries (NAACCR) for evaluation of completeness and accuracy, and the registry has achieved NAACCR Gold Certification every year from 1997 to 2010. Screening programmes for breast, cervical, and colorectal cancer in Kentucky are provided through the local public health departments, and education efforts to encourage age-eligible individuals to have a screening test are conducted by the Kentucky Cancer Program. These efforts are guided by data from the KCR, which are combined with data from other population-based sources to create an index of the burden associated with the major types of cancer in 15 geographical regions of Kentucky.

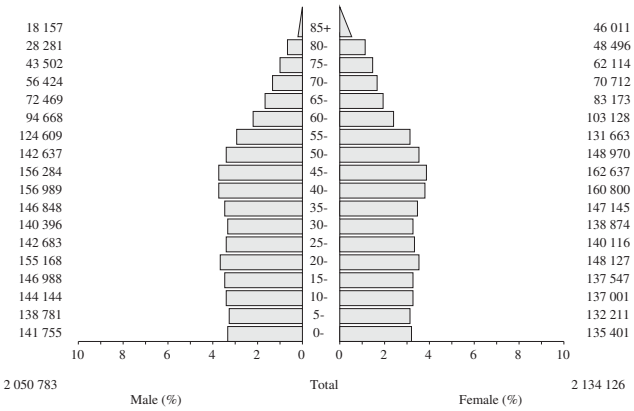
USE OF THE DATA

KCR data are used to initiate cancer control programmes, evaluate intervention activities, and conduct epidemiological research.

CONTRIBUTOR

Thomas C. Tucker

USA, Kentucky (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	95.2	Breast	85.6
Trachea, bronchus and lung	84.9	Trachea, bronchus and lung	53.6
Colon	28.1	Colon	21.5
Bladder	22.5	Corpus uteri	17.5
Melanoma of skin	17.8	Melanoma of skin	14.2
Non-Hodgkin lymphoma	15.7	Thyroid	12.7
Kidney	15.1	Non-Hodgkin lymphoma	11.4
Rectum	13.9	Rectum	9.0
Pancreas	8.3	Ovary	8.6
Other and unspecified	8.0	Kidney	8.4
All sites	402.8	All sites	316.0

USA, Kentucky (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	202	0.3	2.0	**1.3**	0.07	0.15	69	0.1	0.6	**0.3**	0.01	0.03	*C00*
Tongue	436	0.7	4.3	**3.1**	0.23	0.38	172	0.3	1.6	**1.0**	0.07	0.12	*C01-02*
Mouth	398	0.7	3.9	**2.8**	0.19	0.35	213	0.4	2.0	**1.1**	0.07	0.13	*C03-06*
Salivary glands	147	0.3	1.4	**1.0**	0.05	0.10	99	0.2	0.9	**0.6**	0.04	0.06	*C07-08*
Tonsil	384	0.7	3.7	**2.8**	0.24	0.33	108	0.2	1.0	**0.7**	0.06	0.07	*C09*
Other oropharynx	85	0.1	0.8	**0.6**	0.04	0.07	28	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	79	0.1	0.8	**0.6**	0.05	0.06	36	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	150	0.3	1.5	**1.0**	0.06	0.13	42	0.1	0.4	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	32	0.1	0.3	**0.2**	0.01	0.02	13	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	938	1.6	9.1	**6.5**	0.41	0.79	234	0.4	2.2	**1.2**	0.05	0.14	*C15*
Stomach	755	1.3	7.4	**5.0**	0.27	0.60	505	0.9	4.7	**2.4**	0.11	0.27	*C16*
Small intestine	254	0.4	2.5	**1.7**	0.10	0.21	234	0.4	2.2	**1.3**	0.08	0.16	*C17*
Colon	4260	7.3	41.5	**28.1**	1.34	3.34	4362	8.0	40.9	**21.5**	1.07	2.50	*C18*
Rectum	2026	3.5	19.8	**13.9**	0.79	1.69	1606	3.0	15.1	**9.0**	0.57	1.04	*C19-20*
Anus	135	0.2	1.3	**1.0**	0.07	0.11	268	0.5	2.5	**1.6**	0.11	0.17	*C21*
Liver	742	1.3	7.2	**5.1**	0.32	0.59	349	0.6	3.3	**1.9**	0.10	0.22	*C22*
Gallbladder etc.	239	0.4	2.3	**1.5**	0.06	0.17	348	0.6	3.3	**1.6**	0.08	0.19	*C23-24*
Pancreas	1258	2.1	12.3	**8.3**	0.40	1.04	1287	2.4	12.1	**6.1**	0.29	0.71	*C25*
Nose, sinuses etc.	125	0.2	1.2	**0.9**	0.05	0.11	75	0.1	0.7	**0.4**	0.02	0.05	*C30-31*
Larynx	988	1.7	9.6	**7.0**	0.45	0.88	305	0.6	2.9	**2.0**	0.13	0.26	*C32*
Trachea, bronchus and lung	12648	21.6	123.3	**84.9**	4.08	10.97	9632	17.8	90.3	**53.6**	2.86	7.09	*C33-34*
Other thoracic organs	52	0.1	0.5	**0.4**	0.02	0.04	42	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	119	0.2	1.2	**1.1**	0.06	0.09	93	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	2554	4.4	24.9	**17.8**	1.13	2.01	2082	3.8	19.5	**14.2**	1.04	1.42	*C43*
Other skin	152		1.5	**1.1**	0.06	0.10	115		1.1	**0.7**	0.05	0.07	*C44*
Mesothelioma	126	0.2	1.2	**0.8**	0.03	0.09	39	0.1	0.4	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	36	0.1	0.4	**0.3**	0.02	0.02	8	0.0	0.1	**0.0**	0.00	0.01	*C46*
Connective and soft tissue	363	0.6	3.5	**2.7**	0.16	0.27	291	0.5	2.7	**1.9**	0.12	0.18	*C47+C49*
Breast	91	0.2	0.9	**0.6**	0.03	0.07	14098	26.0	132.1	**85.6**	6.13	9.84	*C50*
Vulva							384	0.7	3.6	**2.2**	0.14	0.23	*C51*
Vagina							105	0.2	1.0	**0.6**	0.03	0.06	*C52*
Cervix uteri							1025	1.9	9.6	**7.3**	0.58	0.72	*C53*
Corpus uteri							2830	5.2	26.5	**17.5**	1.30	2.09	*C54*
Uterus unspecified							63	0.1	0.6	**0.3**	0.02	0.02	*C55*
Ovary							1456	2.7	13.6	**8.6**	0.58	0.97	*C56*
Other female genital organs							55	0.1	0.5	**0.3**	0.02	0.04	*C57*
Placenta							4	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	119	0.2	1.2	**0.8**	0.04	0.10							*C60*
Prostate	13961	23.8	136.2	**95.2**	4.82	12.78							*C61*
Testis	487	0.8	4.7	**4.4**	0.32	0.34							*C62*
Other male genital organs	12	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	2157	3.7	21.0	**15.1**	0.97	1.77	1407	2.6	13.2	**8.4**	0.53	0.98	*C64*
Renal pelvis	128	0.2	1.2	**0.8**	0.03	0.09	114	0.2	1.1	**0.5**	0.02	0.06	*C65*
Ureter	83	0.1	0.8	**0.5**	0.03	0.06	62	0.1	0.6	**0.3**	0.01	0.03	*C66*
Bladder	3514	6.0	34.3	**22.5**	0.95	2.66	1221	2.3	11.4	**6.1**	0.29	0.74	*C67*
Other urinary organs	30	0.1	0.3	**0.2**	0.01	0.02	22	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	116	0.2	1.1	**1.0**	0.06	0.09	93	0.2	0.9	**0.6**	0.04	0.07	*C69*
Brain, nervous system	856	1.5	8.3	**7.0**	0.45	0.68	673	1.2	6.3	**4.9**	0.31	0.46	*C70-72*
Thyroid	520	0.9	5.1	**4.0**	0.29	0.42	1695	3.1	15.9	**12.7**	0.98	1.21	*C73*
Adrenal gland	31	0.1	0.3	**0.4**	0.02	0.02	40	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	10	0.0	0.1	**0.1**	0.00	0.01	12	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	344	0.6	3.4	**3.0**	0.20	0.26	237	0.4	2.2	**2.0**	0.13	0.15	*C81*
Non-Hodgkin lymphoma	2262	3.9	22.1	**15.7**	0.87	1.76	2085	3.8	19.5	**11.4**	0.64	1.33	*C82-85,C96*
Immunoproliferative diseases	33	0.1	0.3	**0.2**	0.01	0.02	14	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	683	1.2	6.7	**4.4**	0.21	0.50	583	1.1	5.5	**3.0**	0.16	0.36	*C90*
Lymphoid leukaemia	869	1.5	8.5	**6.7**	0.32	0.67	579	1.1	5.4	**3.5**	0.15	0.35	*C91*
Myeloid leukaemia	629	1.1	6.1	**4.6**	0.25	0.48	566	1.0	5.3	**3.4**	0.18	0.34	*C92-94*
Leukaemia unspecified	60	0.1	0.6	**0.4**	0.01	0.03	67	0.1	0.6	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	388	0.7	3.8	**2.8**	0.18	0.31	270	0.5	2.5	**1.5**	0.09	0.17	*MPD*
Myelodysplastic syndromes	488	0.8	4.8	**2.9**	0.09	0.30	496	0.9	4.6	**2.2**	0.08	0.23	*MDS*
Other and unspecified	1211	2.1	11.8	**8.0**	0.41	0.89	1423	2.6	13.3	**6.9**	0.33	0.79	*O&U*
All sites	58765		573.1	**402.8**	21.35	49.02	54334		509.2	**316.0**	19.87	36.41	*C00-96*
All sites except C44	58613	100.0	571.6	**401.7**	21.30	48.92	54219	100.0	508.1	**315.2**	19.82	36.34	*C00-96 exc. C44*

USA, Louisiana

REGISTRATION AREA

The Louisiana Tumor Registry (LTR) covers the state of Louisiana, with a population of 4.4 million (63.9% White, 32.5% Black, 1.2% Asian, and 2.4% Latin American). About 25% of residents live in rural areas. One unique subpopulation in Louisiana is the Cajuns (descendants of French Canadians). Louisiana has a lower socioeconomic status than the USA average.

CANCER CARE FACILITIES

Approximately 125 hospitals provide cancer care, and most have accredited cancer programmes. The number of free-standing outpatient surgery facilities has been increasing. Louisiana offers free medical care to indigent residents through 10 public hospitals.

REGISTRY STRUCTURE AND METHODS

The LTR is based at Louisiana State University (LSU) and has eight regional offices. It is funded by LSU and through federal grants. The LTR has about 50 employees. Louisiana law mandates all licensed health care facilities and providers who diagnose and/or treat cancer to report all new cases to the LTR. It also requires data confidentiality and exempts providers from liability for reporting. About 70% of incident cases are submitted electronically and the rest are abstracted by LTR staff members. Non-hospital data sources include pathology laboratories and radiation and dermatology clinics. Quality control is routinely conducted. The LTR collects all SEER- and National Program of Cancer Registries (NPCR)-required items and follows SEER coding guidelines.

INTERPRETING THE RESULTS

Hurricanes Katrina and Rita hit southern Louisiana in 2005, resulting in major flooding, evacuation, and disruption of medical care. As a result, inaccurate population estimates and incomplete case capture may influence incidence rates. Louisiana has a breast and cervical health programme (http://lbchp.org/), and the Mary Bird Perkins Cancer Center (http://www.marybird.org/calendar-of-events) offers screening for colorectal, breast, prostate, skin, and oral cancers. The Feist-Weiller Cancer Center operates a mobile cancer screening unit that travels to 15 rural communities. Partners in Wellness cancer screening is free to financially qualified uninsured or underinsured individuals.

USE OF THE DATA

Incidence data are published annually in the *Cancer in Louisiana* series, available from the registry website (http://louisianatumorregistry.lsuhsc.edu/). The data are included in several databases for public use. Registry data are used for research, cancer control planning, and health services evaluation.

CONTRIBUTORS

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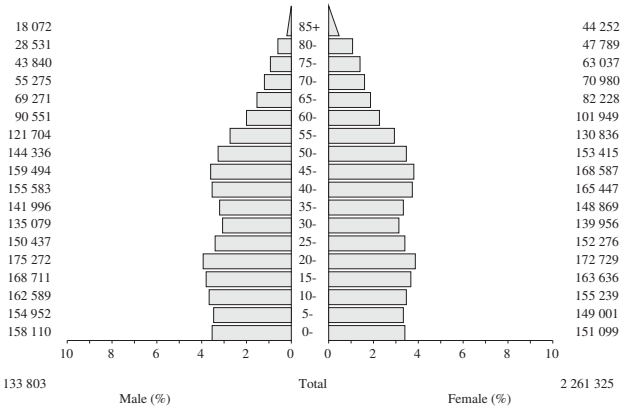
USA, Louisiana (2003-2004, 2006-2007)
Average annual person-years by sex and age group

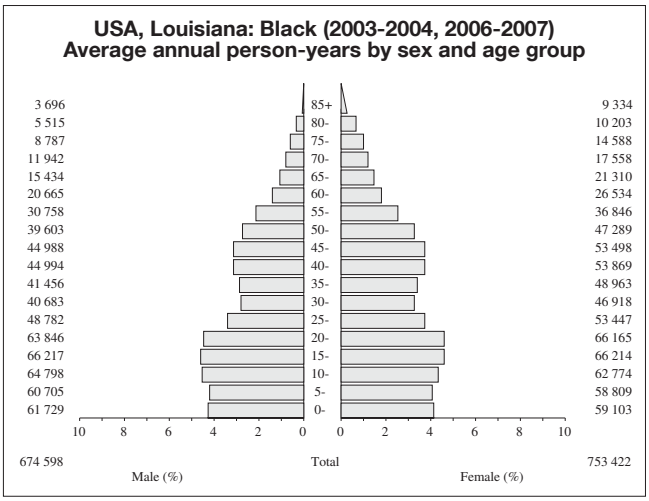


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories. The data take into consideration special processing procedures for southern Louisiana in the areas affected by Hurricanes Katrina and Rita.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

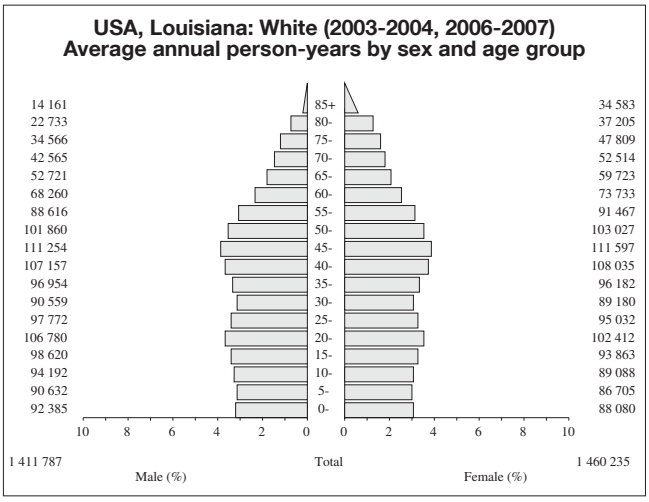
Male		Female	
Prostate	119.0	Breast	84.4
Trachea, bronchus and lung	68.7	Trachea, bronchus and lung	39.2
Colon	28.9	Colon	21.4
Bladder	20.6	Corpus uteri	12.0
Non-Hodgkin lymphoma	16.3	Non-Hodgkin lymphoma	11.1
Kidney	15.8	Thyroid	9.6
Rectum	13.2	Kidney	8.9
Melanoma of skin	11.2	Rectum	8.0
Pancreas	9.0	Ovary	7.9
Other and unspecified	8.4	Cervix uteri	7.4
All sites	408.8	All sites	282.5



NOTES ON THE DATA: *No official mortality data.

USA, LOUISIANA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	165.2	Breast	88.0
Trachea, bronchus and lung	83.5	Trachea, bronchus and lung	35.5
Colon	35.9	Colon	26.9
Kidney	15.6	Corpus uteri	13.0
Rectum	13.8	Cervix uteri	10.2
Stomach	13.4	Rectum	9.3
Non-Hodgkin lymphoma	13.2	Pancreas	9.1
Bladder	12.6	Kidney	8.6
Liver	11.4	Non-Hodgkin lymphoma	8.3
Pancreas	11.4	Multiple myeloma	6.9
All sites	473.5	All sites	285.6



NOTES ON THE DATA: *No official mortality data.

USA, LOUISIANA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	105.4	Breast	83.6
Trachea, bronchus and lung	64.5	Trachea, bronchus and lung	41.0
Colon	27.2	Colon	19.4
Bladder	23.1	Non-Hodgkin lymphoma	12.2
Non-Hodgkin lymphoma	17.2	Corpus uteri	11.9
Kidney	16.0	Thyroid	11.4
Melanoma of skin	14.9	Melanoma of skin	9.7
Rectum	13.0	Kidney	9.2
Pancreas	8.4	Ovary	8.5
Other and unspecified	7.7	Rectum	7.7
All sites	392.6	All sites	284.5

USA, Louisiana (2003-2004, 2006-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	99	0.2	1.2	**0.9**	0.06	0.12	24	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	380	0.8	4.5	**3.4**	0.23	0.43	169	0.4	1.9	**1.2**	0.08	0.13	*C01-02*
Mouth	296	0.6	3.5	**2.6**	0.19	0.32	168	0.4	1.9	**1.1**	0.06	0.13	*C03-06*
Salivary glands	118	0.3	1.4	**1.0**	0.04	0.11	83	0.2	0.9	**0.6**	0.04	0.06	*C07-08*
Tonsil	313	0.7	3.7	**2.8**	0.24	0.34	65	0.2	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	68	0.1	0.8	**0.6**	0.04	0.08	15	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	91	0.2	1.1	**0.9**	0.06	0.10	41	0.1	0.5	**0.3**	0.02	0.03	*C11*
Hypopharynx	162	0.3	1.9	**1.4**	0.09	0.19	32	0.1	0.4	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	40	0.1	0.5	**0.3**	0.02	0.03	7	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	699	1.5	8.2	**6.1**	0.37	0.77	207	0.5	2.3	**1.3**	0.07	0.16	*C15*
Stomach	877	1.9	10.3	**7.4**	0.37	0.89	574	1.5	6.3	**3.5**	0.17	0.37	*C16*
Small intestine	191	0.4	2.2	**1.7**	0.08	0.21	203	0.5	2.2	**1.4**	0.09	0.17	*C17*
Colon	3460	7.4	40.5	**28.9**	1.46	3.49	3339	8.5	36.9	**21.4**	1.12	2.52	*C18*
Rectum	1505	3.2	17.6	**13.2**	0.84	1.59	1151	2.9	12.7	**8.0**	0.51	0.92	*C19-20*
Anus	110	0.2	1.3	**1.0**	0.07	0.11	161	0.4	1.8	**1.1**	0.07	0.13	*C21*
Liver	883	1.9	10.3	**7.7**	0.52	0.89	317	0.8	3.5	**2.2**	0.12	0.26	*C22*
Gallbladder etc.	210	0.4	2.5	**1.7**	0.06	0.19	229	0.6	2.5	**1.5**	0.07	0.19	*C23-24*
Pancreas	1083	2.3	12.7	**9.0**	0.47	1.07	1168	3.0	12.9	**7.0**	0.34	0.82	*C25*
Nose, sinuses etc.	87	0.2	1.0	**0.8**	0.06	0.09	47	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	815	1.7	9.5	**7.3**	0.46	0.93	206	0.5	2.3	**1.6**	0.10	0.19	*C32*
Trachea, bronchus and lung	8120	17.3	95.1	**68.7**	3.33	8.65	5796	14.8	64.1	**39.2**	2.01	5.05	*C33-34*
Other thoracic organs	42	0.1	0.5	**0.4**	0.02	0.04	40	0.1	0.4	**0.4**	0.02	0.04	*C37-38*
Bone	74	0.2	0.9	**0.7**	0.05	0.06	67	0.2	0.7	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	1286	2.7	15.1	**11.2**	0.66	1.25	872	2.2	9.6	**6.9**	0.49	0.69	*C43*
Other skin	144		1.7	**1.2**	0.06	0.12	113		1.2	**0.9**	0.05	0.08	*C44*
Mesothelioma	184	0.4	2.2	**1.5**	0.07	0.16	56	0.1	0.6	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	70	0.1	0.8	**0.7**	0.04	0.06	20	0.1	0.2	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	343	0.7	4.0	**3.2**	0.19	0.32	280	0.7	3.1	**2.3**	0.14	0.22	*C47+C49*
Breast	105	0.2	1.2	**0.9**	0.05	0.11	11233	28.6	124.2	**84.4**	5.95	9.74	*C50*
Vulva							262	0.7	2.9	**1.8**	0.12	0.18	*C51*
Vagina							82	0.2	0.9	**0.6**	0.04	0.07	*C52*
Cervix uteri							841	2.1	9.3	**7.4**	0.60	0.71	*C53*
Corpus uteri							1584	4.0	17.5	**12.0**	0.87	1.45	*C54*
Uterus unspecified							59	0.2	0.7	**0.4**	0.02	0.04	*C55*
Ovary							1088	2.8	12.0	**7.9**	0.49	0.92	*C56*
Other female genital organs							46	0.1	0.5	**0.3**	0.02	0.05	*C57*
Placenta							11	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	76	0.2	0.9	**0.7**	0.04	0.07							*C60*
Prostate	13591	29.0	159.2	**119.0**	6.04	16.15							*C61*
Testis	369	0.8	4.3	**4.0**	0.30	0.32							*C62*
Other male genital organs	10	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	1767	3.8	20.7	**15.8**	1.00	1.87	1210	3.1	13.4	**8.9**	0.55	1.06	*C64*
Renal pelvis	71	0.2	0.8	**0.6**	0.03	0.07	67	0.2	0.7	**0.4**	0.01	0.04	*C65*
Ureter	61	0.1	0.7	**0.5**	0.01	0.05	40	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	2528	5.4	29.6	**20.6**	0.81	2.45	810	2.1	9.0	**5.0**	0.24	0.57	*C67*
Other urinary organs	20	0.0	0.2	**0.2**	0.00	0.02	25	0.1	0.3	**0.2**	0.01	0.02	*C68*
Eye	72	0.2	0.8	**0.7**	0.04	0.07	70	0.2	0.8	**0.6**	0.03	0.06	*C69*
Brain, nervous system	593	1.3	6.9	**5.9**	0.39	0.57	469	1.2	5.2	**4.1**	0.25	0.38	*C70-72*
Thyroid	340	0.7	4.0	**3.2**	0.22	0.34	1066	2.7	11.8	**9.6**	0.75	0.94	*C73*
Adrenal gland	32	0.1	0.4	**0.4**	0.02	0.03	23	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	14	0.0	0.2	**0.2**	0.01	0.01	17	0.0	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	288	0.6	3.4	**3.1**	0.21	0.25	229	0.6	2.5	**2.2**	0.15	0.19	*C81*
Non-Hodgkin lymphoma	1835	3.9	21.5	**16.3**	0.94	1.83	1611	4.1	17.8	**11.1**	0.62	1.30	*C82-85,C96*
Immunoproliferative diseases	24	0.1	0.3	**0.2**	0.01	0.02	12	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	638	1.4	7.5	**5.3**	0.26	0.66	550	1.4	6.1	**3.6**	0.18	0.44	*C90*
Lymphoid leukaemia	580	1.2	6.8	**5.6**	0.28	0.56	372	0.9	4.1	**2.9**	0.14	0.27	*C91*
Myeloid leukaemia	535	1.1	6.3	**4.7**	0.24	0.49	448	1.1	5.0	**3.3**	0.19	0.34	*C92-94*
Leukaemia unspecified	78	0.2	0.9	**0.6**	0.03	0.06	63	0.2	0.7	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	267	0.6	3.1	**2.3**	0.13	0.29	242	0.6	2.7	**1.7**	0.10	0.19	*MPD*
Myelodysplastic syndromes	439	0.9	5.1	**3.4**	0.10	0.34	406	1.0	4.5	**2.4**	0.09	0.26	*MDS*
Other and unspecified	1001	2.1	11.7	**8.4**	0.47	0.94	998	2.5	11.0	**6.0**	0.31	0.64	*O&U*
All sites	47084		551.6	**408.8**	21.78	50.22	39384		435.4	**282.5**	17.52	32.41	*C00-96*
All sites except C44	46940	100.0	550.0	**407.6**	21.72	50.11	39271	100.0	434.2	**281.6**	17.47	32.33	*C00-96 exc. C44*

*USA, Louisiana: Black (2003-2004, 2006-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	4	0.0	0.1	**0.2**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	68	0.5	2.5	**2.6**	0.17	0.35	32	0.3	1.1	**0.8**	0.06	0.08	*C01-02*
Mouth	89	0.7	3.3	**3.2**	0.28	0.36	41	0.4	1.4	**1.1**	0.07	0.12	*C03-06*
Salivary glands	22	0.2	0.8	**0.9**	0.03	0.12	24	0.2	0.8	**0.7**	0.04	0.06	*C07-08*
Tonsil	83	0.7	3.1	**3.0**	0.24	0.38	18	0.2	0.6	**0.5**	0.04	0.05	*C09*
Other oropharynx	34	0.3	1.3	**1.3**	0.11	0.16	6	0.1	0.2	**0.2**	0.01	0.02	*C10*
Nasopharynx	43	0.3	1.6	**1.5**	0.09	0.16	10	0.1	0.3	**0.3**	0.02	0.02	*C11*
Hypopharynx	65	0.5	2.4	**2.5**	0.13	0.37	9	0.1	0.3	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	10	0.1	0.4	**0.4**	0.02	0.03	3	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	204	1.6	7.6	**7.9**	0.48	1.06	74	0.7	2.5	**2.0**	0.11	0.25	*C15*
Stomach	362	2.9	13.4	**13.4**	0.64	1.60	257	2.4	8.5	**6.2**	0.30	0.67	*C16*
Small intestine	59	0.5	2.2	**2.3**	0.10	0.31	78	0.7	2.6	**2.0**	0.12	0.25	*C17*
Colon	970	7.7	35.9	**35.9**	1.86	4.38	1044	9.9	34.6	**26.9**	1.51	3.16	*C18*
Rectum	377	3.0	14.0	**13.8**	0.94	1.63	349	3.3	11.6	**9.3**	0.59	1.07	*C19-20*
Anus	31	0.2	1.1	**1.1**	0.08	0.13	37	0.4	1.2	**1.0**	0.06	0.11	*C21*
Liver	311	2.5	11.5	**11.4**	0.84	1.38	102	1.0	3.4	**2.9**	0.18	0.36	*C22*
Gallbladder etc.	56	0.4	2.1	**2.0**	0.07	0.25	61	0.6	2.0	**1.5**	0.08	0.18	*C23-24*
Pancreas	309	2.5	11.5	**11.4**	0.62	1.39	382	3.6	12.7	**9.1**	0.45	1.05	*C25*
Nose, sinuses etc.	27	0.2	1.0	**1.0**	0.09	0.11	13	0.1	0.4	**0.3**	0.02	0.02	*C30-31*
Larynx	293	2.3	10.9	**11.1**	0.73	1.42	53	0.5	1.8	**1.5**	0.11	0.17	*C32*
Trachea, bronchus and lung	2235	17.8	82.8	**83.5**	4.47	10.46	1324	12.6	43.9	**35.5**	2.03	4.46	*C33-34*
Other thoracic organs	11	0.1	0.4	**0.4**	0.02	0.03	17	0.2	0.6	**0.6**	0.04	0.06	*C37-38*
Bone	17	0.1	0.6	**0.6**	0.03	0.05	20	0.2	0.7	**0.6**	0.04	0.06	*C40-41*
Melanoma of skin	22	0.2	0.8	**0.7**	0.03	0.06	25	0.2	0.8	**0.6**	0.03	0.06	*C43*
Other skin	23		0.9	**0.9**	0.07	0.08	31		1.0	**0.9**	0.08	0.09	*C44*
Mesothelioma	36	0.3	1.3	**1.2**	0.06	0.12	13	0.1	0.4	**0.4**	0.03	0.03	*C45*
Kaposi sarcoma	29	0.2	1.1	**1.0**	0.06	0.09	7	0.1	0.2	**0.2**	0.01	0.01	*C46*
Connective and soft tissue	79	0.6	2.9	**2.9**	0.19	0.31	110	1.0	3.7	**3.2**	0.19	0.32	*C47+C49*
Breast	31	0.2	1.1	**1.2**	0.07	0.14	3159	30.0	104.8	**88.0**	6.45	10.05	*C50*
Vulva							52	0.5	1.7	**1.4**	0.10	0.15	*C51*
Vagina							23	0.2	0.8	**0.6**	0.04	0.07	*C52*
Cervix uteri							359	3.4	11.9	**10.2**	0.79	0.99	*C53*
Corpus uteri							462	4.4	15.3	**13.0**	0.84	1.64	*C54*
Uterus unspecified							25	0.2	0.8	**0.6**	0.03	0.06	*C55*
Ovary							250	2.4	8.3	**6.5**	0.35	0.74	*C56*
Other female genital organs							12	0.1	0.4	**0.4**	0.03	0.05	*C57*
Placenta							7	0.1	0.2	**0.2**	0.02	0.02	*C58*
Penis	23	0.2	0.9	**0.8**	0.06	0.08							*C60*
Prostate	4257	33.9	157.8	**165.2**	8.62	22.44							*C61*
Testis	29	0.2	1.1	**1.0**	0.08	0.08							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.01							*C63*
Kidney	422	3.4	15.6	**15.6**	1.00	1.75	309	2.9	10.3	**8.6**	0.51	1.04	*C64*
Renal pelvis	5	0.0	0.2	**0.2**	0.00	0.01	4	0.0	0.1	**0.1**	0.00	0.01	*C65*
Ureter	6	0.0	0.2	**0.2**	0.00	0.03	10	0.1	0.3	**0.3**	0.01	0.03	*C66*
Bladder	341	2.7	12.6	**12.6**	0.52	1.54	151	1.4	5.0	**3.7**	0.17	0.43	*C67*
Other urinary organs	2	0.0	0.1	**0.1**	0.00	0.02	7	0.1	0.2	**0.2**	0.01	0.03	*C68*
Eye	6	0.0	0.2	**0.2**	0.01	0.02	7	0.1	0.2	**0.3**	0.01	0.03	*C69*
Brain, nervous system	121	1.0	4.5	**4.5**	0.30	0.43	98	0.9	3.3	**3.1**	0.18	0.29	*C70-72*
Thyroid	37	0.3	1.4	**1.3**	0.10	0.14	209	2.0	6.9	**6.1**	0.49	0.64	*C73*
Adrenal gland	9	0.1	0.3	**0.4**	0.02	0.03	6	0.1	0.2	**0.2**	0.01	0.01	*C74*
Other endocrine	6	0.0	0.2	**0.2**	0.01	0.03	10	0.1	0.3	**0.3**	0.02	0.03	*C75*
Hodgkin lymphoma	71	0.6	2.6	**2.5**	0.19	0.20	57	0.5	1.9	**1.8**	0.13	0.15	*C81*
Non-Hodgkin lymphoma	364	2.9	13.5	**13.2**	0.88	1.42	307	2.9	10.2	**8.3**	0.57	0.92	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	295	2.3	10.9	**10.9**	0.54	1.37	261	2.5	8.7	**6.9**	0.35	0.88	*C90*
Lymphoid leukaemia	114	0.9	4.2	**4.4**	0.23	0.48	64	0.6	2.1	**1.8**	0.09	0.17	*C91*
Myeloid leukaemia	120	1.0	4.4	**4.4**	0.25	0.48	120	1.1	4.0	**3.2**	0.22	0.34	*C92-94*
Leukaemia unspecified	27	0.2	1.0	**0.9**	0.04	0.08	22	0.2	0.7	**0.5**	0.01	0.04	*C95*
Myeloproliferative disorders	56	0.4	2.1	**2.0**	0.10	0.23	60	0.6	2.0	**1.5**	0.09	0.15	*MPD*
Myelodysplastic syndromes	75	0.6	2.8	**2.7**	0.09	0.31	91	0.9	3.0	**2.3**	0.11	0.26	*MDS*
Other and unspecified	297	2.4	11.0	**10.7**	0.66	1.17	267	2.5	8.9	**6.7**	0.38	0.74	*O&U*
All sites	12586		466.4	**473.5**	26.25	59.31	10552		350.1	**285.6**	18.29	32.75	*C00-96*
All sites except C44	12563	100.0	465.6	**472.6**	26.18	59.22	10521	100.0	349.1	**284.6**	18.22	32.66	*C00-96 exc. C44*

*See note following population pyramid

*USA, Louisiana: White (2003-2004, 2006-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	94	0.3	1.7	**1.1**	0.07	0.15	22	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	311	0.9	5.5	**3.8**	0.25	0.47	136	0.5	2.3	**1.3**	0.09	0.15	*C01-02*
Mouth	203	0.6	3.6	**2.4**	0.16	0.30	125	0.4	2.1	**1.1**	0.06	0.12	*C03-06*
Salivary glands	94	0.3	1.7	**1.1**	0.05	0.11	58	0.2	1.0	**0.6**	0.04	0.06	*C07-08*
Tonsil	229	0.7	4.1	**2.9**	0.24	0.34	47	0.2	0.8	**0.5**	0.04	0.06	*C09*
Other oropharynx	34	0.1	0.6	**0.4**	0.02	0.05	9	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	43	0.1	0.8	**0.6**	0.04	0.07	30	0.1	0.5	**0.3**	0.02	0.03	*C11*
Hypopharynx	97	0.3	1.7	**1.1**	0.08	0.14	22	0.1	0.4	**0.2**	0.01	0.04	*C12-13*
Pharynx unspecified	28	0.1	0.5	**0.3**	0.02	0.03	4	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	490	1.4	8.7	**5.6**	0.33	0.70	133	0.5	2.3	**1.1**	0.05	0.13	*C15*
Stomach	502	1.5	8.9	**5.5**	0.27	0.68	310	1.1	5.3	**2.4**	0.12	0.26	*C16*
Small intestine	129	0.4	2.3	**1.5**	0.08	0.18	125	0.4	2.1	**1.2**	0.07	0.15	*C17*
Colon	2471	7.3	43.8	**27.2**	1.35	3.25	2272	8.0	38.9	**19.4**	0.98	2.31	*C18*
Rectum	1113	3.3	19.7	**13.0**	0.82	1.58	795	2.8	13.6	**7.7**	0.48	0.88	*C19-20*
Anus	78	0.2	1.4	**1.0**	0.07	0.10	123	0.4	2.1	**1.2**	0.08	0.14	*C21*
Liver	546	1.6	9.7	**6.3**	0.40	0.72	205	0.7	3.5	**1.8**	0.09	0.22	*C22*
Gallbladder etc.	150	0.4	2.7	**1.5**	0.05	0.17	165	0.6	2.8	**1.4**	0.06	0.19	*C23-24*
Pancreas	772	2.3	13.7	**8.4**	0.42	0.98	775	2.7	13.3	**6.3**	0.30	0.74	*C25*
Nose, sinuses etc.	60	0.2	1.1	**0.7**	0.05	0.09	33	0.1	0.6	**0.3**	0.01	0.03	*C30-31*
Larynx	517	1.5	9.2	**6.1**	0.37	0.79	152	0.5	2.6	**1.6**	0.10	0.20	*C32*
Trachea, bronchus and lung	5831	17.2	103.3	**64.5**	2.97	8.17	4438	15.6	76.0	**41.0**	2.03	5.32	*C33-34*
Other thoracic organs	31	0.1	0.5	**0.5**	0.02	0.04	21	0.1	0.4	**0.3**	0.01	0.03	*C37-38*
Bone	57	0.2	1.0	**0.8**	0.05	0.07	46	0.2	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	1251	3.7	22.2	**14.9**	0.91	1.66	832	2.9	14.2	**9.7**	0.70	0.96	*C43*
Other skin	120		2.1	**1.3**	0.06	0.13	80		1.4	**0.8**	0.04	0.08	*C44*
Mesothelioma	148	0.4	2.6	**1.6**	0.07	0.18	43	0.2	0.7	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	38	0.1	0.7	**0.5**	0.03	0.05	13	0.0	0.2	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	260	0.8	4.6	**3.2**	0.20	0.33	170	0.6	2.9	**1.9**	0.12	0.18	*C47+C49*
Breast	73	0.2	1.3	**0.9**	0.05	0.10	7992	28.1	136.8	**83.6**	5.81	9.70	*C50*
Vulva							207	0.7	3.5	**2.0**	0.13	0.20	*C51*
Vagina							59	0.2	1.0	**0.6**	0.04	0.07	*C52*
Cervix uteri							473	1.7	8.1	**6.4**	0.53	0.60	*C53*
Corpus uteri							1109	3.9	19.0	**11.9**	0.90	1.41	*C54*
Uterus unspecified							34	0.1	0.6	**0.3**	0.02	0.03	*C55*
Ovary							827	2.9	14.2	**8.5**	0.55	1.00	*C56*
Other female genital organs							34	0.1	0.6	**0.3**	0.01	0.05	*C57*
Placenta							3	0.0	0.1	**0.0**	0.00	0.00	*C58*
Penis	53	0.2	0.9	**0.6**	0.03	0.07							*C60*
Prostate	9171	27.0	162.4	**105.4**	5.25	14.30							*C61*
Testis	338	1.0	6.0	**5.5**	0.41	0.43							*C62*
Other male genital organs	8	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	1333	3.9	23.6	**16.0**	1.01	1.93	893	3.1	15.3	**9.2**	0.58	1.09	*C64*
Renal pelvis	66	0.2	1.2	**0.7**	0.04	0.10	62	0.2	1.1	**0.4**	0.02	0.05	*C65*
Ureter	54	0.2	1.0	**0.5**	0.01	0.06	30	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	2173	6.4	38.5	**23.1**	0.91	2.76	653	2.3	11.2	**5.5**	0.27	0.63	*C67*
Other urinary organs	18	0.1	0.3	**0.2**	0.01	0.02	17	0.1	0.3	**0.2**	0.01	0.02	*C68*
Eye	66	0.2	1.2	**0.9**	0.05	0.09	63	0.2	1.1	**0.7**	0.03	0.08	*C69*
Brain, nervous system	469	1.4	8.3	**6.4**	0.43	0.63	368	1.3	6.3	**4.7**	0.29	0.43	*C70-72*
Thyroid	297	0.9	5.3	**3.8**	0.27	0.41	838	2.9	14.3	**11.4**	0.89	1.09	*C73*
Adrenal gland	22	0.1	0.4	**0.4**	0.02	0.03	17	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	8	0.0	0.1	**0.2**	0.01	0.01	7	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	215	0.6	3.8	**3.3**	0.22	0.28	166	0.6	2.8	**2.5**	0.16	0.20	*C81*
Non-Hodgkin lymphoma	1459	4.3	25.8	**17.2**	0.96	1.97	1292	4.5	22.1	**12.2**	0.65	1.45	*C82-85,C96*
Immunoproliferative diseases	20	0.1	0.4	**0.2**	0.01	0.03	9	0.0	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	336	1.0	5.9	**3.7**	0.17	0.44	285	1.0	4.9	**2.4**	0.12	0.28	*C90*
Lymphoid leukaemia	465	1.4	8.2	**6.2**	0.32	0.60	306	1.1	5.2	**3.4**	0.16	0.31	*C91*
Myeloid leukaemia	413	1.2	7.3	**4.8**	0.24	0.50	324	1.1	5.5	**3.4**	0.18	0.34	*C92-94*
Leukaemia unspecified	50	0.1	0.9	**0.5**	0.02	0.05	41	0.1	0.7	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	209	0.6	3.7	**2.5**	0.14	0.31	181	0.6	3.1	**1.7**	0.10	0.20	*MPD*
Myelodysplastic syndromes	362	1.1	6.4	**3.6**	0.11	0.35	311	1.1	5.3	**2.4**	0.09	0.27	*MDS*
Other and unspecified	691	2.0	12.2	**7.7**	0.41	0.87	725	2.6	12.4	**5.8**	0.28	0.61	*O&U*
All sites	34066		603.2	**392.6**	20.56	47.88	28510		488.1	**284.5**	17.46	32.64	*C00-96*
All sites except C44	33946	100.0	601.1	**391.3**	20.50	47.75	28430	100.0	486.7	**283.8**	17.42	32.56	*C00-96 exc. C44*

*See note following population pyramid

USA, Louisiana, New Orleans

REGISTRATION AREA

The New Orleans Regional Tumor Registry covers New Orleans, the largest metropolitan area in the state of Louisiana. The population is 55% White, 41% Black, 4% Asian, and 9% Hispanic (of all races). The per capita income is slightly higher than the state average. In 2005, the population was 99% urban.

CANCER CARE FACILITIES

Cancer care is provided by 12 hospitals; almost all have accredited cancer programmes. The state's largest public hospital is in New Orleans and provides free care to indigent residents.

REGISTRY STRUCTURE AND METHODS

The registry is based at Louisiana State University (LSU), along with the central office of the Louisiana Tumor Registry (LTR). The New Orleans Regional Tumor Registry has 15 employees. It is funded by LSU and through federal grants. Louisiana law mandates all licensed health care facilities and providers who diagnose and/or treat cancer to report all new cases to the LTR. It also requires data confidentiality and exempts providers from liability for reporting. About 99% of incident cases are submitted electronically and the rest are abstracted by regional staff members. The LTR exchanges cases with 19 other states under case-sharing agreements, so missed cases are minimal. Quality control is routinely conducted. The LTR collects all SEER- and National Program of Cancer Registries (NPCR)-required items and follows SEER coding guidelines.

INTERPRETING THE RESULTS

Hurricane Katrina hit New Orleans in 2005, resulting in major flooding, evacuation, disruption of medical care, and destruction of records. As a result, inaccurate population estimates and incomplete case capture may influence incidence rates. Louisiana has a breast and cervical health programme (http://lbchp.org/), and the Mary Bird Perkins Cancer Center (http://www.marybird.org/calendar-of-events) offers screening for colorectal, breast, prostate, skin, and oral cancers. The Feist-Weiller Cancer Center operates a mobile cancer screening unit that travels to 15 rural communities. Partners in Wellness cancer screening is free to financially qualified uninsured or underinsured individuals.

USE OF THE DATA

Incidence data are published annually in the *Cancer in Louisiana* series, available from the LTR website (http://louisianatumorregistry.lsuhsc.edu/). The data are included in several databases for public use. Registry data are used for research, cancer control planning, and health services evaluation.

CONTRIBUTORS

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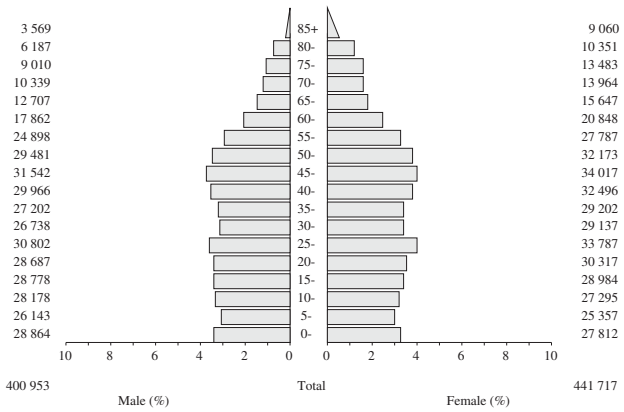
USA, Louisiana, New Orleans (2003-2004, 2006-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

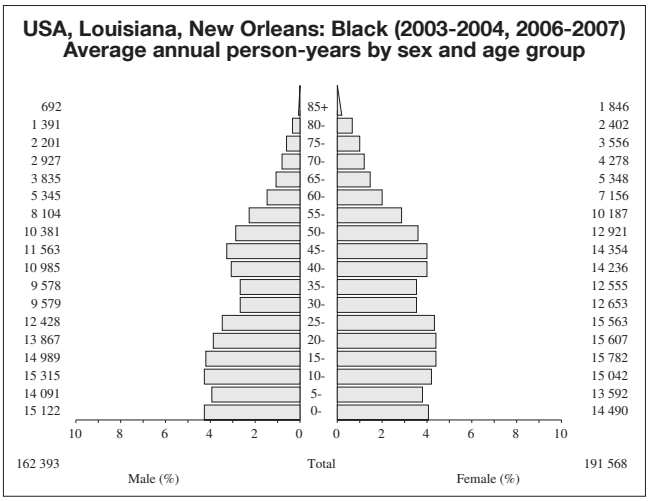
Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories. The data take into consideration special processing procedures for southern Louisiana in the areas affected by Hurricanes Katrina and Rita.

NOTES ON THE DATA

*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

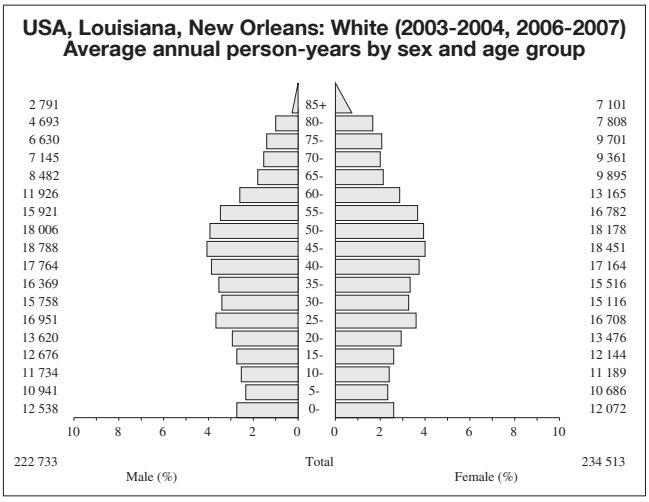
Male		Female	
Prostate	99.1	Breast	85.6
Trachea, bronchus and lung	65.2	Trachea, bronchus and lung	36.5
Colon	27.4	Colon	19.3
Bladder	20.0	Corpus uteri	12.8
Kidney	16.7	Non-Hodgkin lymphoma	10.9
Non-Hodgkin lymphoma	16.0	Ovary	8.2
Rectum	12.6	Thyroid	8.2
Liver	10.9	Kidney	7.9
Melanoma of skin	9.2	Rectum	7.8
Pancreas	9.2	Cervix uteri	7.0
All sites	385.4	All sites	274.3



NOTES ON THE DATA: *No official mortality data.

USA, LOUISIANA, NEW ORLEANS: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	137.9	Breast	85.9
Trachea, bronchus and lung	80.5	Trachea, bronchus and lung	36.5
Colon	34.2	Colon	23.4
Kidney	18.0	Corpus uteri	12.8
Bladder	15.3	Rectum	9.0
Non-Hodgkin lymphoma	15.1	Cervix uteri	8.8
Stomach	13.9	Non-Hodgkin lymphoma	8.7
Liver	13.6	Pancreas	8.6
Rectum	13.4	Other and unspecified	7.9
Other and unspecified	11.3	Kidney	7.3
All sites	443.8	All sites	278.7



NOTES ON THE DATA: *No official mortality data.

USA, LOUISIANA, NEW ORLEANS: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	82.0	Breast	86.6
Trachea, bronchus and lung	59.5	Trachea, bronchus and lung	36.9
Colon	25.4	Colon	17.0
Bladder	22.4	Corpus uteri	13.5
Non-Hodgkin lymphoma	16.7	Non-Hodgkin lymphoma	12.2
Kidney	16.3	Thyroid	9.9
Melanoma of skin	14.1	Ovary	9.4
Rectum	12.0	Kidney	9.0
Liver	9.5	Melanoma of skin	9.0
Pancreas	9.2	Rectum	7.3
All sites	368.5	All sites	278.8

*USA, Louisiana, New Orleans (2003-2004, 2006-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	11	0.1	0.7	**0.5**	0.02	0.07	2	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	74	0.8	4.6	**3.5**	0.25	0.42	27	0.3	1.5	**0.9**	0.07	0.09	*C01-02*
Mouth	72	0.8	4.5	**3.3**	0.25	0.43	36	0.5	2.0	**1.2**	0.08	0.14	*C03-06*
Salivary glands	22	0.3	1.4	**1.0**	0.04	0.12	13	0.2	0.7	**0.6**	0.03	0.07	*C07-08*
Tonsil	52	0.6	3.2	**2.4**	0.18	0.32	6	0.1	0.3	**0.2**	0.02	0.02	*C09*
Other oropharynx	10	0.1	0.6	**0.4**	0.03	0.05	1	0.0	0.1	**0.0**	0.00	0.01	*C10*
Nasopharynx	22	0.3	1.4	**1.0**	0.07	0.10	7	0.1	0.4	**0.3**	0.01	0.02	*C11*
Hypopharynx	40	0.5	2.5	**1.8**	0.11	0.25	10	0.1	0.6	**0.4**	0.03	0.06	*C12-13*
Pharynx unspecified	15	0.2	0.9	**0.7**	0.04	0.09	1	0.0	0.1	**0.0**	0.01	0.01	*C14*
Oesophagus	143	1.6	8.9	**6.2**	0.33	0.77	48	0.6	2.7	**1.5**	0.07	0.19	*C15*
Stomach	209	2.4	13.0	**9.0**	0.37	1.15	131	1.7	7.4	**3.7**	0.19	0.40	*C16*
Small intestine	40	0.5	2.5	**1.8**	0.12	0.20	45	0.6	2.5	**1.4**	0.07	0.15	*C17*
Colon	658	7.6	41.0	**27.4**	1.36	3.33	628	8.0	35.5	**19.3**	0.96	2.28	*C18*
Rectum	279	3.2	17.4	**12.6**	0.82	1.54	230	2.9	13.0	**7.8**	0.45	0.89	*C19-20*
Anus	26	0.3	1.6	**1.3**	0.09	0.17	31	0.4	1.8	**1.1**	0.08	0.13	*C21*
Liver	250	2.9	15.6	**10.9**	0.77	1.28	87	1.1	4.9	**2.9**	0.12	0.35	*C22*
Gallbladder etc.	43	0.5	2.7	**1.8**	0.07	0.24	47	0.6	2.7	**1.5**	0.06	0.20	*C23-24*
Pancreas	221	2.5	13.8	**9.2**	0.47	1.10	209	2.7	11.8	**6.1**	0.31	0.67	*C25*
Nose, sinuses etc.	12	0.1	0.7	**0.5**	0.05	0.06	11	0.1	0.6	**0.5**	0.03	0.05	*C30-31*
Larynx	176	2.0	11.0	**8.2**	0.51	1.04	47	0.6	2.7	**1.8**	0.13	0.23	*C32*
Trachea, bronchus and lung	1523	17.5	95.0	**65.2**	3.24	8.31	1131	14.4	64.0	**36.5**	1.80	4.73	*C33-34*
Other thoracic organs	12	0.1	0.7	**0.5**	0.02	0.06	14	0.2	0.8	**0.6**	0.03	0.06	*C37-38*
Bone	15	0.2	0.9	**0.9**	0.05	0.07	15	0.2	0.8	**0.7**	0.04	0.08	*C40-41*
Melanoma of skin	208	2.4	13.0	**9.2**	0.51	1.04	133	1.7	7.5	**5.3**	0.36	0.52	*C43*
Other skin	22		1.4	**1.0**	0.06	0.10	24		1.4	**1.0**	0.07	0.09	*C44*
Mesothelioma	50	0.6	3.1	**1.9**	0.10	0.21	31	0.4	1.8	**1.0**	0.09	0.10	*C45*
Kaposi sarcoma	28	0.3	1.7	**1.5**	0.10	0.15	2	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	67	0.8	4.2	**3.1**	0.17	0.30	45	0.6	2.5	**2.1**	0.10	0.17	*C47+C49*
Breast	21	0.2	1.3	**0.9**	0.04	0.11	2356	30.1	133.3	**85.6**	6.00	9.87	*C50*
Vulva							50	0.6	2.8	**1.7**	0.11	0.17	*C51*
Vagina							17	0.2	1.0	**0.6**	0.04	0.06	*C52*
Cervix uteri							161	2.1	9.1	**7.0**	0.57	0.68	*C53*
Corpus uteri							332	4.2	18.8	**12.8**	0.90	1.58	*C54*
Uterus unspecified							14	0.2	0.8	**0.5**	0.03	0.06	*C55*
Ovary							227	2.9	12.8	**8.2**	0.46	0.94	*C56*
Other female genital organs							8	0.1	0.5	**0.3**	0.01	0.03	*C57*
Placenta							3	0.0	0.2	**0.1**	0.01	0.01	*C58*
Penis	12	0.1	0.7	**0.5**	0.03	0.05							*C60*
Prostate	2219	25.5	138.4	**99.1**	5.31	13.55							*C61*
Testis	92	1.1	5.7	**5.2**	0.39	0.40							*C62*
Other male genital organs	1	0.0	0.1	**0.1**	0.00	0.00							*C63*
Kidney	366	4.2	22.8	**16.7**	0.99	2.01	221	2.8	12.5	**7.9**	0.44	0.94	*C64*
Renal pelvis	10	0.1	0.6	**0.4**	0.03	0.05	11	0.1	0.6	**0.2**	0.00	0.02	*C65*
Ureter	14	0.2	0.9	**0.6**	0.02	0.07	8	0.1	0.5	**0.2**	0.00	0.03	*C66*
Bladder	489	5.6	30.5	**20.0**	0.79	2.32	194	2.5	11.0	**5.4**	0.23	0.62	*C67*
Other urinary organs	3	0.0	0.2	**0.1**	0.00	0.01	5	0.1	0.3	**0.2**	0.01	0.02	*C68*
Eye	14	0.2	0.9	**0.9**	0.04	0.09	7	0.1	0.4	**0.3**	0.01	0.03	*C69*
Brain, nervous system	92	1.1	5.7	**4.4**	0.26	0.46	79	1.0	4.5	**3.7**	0.22	0.36	*C70-72*
Thyroid	57	0.7	3.6	**2.7**	0.18	0.30	184	2.3	10.4	**8.2**	0.65	0.78	*C73*
Adrenal gland	5	0.1	0.3	**0.4**	0.02	0.03	4	0.1	0.2	**0.3**	0.02	0.02	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.01	0.01	7	0.1	0.4	**0.5**	0.03	0.04	*C75*
Hodgkin lymphoma	43	0.5	2.7	**2.5**	0.16	0.20	39	0.5	2.2	**1.8**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	350	4.0	21.8	**16.0**	0.91	1.79	324	4.1	18.3	**10.9**	0.65	1.30	*C82-85,C96*
Immunoproliferative diseases	5	0.1	0.3	**0.2**	0.01	0.02	4	0.1	0.2	**0.1**	0.01	0.02	*C88*
Multiple myeloma	118	1.4	7.4	**4.9**	0.28	0.55	114	1.5	6.5	**3.8**	0.22	0.49	*C90*
Lymphoid leukaemia	84	1.0	5.2	**4.3**	0.25	0.50	53	0.7	3.0	**2.4**	0.13	0.20	*C91*
Myeloid leukaemia	93	1.1	5.8	**4.1**	0.21	0.43	92	1.2	5.2	**3.2**	0.17	0.34	*C92-94*
Leukaemia unspecified	15	0.2	0.9	**0.6**	0.01	0.05	11	0.1	0.6	**0.3**	0.00	0.05	*C95*
Myeloproliferative disorders	44	0.5	2.7	**1.9**	0.11	0.26	47	0.6	2.7	**1.7**	0.09	0.20	*MPD*
Myelodysplastic syndromes	75	0.9	4.7	**3.0**	0.10	0.28	53	0.7	3.0	**1.7**	0.06	0.21	*MDS*
Other and unspecified	211	2.4	13.2	**9.0**	0.55	1.00	223	2.8	12.6	**6.3**	0.31	0.63	*O&U*
All sites	8735		544.6	**385.4**	20.92	47.51	7860		444.9	**274.3**	16.74	31.56	*C00-96*
All sites except C44	8713	100.0	543.3	**384.4**	20.86	47.40	7836	100.0	443.5	**273.3**	16.68	31.47	*C00-96 exc. C44*

*See note following population pyramid

*USA, Louisiana, New Orleans: Black (2003-2004, 2006-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.0	0.2	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	15	0.5	2.3	**2.3**	0.17	0.32	9	0.3	1.2	**0.8**	0.06	0.06	*C01-02*
Mouth	29	1.0	4.5	**4.3**	0.32	0.55	9	0.3	1.2	**0.9**	0.08	0.10	*C03-06*
Salivary glands	7	0.2	1.1	**1.1**	0.05	0.12	6	0.2	0.8	**0.8**	0.06	0.08	*C07-08*
Tonsil	19	0.6	2.9	**2.5**	0.22	0.29	1	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	3	0.1	0.5	**0.5**	0.04	0.08	1	0.0	0.1	**0.1**	0.00	0.02	*C10*
Nasopharynx	10	0.3	1.5	**1.4**	0.08	0.14	2	0.1	0.3	**0.3**	0.02	0.02	*C11*
Hypopharynx	17	0.6	2.6	**2.4**	0.09	0.37	2	0.1	0.3	**0.2**	0.01	0.04	*C12-13*
Pharynx unspecified	4	0.1	0.6	**0.5**	0.05	0.05	1	0.0	0.1	**0.1**	0.02	0.02	*C14*
Oesophagus	49	1.7	7.5	**7.3**	0.42	0.93	22	0.8	2.9	**2.3**	0.09	0.30	*C15*
Stomach	93	3.2	14.3	**13.9**	0.60	1.75	67	2.6	8.7	**6.5**	0.33	0.75	*C16*
Small intestine	15	0.5	2.3	**2.2**	0.12	0.29	22	0.8	2.9	**2.2**	0.09	0.28	*C17*
Colon	232	7.9	35.7	**34.2**	1.68	3.95	232	8.8	30.3	**23.4**	1.30	2.75	*C18*
Rectum	91	3.1	14.0	**13.4**	0.90	1.66	84	3.2	11.0	**9.0**	0.52	1.13	*C19-20*
Anus	10	0.3	1.5	**1.4**	0.11	0.15	12	0.5	1.6	**1.3**	0.05	0.14	*C21*
Liver	94	3.2	14.5	**13.6**	0.98	1.68	33	1.3	4.3	**3.7**	0.18	0.49	*C22*
Gallbladder etc.	16	0.5	2.5	**2.8**	0.10	0.45	17	0.6	2.2	**2.0**	0.08	0.29	*C23-24*
Pancreas	67	2.3	10.3	**9.7**	0.50	1.17	89	3.4	11.6	**8.6**	0.46	1.00	*C25*
Nose, sinuses etc.	4	0.1	0.6	**0.6**	0.07	0.07	6	0.2	0.8	**0.6**	0.05	0.05	*C30-31*
Larynx	72	2.4	11.1	**11.1**	0.64	1.44	15	0.6	2.0	**1.7**	0.16	0.19	*C32*
Trachea, bronchus and lung	537	18.2	82.7	**80.5**	4.19	10.27	354	13.5	46.2	**36.5**	2.09	4.50	*C33-34*
Other thoracic organs	4	0.1	0.6	**0.7**	0.03	0.06	6	0.2	0.8	**0.7**	0.06	0.06	*C37-38*
Bone	5	0.2	0.8	**0.8**	0.04	0.07	7	0.3	0.9	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	4	0.1	0.6	**0.6**	0.03	0.03	4	0.2	0.5	**0.5**	0.01	0.06	*C43*
Other skin	4		0.6	**0.6**	0.03	0.03	11		1.4	**1.3**	0.10	0.13	*C44*
Mesothelioma	13	0.4	2.0	**1.7**	0.05	0.13	13	0.5	1.7	**1.3**	0.12	0.12	*C45*
Kaposi sarcoma	14	0.5	2.2	**2.2**	0.13	0.22	1	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	13	0.4	2.0	**2.1**	0.16	0.22	20	0.8	2.6	**2.5**	0.13	0.19	*C47+C49*
Breast	7	0.2	1.1	**1.2**	0.04	0.19	808	30.8	105.4	**85.9**	6.07	9.90	*C50*
Vulva							13	0.5	1.7	**1.4**	0.07	0.17	*C51*
Vagina							3	0.1	0.4	**0.3**	0.03	0.03	*C52*
Cervix uteri							82	3.1	10.7	**8.8**	0.68	0.89	*C53*
Corpus uteri							114	4.3	14.9	**12.8**	0.74	1.65	*C54*
Uterus unspecified							7	0.3	0.9	**0.8**	0.05	0.09	*C55*
Ovary							58	2.2	7.6	**6.3**	0.33	0.68	*C56*
Other female genital organs							2	0.1	0.3	**0.2**	0.03	0.03	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	6	0.2	0.9	**0.9**	0.06	0.09							*C60*
Prostate	892	30.3	137.3	**137.9**	7.99	18.77							*C61*
Testis	11	0.4	1.7	**1.6**	0.13	0.13							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	116	3.9	17.9	**18.0**	0.98	2.08	66	2.5	8.6	**7.3**	0.35	0.94	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.03	*C65*
Ureter	3	0.1	0.5	**0.5**	0.02	0.09	1	0.0	0.1	**0.1**	0.00	0.03	*C66*
Bladder	102	3.5	15.7	**15.3**	0.67	1.80	38	1.4	5.0	**3.7**	0.18	0.44	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.3	**0.2**	0.02	0.02	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.03	*C69*
Brain, nervous system	21	0.7	3.2	**3.0**	0.22	0.33	18	0.7	2.3	**2.2**	0.11	0.22	*C70-72*
Thyroid	8	0.3	1.2	**1.1**	0.10	0.10	53	2.0	6.9	**5.7**	0.48	0.57	*C73*
Adrenal gland	1	0.0	0.2	**0.2**	0.00	0.04	2	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	1	0.0	0.2	**0.1**	0.01	0.01	3	0.1	0.4	**0.4**	0.03	0.05	*C75*
Hodgkin lymphoma	10	0.3	1.5	**1.5**	0.12	0.12	12	0.5	1.6	**1.4**	0.11	0.13	*C81*
Non-Hodgkin lymphoma	102	3.5	15.7	**15.1**	1.02	1.55	83	3.2	10.8	**8.7**	0.61	0.98	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	60	2.0	9.2	**8.7**	0.54	0.98	64	2.4	8.4	**7.2**	0.39	1.01	*C90*
Lymphoid leukaemia	26	0.9	4.0	**4.3**	0.26	0.57	14	0.5	1.8	**1.8**	0.09	0.15	*C91*
Myeloid leukaemia	28	1.0	4.3	**4.0**	0.27	0.53	28	1.1	3.7	**2.9**	0.16	0.29	*C92-94*
Leukaemia unspecified	5	0.2	0.8	**0.6**	0.03	0.07	3	0.1	0.4	**0.3**	0.00	0.05	*C95*
Myeloproliferative disorders	12	0.4	1.8	**1.9**	0.04	0.28	12	0.5	1.6	**1.3**	0.09	0.15	*MPD*
Myelodysplastic syndromes	14	0.5	2.2	**2.1**	0.07	0.24	18	0.7	2.3	**1.9**	0.08	0.23	*MDS*
Other and unspecified	80	2.7	12.3	**11.3**	0.73	1.27	81	3.1	10.6	**7.9**	0.40	0.84	*O&U*
All sites	2947		453.7	**443.8**	25.10	55.75	2634		343.7	**278.7**	17.26	32.51	*C00-96*
All sites except C44	2943	100.0	453.1	**443.1**	25.07	55.72	2623	100.0	342.3	**277.3**	17.16	32.37	*C00-96 exc. C44*

*See note following population pyramid

*USA, Louisiana, New Orleans: White (2003-2004, 2006-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	10	0.2	1.1	**0.7**	0.01	0.09	2	0.0	0.2	**0.1**	0.01	0.01	*C00*
Tongue	59	1.1	6.6	**4.2**	0.31	0.49	18	0.4	1.9	**0.9**	0.08	0.10	*C01-02*
Mouth	41	0.7	4.6	**3.0**	0.21	0.37	26	0.5	2.8	**1.3**	0.09	0.15	*C03-06*
Salivary glands	14	0.2	1.6	**1.1**	0.03	0.12	7	0.1	0.7	**0.4**	0.02	0.06	*C07-08*
Tonsil	32	0.6	3.6	**2.4**	0.17	0.33	5	0.1	0.5	**0.3**	0.02	0.03	*C09*
Other oropharynx	7	0.1	0.8	**0.4**	0.03	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	10	0.2	1.1	**0.6**	0.05	0.06	5	0.1	0.5	**0.2**	0.01	0.02	*C11*
Hypopharynx	23	0.4	2.6	**1.6**	0.13	0.20	7	0.1	0.7	**0.5**	0.03	0.07	*C12-13*
Pharynx unspecified	10	0.2	1.1	**0.7**	0.04	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	92	1.6	10.3	**5.9**	0.29	0.71	26	0.5	2.8	**1.2**	0.06	0.14	*C15*
Stomach	111	2.0	12.5	**6.8**	0.26	0.88	60	1.2	6.4	**2.2**	0.10	0.20	*C16*
Small intestine	24	0.4	2.7	**1.7**	0.12	0.17	23	0.5	2.5	**1.0**	0.06	0.09	*C17*
Colon	420	7.5	47.1	**25.4**	1.25	3.14	387	7.6	41.3	**17.0**	0.75	2.05	*C18*
Rectum	177	3.2	19.9	**12.0**	0.78	1.43	144	2.8	15.4	**7.3**	0.42	0.78	*C19-20*
Anus	16	0.3	1.8	**1.3**	0.09	0.18	19	0.4	2.0	**1.1**	0.10	0.13	*C21*
Liver	146	2.6	16.4	**9.5**	0.65	1.11	51	1.0	5.4	**2.2**	0.07	0.27	*C22*
Gallbladder etc.	26	0.5	2.9	**1.4**	0.05	0.15	30	0.6	3.2	**1.3**	0.05	0.16	*C23-24*
Pancreas	152	2.7	17.1	**9.2**	0.46	1.10	118	2.3	12.6	**4.9**	0.22	0.52	*C25*
Nose, sinuses etc.	8	0.1	0.9	**0.5**	0.05	0.06	5	0.1	0.5	**0.4**	0.01	0.05	*C30-31*
Larynx	103	1.8	11.6	**7.2**	0.45	0.89	32	0.6	3.4	**1.9**	0.11	0.25	*C32*
Trachea, bronchus and lung	963	17.1	108.1	**59.5**	2.82	7.54	766	15.0	81.7	**36.9**	1.68	4.93	*C33-34*
Other thoracic organs	8	0.1	0.9	**0.5**	0.02	0.07	7	0.1	0.7	**0.3**	0.01	0.05	*C37-38*
Bone	10	0.2	1.1	**1.0**	0.06	0.08	8	0.2	0.9	**0.8**	0.04	0.08	*C40-41*
Melanoma of skin	204	3.6	22.9	**14.1**	0.81	1.59	128	2.5	13.6	**9.0**	0.65	0.87	*C43*
Other skin	17		1.9	**1.2**	0.07	0.13	12		1.3	**0.6**	0.03	0.06	*C44*
Mesothelioma	37	0.7	4.2	**2.2**	0.12	0.26	18	0.4	1.9	**0.9**	0.07	0.09	*C45*
Kaposi sarcoma	14	0.2	1.6	**1.3**	0.09	0.12	1	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	52	0.9	5.8	**3.7**	0.19	0.35	25	0.5	2.7	**2.0**	0.09	0.17	*C47+C49*
Breast	13	0.2	1.5	**0.8**	0.04	0.09	1514	29.6	161.4	**86.6**	6.04	10.05	*C50*
Vulva							37	0.7	3.9	**2.0**	0.15	0.18	*C51*
Vagina							14	0.3	1.5	**0.9**	0.05	0.08	*C52*
Cervix uteri							75	1.5	8.0	**6.1**	0.51	0.56	*C53*
Corpus uteri							215	4.2	22.9	**13.5**	1.05	1.61	*C54*
Uterus unspecified							7	0.1	0.7	**0.3**	0.02	0.03	*C55*
Ovary							165	3.2	17.6	**9.4**	0.55	1.09	*C56*
Other female genital organs							6	0.1	0.6	**0.3**	0.01	0.03	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	6	0.1	0.7	**0.3**	0.01	0.03							*C60*
Prostate	1266	22.5	142.1	**82.0**	4.10	11.20							*C61*
Testis	80	1.4	9.0	**8.0**	0.59	0.61							*C62*
Other male genital organs	1	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	245	4.4	27.5	**16.3**	1.00	2.03	154	3.0	16.4	**9.0**	0.54	1.01	*C64*
Renal pelvis	10	0.2	1.1	**0.6**	0.05	0.08	10	0.2	1.1	**0.2**	0.00	0.01	*C65*
Ureter	11	0.2	1.2	**0.6**	0.02	0.06	7	0.1	0.7	**0.2**	0.00	0.03	*C66*
Bladder	385	6.9	43.2	**22.4**	0.88	2.63	155	3.0	16.5	**6.4**	0.27	0.73	*C67*
Other urinary organs	3	0.1	0.3	**0.2**	0.01	0.02	2	0.0	0.2	**0.1**	0.00	0.00	*C68*
Eye	14	0.2	1.6	**1.5**	0.08	0.14	6	0.1	0.6	**0.5**	0.02	0.04	*C69*
Brain, nervous system	71	1.3	8.0	**5.5**	0.31	0.56	60	1.2	6.4	**5.2**	0.34	0.46	*C70-72*
Thyroid	46	0.8	5.2	**3.4**	0.22	0.39	123	2.4	13.1	**9.9**	0.77	0.93	*C73*
Adrenal gland	4	0.1	0.4	**0.6**	0.04	0.04	2	0.0	0.2	**0.4**	0.02	0.02	*C74*
Other endocrine	1	0.0	0.1	**0.1**	0.01	0.01	4	0.1	0.4	**0.6**	0.04	0.04	*C75*
Hodgkin lymphoma	32	0.6	3.6	**3.2**	0.19	0.26	24	0.5	2.6	**2.0**	0.14	0.17	*C81*
Non-Hodgkin lymphoma	245	4.4	27.5	**16.7**	0.89	1.95	239	4.7	25.5	**12.2**	0.69	1.51	*C82-85,C96*
Immunoproliferative diseases	5	0.1	0.6	**0.3**	0.02	0.03	3	0.1	0.3	**0.1**	0.01	0.01	*C88*
Multiple myeloma	57	1.0	6.4	**3.4**	0.16	0.37	48	0.9	5.1	**2.1**	0.13	0.22	*C90*
Lymphoid leukaemia	58	1.0	6.5	**4.7**	0.27	0.51	39	0.8	4.2	**3.0**	0.16	0.25	*C91*
Myeloid leukaemia	64	1.1	7.2	**4.3**	0.20	0.40	64	1.3	6.8	**3.5**	0.19	0.39	*C92-94*
Leukaemia unspecified	9	0.2	1.0	**0.4**	0.00	0.03	8	0.2	0.9	**0.3**	0.01	0.05	*C95*
Myeloproliferative disorders	32	0.6	3.6	**2.1**	0.15	0.26	34	0.7	3.6	**1.8**	0.08	0.23	*MPD*
Myelodysplastic syndromes	60	1.1	6.7	**3.3**	0.12	0.31	35	0.7	3.7	**1.7**	0.06	0.20	*MDS*
Other and unspecified	129	2.3	14.5	**8.4**	0.49	0.93	140	2.7	14.9	**5.5**	0.26	0.53	*O&U*
All sites	5633		632.3	**368.5**	19.47	44.69	5121		545.9	**278.8**	16.89	31.82	*C00-96*
All sites except C44	5616	100.0	630.4	**367.3**	19.40	44.56	5109	100.0	544.6	**278.2**	16.85	31.77	*C00-96 exc. C44*

*See note following population pyramid

USA, Maine

REGISTRATION AREA

The Maine Cancer Registry (CR) covers the state of Maine in the USA. The state has a large geographical area but a relatively small population. Maine is primarily rural, with a long Atlantic coast. The population is 97% White/Caucasian, with a small but important population of Native Americans, and small (but growing) Black, Hispanic, and Asian populations. French Canadian ancestry is widely distributed. The population has been stable numerically, but is ageing. In terms of the average age of its residents, Maine has become one of the oldest states in the USA. There are geographical and other disparities in access to health care within the state. Some of the smaller, rural access hospitals are closing.

CANCER CARE FACILITIES

Many surgical specialists are underrepresented in the northern half of Maine, including gynaecological oncologists and plastic surgeons (for reconstruction), as are gastroenterologists and physicians in general, with many underserved areas.

REGISTRY STRUCTURE AND METHODS

Cancer reporting is mandated by state law for 37 Maine hospitals and for some physicians. The Maine CR is funded by the United States Centers for Disease Control and Prevention (CDC) (75%) and by the state (25%). The registry staff is small: there are typically 5.5 full-time equivalent positions with two vacancies. The staff includes one medical director/programme manager, certified tumour registrars (CTRs) (2.5 full-time equivalents), one financial manager, and one secretary. The registry also contracts an epidemiologist (0.4 full-time equivalents) and additional part-time CTRs. Technical support is inadequate. Quality control studies are currently limited. For several years before 2011, the registry carried out annual staging and treatment studies to determine whether all regions received standard care.

INTERPRETING THE RESULTS

In addition to the Maine CDC Breast and Cervical Health Program, federal funding enabled the start of a colorectal cancer screening programme in 2009 for underinsured and uninsured low-income residents aged 50–64 years. Maine has lost much of its manufacturing industry but still has an active shipbuilding sector. Arsenic (in well water) and radon are some of the known environmental exposures that may be elevated in Maine due to its geography.

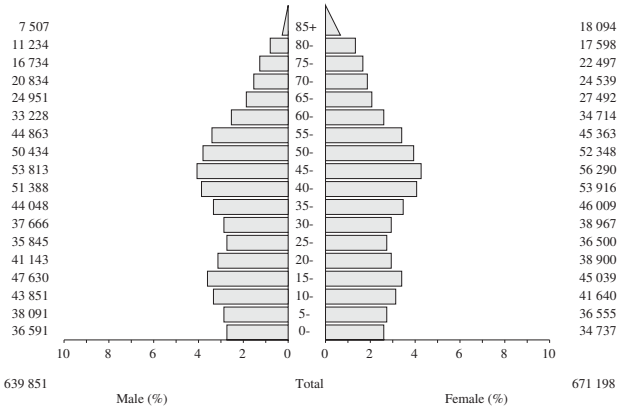
USE OF THE DATA

The Maine CR reports incidence, stage of disease, and mortality on an annual basis, by county, etc. The registry encourages data use by researchers throughout the state, region, and nation, particularly when there is an opportunity to better understand high cancer incidence rates (overall and for specific sites) in Maine.

CONTRIBUTOR

Molly Schwenn

USA, Maine (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	112.9	Breast	91.3
Trachea, bronchus and lung	60.8	Trachea, bronchus and lung	43.0
Bladder	28.8	Corpus uteri	22.9
Colon	24.9	Colon	20.6
Melanoma of skin	18.2	Melanoma of skin	14.7
Non-Hodgkin lymphoma	16.6	Thyroid	13.9
Kidney	13.0	Non-Hodgkin lymphoma	12.5
Rectum	12.6	Ovary	8.8
Other and unspecified	9.3	Bladder	8.3
Pancreas	8.5	Kidney	8.0
All sites	404.1	All sites	320.0

USA, Maine (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	61	0.3	1.9	**1.1**	0.05	0.13	21	0.1	0.6	**0.3**	0.02	0.03	*C00*
Tongue	164	0.8	5.1	**3.3**	0.25	0.39	83	0.4	2.5	**1.4**	0.10	0.16	*C01-02*
Mouth	128	0.6	4.0	**2.5**	0.14	0.33	62	0.3	1.8	**1.0**	0.06	0.13	*C03-06*
Salivary glands	58	0.3	1.8	**1.0**	0.04	0.10	33	0.2	1.0	**0.6**	0.04	0.06	*C07-08*
Tonsil	141	0.7	4.4	**2.9**	0.26	0.32	29	0.1	0.9	**0.5**	0.03	0.07	*C09*
Other oropharynx	28	0.1	0.9	**0.5**	0.03	0.07	10	0.1	0.3	**0.2**	0.01	0.03	*C10*
Nasopharynx	21	0.1	0.7	**0.4**	0.03	0.04	6	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	64	0.3	2.0	**1.2**	0.07	0.16	13	0.1	0.4	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	8	0.0	0.3	**0.1**	0.00	0.02	4	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	441	2.1	13.8	**8.2**	0.45	1.04	108	0.6	3.2	**1.6**	0.08	0.21	*C15*
Stomach	296	1.4	9.3	**5.4**	0.29	0.63	162	0.8	4.8	**2.2**	0.11	0.24	*C16*
Small intestine	89	0.4	2.8	**1.6**	0.09	0.17	87	0.4	2.6	**1.4**	0.07	0.16	*C17*
Colon	1415	6.6	44.2	**24.9**	1.09	2.88	1590	8.2	47.4	**20.6**	0.93	2.30	*C18*
Rectum	667	3.1	20.8	**12.6**	0.75	1.51	467	2.4	13.9	**7.2**	0.41	0.84	*C19-20*
Anus	59	0.3	1.8	**1.3**	0.08	0.16	86	0.4	2.6	**1.4**	0.09	0.15	*C21*
Liver	251	1.2	7.8	**4.5**	0.24	0.54	116	0.6	3.5	**1.7**	0.09	0.19	*C22*
Gallbladder etc.	101	0.5	3.2	**1.7**	0.07	0.19	140	0.7	4.2	**1.8**	0.08	0.21	*C23-24*
Pancreas	477	2.2	14.9	**8.5**	0.44	0.99	488	2.5	14.5	**6.5**	0.29	0.78	*C25*
Nose, sinuses etc.	40	0.2	1.3	**0.8**	0.05	0.10	20	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	278	1.3	8.7	**5.2**	0.32	0.66	81	0.4	2.4	**1.4**	0.09	0.19	*C32*
Trachea, bronchus and lung	3424	16.0	107.0	**60.8**	2.69	7.47	2853	14.7	85.0	**43.0**	2.14	5.50	*C33-34*
Other thoracic organs	16	0.1	0.5	**0.3**	0.02	0.04	17	0.1	0.5	**0.4**	0.01	0.03	*C37-38*
Bone	55	0.3	1.7	**1.5**	0.10	0.12	37	0.2	1.1	**0.8**	0.06	0.06	*C40-41*
Melanoma of skin	904	4.2	28.3	**18.2**	1.12	2.08	737	3.8	22.0	**14.7**	1.07	1.48	*C43*
Other skin	76		2.4	**1.4**	0.07	0.14	54		1.6	**0.9**	0.06	0.09	*C44*
Mesothelioma	88	0.4	2.8	**1.4**	0.04	0.16	28	0.1	0.8	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	11	0.1	0.3	**0.2**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	126	0.6	3.9	**2.6**	0.13	0.26	104	0.5	3.1	**2.3**	0.15	0.20	*C47+C49*
Breast	74	0.3	2.3	**1.4**	0.06	0.17	5272	27.1	157.1	**91.3**	6.31	10.59	*C50*
Vulva							128	0.7	3.8	**1.9**	0.12	0.21	*C51*
Vagina							32	0.2	1.0	**0.5**	0.02	0.05	*C52*
Cervix uteri							269	1.4	8.0	**6.0**	0.45	0.59	*C53*
Corpus uteri							1273	6.6	37.9	**22.9**	1.74	2.80	*C54*
Uterus unspecified							24	0.1	0.7	**0.4**	0.03	0.05	*C55*
Ovary							509	2.6	15.2	**8.8**	0.60	1.03	*C56*
Other female genital organs							40	0.2	1.2	**0.6**	0.04	0.07	*C57*
Placenta							3	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	40	0.2	1.3	**0.8**	0.04	0.10							*C60*
Prostate	5975	27.9	186.8	**112.9**	5.73	15.36							*C61*
Testis	195	0.9	6.1	**5.8**	0.44	0.44							*C62*
Other male genital organs	8	0.0	0.3	**0.1**	0.01	0.01							*C63*
Kidney	655	3.1	20.5	**13.0**	0.78	1.58	471	2.4	14.0	**8.0**	0.51	0.95	*C64*
Renal pelvis	34	0.2	1.1	**0.6**	0.02	0.06	26	0.1	0.8	**0.3**	0.02	0.03	*C65*
Ureter	24	0.1	0.8	**0.4**	0.00	0.04	18	0.1	0.5	**0.2**	0.00	0.03	*C66*
Bladder	1666	7.8	52.1	**28.8**	1.16	3.40	604	3.1	18.0	**8.3**	0.39	0.97	*C67*
Other urinary organs	12	0.1	0.4	**0.2**	0.01	0.02	5	0.0	0.1	**0.1**	0.00	0.00	*C68*
Eye	36	0.2	1.1	**0.7**	0.04	0.09	36	0.2	1.1	**0.7**	0.04	0.06	*C69*
Brain, nervous system	329	1.5	10.3	**7.8**	0.50	0.75	237	1.2	7.1	**4.8**	0.27	0.46	*C70-72*
Thyroid	154	0.7	4.8	**3.7**	0.29	0.36	583	3.0	17.4	**13.9**	1.06	1.25	*C73*
Adrenal gland	6	0.0	0.2	**0.3**	0.01	0.01	15	0.1	0.4	**0.5**	0.03	0.04	*C74*
Other endocrine	5	0.0	0.2	**0.2**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	125	0.6	3.9	**3.4**	0.25	0.30	102	0.5	3.0	**2.8**	0.18	0.23	*C81*
Non-Hodgkin lymphoma	848	4.0	26.5	**16.6**	0.90	1.73	795	4.1	23.7	**12.5**	0.72	1.41	*C82-85,C96*
Immunoproliferative diseases	19	0.1	0.6	**0.3**	0.01	0.04	20	0.1	0.6	**0.2**	0.00	0.02	*C88*
Multiple myeloma	240	1.1	7.5	**4.3**	0.21	0.51	193	1.0	5.8	**2.7**	0.12	0.32	*C90*
Lymphoid leukaemia	368	1.7	11.5	**7.6**	0.39	0.82	252	1.3	7.5	**4.7**	0.21	0.44	*C91*
Myeloid leukaemia	295	1.4	9.2	**5.7**	0.26	0.59	194	1.0	5.8	**3.5**	0.20	0.35	*C92-94*
Leukaemia unspecified	10	0.0	0.3	**0.2**	0.01	0.01	19	0.1	0.6	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	109	0.5	3.4	**2.0**	0.11	0.23	139	0.7	4.1	**2.1**	0.11	0.24	*MPD*
Myelodysplastic syndromes	230	1.1	7.2	**3.7**	0.09	0.39	135	0.7	4.0	**1.6**	0.05	0.17	*MDS*
Other and unspecified	531	2.5	16.6	**9.3**	0.42	1.00	647	3.3	19.3	**7.8**	0.30	0.86	*O&U*
All sites	21475		671.2	**404.1**	20.69	48.74	19480		580.5	**320.0**	19.61	36.50	*C00-96*
All sites except C44	21399	100.0	668.9	**402.7**	20.62	48.60	19426	100.0	578.8	**319.1**	19.55	36.41	*C00-96 exc. C44*

USA, Massachusetts

REGISTRATION AREA

The Massachusetts Cancer Registry (MCR) covers the population of the state of the Commonwealth of Massachusetts in the USA. At the 2011 census, the population was estimated at 6.5 million. The population is 76.4% non-Hispanic White, 7.6% non-Hispanic Black, 9.9% Hispanic, 5.6% non-Hispanic Asian, and 0.5% non-Hispanic Native American.

CANCER CARE FACILITIES

In 2012, a total of 65 acute care hospitals, six radiation centres, three endoscopy centres, four surgical centres, 19 independent laboratories, two medical practice associations, four radiation/oncology centres, and approximately 500 private-practice physicians in Massachusetts reported to the MCR.

REGISTRY STRUCTURE AND METHODS

The MCR is located within the Bureau of Health Information, Statistics, Research and Evaluation (BHISRE) at the Massachusetts Department of Public Health (MDPH). It is funded by the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR) (75%) and the Commonwealth of Massachusetts (25%). The registry staff includes a director, six operations staff members (quality assurance and data acquisition), two epidemiology staff members, two geographical information systems/special project staff members, and two systems analysts. The MCR follows CDC/NPCR programme requirements for data collection and reporting and has achieved North American Association of Central Cancer Registries (NAACCR) Gold Certification for completeness, quality, and timeliness for the past several years.

INTERPRETING THE RESULTS

The MCR has been collecting reports on melanoma cases from dermatologists and dermatology laboratories since 2001, and reports from urologists' offices since 2012. Data are collected on in situ and invasive cancers (including bladder cancers) and benign tumours of the brain and associated tissues, but not on basal or squamous cell skin cancers. There are organized screening programmes at the state level for breast, cervical, and colorectal cancers.

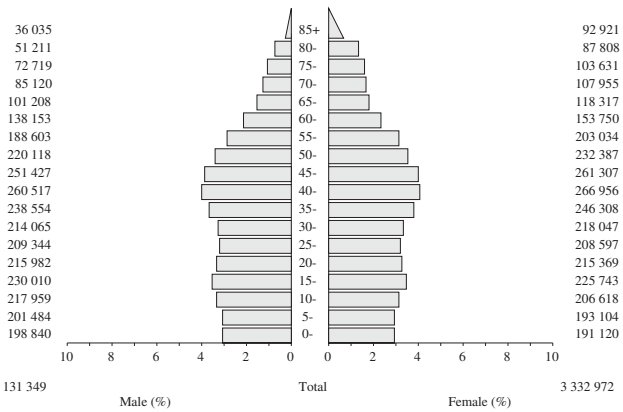
USE OF THE DATA

The MCR produces two annual reports: *Cancer Incidence and Mortality in Massachusetts* (which provides information on cancer incidence and mortality for the state as a whole) and *Cancer Incidence in Massachusetts: City and Town Supplement* (which provides information on cancer incidence for the state's 351 cities and towns). The registry also produces several special topic reports. MCR data are available to the public online from the MassCHIP website (http://www.mass.gov/eohhs/researcher/community-health/masschip/). The registry's data are also used for programme planning and evaluation, and by external researchers for epidemiological studies.

CONTRIBUTOR

Susan Gershman

USA, Massachusetts (2003-2007)
Average annual person-years by sex and age group

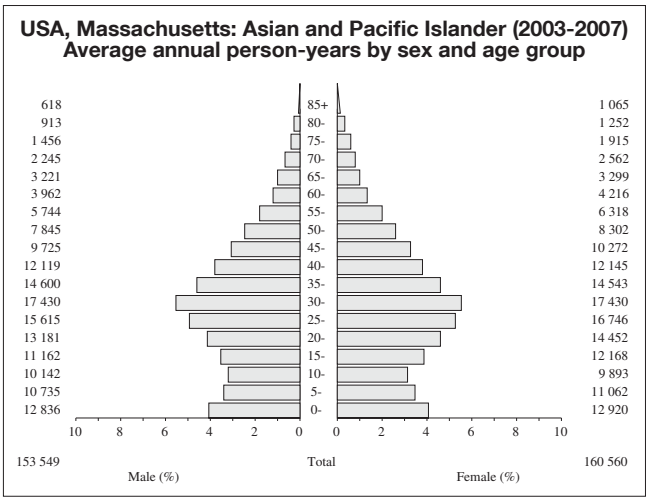


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

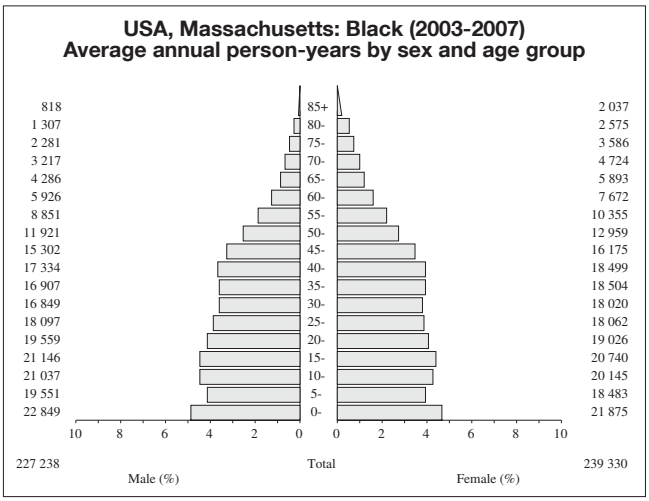
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	115.2	Breast	93.3
Trachea, bronchus and lung	51.3	Trachea, bronchus and lung	41.5
Bladder	26.6	Corpus uteri	21.5
Colon	24.5	Colon	18.8
Melanoma of skin	18.3	Thyroid	18.7
Non-Hodgkin lymphoma	16.1	Melanoma of skin	14.1
Kidney	14.0	Non-Hodgkin lymphoma	11.2
Rectum	12.2	Ovary	9.5
Pancreas	8.5	Bladder	7.9
Oesophagus	7.6	Rectum	7.2
All sites	391.7	All sites	315.1



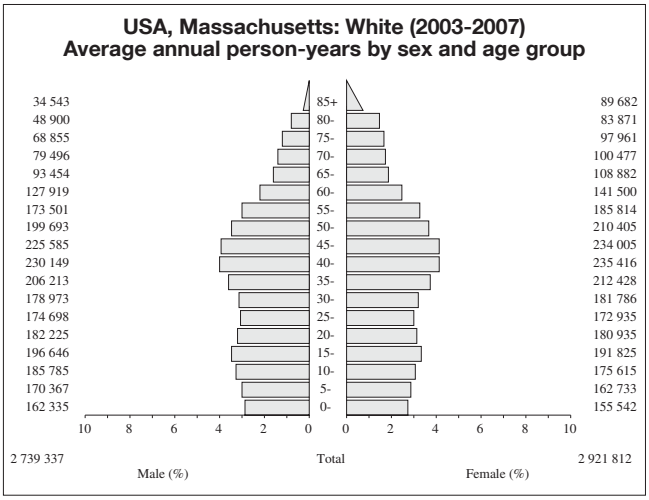
USA, MASSACHUSETTS: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	37.8	Breast	48.4
Trachea, bronchus and lung	26.6	Thyroid	19.6
Liver	22.3	Trachea, bronchus and lung	18.1
Colon	14.8	Colon	14.6
Rectum	9.6	Corpus uteri	11.6
Non-Hodgkin lymphoma	9.0	Rectum	6.3
Stomach	7.5	Stomach	6.2
Bladder	5.6	Non-Hodgkin lymphoma	6.1
Kidney	5.5	Ovary	6.1
Thyroid	4.4	Liver	4.9
All sites	182.3	All sites	183.9



USA, MASSACHUSETTS: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	170.7	Breast	73.7
Trachea, bronchus and lung	54.5	Trachea, bronchus and lung	28.9
Colon	23.2	Colon	19.2
Kidney	13.9	Corpus uteri	14.9
Non-Hodgkin lymphoma	12.7	Thyroid	14.6
Bladder	12.3	Non-Hodgkin lymphoma	8.6
Stomach	11.6	Pancreas	7.3
Liver	10.8	Other and unspecified	6.9
Rectum	10.7	Kidney	6.7
Other and unspecified	9.8	Cervix uteri	6.5
All sites	402.2	All sites	248.1



USA, MASSACHUSETTS: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	111.1	Breast	95.2
Trachea, bronchus and lung	51.8	Trachea, bronchus and lung	42.8
Bladder	27.5	Corpus uteri	21.9
Colon	24.6	Colon	18.8
Melanoma of skin	18.5	Thyroid	18.6
Non-Hodgkin lymphoma	16.2	Melanoma of skin	14.3
Kidney	14.2	Non-Hodgkin lymphoma	11.3
Rectum	12.1	Ovary	9.7
Pancreas	8.7	Bladder	8.2
Oesophagus	7.8	Rectum	7.2
All sites	390.5	All sites	319.6

USA, Massachusetts (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	113	0.1	0.7	**0.5**	0.02	0.05	46	0.1	0.3	**0.1**	0.01	0.01	*C00*
Tongue	763	0.9	4.9	**3.5**	0.26	0.43	349	0.4	2.1	**1.3**	0.09	0.15	*C01-02*
Mouth	461	0.5	2.9	**2.1**	0.13	0.27	333	0.4	2.0	**1.1**	0.06	0.13	*C03-06*
Salivary glands	221	0.2	1.4	**1.0**	0.06	0.10	210	0.2	1.3	**0.8**	0.05	0.08	*C07-08*
Tonsil	484	0.5	3.1	**2.3**	0.20	0.28	124	0.1	0.7	**0.5**	0.04	0.07	*C09*
Other oropharynx	107	0.1	0.7	**0.5**	0.04	0.06	45	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	148	0.2	0.9	**0.7**	0.05	0.07	74	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	225	0.3	1.4	**1.0**	0.06	0.12	64	0.1	0.4	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	53	0.1	0.3	**0.2**	0.01	0.03	9	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	1773	2.0	11.3	**7.6**	0.44	0.95	498	0.6	3.0	**1.5**	0.06	0.19	*C15*
Stomach	1579	1.8	10.1	**6.4**	0.29	0.72	1014	1.2	6.1	**2.8**	0.13	0.31	*C16*
Small intestine	371	0.4	2.4	**1.6**	0.10	0.19	314	0.4	1.9	**1.1**	0.06	0.14	*C17*
Colon	6089	6.8	38.9	**24.5**	1.12	2.83	6767	7.7	40.6	**18.8**	0.86	2.09	*C18*
Rectum	2819	3.2	18.0	**12.2**	0.71	1.45	2178	2.5	13.1	**7.2**	0.42	0.84	*C19-20*
Anus	197	0.2	1.3	**0.9**	0.06	0.10	316	0.4	1.9	**1.2**	0.09	0.14	*C21*
Liver	1681	1.9	10.7	**7.5**	0.49	0.90	615	0.7	3.7	**2.0**	0.11	0.23	*C22*
Gallbladder etc.	472	0.5	3.0	**1.9**	0.08	0.22	584	0.7	3.5	**1.6**	0.07	0.18	*C23-24*
Pancreas	2073	2.3	13.2	**8.5**	0.41	1.03	2259	2.6	13.6	**6.6**	0.29	0.77	*C25*
Nose, sinuses etc.	121	0.1	0.8	**0.6**	0.04	0.06	87	0.1	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	1054	1.2	6.7	**4.7**	0.26	0.61	307	0.3	1.8	**1.2**	0.07	0.16	*C32*
Trachea, bronchus and lung	12337	13.8	78.8	**51.3**	2.24	6.47	12477	14.2	74.9	**41.5**	2.09	5.40	*C33-34*
Other thoracic organs	109	0.1	0.7	**0.6**	0.03	0.05	75	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	182	0.2	1.2	**1.1**	0.07	0.09	173	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	4135	4.6	26.4	**18.3**	1.10	2.08	3485	4.0	20.9	**14.1**	1.00	1.44	*C43*
Other skin	358		2.3	**1.5**	0.07	0.16	312		1.9	**1.1**	0.06	0.11	*C44*
Mesothelioma	381	0.4	2.4	**1.5**	0.06	0.17	100	0.1	0.6	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	139	0.2	0.9	**0.6**	0.05	0.06	25	0.0	0.2	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	574	0.6	3.7	**2.8**	0.15	0.27	465	0.5	2.8	**2.0**	0.12	0.18	*C47+C49*
Breast	208	0.2	1.3	**0.9**	0.04	0.11	24628	28.1	147.8	**93.3**	6.65	10.73	*C50*
Vulva							545	0.6	3.3	**1.8**	0.10	0.20	*C51*
Vagina							123	0.1	0.7	**0.4**	0.03	0.05	*C52*
Cervix uteri							1058	1.2	6.3	**4.7**	0.36	0.46	*C53*
Corpus uteri							5486	6.3	32.9	**21.5**	1.61	2.63	*C54*
Uterus unspecified							116	0.1	0.7	**0.3**	0.02	0.03	*C55*
Ovary							2566	2.9	15.4	**9.5**	0.63	1.08	*C56*
Other female genital organs							173	0.2	1.0	**0.7**	0.04	0.08	*C57*
Placenta							12	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	153	0.2	1.0	**0.6**	0.02	0.07							*C60*
Prostate	25363	28.4	162.0	**115.2**	6.46	15.70							*C61*
Testis	997	1.1	6.4	**5.7**	0.43	0.45							*C62*
Other male genital organs	37	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	3149	3.5	20.1	**14.0**	0.86	1.64	1932	2.2	11.6	**7.0**	0.43	0.84	*C64*
Renal pelvis	130	0.1	0.8	**0.5**	0.02	0.06	106	0.1	0.6	**0.3**	0.01	0.04	*C65*
Ureter	117	0.1	0.7	**0.5**	0.01	0.06	70	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	6685	7.5	42.7	**26.6**	1.08	3.15	2583	2.9	15.5	**7.9**	0.36	0.98	*C67*
Other urinary organs	98	0.1	0.6	**0.4**	0.01	0.04	30	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	185	0.2	1.2	**0.9**	0.05	0.10	178	0.2	1.1	**0.8**	0.05	0.08	*C69*
Brain, nervous system	1346	1.5	8.6	**6.9**	0.42	0.67	1129	1.3	6.8	**5.3**	0.31	0.49	*C70-72*
Thyroid	1206	1.4	7.7	**5.9**	0.43	0.62	3967	4.5	23.8	**18.7**	1.47	1.82	*C73*
Adrenal gland	66	0.1	0.4	**0.5**	0.03	0.03	64	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	26	0.0	0.2	**0.2**	0.01	0.01	24	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	609	0.7	3.9	**3.5**	0.24	0.28	493	0.6	3.0	**2.7**	0.18	0.21	*C81*
Non-Hodgkin lymphoma	3689	4.1	23.6	**16.1**	0.91	1.74	3371	3.8	20.2	**11.2**	0.64	1.24	*C82-85,C96*
Immunoproliferative diseases	153	0.2	1.0	**0.6**	0.03	0.08	91	0.1	0.5	**0.3**	0.01	0.03	*C88*
Multiple myeloma	1066	1.2	6.8	**4.4**	0.22	0.53	840	1.0	5.0	**2.6**	0.14	0.31	*C90*
Lymphoid leukaemia	1209	1.4	7.7	**6.1**	0.33	0.59	879	1.0	5.3	**3.8**	0.19	0.34	*C91*
Myeloid leukaemia	1038	1.2	6.6	**4.5**	0.23	0.47	878	1.0	5.3	**3.3**	0.19	0.33	*C92-94*
Leukaemia unspecified	91	0.1	0.6	**0.3**	0.00	0.02	90	0.1	0.5	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	378	0.4	2.4	**1.5**	0.08	0.17	427	0.5	2.6	**1.4**	0.07	0.15	*MPD*
Myelodysplastic syndromes	766	0.9	4.9	**2.8**	0.07	0.29	597	0.7	3.6	**1.6**	0.06	0.17	*MDS*
Other and unspecified	1880	2.1	12.0	**7.4**	0.32	0.81	2306	2.6	13.8	**6.3**	0.27	0.71	*O&U*
All sites	89664		572.7	**391.7**	20.93	47.51	88067		528.5	**315.1**	19.70	35.96	*C00-96*
All sites except C44	89306	100.0	570.4	**390.2**	20.85	47.35	87755	100.0	526.6	**314.0**	19.64	35.85	*C00-96 exc. C44*

USA, Massachusetts: Asian and Pacific Islander (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.2**	0.00	0.04	*C00*
Tongue	5	0.4	0.7	**0.8**	0.06	0.11	6	0.4	0.7	**0.9**	0.06	0.13	*C01-02*
Mouth	2	0.2	0.3	**0.2**	0.02	0.02	6	0.4	0.7	**0.7**	0.02	0.06	*C03-06*
Salivary glands	1	0.1	0.1	**0.1**	0.01	0.01	7	0.5	0.9	**0.8**	0.07	0.07	*C07-08*
Tonsil	5	0.4	0.7	**0.5**	0.06	0.06	2	0.1	0.2	**0.2**	0.03	0.03	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	31	2.6	4.0	**4.0**	0.27	0.45	24	1.6	3.0	**3.0**	0.23	0.36	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	21	1.7	2.7	**3.2**	0.13	0.30	6	0.4	0.7	**0.9**	0.03	0.18	*C15*
Stomach	48	4.0	6.3	**7.5**	0.26	0.84	49	3.3	6.1	**6.2**	0.30	0.82	*C16*
Small intestine	5	0.4	0.7	**0.8**	0.03	0.15	6	0.4	0.7	**0.9**	0.02	0.12	*C17*
Colon	96	7.9	12.5	**14.8**	0.75	1.71	114	7.8	14.2	**14.6**	0.69	1.68	*C18*
Rectum	66	5.4	8.6	**9.6**	0.49	1.17	50	3.4	6.2	**6.3**	0.51	0.65	*C19-20*
Anus	1	0.1	0.1	**0.1**	0.02	0.02	4	0.3	0.5	**0.5**	0.01	0.09	*C21*
Liver	155	12.8	20.2	**22.3**	1.48	2.78	37	2.5	4.6	**4.9**	0.22	0.70	*C22*
Gallbladder etc.	15	1.2	2.0	**2.4**	0.08	0.36	17	1.2	2.1	**2.2**	0.06	0.26	*C23-24*
Pancreas	24	2.0	3.1	**3.5**	0.18	0.33	38	2.6	4.7	**4.8**	0.22	0.50	*C25*
Nose, sinuses etc.	2	0.2	0.3	**0.4**	0.03	0.06	1	0.1	0.1	**0.1**	0.00	0.00	*C30-31*
Larynx	5	0.4	0.7	**0.8**	0.03	0.11	1	0.1	0.1	**0.2**	0.02	0.02	*C32*
Trachea, bronchus and lung	181	14.9	23.6	**26.6**	1.07	3.02	136	9.3	16.9	**18.1**	0.79	2.23	*C33-34*
Other thoracic organs	6	0.5	0.8	**0.8**	0.06	0.06	3	0.2	0.4	**0.3**	0.02	0.02	*C37-38*
Bone	5	0.4	0.7	**0.8**	0.05	0.05	2	0.1	0.2	**0.2**	0.01	0.01	*C40-41*
Melanoma of skin	5	0.4	0.7	**0.6**	0.03	0.06	7	0.5	0.9	**0.8**	0.04	0.07	*C43*
Other skin	3		0.4	**0.4**	0.01	0.05	4		0.5	**0.5**	0.02	0.02	*C44*
Mesothelioma	1	0.1	0.1	**0.2**	0.03	0.03	1	0.1	0.1	**0.2**	0.00	0.03	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	8	0.7	1.0	**1.3**	0.06	0.18	5	0.3	0.6	**0.7**	0.04	0.11	*C47+C49*
Breast	1	0.1	0.1	**0.1**	0.01	0.01	394	26.8	49.1	**48.4**	3.76	5.49	*C50*
Vulva							3	0.2	0.4	**0.5**	0.05	0.05	*C51*
Vagina							2	0.1	0.2	**0.3**	0.03	0.03	*C52*
Cervix uteri							37	2.5	4.6	**4.2**	0.31	0.45	*C53*
Corpus uteri							89	6.1	11.1	**11.6**	0.92	1.29	*C54*
Uterus unspecified							2	0.1	0.2	**0.2**	0.03	0.03	*C55*
Ovary							50	3.4	6.2	**6.1**	0.50	0.71	*C56*
Other female genital organs							8	0.5	1.0	**1.1**	0.07	0.10	*C57*
Placenta							1	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	5	0.4	0.7	**0.8**	0.07	0.11							*C60*
Prostate	229	18.9	29.8	**37.8**	1.35	5.68							*C61*
Testis	9	0.7	1.2	**0.9**	0.06	0.06							*C62*
Other male genital organs	1	0.1	0.1	**0.1**	0.02	0.02							*C63*
Kidney	36	3.0	4.7	**5.5**	0.35	0.71	21	1.4	2.6	**2.4**	0.09	0.28	*C64*
Renal pelvis	1	0.1	0.1	**0.2**	0.00	0.04	2	0.1	0.2	**0.3**	0.00	0.04	*C65*
Ureter	2	0.2	0.3	**0.4**	0.00	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	37	3.0	4.8	**5.6**	0.21	0.78	15	1.0	1.9	**2.0**	0.09	0.25	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.1**	0.01	0.01	*C69*
Brain, nervous system	17	1.4	2.2	**2.4**	0.15	0.19	16	1.1	2.0	**2.2**	0.11	0.21	*C70-72*
Thyroid	36	3.0	4.7	**4.4**	0.36	0.49	173	11.8	21.5	**19.6**	1.52	2.14	*C73*
Adrenal gland	1	0.1	0.1	**0.2**	0.01	0.01	1	0.1	0.1	**0.1**	0.02	0.02	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.2	**0.3**	0.02	0.02	*C75*
Hodgkin lymphoma	7	0.6	0.9	**0.9**	0.05	0.12	4	0.3	0.5	**0.4**	0.02	0.06	*C81*
Non-Hodgkin lymphoma	61	5.0	7.9	**9.0**	0.52	1.07	50	3.4	6.2	**6.1**	0.33	0.61	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.2**	0.00	0.03	*C88*
Multiple myeloma	9	0.7	1.2	**1.5**	0.09	0.12	6	0.4	0.7	**0.9**	0.06	0.10	*C90*
Lymphoid leukaemia	10	0.8	1.3	**1.5**	0.09	0.12	7	0.5	0.9	**1.1**	0.06	0.10	*C91*
Myeloid leukaemia	25	2.1	3.3	**3.6**	0.19	0.42	18	1.2	2.2	**2.4**	0.20	0.23	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	4	0.3	0.5	**0.5**	0.02	0.07	9	0.6	1.1	**0.9**	0.08	0.08	*MPD*
Myelodysplastic syndromes	6	0.5	0.8	**0.7**	0.01	0.01	4	0.3	0.5	**0.5**	0.01	0.08	*MDS*
Other and unspecified	28	2.3	3.6	**4.3**	0.22	0.44	31	2.1	3.9	**3.7**	0.11	0.32	*O&U*
All sites	1217		158.5	**182.3**	8.96	22.50	1474		183.6	**183.9**	11.80	20.92	*C00-96*
All sites except C44	1214	100.0	158.1	**181.9**	8.95	22.45	1470	100.0	183.1	**183.4**	11.79	20.90	*C00-96 exc. C44*

USA, Massachusetts: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	14	0.4	1.2	**1.3**	0.11	0.14	11	0.3	0.9	**0.9**	0.06	0.12	*C01-02*
Mouth	24	0.6	2.1	**2.7**	0.21	0.30	7	0.2	0.6	**0.5**	0.03	0.07	*C03-06*
Salivary glands	12	0.3	1.1	**0.9**	0.08	0.08	18	0.6	1.5	**1.3**	0.10	0.12	*C07-08*
Tonsil	20	0.5	1.8	**2.0**	0.19	0.25	3	0.1	0.3	**0.2**	0.03	0.03	*C09*
Other oropharynx	5	0.1	0.4	**0.6**	0.05	0.09	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	11	0.3	1.0	**1.1**	0.08	0.10	2	0.1	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	15	0.4	1.3	**1.5**	0.11	0.16	7	0.2	0.6	**0.5**	0.01	0.07	*C12-13*
Pharynx unspecified	3	0.1	0.3	**0.3**	0.02	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	68	1.8	6.0	**7.4**	0.41	0.89	29	0.9	2.4	**2.2**	0.13	0.28	*C15*
Stomach	111	2.9	9.8	**11.6**	0.57	1.39	70	2.2	5.8	**4.8**	0.25	0.45	*C16*
Small intestine	20	0.5	1.8	**1.9**	0.18	0.24	16	0.5	1.3	**1.2**	0.08	0.19	*C17*
Colon	222	5.9	19.5	**23.2**	1.15	2.89	265	8.2	22.1	**19.2**	1.04	2.04	*C18*
Rectum	112	3.0	9.9	**10.7**	0.69	1.16	73	2.3	6.1	**5.6**	0.36	0.61	*C19-20*
Anus	9	0.2	0.8	**0.9**	0.05	0.11	13	0.4	1.1	**0.9**	0.07	0.09	*C21*
Liver	111	2.9	9.8	**10.8**	0.76	1.24	34	1.1	2.8	**2.5**	0.13	0.24	*C22*
Gallbladder etc.	20	0.5	1.8	**2.0**	0.12	0.27	30	0.9	2.5	**2.3**	0.08	0.31	*C23-24*
Pancreas	80	2.1	7.0	**8.5**	0.46	1.12	97	3.0	8.1	**7.3**	0.33	0.91	*C25*
Nose, sinuses etc.	3	0.1	0.3	**0.3**	0.03	0.03	5	0.2	0.4	**0.3**	0.03	0.03	*C30-31*
Larynx	36	0.9	3.2	**3.8**	0.27	0.46	17	0.5	1.4	**1.4**	0.07	0.23	*C32*
Trachea, bronchus and lung	500	13.2	44.0	**54.5**	2.52	7.02	370	11.4	30.9	**28.9**	1.59	3.65	*C33-34*
Other thoracic organs	7	0.2	0.6	**0.6**	0.05	0.05	4	0.1	0.3	**0.3**	0.02	0.02	*C37-38*
Bone	11	0.3	1.0	**1.0**	0.05	0.05	11	0.3	0.9	**0.9**	0.06	0.06	*C40-41*
Melanoma of skin	10	0.3	0.9	**0.9**	0.06	0.09	9	0.3	0.8	**0.6**	0.03	0.05	*C43*
Other skin	9		0.8	**0.8**	0.05	0.07	15		1.3	**1.2**	0.10	0.13	*C44*
Mesothelioma	6	0.2	0.5	**0.7**	0.00	0.12	1	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	22	0.6	1.9	**1.9**	0.13	0.22	2	0.1	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	18	0.5	1.6	**1.8**	0.11	0.16	21	0.6	1.8	**1.7**	0.13	0.17	*C47+C49*
Breast	11	0.3	1.0	**1.4**	0.04	0.21	962	29.7	80.4	**73.7**	5.26	8.54	*C50*
Vulva							14	0.4	1.2	**1.0**	0.08	0.11	*C51*
Vagina							16	0.5	1.3	**1.3**	0.08	0.15	*C52*
Cervix uteri							90	2.8	7.5	**6.5**	0.46	0.73	*C53*
Corpus uteri							181	5.6	15.1	**14.9**	0.99	1.95	*C54*
Uterus unspecified							11	0.3	0.9	**0.7**	0.02	0.06	*C55*
Ovary							62	1.9	5.2	**4.8**	0.30	0.61	*C56*
Other female genital organs							5	0.2	0.4	**0.4**	0.01	0.06	*C57*
Placenta							2	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	4	0.1	0.4	**0.5**	0.01	0.07							*C60*
Prostate	1543	40.7	135.8	**170.7**	10.12	23.08							*C61*
Testis	12	0.3	1.1	**0.9**	0.07	0.07							*C62*
Other male genital organs	1	0.0	0.1	**0.1**	0.00	0.02							*C63*
Kidney	140	3.7	12.3	**13.9**	0.79	1.65	83	2.6	6.9	**6.7**	0.53	0.80	*C64*
Renal pelvis	2	0.1	0.2	**0.3**	0.00	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	6	0.2	0.5	**0.7**	0.02	0.07	2	0.1	0.2	**0.1**	0.00	0.00	*C66*
Bladder	118	3.1	10.4	**12.3**	0.58	1.36	53	1.6	4.4	**3.7**	0.14	0.43	*C67*
Other urinary organs	5	0.1	0.4	**0.5**	0.02	0.05	2	0.1	0.2	**0.2**	0.00	0.03	*C68*
Eye	1	0.0	0.1	**0.1**	0.00	0.00	7	0.2	0.6	**0.6**	0.04	0.04	*C69*
Brain, nervous system	29	0.8	2.6	**2.5**	0.20	0.23	20	0.6	1.7	**1.7**	0.13	0.17	*C70-72*
Thyroid	32	0.8	2.8	**2.9**	0.25	0.29	189	5.8	15.8	**14.6**	1.16	1.50	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	3	0.1	0.3	**0.2**	0.02	0.02	*C74*
Other endocrine	2	0.1	0.2	**0.2**	0.01	0.01	1	0.0	0.1	**0.1**	0.00	0.02	*C75*
Hodgkin lymphoma	21	0.6	1.8	**1.8**	0.13	0.17	22	0.7	1.8	**1.7**	0.12	0.16	*C81*
Non-Hodgkin lymphoma	137	3.6	12.1	**12.7**	0.84	1.33	111	3.4	9.3	**8.6**	0.59	0.91	*C82-85,C96*
Immunoproliferative diseases	5	0.1	0.4	**0.5**	0.02	0.09	1	0.0	0.1	**0.1**	0.00	0.00	*C88*
Multiple myeloma	74	2.0	6.5	**7.7**	0.44	1.01	77	2.4	6.4	**5.7**	0.36	0.61	*C90*
Lymphoid leukaemia	28	0.7	2.5	**2.8**	0.13	0.28	30	0.9	2.5	**2.4**	0.11	0.22	*C91*
Myeloid leukaemia	39	1.0	3.4	**4.0**	0.26	0.43	42	1.3	3.5	**3.2**	0.22	0.33	*C92-94*
Leukaemia unspecified	2	0.1	0.2	**0.2**	0.01	0.04	3	0.1	0.3	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	10	0.3	0.9	**1.0**	0.06	0.11	17	0.5	1.4	**1.3**	0.07	0.15	*MPD*
Myelodysplastic syndromes	9	0.2	0.8	**0.9**	0.05	0.11	17	0.5	1.4	**1.1**	0.06	0.13	*MDS*
Other and unspecified	92	2.4	8.1	**9.8**	0.50	1.23	96	3.0	8.0	**6.9**	0.27	0.84	*O&U*
All sites	3802		334.6	**402.2**	23.06	50.68	3250		271.6	**248.1**	15.80	28.53	*C00-96*
All sites except C44	3793	100.0	333.8	**401.4**	23.01	50.60	3235	100.0	270.3	**246.9**	15.70	28.40	*C00-96 exc. C44*

USA, Massachusetts: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	106	0.1	0.8	**0.5**	0.02	0.05	44	0.1	0.3	**0.1**	0.01	0.01	*C00*
Tongue	739	0.9	5.4	**3.7**	0.27	0.45	326	0.4	2.2	**1.3**	0.09	0.15	*C01-02*
Mouth	424	0.5	3.1	**2.1**	0.13	0.27	314	0.4	2.1	**1.1**	0.06	0.13	*C03-06*
Salivary glands	203	0.2	1.5	**1.0**	0.05	0.10	181	0.2	1.2	**0.8**	0.05	0.08	*C07-08*
Tonsil	456	0.6	3.3	**2.4**	0.20	0.28	118	0.1	0.8	**0.5**	0.04	0.07	*C09*
Other oropharynx	102	0.1	0.7	**0.5**	0.04	0.06	44	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	105	0.1	0.8	**0.5**	0.04	0.06	48	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	208	0.3	1.5	**1.0**	0.06	0.13	56	0.1	0.4	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	49	0.1	0.4	**0.2**	0.01	0.03	9	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	1676	2.0	12.2	**7.8**	0.45	0.97	459	0.6	3.1	**1.5**	0.06	0.19	*C15*
Stomach	1405	1.7	10.3	**6.0**	0.27	0.68	882	1.1	6.0	**2.6**	0.11	0.28	*C16*
Small intestine	341	0.4	2.5	**1.6**	0.10	0.18	290	0.4	2.0	**1.1**	0.06	0.13	*C17*
Colon	5696	6.9	41.6	**24.6**	1.11	2.82	6334	7.7	43.4	**18.8**	0.84	2.08	*C18*
Rectum	2600	3.2	19.0	**12.1**	0.71	1.46	2031	2.5	13.9	**7.2**	0.42	0.85	*C19-20*
Anus	186	0.2	1.4	**0.9**	0.06	0.10	294	0.4	2.0	**1.2**	0.09	0.14	*C21*
Liver	1401	1.7	10.2	**6.7**	0.43	0.81	532	0.6	3.6	**1.9**	0.10	0.21	*C22*
Gallbladder etc.	432	0.5	3.2	**1.8**	0.08	0.21	529	0.6	3.6	**1.5**	0.07	0.17	*C23-24*
Pancreas	1961	2.4	14.3	**8.7**	0.42	1.04	2117	2.6	14.5	**6.6**	0.29	0.77	*C25*
Nose, sinuses etc.	113	0.1	0.8	**0.6**	0.04	0.06	80	0.1	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	1001	1.2	7.3	**4.8**	0.27	0.62	287	0.4	2.0	**1.2**	0.07	0.16	*C32*
Trachea, bronchus and lung	11614	14.1	84.8	**51.8**	2.26	6.53	11927	14.6	81.6	**42.8**	2.16	5.57	*C33-34*
Other thoracic organs	94	0.1	0.7	**0.5**	0.03	0.05	68	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	161	0.2	1.2	**1.1**	0.07	0.09	156	0.2	1.1	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	3835	4.7	28.0	**18.5**	1.12	2.10	3202	3.9	21.9	**14.3**	1.03	1.46	*C43*
Other skin	327		2.4	**1.5**	0.07	0.16	282		1.9	**1.0**	0.06	0.10	*C44*
Mesothelioma	371	0.4	2.7	**1.5**	0.06	0.17	97	0.1	0.7	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	100	0.1	0.7	**0.5**	0.04	0.04	23	0.0	0.2	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	534	0.6	3.9	**2.8**	0.16	0.28	433	0.5	3.0	**2.1**	0.12	0.18	*C47+C49*
Breast	194	0.2	1.4	**0.9**	0.04	0.11	23046	28.1	157.8	**95.2**	6.79	10.95	*C50*
Vulva							520	0.6	3.6	**1.8**	0.10	0.20	*C51*
Vagina							103	0.1	0.7	**0.4**	0.02	0.04	*C52*
Cervix uteri							911	1.1	6.2	**4.6**	0.35	0.44	*C53*
Corpus uteri							5133	6.3	35.1	**21.9**	1.64	2.67	*C54*
Uterus unspecified							102	0.1	0.7	**0.3**	0.02	0.03	*C55*
Ovary							2428	3.0	16.6	**9.7**	0.64	1.11	*C56*
Other female genital organs							158	0.2	1.1	**0.6**	0.04	0.09	*C57*
Placenta							9	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	140	0.2	1.0	**0.6**	0.02	0.07							*C60*
Prostate	22697	27.5	165.7	**111.1**	6.26	15.15							*C61*
Testis	956	1.2	7.0	**6.3**	0.48	0.50							*C62*
Other male genital organs	33	0.0	0.2	**0.2**	0.01	0.01							*C63*
Kidney	2941	3.6	21.5	**14.2**	0.88	1.66	1810	2.2	12.4	**7.2**	0.43	0.85	*C64*
Renal pelvis	127	0.2	0.9	**0.5**	0.02	0.06	104	0.1	0.7	**0.3**	0.01	0.04	*C65*
Ureter	108	0.1	0.8	**0.5**	0.01	0.06	68	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	6461	7.8	47.2	**27.5**	1.13	3.27	2498	3.1	17.1	**8.2**	0.38	1.02	*C67*
Other urinary organs	93	0.1	0.7	**0.4**	0.01	0.04	28	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	174	0.2	1.3	**0.9**	0.05	0.10	163	0.2	1.1	**0.8**	0.05	0.09	*C69*
Brain, nervous system	1287	1.6	9.4	**7.3**	0.45	0.70	1085	1.3	7.4	**5.7**	0.34	0.52	*C70-72*
Thyroid	1107	1.3	8.1	**6.0**	0.43	0.63	3481	4.3	23.8	**18.6**	1.45	1.79	*C73*
Adrenal gland	65	0.1	0.5	**0.6**	0.03	0.04	60	0.1	0.4	**0.5**	0.03	0.03	*C74*
Other endocrine	23	0.0	0.2	**0.2**	0.01	0.01	19	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	574	0.7	4.2	**3.8**	0.26	0.30	458	0.6	3.1	**2.9**	0.20	0.22	*C81*
Non-Hodgkin lymphoma	3423	4.2	25.0	**16.2**	0.91	1.75	3154	3.9	21.6	**11.3**	0.64	1.26	*C82-85,C96*
Immunoproliferative diseases	146	0.2	1.1	**0.6**	0.03	0.08	88	0.1	0.6	**0.3**	0.01	0.03	*C88*
Multiple myeloma	962	1.2	7.0	**4.3**	0.21	0.51	746	0.9	5.1	**2.4**	0.12	0.29	*C90*
Lymphoid leukaemia	1137	1.4	8.3	**6.3**	0.34	0.61	820	1.0	5.6	**3.9**	0.19	0.35	*C91*
Myeloid leukaemia	959	1.2	7.0	**4.5**	0.23	0.47	809	1.0	5.5	**3.3**	0.19	0.33	*C92-94*
Leukaemia unspecified	89	0.1	0.6	**0.3**	0.00	0.02	87	0.1	0.6	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	357	0.4	2.6	**1.6**	0.08	0.17	392	0.5	2.7	**1.3**	0.06	0.15	*MPD*
Myelodysplastic syndromes	744	0.9	5.4	**2.9**	0.07	0.30	570	0.7	3.9	**1.6**	0.06	0.18	*MDS*
Other and unspecified	1752	2.1	12.8	**7.3**	0.31	0.80	2169	2.6	14.8	**6.3**	0.27	0.71	*O&U*
All sites	82789		604.4	**390.5**	20.85	47.24	82182		562.5	**319.6**	19.97	36.47	*C00-96*
All sites except C44	82462	100.0	602.1	**389.0**	20.77	47.08	81900	100.0	560.6	**318.6**	19.91	36.37	*C00-96 exc. C44*

USA, Michigan

REGISTRATION AREA

The Michigan Cancer Surveillance Program covers the population of the state of Michigan in the USA. The state's population is approximately 78% White, 13% Black, 3% Asian, and 1% Native American. About 5% of the population is Hispanic.

CANCER CARE FACILITIES

Diagnostic and treatment services for cancer are widely available throughout Michigan. Radiotherapy services are widespread and generally readily available in population centres, with some access issues in rural areas.

REGISTRY STRUCTURE AND METHODS

The registry is located within the Michigan Department of Community Health and has 11 full-time equivalent positions. The registry is funded in part by the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR). Data collection is passive, with routine auditing of reporting by health facilities using certified tumour registrars (CTRs). About 85% of all case reports are submitted electronically. Most reports are received from hospitals and regional cancer registries, with additional reporting by pathology laboratories, clinics, physicians, and dentists. Resident case exchange agreements are in place with 21 other states. The registry is located within the Michigan Vital Records Office, providing ready access to death information. Reporting is required by law. Case information is confidential and protected by law. Improper use or release of the information is a crime. Registry quality, completeness, and timeliness are monitored through ongoing auditing of reporting facilities, with independent assessments of quality conducted annually by the North American Association of Central Cancer Registries (NAACCR) and periodic review conducted on behalf of CDC. The registry has achieved NAACCR Gold Certification since 1999.

INTERPRETING THE RESULTS

Breast and cervical cancer screening programmes for uninsured residents are in place throughout the state. Screening prevalence for breast and cervical cancers is reasonably high by United States standards, and prostate-specific antigen (PSA) testing is common in the population.

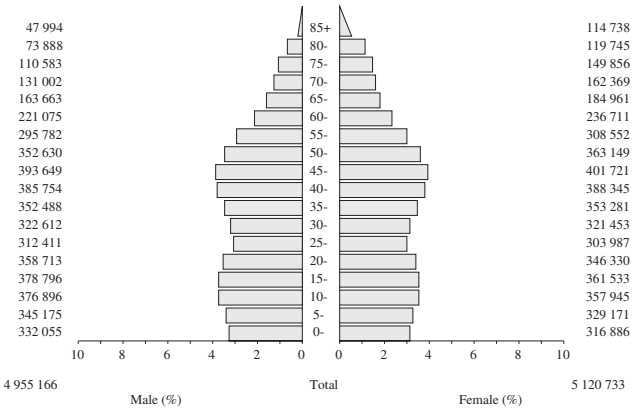
USE OF THE DATA

Registry data are used for reporting incidence, extent of disease, and survival. Data are also used in research and for the planning and evaluation of health services.

CONTRIBUTORS

Glenn Copeland
Won Silva
Georgia Spivak

USA, Michigan (2003-2007)
Average annual person-years by sex and age group

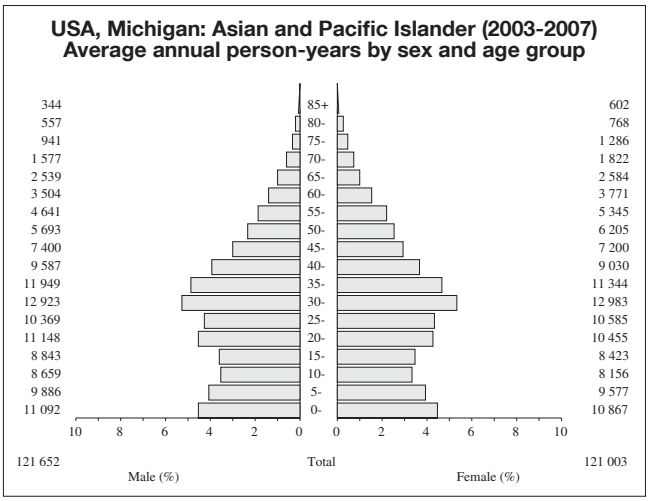


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

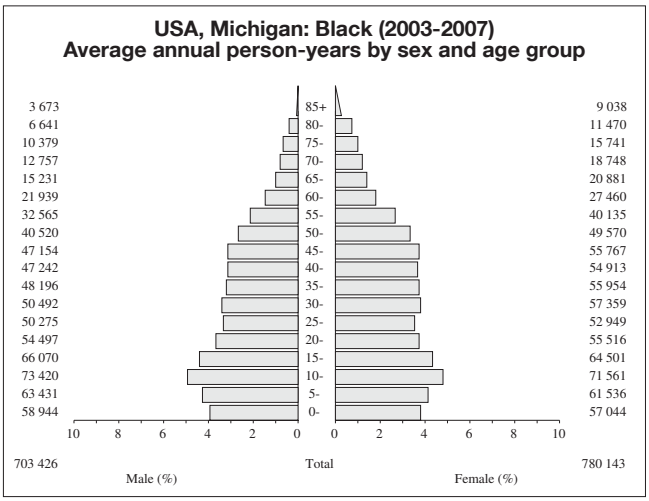
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	118.5	Breast	86.3
Trachea, bronchus and lung	56.7	Trachea, bronchus and lung	40.8
Bladder	23.9	Corpus uteri	19.6
Colon	23.4	Colon	19.1
Non-Hodgkin lymphoma	16.8	Non-Hodgkin lymphoma	12.6
Melanoma of skin	14.2	Melanoma of skin	11.8
Kidney	13.1	Thyroid	11.5
Rectum	10.9	Ovary	9.4
Pancreas	9.0	Kidney	7.5
Other and unspecified	7.4	Rectum	6.8
All sites	387.1	All sites	300.5



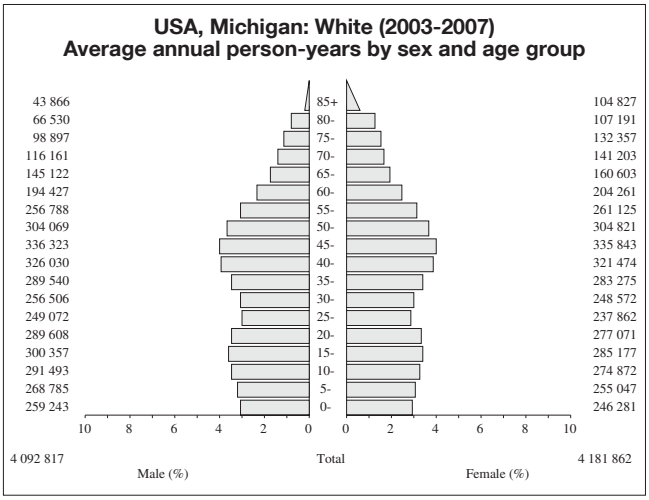
USA, MICHIGAN: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	31.8	Breast	37.9
Trachea, bronchus and lung	15.3	Trachea, bronchus and lung	14.5
Colon	12.9	Colon	9.5
Liver	9.9	Thyroid	8.7
Stomach	7.9	Corpus uteri	6.1
Rectum	7.4	Non-Hodgkin lymphoma	6.0
Non-Hodgkin lymphoma	6.3	Ovary	5.2
Bladder	4.9	Liver	5.0
Kidney	3.7	Pancreas	4.3
Thyroid	3.1	Cervix uteri	3.7
All sites	136.6	All sites	135.5



USA, MICHIGAN: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	178.7	Breast	84.8
Trachea, bronchus and lung	78.7	Trachea, bronchus and lung	46.9
Colon	34.1	Colon	25.7
Kidney	16.5	Corpus uteri	16.2
Non-Hodgkin lymphoma	14.0	Non-Hodgkin lymphoma	10.9
Bladder	13.4	Pancreas	10.1
Pancreas	12.8	Kidney	8.7
Rectum	12.0	Cervix uteri	8.7
Liver	12.0	Ovary	8.0
Stomach	10.6	Rectum	7.9
All sites	477.6	All sites	306.5



USA, MICHIGAN: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	104.8	Breast	86.0
Trachea, bronchus and lung	54.5	Trachea, bronchus and lung	40.2
Bladder	24.7	Corpus uteri	20.0
Colon	22.0	Colon	18.0
Non-Hodgkin lymphoma	16.9	Melanoma of skin	13.1
Melanoma of skin	15.3	Non-Hodgkin lymphoma	12.6
Kidney	12.5	Thyroid	12.0
Rectum	10.7	Ovary	9.6
Pancreas	8.6	Kidney	7.3
Other and unspecified	7.1	Other and unspecified	6.6
All sites	368.1	All sites	297.4

USA, Michigan (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	213	0.2	0.9	**0.5**	0.03	0.06	68	0.1	0.3	**0.1**	0.01	0.01	*C00*
Tongue	1129	0.8	4.6	**3.3**	0.25	0.40	475	0.4	1.9	**1.2**	0.08	0.13	*C01-02*
Mouth	793	0.6	3.2	**2.3**	0.16	0.28	531	0.4	2.1	**1.2**	0.08	0.14	*C03-06*
Salivary glands	351	0.3	1.4	**1.0**	0.05	0.11	294	0.2	1.1	**0.8**	0.06	0.08	*C07-08*
Tonsil	665	0.5	2.7	**2.0**	0.17	0.23	178	0.1	0.7	**0.5**	0.03	0.05	*C09*
Other oropharynx	183	0.1	0.7	**0.5**	0.04	0.07	66	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	159	0.1	0.6	**0.5**	0.03	0.06	75	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	329	0.2	1.3	**1.0**	0.06	0.12	87	0.1	0.3	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	95	0.1	0.4	**0.3**	0.02	0.03	54	0.0	0.2	**0.1**	0.01	0.02	*C14*
Oesophagus	2310	1.7	9.3	**6.5**	0.35	0.82	690	0.6	2.7	**1.5**	0.07	0.18	*C15*
Stomach	2231	1.6	9.0	**6.0**	0.30	0.71	1362	1.1	5.3	**2.8**	0.13	0.30	*C16*
Small intestine	583	0.4	2.4	**1.7**	0.09	0.20	554	0.4	2.2	**1.3**	0.08	0.15	*C17*
Colon	8823	6.4	35.6	**23.4**	1.07	2.70	9590	7.8	37.5	**19.1**	0.89	2.18	*C18*
Rectum	3891	2.8	15.7	**10.9**	0.62	1.31	3002	2.4	11.7	**6.8**	0.41	0.78	*C19-20*
Anus	265	0.2	1.1	**0.8**	0.05	0.08	507	0.4	2.0	**1.3**	0.09	0.15	*C21*
Liver	2098	1.5	8.5	**5.9**	0.40	0.68	967	0.8	3.8	**2.1**	0.11	0.24	*C22*
Gallbladder etc.	642	0.5	2.6	**1.7**	0.08	0.19	821	0.7	3.2	**1.6**	0.07	0.19	*C23-24*
Pancreas	3346	2.4	13.5	**9.0**	0.46	1.08	3262	2.6	12.7	**6.6**	0.30	0.77	*C25*
Nose, sinuses etc.	200	0.1	0.8	**0.6**	0.04	0.07	151	0.1	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	1815	1.3	7.3	**5.2**	0.32	0.66	488	0.4	1.9	**1.2**	0.09	0.15	*C32*
Trachea, bronchus and lung	20892	15.3	84.3	**56.7**	2.52	7.14	17953	14.5	70.1	**40.8**	2.04	5.30	*C33-34*
Other thoracic organs	158	0.1	0.6	**0.6**	0.03	0.05	115	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	307	0.2	1.2	**1.0**	0.06	0.09	261	0.2	1.0	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	4873	3.6	19.7	**14.2**	0.87	1.56	4115	3.3	16.1	**11.8**	0.87	1.16	*C43*
Other skin	425		1.7	**1.2**	0.06	0.12	465		1.8	**1.2**	0.08	0.12	*C44*
Mesothelioma	432	0.3	1.7	**1.1**	0.04	0.13	145	0.1	0.6	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	104	0.1	0.4	**0.3**	0.02	0.03	21	0.0	0.1	**0.0**	0.00	0.01	*C46*
Connective and soft tissue	1015	0.7	4.1	**3.1**	0.17	0.31	806	0.7	3.1	**2.3**	0.14	0.22	*C47+C49*
Breast	351	0.3	1.4	**1.0**	0.06	0.11	33918	27.5	132.5	**86.3**	6.09	9.92	*C50*
Vulva							772	0.6	3.0	**1.7**	0.11	0.18	*C51*
Vagina							224	0.2	0.9	**0.5**	0.02	0.06	*C52*
Cervix uteri							1961	1.6	7.7	**6.1**	0.47	0.59	*C53*
Corpus uteri							7597	6.2	29.7	**19.6**	1.42	2.41	*C54*
Uterus unspecified							299	0.2	1.2	**0.7**	0.04	0.07	*C55*
Ovary							3801	3.1	14.8	**9.4**	0.61	1.06	*C56*
Other female genital organs							164	0.1	0.6	**0.4**	0.03	0.05	*C57*
Placenta							24	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	177	0.1	0.7	**0.5**	0.02	0.05							*C60*
Prostate	41433	30.3	167.2	**118.5**	6.19	15.90							*C61*
Testis	1411	1.0	5.7	**5.4**	0.40	0.41							*C62*
Other male genital organs	54	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	4507	3.3	18.2	**13.1**	0.81	1.58	3009	2.4	11.8	**7.5**	0.47	0.88	*C64*
Renal pelvis	235	0.2	0.9	**0.6**	0.02	0.07	160	0.1	0.6	**0.3**	0.01	0.03	*C65*
Ureter	164	0.1	0.7	**0.4**	0.02	0.05	124	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	9189	6.7	37.1	**23.9**	0.97	2.76	3118	2.5	12.2	**6.4**	0.31	0.76	*C67*
Other urinary organs	143	0.1	0.6	**0.4**	0.01	0.04	59	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	209	0.2	0.8	**0.7**	0.04	0.07	181	0.1	0.7	**0.6**	0.03	0.06	*C69*
Brain, nervous system	1982	1.4	8.0	**6.6**	0.41	0.64	1684	1.4	6.6	**5.1**	0.31	0.48	*C70-72*
Thyroid	1202	0.9	4.9	**3.7**	0.27	0.41	3650	3.0	14.3	**11.5**	0.89	1.10	*C73*
Adrenal gland	77	0.1	0.3	**0.4**	0.02	0.03	89	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	43	0.0	0.2	**0.2**	0.01	0.01	34	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	824	0.6	3.3	**3.0**	0.21	0.25	746	0.6	2.9	**2.7**	0.17	0.22	*C81*
Non-Hodgkin lymphoma	5908	4.3	23.8	**16.8**	0.92	1.85	5411	4.4	21.1	**12.6**	0.72	1.43	*C82-85,C96*
Immunoproliferative diseases	121	0.1	0.5	**0.3**	0.01	0.03	65	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	1815	1.3	7.3	**4.8**	0.23	0.58	1436	1.2	5.6	**3.1**	0.15	0.37	*C90*
Lymphoid leukaemia	2080	1.5	8.4	**6.5**	0.32	0.66	1442	1.2	5.6	**3.8**	0.19	0.36	*C91*
Myeloid leukaemia	1803	1.3	7.3	**5.2**	0.26	0.53	1447	1.2	5.7	**3.5**	0.20	0.36	*C92-94*
Leukaemia unspecified	180	0.1	0.7	**0.5**	0.02	0.04	173	0.1	0.7	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	819	0.6	3.3	**2.3**	0.13	0.24	788	0.6	3.1	**1.8**	0.09	0.19	*MPD*
Myelodysplastic syndromes	1436	1.0	5.8	**3.4**	0.09	0.34	1180	1.0	4.6	**2.1**	0.07	0.21	*MDS*
Other and unspecified	2742	2.0	11.1	**7.4**	0.36	0.82	3309	2.7	12.9	**6.7**	0.32	0.75	*O&U*
All sites	137232		553.9	**387.1**	20.15	46.75	123968		484.2	**300.5**	18.60	34.25	*C00-96*
All sites except C44	136807	100.0	552.2	**385.9**	20.09	46.62	123503	100.0	482.4	**299.2**	18.52	34.13	*C00-96 exc. C44*

§Includes 11 cases of unknown age

§Includes 6 cases of unknown age

USA, Michigan: Asian and Pacific Islander (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	4	0.6	0.7	**0.8**	0.06	0.12	6	0.8	1.0	**1.1**	0.06	0.14	*C01-02*
Mouth	4	0.6	0.7	**1.0**	0.06	0.18	1	0.1	0.2	**0.2**	0.00	0.00	*C03-06*
Salivary glands	4	0.6	0.7	**0.7**	0.02	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C07-08*
Tonsil	4	0.6	0.7	**0.6**	0.06	0.06	1	0.1	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	6	0.9	1.0	**1.2**	0.05	0.19	4	0.5	0.7	**0.6**	0.06	0.06	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.2**	0.00	0.05	*C14*
Oesophagus	7	1.0	1.2	**1.4**	0.04	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C15*
Stomach	38	5.7	6.2	**7.9**	0.36	0.67	20	2.5	3.3	**3.5**	0.20	0.36	*C16*
Small intestine	1	0.1	0.2	**0.2**	0.01	0.01	1	0.1	0.2	**0.2**	0.00	0.04	*C17*
Colon	60	8.9	9.9	**12.9**	0.46	1.67	53	6.6	8.8	**9.5**	0.48	1.24	*C18*
Rectum	37	5.5	6.1	**7.4**	0.38	0.77	17	2.1	2.8	**2.9**	0.13	0.32	*C19-20*
Anus	1	0.1	0.2	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C21*
Liver	51	7.6	8.4	**9.9**	0.59	1.25	29	3.6	4.8	**5.0**	0.27	0.59	*C22*
Gallbladder etc.	9	1.3	1.5	**1.7**	0.12	0.12	11	1.4	1.8	**1.9**	0.13	0.24	*C23-24*
Pancreas	15	2.2	2.5	**3.0**	0.07	0.28	24	3.0	4.0	**4.3**	0.21	0.45	*C25*
Nose, sinuses etc.	3	0.4	0.5	**0.4**	0.03	0.03	1	0.1	0.2	**0.2**	0.02	0.02	*C30-31*
Larynx	3	0.4	0.5	**0.6**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C32*
Trachea, bronchus and lung	73	10.9	12.0	**15.3**	0.71	1.95	79	9.9	13.1	**14.5**	0.62	1.91	*C33-34*
Other thoracic organs	1	0.1	0.2	**0.1**	0.01	0.01	1	0.1	0.2	**0.1**	0.00	0.00	*C37-38*
Bone	2	0.3	0.3	**0.4**	0.02	0.02	2	0.3	0.3	**0.4**	0.01	0.07	*C40-41*
Melanoma of skin	6	0.9	1.0	**1.0**	0.08	0.14	5	0.6	0.8	**0.9**	0.04	0.09	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	1		0.2	**0.2**	0.00	0.05	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	2	0.3	0.3	**0.4**	0.02	0.07	*C45*
Kaposi sarcoma	1	0.1	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	7	1.0	1.2	**1.3**	0.08	0.16	5	0.6	0.8	**0.7**	0.06	0.06	*C47+C49*
Breast	4	0.6	0.7	**0.8**	0.06	0.12	224	28.1	37.0	**37.9**	2.82	4.37	*C50*
Vulva							2	0.3	0.3	**0.4**	0.04	0.04	*C51*
Vagina							1	0.1	0.2	**0.2**	0.00	0.04	*C52*
Cervix uteri							23	2.9	3.8	**3.7**	0.35	0.39	*C53*
Corpus uteri							35	4.4	5.8	**6.1**	0.49	0.77	*C54*
Uterus unspecified							3	0.4	0.5	**0.6**	0.03	0.07	*C55*
Ovary							34	4.3	5.6	**5.2**	0.39	0.56	*C56*
Other female genital organs							1	0.1	0.2	**0.2**	0.02	0.02	*C57*
Placenta							2	0.3	0.3	**0.3**	0.02	0.02	*C58*
Penis	2	0.3	0.3	**0.5**	0.03	0.07							*C60*
Prostate	146	21.7	24.0	**31.8**	1.49	4.09							*C61*
Testis	3	0.4	0.5	**0.4**	0.03	0.03							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	19	2.8	3.1	**3.7**	0.24	0.51	15	1.9	2.5	**2.7**	0.15	0.30	*C64*
Renal pelvis	2	0.3	0.3	**0.5**	0.03	0.09	1	0.1	0.2	**0.2**	0.00	0.05	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	25	3.7	4.1	**4.9**	0.20	0.50	8	1.0	1.3	**1.2**	0.06	0.06	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.1**	0.02	0.02	*C68*
Eye	1	0.1	0.2	**0.1**	0.01	0.01	1	0.1	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	13	1.9	2.1	**2.4**	0.11	0.25	10	1.3	1.7	**1.5**	0.10	0.10	*C70-72*
Thyroid	16	2.4	2.6	**3.1**	0.16	0.34	58	7.3	9.6	**8.7**	0.61	0.91	*C73*
Adrenal gland	2	0.3	0.3	**0.3**	0.02	0.02	1	0.1	0.2	**0.2**	0.01	0.01	*C74*
Other endocrine	1	0.1	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	6	0.9	1.0	**0.9**	0.07	0.07	5	0.6	0.8	**0.7**	0.05	0.05	*C81*
Non-Hodgkin lymphoma	30	4.5	4.9	**6.3**	0.30	0.67	35	4.4	5.8	**6.0**	0.30	0.65	*C82-85,C96*
Immunoproliferative diseases	1	0.1	0.2	**0.2**	0.02	0.02	1	0.1	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	9	1.3	1.5	**2.2**	0.00	0.04	6	0.8	1.0	**0.9**	0.06	0.06	*C90*
Lymphoid leukaemia	16	2.4	2.6	**2.9**	0.17	0.21	12	1.5	2.0	**2.1**	0.11	0.20	*C91*
Myeloid leukaemia	13	1.9	2.1	**2.2**	0.10	0.14	17	2.1	2.8	**3.0**	0.17	0.40	*C92-94*
Leukaemia unspecified	1	0.1	0.2	**0.2**	0.01	0.01	2	0.3	0.3	**0.3**	0.02	0.02	*C95*
Myeloproliferative disorders	9	1.3	1.5	**1.9**	0.04	0.18	10	1.3	1.7	**1.6**	0.10	0.20	*MPD*
Myelodysplastic syndromes	2	0.3	0.3	**0.4**	0.02	0.02	7	0.9	1.2	**1.2**	0.05	0.09	*MDS*
Other and unspecified	14	2.1	2.3	**2.7**	0.08	0.27	20	2.5	3.3	**3.2**	0.15	0.25	*O&U*
All sites	672		110.5	**136.6**	6.49	15.58	799		132.1	**135.5**	8.48	15.46	*C00-96*
All sites except C44	672	100.0	110.5	**136.6**	6.49	15.58	798	100.0	131.9	**135.3**	8.48	15.41	*C00-96 exc. C44*

USA, Michigan: Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.0	0.1	**0.1**	0.00	0.02	2	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	123	0.7	3.5	**3.7**	0.25	0.49	53	0.4	1.4	**1.1**	0.08	0.13	*C01-02*
Mouth	108	0.6	3.1	**2.9**	0.22	0.35	56	0.4	1.4	**1.2**	0.09	0.13	*C03-06*
Salivary glands	25	0.1	0.7	**0.7**	0.04	0.09	39	0.3	1.0	**0.8**	0.06	0.09	*C07-08*
Tonsil	73	0.4	2.1	**2.1**	0.15	0.25	30	0.2	0.8	**0.6**	0.04	0.06	*C09*
Other oropharynx	38	0.2	1.1	**1.0**	0.07	0.10	15	0.1	0.4	**0.3**	0.02	0.04	*C10*
Nasopharynx	31	0.2	0.9	**0.9**	0.06	0.09	11	0.1	0.3	**0.2**	0.02	0.03	*C11*
Hypopharynx	67	0.4	1.9	**1.9**	0.15	0.22	26	0.2	0.7	**0.6**	0.05	0.08	*C12-13*
Pharynx unspecified	16	0.1	0.5	**0.5**	0.03	0.07	13	0.1	0.3	**0.3**	0.02	0.04	*C14*
Oesophagus	240	1.4	6.8	**6.9**	0.41	0.88	109	0.7	2.8	**2.2**	0.13	0.27	*C15*
Stomach	393	2.3	11.2	**10.6**	0.51	1.16	291	2.0	7.5	**5.2**	0.25	0.54	*C16*
Small intestine	119	0.7	3.4	**3.4**	0.19	0.44	103	0.7	2.6	**2.1**	0.12	0.25	*C17*
Colon	1239	7.4	35.2	**34.1**	1.74	3.96	1333	9.0	34.2	**25.7**	1.44	3.06	*C18*
Rectum	445	2.6	12.7	**12.0**	0.69	1.41	400	2.7	10.3	**7.9**	0.50	0.94	*C19-20*
Anus	57	0.3	1.6	**1.5**	0.11	0.15	64	0.4	1.6	**1.4**	0.09	0.17	*C21*
Liver	439	2.6	12.5	**12.0**	1.01	1.42	175	1.2	4.5	**3.4**	0.22	0.39	*C22*
Gallbladder etc.	65	0.4	1.8	**1.7**	0.11	0.19	112	0.8	2.9	**2.0**	0.10	0.24	*C23-24*
Pancreas	459	2.7	13.1	**12.8**	0.76	1.55	528	3.5	13.5	**10.1**	0.52	1.19	*C25*
Nose, sinuses etc.	31	0.2	0.9	**0.9**	0.05	0.12	20	0.1	0.5	**0.4**	0.03	0.04	*C30-31*
Larynx	304	1.8	8.6	**8.9**	0.53	1.19	98	0.7	2.5	**2.1**	0.16	0.25	*C32*
Trachea, bronchus and lung	2793	16.6	79.4	**78.7**	4.16	9.89	2307	15.5	59.1	**46.9**	2.61	5.86	*C33-34*
Other thoracic organs	22	0.1	0.6	**0.6**	0.03	0.06	23	0.2	0.6	**0.5**	0.03	0.05	*C37-38*
Bone	32	0.2	0.9	**0.9**	0.06	0.07	41	0.3	1.1	**0.9**	0.05	0.08	*C40-41*
Melanoma of skin	20	0.1	0.6	**0.5**	0.04	0.05	35	0.2	0.9	**0.7**	0.04	0.06	*C43*
Other skin	39		1.1	**1.0**	0.08	0.10	68		1.7	**1.5**	0.12	0.14	*C44*
Mesothelioma	22	0.1	0.6	**0.6**	0.03	0.09	9	0.1	0.2	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	39	0.2	1.1	**1.0**	0.08	0.09	5	0.0	0.1	**0.1**	0.01	0.02	*C46*
Connective and soft tissue	103	0.6	2.9	**2.9**	0.16	0.29	106	0.7	2.7	**2.4**	0.18	0.23	*C47+C49*
Breast	57	0.3	1.6	**1.6**	0.13	0.19	4064	27.3	104.2	**84.8**	6.07	9.71	*C50*
Vulva							68	0.5	1.7	**1.5**	0.11	0.16	*C51*
Vagina							30	0.2	0.8	**0.6**	0.04	0.08	*C52*
Cervix uteri							392	2.6	10.0	**8.7**	0.68	0.88	*C53*
Corpus uteri							740	5.0	19.0	**16.2**	1.01	2.14	*C54*
Uterus unspecified							55	0.4	1.4	**1.1**	0.06	0.12	*C55*
Ovary							383	2.6	9.8	**8.0**	0.48	0.92	*C56*
Other female genital organs							13	0.1	0.3	**0.3**	0.02	0.03	*C57*
Placenta							7	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	21	0.1	0.6	**0.5**	0.02	0.05							*C60*
Prostate	6113	36.3	173.8	**178.7**	10.26	23.99							*C61*
Testis	40	0.2	1.1	**1.1**	0.08	0.08							*C62*
Other male genital organs	4	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	596	3.5	16.9	**16.5**	1.08	1.97	419	2.8	10.7	**8.7**	0.55	1.06	*C64*
Renal pelvis	19	0.1	0.5	**0.5**	0.02	0.06	5	0.0	0.1	**0.1**	0.01	0.01	*C65*
Ureter	9	0.1	0.3	**0.2**	0.01	0.03	4	0.0	0.1	**0.1**	0.00	0.01	*C66*
Bladder	493	2.9	14.0	**13.4**	0.58	1.52	258	1.7	6.6	**4.5**	0.18	0.50	*C67*
Other urinary organs	19	0.1	0.5	**0.5**	0.03	0.05	13	0.1	0.3	**0.3**	0.02	0.03	*C68*
Eye	6	0.0	0.2	**0.2**	0.01	0.01	7	0.0	0.2	**0.2**	0.01	0.02	*C69*
Brain, nervous system	147	0.9	4.2	**4.2**	0.25	0.45	171	1.1	4.4	**4.1**	0.23	0.38	*C70-72*
Thyroid	93	0.6	2.6	**2.6**	0.19	0.28	348	2.3	8.9	**7.7**	0.58	0.80	*C73*
Adrenal gland	10	0.1	0.3	**0.3**	0.02	0.02	14	0.1	0.4	**0.4**	0.03	0.03	*C74*
Other endocrine	7	0.0	0.2	**0.2**	0.01	0.02	5	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	125	0.7	3.6	**3.5**	0.27	0.29	86	0.6	2.2	**2.1**	0.14	0.19	*C81*
Non-Hodgkin lymphoma	516	3.1	14.7	**14.0**	0.87	1.52	519	3.5	13.3	**10.9**	0.71	1.16	*C82-85,C96*
Immunoproliferative diseases	10	0.1	0.3	**0.3**	0.01	0.03	5	0.0	0.1	**0.1**	0.01	0.02	*C88*
Multiple myeloma	346	2.1	9.8	**9.7**	0.51	1.11	363	2.4	9.3	**7.2**	0.38	0.89	*C90*
Lymphoid leukaemia	173	1.0	4.9	**4.9**	0.26	0.51	121	0.8	3.1	**2.5**	0.13	0.27	*C91*
Myeloid leukaemia	175	1.0	5.0	**4.8**	0.25	0.48	165	1.1	4.2	**3.4**	0.17	0.36	*C92-94*
Leukaemia unspecified	13	0.1	0.4	**0.4**	0.02	0.02	21	0.1	0.5	**0.4**	0.02	0.02	*C95*
Myeloproliferative disorders	85	0.5	2.4	**2.3**	0.12	0.26	105	0.7	2.7	**2.2**	0.11	0.23	*MPD*
Myelodysplastic syndromes	129	0.8	3.7	**3.3**	0.09	0.33	132	0.9	3.4	**2.3**	0.08	0.25	*MDS*
Other and unspecified	326	1.9	9.3	**9.1**	0.49	1.07	360	2.4	9.2	**7.0**	0.36	0.77	*O&U*
All sites	16876		479.8	**477.6**	27.32	59.14	14945		383.1	**306.5**	19.17	35.46	*C00-96*
All sites except C44	16837	100.0	478.7	**476.6**	27.25	59.03	14877	100.0	381.4	**305.0**	19.06	35.32	*C00-96 exc. C44*

§Includes 1 case of unknown age

USA, Michigan: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	196	0.2	1.0	**0.6**	0.03	0.06	62	0.1	0.3	**0.1**	0.01	0.01	*C00*
Tongue	979	0.9	4.8	**3.3**	0.25	0.39	404	0.4	1.9	**1.2**	0.08	0.13	*C01-02*
Mouth	659	0.6	3.2	**2.2**	0.15	0.27	459	0.4	2.2	**1.2**	0.07	0.13	*C03-06*
Salivary glands	313	0.3	1.5	**1.0**	0.05	0.11	244	0.2	1.2	**0.8**	0.05	0.08	*C07-08*
Tonsil	582	0.5	2.8	**2.0**	0.17	0.23	144	0.1	0.7	**0.4**	0.03	0.05	*C09*
Other oropharynx	140	0.1	0.7	**0.5**	0.03	0.06	51	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	120	0.1	0.6	**0.4**	0.03	0.05	60	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	259	0.2	1.3	**0.8**	0.05	0.11	60	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	79	0.1	0.4	**0.3**	0.02	0.03	38	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	2042	1.8	10.0	**6.5**	0.34	0.82	565	0.5	2.7	**1.3**	0.06	0.16	*C15*
Stomach	1761	1.5	8.6	**5.4**	0.27	0.64	1029	1.0	4.9	**2.4**	0.11	0.26	*C16*
Small intestine	460	0.4	2.2	**1.5**	0.08	0.17	442	0.4	2.1	**1.2**	0.07	0.14	*C17*
Colon	7376	6.4	36.0	**22.0**	0.98	2.53	8069	7.7	38.6	**18.0**	0.81	2.03	*C18*
Rectum	3345	2.9	16.3	**10.7**	0.61	1.29	2527	2.4	12.1	**6.6**	0.39	0.75	*C19-20*
Anus	201	0.2	1.0	**0.7**	0.04	0.07	437	0.4	2.1	**1.3**	0.10	0.14	*C21*
Liver	1558	1.4	7.6	**5.0**	0.30	0.56	750	0.7	3.6	**1.8**	0.09	0.21	*C22*
Gallbladder etc.	555	0.5	2.7	**1.6**	0.07	0.18	689	0.7	3.3	**1.6**	0.07	0.18	*C23-24*
Pancreas	2840	2.5	13.9	**8.6**	0.43	1.03	2688	2.5	12.9	**6.1**	0.27	0.72	*C25*
Nose, sinuses etc.	165	0.1	0.8	**0.5**	0.04	0.06	125	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	1485	1.3	7.3	**4.9**	0.30	0.61	383	0.4	1.8	**1.1**	0.08	0.14	*C32*
Trachea, bronchus and lung	17851	15.6	87.2	**54.5**	2.34	6.86	15429	14.6	73.8	**40.2**	1.97	5.25	*C33-34*
Other thoracic organs	130	0.1	0.6	**0.5**	0.03	0.05	91	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	265	0.2	1.3	**1.1**	0.06	0.09	206	0.2	1.0	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	4569	4.0	22.3	**15.3**	0.95	1.66	3802	3.6	18.2	**13.1**	0.96	1.28	*C43*
Other skin	368		1.8	**1.2**	0.06	0.12	375		1.8	**1.1**	0.07	0.11	*C44*
Mesothelioma	404	0.4	2.0	**1.1**	0.04	0.13	130	0.1	0.6	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	52	0.0	0.3	**0.2**	0.01	0.02	15	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	878	0.8	4.3	**3.1**	0.17	0.31	673	0.6	3.2	**2.2**	0.13	0.22	*C47+C49*
Breast	284	0.2	1.4	**0.9**	0.05	0.10	28985	27.5	138.6	**86.0**	6.06	9.89	*C50*
Vulva							686	0.7	3.3	**1.8**	0.11	0.18	*C51*
Vagina							186	0.2	0.9	**0.5**	0.02	0.05	*C52*
Cervix uteri							1494	1.4	7.1	**5.6**	0.43	0.54	*C53*
Corpus uteri							6649	6.3	31.8	**20.0**	1.48	2.44	*C54*
Uterus unspecified							234	0.2	1.1	**0.6**	0.04	0.07	*C55*
Ovary							3340	3.2	16.0	**9.6**	0.63	1.08	*C56*
Other female genital organs							149	0.1	0.7	**0.4**	0.03	0.05	*C57*
Placenta							14	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	149	0.1	0.7	**0.4**	0.02	0.05							*C60*
Prostate	32380	28.2	158.2	**104.8**	5.34	14.15							*C61*
Testis	1324	1.2	6.5	**6.2**	0.46	0.47							*C62*
Other male genital organs	50	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	3771	3.3	18.4	**12.5**	0.76	1.50	2512	2.4	12.0	**7.3**	0.46	0.85	*C64*
Renal pelvis	214	0.2	1.0	**0.6**	0.02	0.07	154	0.1	0.7	**0.3**	0.01	0.04	*C65*
Ureter	155	0.1	0.8	**0.4**	0.02	0.05	119	0.1	0.6	**0.3**	0.01	0.03	*C66*
Bladder	8435	7.4	41.2	**24.7**	0.99	2.85	2763	2.6	13.2	**6.5**	0.32	0.78	*C67*
Other urinary organs	117	0.1	0.6	**0.3**	0.01	0.04	45	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	191	0.2	0.9	**0.7**	0.04	0.08	165	0.2	0.8	**0.6**	0.04	0.06	*C69*
Brain, nervous system	1794	1.6	8.8	**7.0**	0.43	0.67	1473	1.4	7.0	**5.2**	0.32	0.50	*C70-72*
Thyroid	1058	0.9	5.2	**3.8**	0.28	0.41	3138	3.0	15.0	**12.0**	0.94	1.13	*C73*
Adrenal gland	63	0.1	0.3	**0.4**	0.02	0.02	72	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	34	0.0	0.2	**0.1**	0.01	0.01	28	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	677	0.6	3.3	**3.0**	0.20	0.24	642	0.6	3.1	**2.8**	0.18	0.23	*C81*
Non-Hodgkin lymphoma	5230	4.6	25.6	**16.9**	0.91	1.87	4732	4.5	22.6	**12.6**	0.71	1.44	*C82-85,C96*
Immunoproliferative diseases	104	0.1	0.5	**0.3**	0.01	0.03	58	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	1429	1.2	7.0	**4.3**	0.19	0.51	1043	1.0	5.0	**2.5**	0.12	0.29	*C90*
Lymphoid leukaemia	1807	1.6	8.8	**6.5**	0.31	0.65	1237	1.2	5.9	**3.8**	0.19	0.36	*C91*
Myeloid leukaemia	1590	1.4	7.8	**5.3**	0.26	0.53	1241	1.2	5.9	**3.5**	0.20	0.35	*C92-94*
Leukaemia unspecified	162	0.1	0.8	**0.5**	0.01	0.04	147	0.1	0.7	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	693	0.6	3.4	**2.2**	0.12	0.23	650	0.6	3.1	**1.6**	0.09	0.17	*MPD*
Myelodysplastic syndromes	1282	1.1	6.3	**3.4**	0.09	0.33	1013	1.0	4.8	**2.0**	0.07	0.20	*MDS*
Other and unspecified	2369	2.1	11.6	**7.1**	0.34	0.79	2896	2.7	13.9	**6.6**	0.31	0.75	*O&U*
All sites	114994		561.9	**368.1**	18.83	44.27	105812		506.1	**297.4**	18.35	33.84	*C00-96*
All sites except C44	114626	100.0	560.1	**366.9**	18.77	44.15	105437	100.0	504.3	**296.3**	18.28	33.72	*C00-96 exc. C44*

§Includes 5 cases of unknown age

§Includes 3 cases of unknown age

USA, Michigan, Detroit

REGISTRATION AREA

The area covered by the Metropolitan Detroit Cancer Surveillance System (MDCSS) is 5094 km^2, on the eastern border of Michigan, facing Canada. At the 2010 census, the covered population was 3.9 million, of whom 67.3% were White, 25.2% Black, 3.6% Asian, and 3.9% of other races; 4.0% were of Spanish origin. The area is predominantly urban and heavily industrialized, as the centre of the United States automobile manufacturing industry.

CANCER CARE FACILITIES

There are two National Cancer Institute (NCI)-designated Comprehensive Cancer Centers in the area, one within the borders of the MDCSS data collection area. Many of the more than 60 hospitals and other facilities in the area provide cancer care and have cancer research and treatment programmes.

REGISTRY STRUCTURE AND METHODS

The MDCSS is part of the Epidemiology Section housed in the Population Studies and Disparities Research Program at the Karmanos Cancer Institute and the Department of Oncology at the Wayne State University (WSU) School of Medicine. The registry began in 1949 as a pathology registry for 25 collaborating hospitals. In 1973, it became a founding participant in NCI's SEER Program. Cancer is a reportable disease in Michigan. The MDCSS is the official designate of the Michigan Department of Community Health (MDCH) for cancer data collection in the Detroit metropolitan area. The MDCSS provides incidence, first course of therapy, and survival reporting. Data are collected by MDCSS abstracting staff members from more than 60 hospitals, private pathology laboratories, radiation therapy facilities, and selected clinics and physicians' offices. Active follow-up is maintained for all cases, with requests for information sent to physicians biannually. Hospital re-admissions are abstracted, and Internet search engines are also used as part of active follow-up. Death certificates for the state of Michigan are linked quarterly to update vital status and cause of death.

INTERPRETING THE RESULTS

The state of Michigan conducts various cancer control and screening programmes in the area, including the Breast and Cervical Cancer Control Program (BCCCP) and the Michigan Colorectal Cancer Early Detection Program.

USE OF THE DATA

MDCSS data are used extensively in research conducted by WSU faculty members, who report to the MDCSS director. MDCSS researchers collaborate with other researchers. Registry data are also frequently used by local hospitals, health departments, and the MDCH for planning, evaluation, and education purposes. The data are also used to address community concerns about cancer risk.

CONTRIBUTORS

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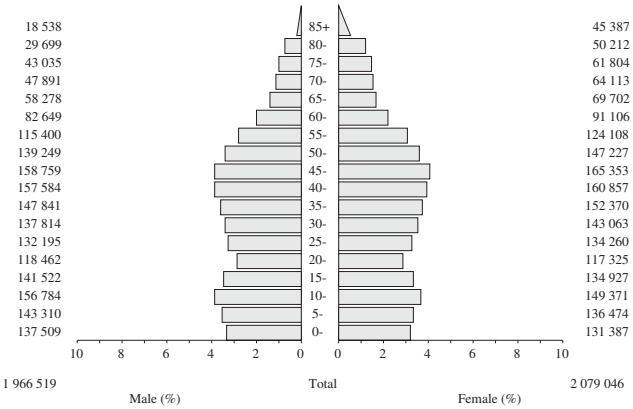
USA, Michigan, Detroit (2003-2007)
Average annual person-years by sex and age group

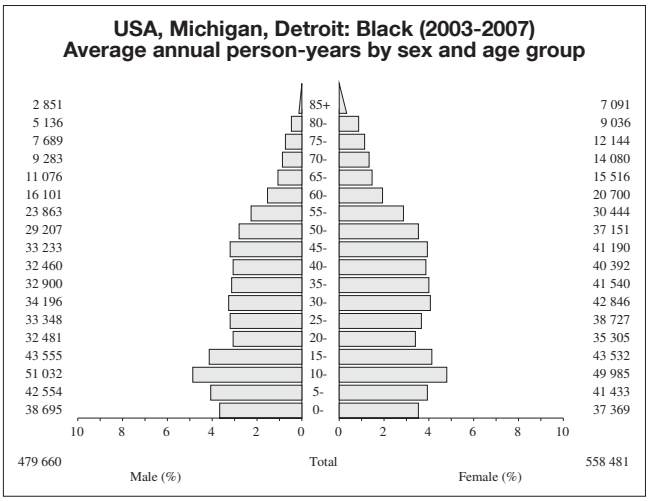


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

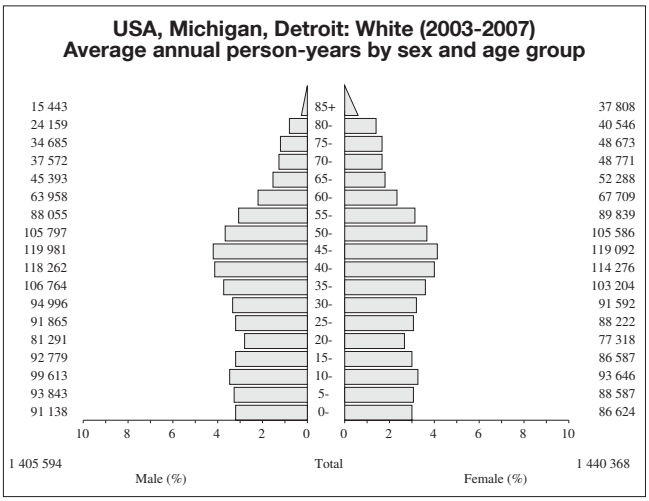
Male		Female	
Prostate	132.4	Breast	89.6
Trachea, bronchus and lung	60.9	Trachea, bronchus and lung	44.4
Colon	24.9	Colon	20.4
Bladder	24.2	Corpus uteri	20.0
Non-Hodgkin lymphoma	16.9	Non-Hodgkin lymphoma	13.0
Kidney	13.8	Thyroid	11.7
Melanoma of skin	13.2	Melanoma of skin	10.4
Rectum	11.6	Ovary	9.4
Pancreas	10.4	Kidney	7.7
Stomach	7.7	Rectum	7.6
All sites	413.3	All sites	312.2



NOTES ON THE DATA: *No official mortality data.

USA, MICHIGAN, DETROIT: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	191.7	Breast	87.3
Trachea, bronchus and lung	79.2	Trachea, bronchus and lung	45.8
Colon	35.1	Colon	26.4
Kidney	16.5	Corpus uteri	16.7
Non-Hodgkin lymphoma	14.0	Non-Hodgkin lymphoma	10.8
Pancreas	13.6	Pancreas	10.4
Bladder	13.6	Cervix uteri	9.5
Rectum	12.6	Rectum	8.3
Liver	12.0	Kidney	8.3
Stomach	11.4	Ovary	7.7
All sites	493.9	All sites	309.8



NOTES ON THE DATA: *No official mortality data.

USA, MICHIGAN, DETROIT: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	113.1	Breast	90.9
Trachea, bronchus and lung	57.4	Trachea, bronchus and lung	44.9
Bladder	26.8	Corpus uteri	21.4
Colon	22.7	Colon	18.6
Non-Hodgkin lymphoma	17.7	Melanoma of skin	14.2
Melanoma of skin	16.8	Non-Hodgkin lymphoma	13.5
Kidney	13.2	Thyroid	13.3
Rectum	11.4	Ovary	10.1
Pancreas	9.9	Kidney	7.6
Lymphoid leukaemia	7.0	Rectum	7.4
All sites	391.8	All sites	316.3

USA, Michigan, Detroit (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	73	0.1	0.7	**0.5**	0.02	0.06	20	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	465	0.8	4.7	**3.5**	0.26	0.43	178	0.3	1.7	**1.1**	0.07	0.12	*C01-02*
Mouth	351	0.6	3.6	**2.6**	0.18	0.32	228	0.4	2.2	**1.3**	0.09	0.15	*C03-06*
Salivary glands	143	0.3	1.5	**1.0**	0.07	0.11	143	0.3	1.4	**0.9**	0.07	0.10	*C07-08*
Tonsil	275	0.5	2.8	**2.1**	0.17	0.24	87	0.2	0.8	**0.5**	0.04	0.07	*C09*
Other oropharynx	74	0.1	0.8	**0.6**	0.05	0.06	17	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	73	0.1	0.7	**0.6**	0.04	0.06	35	0.1	0.3	**0.2**	0.01	0.03	*C11*
Hypopharynx	150	0.3	1.5	**1.1**	0.07	0.14	45	0.1	0.4	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	45	0.1	0.5	**0.3**	0.02	0.04	25	0.0	0.2	**0.2**	0.01	0.02	*C14*
Oesophagus	831	1.5	8.5	**6.1**	0.33	0.77	291	0.6	2.8	**1.6**	0.08	0.19	*C15*
Stomach	1093	2.0	11.1	**7.7**	0.39	0.87	708	1.4	6.8	**3.4**	0.16	0.37	*C16*
Small intestine	257	0.5	2.6	**1.9**	0.11	0.23	256	0.5	2.5	**1.4**	0.09	0.17	*C17*
Colon	3589	6.4	36.5	**24.9**	1.15	2.89	4019	7.8	38.7	**20.4**	1.00	2.38	*C18*
Rectum	1598	2.9	16.3	**11.6**	0.65	1.37	1333	2.6	12.8	**7.6**	0.45	0.90	*C19-20*
Anus	114	0.2	1.2	**0.8**	0.06	0.09	202	0.4	1.9	**1.3**	0.09	0.14	*C21*
Liver	977	1.7	9.9	**7.2**	0.50	0.85	439	0.8	4.2	**2.5**	0.13	0.29	*C22*
Gallbladder etc.	279	0.5	2.8	**1.9**	0.09	0.21	362	0.7	3.5	**1.8**	0.09	0.21	*C23-24*
Pancreas	1457	2.6	14.8	**10.4**	0.53	1.28	1478	2.9	14.2	**7.4**	0.35	0.88	*C25*
Nose, sinuses etc.	69	0.1	0.7	**0.5**	0.04	0.06	72	0.1	0.7	**0.5**	0.03	0.05	*C30-31*
Larynx	763	1.4	7.8	**5.8**	0.36	0.76	214	0.4	2.1	**1.4**	0.10	0.17	*C32*
Trachea, bronchus and lung	8545	15.3	86.9	**60.9**	2.74	7.64	7874	15.2	75.7	**44.4**	2.14	5.77	*C33-34*
Other thoracic organs	72	0.1	0.7	**0.6**	0.04	0.06	56	0.1	0.5	**0.4**	0.03	0.04	*C37-38*
Bone	107	0.2	1.1	**1.0**	0.06	0.08	106	0.2	1.0	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	1760	3.1	17.9	**13.2**	0.79	1.48	1440	2.8	13.9	**10.4**	0.75	1.01	*C43*
Other skin	166		1.7	**1.2**	0.06	0.11	223		2.1	**1.5**	0.09	0.15	*C44*
Mesothelioma	144	0.3	1.5	**0.9**	0.03	0.11	54	0.1	0.5	**0.3**	0.01	0.04	*C45*
Kaposi sarcoma	73	0.1	0.7	**0.6**	0.04	0.05	14	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	369	0.7	3.8	**2.9**	0.15	0.28	307	0.6	3.0	**2.0**	0.12	0.20	*C47+C49*
Breast	139	0.2	1.4	**1.0**	0.07	0.12	14155	27.4	136.2	**89.6**	6.39	10.31	*C50*
Vulva							307	0.6	3.0	**1.7**	0.11	0.19	*C51*
Vagina							94	0.2	0.9	**0.5**	0.03	0.06	*C52*
Cervix uteri							874	1.7	8.4	**6.6**	0.50	0.65	*C53*
Corpus uteri							3068	5.9	29.5	**20.0**	1.45	2.50	*C54*
Uterus unspecified							99	0.2	1.0	**0.6**	0.04	0.07	*C55*
Ovary							1525	3.0	14.7	**9.4**	0.63	1.05	*C56*
Other female genital organs							60	0.1	0.6	**0.4**	0.03	0.05	*C57*
Placenta							10	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	72	0.1	0.7	**0.5**	0.02	0.04							*C60*
Prostate	17477	31.3	177.7	**132.4**	7.12	17.72							*C61*
Testis	528	0.9	5.4	**5.0**	0.38	0.38							*C62*
Other male genital organs	27	0.0	0.3	**0.2**	0.01	0.02							*C63*
Kidney	1831	3.3	18.6	**13.8**	0.88	1.68	1234	2.4	11.9	**7.7**	0.49	0.89	*C64*
Renal pelvis	108	0.2	1.1	**0.7**	0.03	0.08	69	0.1	0.7	**0.3**	0.01	0.03	*C65*
Ureter	66	0.1	0.7	**0.5**	0.02	0.06	51	0.1	0.5	**0.3**	0.01	0.03	*C66*
Bladder	3577	6.4	36.4	**24.2**	0.97	2.75	1290	2.5	12.4	**6.6**	0.30	0.81	*C67*
Other urinary organs	56	0.1	0.6	**0.4**	0.01	0.04	32	0.1	0.3	**0.2**	0.01	0.02	*C68*
Eye	83	0.1	0.8	**0.7**	0.04	0.07	59	0.1	0.6	**0.5**	0.03	0.05	*C69*
Brain, nervous system	707	1.3	7.2	**5.9**	0.38	0.59	610	1.2	5.9	**4.5**	0.26	0.44	*C70-72*
Thyroid	547	1.0	5.6	**4.3**	0.31	0.47	1558	3.0	15.0	**11.7**	0.91	1.16	*C73*
Adrenal gland	37	0.1	0.4	**0.4**	0.02	0.03	31	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	14	0.0	0.1	**0.1**	0.01	0.01	16	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	353	0.6	3.6	**3.2**	0.23	0.27	319	0.6	3.1	**2.9**	0.19	0.23	*C81*
Non-Hodgkin lymphoma	2295	4.1	23.3	**16.9**	0.94	1.85	2241	4.3	21.6	**13.0**	0.74	1.49	*C82-85,C96*
Immunoproliferative diseases	61	0.1	0.6	**0.4**	0.02	0.04	29	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	747	1.3	7.6	**5.3**	0.25	0.62	679	1.3	6.5	**3.7**	0.19	0.45	*C90*
Lymphoid leukaemia	829	1.5	8.4	**6.7**	0.33	0.71	576	1.1	5.5	**3.7**	0.18	0.38	*C91*
Myeloid leukaemia	732	1.3	7.4	**5.4**	0.25	0.56	641	1.2	6.2	**3.8**	0.20	0.39	*C92-94*
Leukaemia unspecified	61	0.1	0.6	**0.5**	0.02	0.04	69	0.1	0.7	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	354	0.6	3.6	**2.5**	0.13	0.25	354	0.7	3.4	**2.0**	0.11	0.22	*MPD*
Myelodysplastic syndromes	670	1.2	6.8	**4.2**	0.11	0.40	560	1.1	5.4	**2.5**	0.08	0.24	*MDS*
Other and unspecified	792	1.4	8.1	**5.6**	0.27	0.61	1060	2.1	10.2	**5.2**	0.24	0.56	*O&U*
All sites	56075		570.3	**413.3**	21.80	50.11	51896		499.2	**312.2**	19.24	35.92	*C00-96*
All sites except C44	55909	100.0	568.6	**412.1**	21.75	50.00	51673	100.0	497.1	**310.7**	19.14	35.77	*C00-96 exc. C44*

§Includes 8 cases of unknown age

*USA, Michigan, Detroit: Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.0	0.1	**0.1**	0.00	0.02	2	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	87	0.7	3.6	**3.6**	0.24	0.48	39	0.3	1.4	**1.1**	0.08	0.13	*C01-02*
Mouth	80	0.6	3.3	**3.0**	0.22	0.36	48	0.4	1.7	**1.3**	0.10	0.14	*C03-06*
Salivary glands	14	0.1	0.6	**0.6**	0.04	0.07	31	0.3	1.1	**0.9**	0.06	0.10	*C07-08*
Tonsil	58	0.5	2.4	**2.3**	0.17	0.27	23	0.2	0.8	**0.6**	0.04	0.07	*C09*
Other oropharynx	31	0.2	1.3	**1.1**	0.09	0.11	9	0.1	0.3	**0.2**	0.01	0.01	*C10*
Nasopharynx	20	0.2	0.8	**0.8**	0.07	0.08	7	0.1	0.3	**0.2**	0.01	0.03	*C11*
Hypopharynx	52	0.4	2.2	**2.0**	0.16	0.22	20	0.2	0.7	**0.6**	0.05	0.08	*C12-13*
Pharynx unspecified	14	0.1	0.6	**0.6**	0.04	0.08	11	0.1	0.4	**0.3**	0.02	0.04	*C14*
Oesophagus	175	1.4	7.3	**6.8**	0.37	0.88	88	0.8	3.2	**2.4**	0.14	0.29	*C15*
Stomach	311	2.4	13.0	**11.4**	0.56	1.22	220	1.9	7.9	**5.0**	0.23	0.51	*C16*
Small intestine	86	0.7	3.6	**3.4**	0.17	0.45	90	0.8	3.2	**2.4**	0.13	0.28	*C17*
Colon	938	7.4	39.1	**35.1**	1.84	4.05	1043	9.2	37.4	**26.4**	1.47	3.16	*C18*
Rectum	339	2.7	14.1	**12.6**	0.71	1.47	319	2.8	11.4	**8.3**	0.50	0.99	*C19-20*
Anus	45	0.4	1.9	**1.6**	0.12	0.15	48	0.4	1.7	**1.4**	0.09	0.15	*C21*
Liver	317	2.5	13.2	**12.0**	1.03	1.42	131	1.2	4.7	**3.4**	0.23	0.40	*C22*
Gallbladder etc.	50	0.4	2.1	**1.8**	0.13	0.21	93	0.8	3.3	**2.3**	0.11	0.28	*C23-24*
Pancreas	358	2.8	14.9	**13.6**	0.78	1.66	411	3.6	14.7	**10.4**	0.54	1.26	*C25*
Nose, sinuses etc.	22	0.2	0.9	**0.9**	0.05	0.11	14	0.1	0.5	**0.4**	0.03	0.04	*C30-31*
Larynx	235	1.8	9.8	**9.4**	0.57	1.27	74	0.7	2.7	**2.0**	0.16	0.24	*C32*
Trachea, bronchus and lung	2068	16.3	86.2	**79.2**	4.20	9.94	1719	15.1	61.6	**45.8**	2.50	5.72	*C33-34*
Other thoracic organs	15	0.1	0.6	**0.6**	0.03	0.06	17	0.1	0.6	**0.5**	0.03	0.05	*C37-38*
Bone	20	0.2	0.8	**0.8**	0.06	0.06	30	0.3	1.1	**0.9**	0.06	0.08	*C40-41*
Melanoma of skin	10	0.1	0.4	**0.4**	0.03	0.05	21	0.2	0.8	**0.5**	0.03	0.05	*C43*
Other skin	26		1.1	**1.0**	0.07	0.10	50		1.8	**1.5**	0.12	0.15	*C44*
Mesothelioma	11	0.1	0.5	**0.4**	0.02	0.05	7	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	37	0.3	1.5	**1.5**	0.11	0.12	3	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	66	0.5	2.8	**2.5**	0.15	0.22	67	0.6	2.4	**2.0**	0.15	0.18	*C47+C49*
Breast	35	0.3	1.5	**1.3**	0.11	0.16	3141	27.7	112.5	**87.3**	6.23	10.03	*C50*
Vulva							56	0.5	2.0	**1.6**	0.12	0.17	*C51*
Vagina							28	0.2	1.0	**0.8**	0.05	0.10	*C52*
Cervix uteri							313	2.8	11.2	**9.5**	0.75	0.95	*C53*
Corpus uteri							569	5.0	20.4	**16.7**	1.08	2.19	*C54*
Uterus unspecified							38	0.3	1.4	**1.1**	0.06	0.12	*C55*
Ovary							282	2.5	10.1	**7.7**	0.47	0.87	*C56*
Other female genital organs							9	0.1	0.3	**0.3**	0.01	0.03	*C57*
Placenta							3	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	18	0.1	0.8	**0.6**	0.03	0.05							*C60*
Prostate	4794	37.7	199.9	**191.7**	11.02	25.77							*C61*
Testis	31	0.2	1.3	**1.2**	0.10	0.10							*C62*
Other male genital organs	6	0.0	0.3	**0.2**	0.01	0.02							*C63*
Kidney	430	3.4	17.9	**16.5**	1.09	1.99	299	2.6	10.7	**8.3**	0.49	1.01	*C64*
Renal pelvis	15	0.1	0.6	**0.6**	0.03	0.06	1	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	5	0.0	0.2	**0.2**	0.02	0.04	4	0.0	0.1	**0.1**	0.00	0.02	*C66*
Bladder	366	2.9	15.3	**13.6**	0.60	1.53	209	1.8	7.5	**4.8**	0.19	0.55	*C67*
Other urinary organs	13	0.1	0.5	**0.5**	0.02	0.06	11	0.1	0.4	**0.3**	0.03	0.04	*C68*
Eye	5	0.0	0.2	**0.3**	0.01	0.01	6	0.1	0.2	**0.3**	0.01	0.02	*C69*
Brain, nervous system	99	0.8	4.1	**4.0**	0.23	0.44	114	1.0	4.1	**3.6**	0.20	0.34	*C70-72*
Thyroid	73	0.6	3.0	**2.8**	0.21	0.29	258	2.3	9.2	**7.7**	0.57	0.82	*C73*
Adrenal gland	7	0.1	0.3	**0.3**	0.02	0.03	10	0.1	0.4	**0.4**	0.03	0.03	*C74*
Other endocrine	4	0.0	0.2	**0.2**	0.01	0.02	5	0.0	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	79	0.6	3.3	**3.2**	0.25	0.28	68	0.6	2.4	**2.4**	0.15	0.21	*C81*
Non-Hodgkin lymphoma	370	2.9	15.4	**14.0**	0.84	1.47	386	3.4	13.8	**10.8**	0.69	1.17	*C82-85,C96*
Immunoproliferative diseases	9	0.1	0.4	**0.3**	0.01	0.03	4	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	257	2.0	10.7	**9.9**	0.52	1.12	286	2.5	10.2	**7.6**	0.38	0.96	*C90*
Lymphoid leukaemia	130	1.0	5.4	**5.0**	0.30	0.48	98	0.9	3.5	**2.7**	0.14	0.31	*C91*
Myeloid leukaemia	136	1.1	5.7	**5.2**	0.29	0.52	123	1.1	4.4	**3.2**	0.15	0.35	*C92-94*
Leukaemia unspecified	10	0.1	0.4	**0.4**	0.02	0.03	11	0.1	0.4	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	71	0.6	3.0	**2.6**	0.14	0.28	84	0.7	3.0	**2.3**	0.12	0.27	*MPD*
Myelodysplastic syndromes	110	0.9	4.6	**3.7**	0.12	0.36	114	1.0	4.1	**2.6**	0.10	0.26	*MDS*
Other and unspecified	177	1.4	7.4	**6.7**	0.36	0.77	233	2.1	8.3	**6.0**	0.31	0.64	*O&U*
All sites	12737		531.1	**493.9**	28.37	61.05	11398		408.2	**309.8**	19.28	36.00	*C00-96*
All sites except C44	12711	100.0	530.0	**492.9**	28.30	60.96	11348	100.0	406.4	**308.2**	19.17	35.86	*C00-96 exc. C44*

§Includes 1 case of unknown age

*See note following population pyramid

*USA, Michigan, Detroit: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	67	0.2	1.0	**0.6**	0.02	0.07	16	0.0	0.2	**0.1**	0.00	0.00	*C00*
Tongue	368	0.9	5.2	**3.6**	0.27	0.43	137	0.3	1.9	**1.1**	0.07	0.12	*C01-02*
Mouth	263	0.6	3.7	**2.5**	0.18	0.31	173	0.4	2.4	**1.4**	0.09	0.15	*C03-06*
Salivary glands	128	0.3	1.8	**1.2**	0.08	0.13	107	0.3	1.5	**1.0**	0.07	0.10	*C07-08*
Tonsil	216	0.5	3.1	**2.1**	0.18	0.24	64	0.2	0.9	**0.5**	0.04	0.07	*C09*
Other oropharynx	43	0.1	0.6	**0.4**	0.04	0.05	8	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	50	0.1	0.7	**0.5**	0.03	0.05	28	0.1	0.4	**0.2**	0.01	0.03	*C11*
Hypopharynx	98	0.2	1.4	**1.0**	0.05	0.13	25	0.1	0.3	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	31	0.1	0.4	**0.3**	0.02	0.04	13	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	646	1.6	9.2	**6.0**	0.33	0.76	199	0.5	2.8	**1.3**	0.06	0.15	*C15*
Stomach	743	1.8	10.6	**6.7**	0.33	0.77	473	1.2	6.6	**2.9**	0.13	0.32	*C16*
Small intestine	171	0.4	2.4	**1.6**	0.10	0.18	164	0.4	2.3	**1.2**	0.07	0.13	*C17*
Colon	2597	6.3	37.0	**22.7**	0.99	2.63	2914	7.4	40.5	**18.6**	0.86	2.14	*C18*
Rectum	1230	3.0	17.5	**11.4**	0.65	1.36	986	2.5	13.7	**7.4**	0.44	0.88	*C19-20*
Anus	67	0.2	1.0	**0.6**	0.04	0.07	153	0.4	2.1	**1.3**	0.09	0.15	*C21*
Liver	629	1.5	8.9	**5.8**	0.35	0.69	284	0.7	3.9	**2.1**	0.10	0.24	*C22*
Gallbladder etc.	222	0.5	3.2	**1.9**	0.08	0.21	257	0.7	3.6	**1.6**	0.07	0.18	*C23-24*
Pancreas	1085	2.6	15.4	**9.9**	0.48	1.22	1046	2.7	14.5	**6.5**	0.29	0.77	*C25*
Nose, sinuses etc.	46	0.1	0.7	**0.5**	0.03	0.05	56	0.1	0.8	**0.5**	0.03	0.06	*C30-31*
Larynx	519	1.2	7.4	**5.1**	0.31	0.65	138	0.4	1.9	**1.2**	0.08	0.15	*C32*
Trachea, bronchus and lung	6387	15.4	90.9	**57.4**	2.42	7.20	6102	15.5	84.7	**44.9**	2.10	5.91	*C33-34*
Other thoracic organs	56	0.1	0.8	**0.7**	0.04	0.06	38	0.1	0.5	**0.4**	0.03	0.04	*C37-38*
Bone	83	0.2	1.2	**1.0**	0.06	0.09	73	0.2	1.0	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	1711	4.1	24.3	**16.8**	1.02	1.88	1391	3.5	19.3	**14.2**	1.03	1.37	*C43*
Other skin	135		1.9	**1.2**	0.05	0.12	166		2.3	**1.4**	0.08	0.15	*C44*
Mesothelioma	133	0.3	1.9	**1.1**	0.03	0.12	44	0.1	0.6	**0.3**	0.01	0.04	*C45*
Kaposi sarcoma	28	0.1	0.4	**0.3**	0.01	0.03	10	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	290	0.7	4.1	**2.9**	0.15	0.29	232	0.6	3.2	**2.0**	0.11	0.20	*C47+C49*
Breast	99	0.2	1.4	**0.9**	0.05	0.11	10690	27.2	148.4	**90.9**	6.47	10.45	*C50*
Vulva							247	0.6	3.4	**1.8**	0.10	0.20	*C51*
Vagina							66	0.2	0.9	**0.5**	0.03	0.05	*C52*
Cervix uteri							543	1.4	7.5	**5.7**	0.43	0.56	*C53*
Corpus uteri							2450	6.2	34.0	**21.4**	1.60	2.65	*C54*
Uterus unspecified							56	0.1	0.8	**0.4**	0.03	0.05	*C55*
Ovary							1211	3.1	16.8	**10.1**	0.68	1.12	*C56*
Other female genital organs							51	0.1	0.7	**0.4**	0.03	0.06	*C57*
Placenta							6	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	52	0.1	0.7	**0.4**	0.02	0.04							*C60*
Prostate	11760	28.3	167.3	**113.1**	5.87	15.14							*C61*
Testis	480	1.2	6.8	**6.4**	0.48	0.49							*C62*
Other male genital organs	21	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	1362	3.3	19.4	**13.2**	0.83	1.62	910	2.3	12.6	**7.6**	0.50	0.87	*C64*
Renal pelvis	92	0.2	1.3	**0.8**	0.03	0.09	67	0.2	0.9	**0.4**	0.01	0.03	*C65*
Ureter	61	0.1	0.9	**0.5**	0.02	0.07	46	0.1	0.6	**0.3**	0.01	0.04	*C66*
Bladder	3131	7.5	44.6	**26.8**	1.07	3.06	1049	2.7	14.6	**7.2**	0.34	0.88	*C67*
Other urinary organs	41	0.1	0.6	**0.3**	0.01	0.03	21	0.1	0.3	**0.1**	0.01	0.01	*C68*
Eye	77	0.2	1.1	**0.8**	0.05	0.09	51	0.1	0.7	**0.5**	0.03	0.05	*C69*
Brain, nervous system	593	1.4	8.4	**6.6**	0.43	0.64	484	1.2	6.7	**4.9**	0.29	0.49	*C70-72*
Thyroid	453	1.1	6.4	**4.8**	0.35	0.52	1243	3.2	17.3	**13.3**	1.04	1.29	*C73*
Adrenal gland	27	0.1	0.4	**0.4**	0.02	0.03	20	0.1	0.3	**0.3**	0.01	0.02	*C74*
Other endocrine	10	0.0	0.1	**0.1**	0.01	0.01	11	0.0	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	263	0.6	3.7	**3.3**	0.23	0.28	246	0.6	3.4	**3.2**	0.21	0.25	*C81*
Non-Hodgkin lymphoma	1880	4.5	26.8	**17.7**	0.98	1.96	1799	4.6	25.0	**13.5**	0.75	1.58	*C82-85,C96*
Immunoproliferative diseases	48	0.1	0.7	**0.4**	0.01	0.04	24	0.1	0.3	**0.2**	0.01	0.03	*C88*
Multiple myeloma	479	1.2	6.8	**4.2**	0.18	0.51	383	1.0	5.3	**2.6**	0.13	0.30	*C90*
Lymphoid leukaemia	657	1.6	9.3	**7.0**	0.33	0.74	451	1.1	6.3	**4.0**	0.19	0.39	*C91*
Myeloid leukaemia	585	1.4	8.3	**5.6**	0.25	0.58	502	1.3	7.0	**4.0**	0.22	0.40	*C92-94*
Leukaemia unspecified	49	0.1	0.7	**0.4**	0.01	0.04	57	0.1	0.8	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	268	0.6	3.8	**2.4**	0.13	0.24	253	0.6	3.5	**1.8**	0.10	0.20	*MPD*
Myelodysplastic syndromes	549	1.3	7.8	**4.3**	0.11	0.42	434	1.1	6.0	**2.4**	0.08	0.24	*MDS*
Other and unspecified	604	1.5	8.6	**5.4**	0.25	0.58	804	2.0	11.2	**4.9**	0.22	0.53	*O&U*
All sites	41683		593.1	**391.8**	20.08	47.18	39472		548.1	**316.3**	19.46	36.24	*C00-96*
All sites except C44	41548	100.0	591.2	**390.6**	20.02	47.06	39306	100.0	545.8	**314.8**	19.38	36.10	*C00-96 exc. C44*

§Includes 3 cases of unknown age

*See note following population pyramid

USA, Mississippi

REGISTRATION AREA

The Mississippi Cancer Registry (MCR) is a population-based registry that has served the citizens of the state of Mississippi in the USA since 1996. Mississippi's population is largely rural, and is 60% White, 37% Black, and 3% of other races; 19% of the population is uninsured.

CANCER CARE FACILITIES

Out of nearly 100 hospitals in the state, only 13 have cancer programmes approved by the American College of Surgeons Commission on Cancer.

REGISTRY STRUCTURE AND METHODS

Reporting to the MCR is mandated by state law. The United States Centers for Disease Control and Prevention (CDC), the Mississippi State Department of Health, and the University of Mississippi Medical Center provide the funding for the registry. The MCR has 10 staff members, eight of whom are certified tumour registrars (CTRs). Hospitals and some clinics actively submit cancer cases to the MCR. Other cases diagnosed and treated in non-hospital settings are identified through pathology reports, and requests are made to the facility for the relevant cancer information. Reportable diseases are those required by CDC, and the standards for data collection are outlined by the North American Association of Central Cancer Registries (NAACCR). All data are subject to visual review and editing by registry CTRs, as well as edit checks using CDC- and NAACCR-required edit sets. SEER multiple primary rules are used to determine the number of primary cancers for an individual cancer patient. Active follow-up of patients is not performed. Passive follow-up is accomplished through linkage with Mississippi Vital Records and the National Death Index.

INTERPRETING THE RESULTS

The only organized screening programme directed towards the uninsured population is the Mississippi Breast and Cervical Cancer Early Detection Program, which screens only a small percentage of eligible uninsured women across the state.

USE OF THE DATA

The MCR publishes aggregate incidence and mortality statistics and stage of disease at diagnosis statistics online (http://www.umc.edu/mcr/) and provides data to the Mississippi State Department of Health for planning and evaluation of health services. MCR data are used in the planning, implementation, and evaluation of the Mississippi Comprehensive Cancer Control Plan. Data are also provided to researchers upon request.

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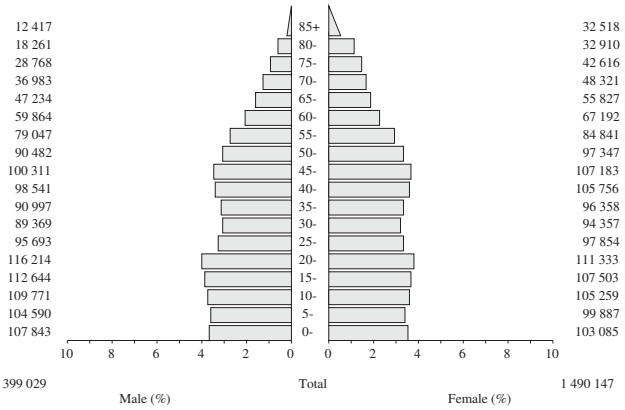
USA, Mississippi (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	117.4	Breast	79.0
Trachea, bronchus and lung	74.8	Trachea, bronchus and lung	37.4
Colon	29.1	Colon	22.7
Bladder	17.3	Corpus uteri	13.3
Kidney	15.2	Non-Hodgkin lymphoma	9.5
Non-Hodgkin lymphoma	14.4	Thyroid	9.1
Rectum	12.8	Melanoma of skin	8.6
Melanoma of skin	12.3	Kidney	8.0
Pancreas	8.6	Ovary	7.6
Other and unspecified	8.3	Cervix uteri	7.3
All sites	400.1	All sites	269.7

USA, Mississippi (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	118	0.3	1.7	**1.2**	0.06	0.15	26	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	300	0.8	4.3	**3.4**	0.26	0.40	114	0.4	1.5	**1.0**	0.08	0.11	*C01-02*
Mouth	267	0.7	3.8	**2.9**	0.20	0.37	145	0.5	1.9	**1.2**	0.07	0.14	*C03-06*
Salivary glands	98	0.3	1.4	**1.0**	0.05	0.10	76	0.2	1.0	**0.7**	0.04	0.07	*C07-08*
Tonsil	230	0.6	3.3	**2.6**	0.21	0.30	58	0.2	0.8	**0.5**	0.03	0.06	*C09*
Other oropharynx	53	0.1	0.8	**0.6**	0.05	0.07	20	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	57	0.2	0.8	**0.6**	0.05	0.06	31	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	133	0.4	1.9	**1.5**	0.11	0.17	22	0.1	0.3	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	62	0.2	0.9	**0.7**	0.05	0.08	16	0.1	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	616	1.6	8.8	**6.7**	0.46	0.82	134	0.4	1.8	**1.1**	0.06	0.14	*C15*
Stomach	622	1.7	8.9	**6.5**	0.37	0.78	408	1.3	5.5	**3.0**	0.15	0.33	*C16*
Small intestine	175	0.5	2.5	**1.8**	0.12	0.22	158	0.5	2.1	**1.3**	0.08	0.16	*C17*
Colon	2804	7.5	40.1	**29.1**	1.60	3.51	2933	9.5	39.4	**22.7**	1.24	2.70	*C18*
Rectum	1189	3.2	17.0	**12.8**	0.82	1.54	815	2.7	10.9	**6.9**	0.46	0.82	*C19-20*
Anus	106	0.3	1.5	**1.2**	0.09	0.14	119	0.4	1.6	**1.0**	0.07	0.12	*C21*
Liver	600	1.6	8.6	**6.4**	0.42	0.76	245	0.8	3.3	**2.0**	0.10	0.22	*C22*
Gallbladder etc.	124	0.3	1.8	**1.2**	0.06	0.14	191	0.6	2.6	**1.4**	0.08	0.17	*C23-24*
Pancreas	836	2.2	12.0	**8.6**	0.47	1.03	837	2.7	11.2	**6.1**	0.27	0.74	*C25*
Nose, sinuses etc.	76	0.2	1.1	**0.8**	0.06	0.09	42	0.1	0.6	**0.4**	0.03	0.05	*C30-31*
Larynx	696	1.9	9.9	**7.7**	0.51	0.98	129	0.4	1.7	**1.2**	0.09	0.16	*C32*
Trachea, bronchus and lung	7185	19.2	102.7	**74.8**	3.69	9.68	4533	14.8	60.8	**37.4**	2.10	4.84	*C33-34*
Other thoracic organs	33	0.1	0.5	**0.4**	0.02	0.04	21	0.1	0.3	**0.2**	0.02	0.02	*C37-38*
Bone	72	0.2	1.0	**1.0**	0.06	0.08	57	0.2	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	1141	3.0	16.3	**12.3**	0.72	1.42	875	2.8	11.7	**8.6**	0.61	0.87	*C43*
Other skin	92		1.3	**0.9**	0.05	0.10	70		0.9	**0.6**	0.03	0.06	*C44*
Mesothelioma	95	0.3	1.4	**0.9**	0.04	0.10	25	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	45	0.1	0.6	**0.5**	0.03	0.05	7	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	237	0.6	3.4	**2.7**	0.14	0.28	178	0.6	2.4	**1.8**	0.11	0.19	*C47+C49*
Breast	63	0.2	0.9	**0.7**	0.04	0.08	8570	27.9	115.0	**79.0**	5.69	9.14	*C50*
Vulva							211	0.7	2.8	**1.8**	0.13	0.19	*C51*
Vagina							68	0.2	0.9	**0.6**	0.04	0.07	*C52*
Cervix uteri							709	2.3	9.5	**7.3**	0.58	0.73	*C53*
Corpus uteri							1433	4.7	19.2	**13.3**	0.95	1.62	*C54*
Uterus unspecified							64	0.2	0.9	**0.5**	0.03	0.05	*C55*
Ovary							866	2.8	11.6	**7.6**	0.49	0.87	*C56*
Other female genital organs							40	0.1	0.5	**0.4**	0.03	0.05	*C57*
Placenta							5	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	61	0.2	0.9	**0.6**	0.04	0.07							*C60*
Prostate	11005	29.4	157.3	**117.4**	6.08	16.02							*C61*
Testis	237	0.6	3.4	**3.3**	0.25	0.25							*C62*
Other male genital organs	11	0.0	0.2	**0.1**	0.00	0.02							*C63*
Kidney	1370	3.7	19.6	**15.2**	0.97	1.89	890	2.9	11.9	**8.0**	0.52	0.95	*C64*
Renal pelvis	39	0.1	0.6	**0.3**	0.01	0.03	44	0.1	0.6	**0.3**	0.02	0.04	*C65*
Ureter	39	0.1	0.6	**0.4**	0.01	0.06	32	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	1762	4.7	25.2	**17.3**	0.71	2.05	602	2.0	8.1	**4.5**	0.21	0.53	*C67*
Other urinary organs	19	0.1	0.3	**0.2**	0.01	0.02	17	0.1	0.2	**0.1**	0.01	0.01	*C68*
Eye	56	0.1	0.8	**0.7**	0.03	0.06	42	0.1	0.6	**0.5**	0.03	0.05	*C69*
Brain, nervous system	457	1.2	6.5	**5.7**	0.34	0.58	447	1.5	6.0	**4.7**	0.29	0.47	*C70-72*
Thyroid	269	0.7	3.8	**3.2**	0.22	0.34	829	2.7	11.1	**9.1**	0.71	0.90	*C73*
Adrenal gland	14	0.0	0.2	**0.2**	0.01	0.02	20	0.1	0.3	**0.2**	0.02	0.02	*C74*
Other endocrine	11	0.0	0.2	**0.1**	0.01	0.01	7	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	204	0.5	2.9	**2.6**	0.19	0.23	165	0.5	2.2	**2.0**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	1319	3.5	18.9	**14.4**	0.83	1.68	1152	3.7	15.5	**9.5**	0.52	1.15	*C82-85,C96*
Immunoproliferative diseases	11	0.0	0.2	**0.1**	0.01	0.02	7	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	474	1.3	6.8	**5.0**	0.28	0.65	480	1.6	6.4	**3.8**	0.22	0.45	*C90*
Lymphoid leukaemia	385	1.0	5.5	**4.6**	0.23	0.44	264	0.9	3.5	**2.5**	0.13	0.22	*C91*
Myeloid leukaemia	394	1.1	5.6	**4.4**	0.24	0.48	360	1.2	4.8	**3.2**	0.18	0.32	*C92-94*
Leukaemia unspecified	96	0.3	1.4	**0.9**	0.04	0.09	69	0.2	0.9	**0.4**	0.01	0.04	*C95*
Myeloproliferative disorders	146	0.4	2.1	**1.6**	0.09	0.19	128	0.4	1.7	**1.1**	0.07	0.11	*MPD*
Myelodysplastic syndromes	206	0.6	2.9	**2.0**	0.07	0.22	180	0.6	2.4	**1.3**	0.06	0.14	*MDS*
Other and unspecified	805	2.2	11.5	**8.3**	0.44	0.95	813	2.6	10.9	**6.1**	0.34	0.69	*O&U*
All sites	37515		536.3	**400.1**	21.92	49.87	30799		413.4	**269.7**	17.28	31.19	*C00-96*
All sites except C44	37423	100.0	535.0	**399.2**	21.87	49.76	30729	100.0	412.4	**269.1**	17.24	31.13	*C00-96 exc. C44*

§Includes 2 cases of unknown age

USA, Missouri

REGISTRATION AREA

The Missouri Cancer Registry (MCR) covers the state of Missouri in the USA, which has slightly more than 6 million residents and is divided into 115 counties. About 75% of Missouri residents live in a major or minor metropolitan area. The population is 84% White, 12% Black, and 4% of other races. Less than 4% of residents are Hispanic.

CANCER CARE FACILITIES

The MCR collects reports of newly diagnosed cancer cases from hospitals, long-term care facilities, ambulatory surgery centres, free-standing cancer treatment centres, pathology laboratories, dermatologists, and Missouri Vital Statistics, as well as through case-sharing agreements with 19 other states. By 2014, physicians' offices will submit data from electronic health records.

REGISTRY STRUCTURE AND METHODS

The MCR is a joint endeavour of the University of Missouri and the Missouri Department of Health and Senior Services, and receives funding from the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR). The registry staff includes a director, eight certified tumour registrars, two database administrators, a software support analyst, a statistician, an electronic communication coordinator, a special project coordinator, a part-time clerical support person, and two graduate research assistants.

INTERPRETING THE RESULTS

MCR data meet NPCR data quality and completeness standards. The MCR has achieved North American Association of Central Cancer Registries (NAACCR) Gold Certification. Collaboration with Missouri's breast and cervical cancer screening programme (Show Me Healthy Women) provides an additional case-finding source for MCR and increases the completeness of screening programme records. Missouri has a breast and cervical cancer screening programme but not a colorectal cancer screening programme.

USE OF THE DATA

MCR data are used for programme planning and evaluation, epidemiological studies, excess cancer inquiries, annual reports, and other purposes (e.g. to address and assess cancer prevention and control issues). Policy-makers look to the registry to provide information about cancer burden, time trends in cancer incidence, disparity reduction, etc. Missouri incidence data are available online (http://health.mo.gov/data/mica/MICA/) by site, race, age group, and geographical unit. Lists of the top 10 cancer sites by county for males, females, and the total population are available from http://mcr.umh.edu/mcr-county-level-data.php. County-level data are also available in single or double map displays combined with tables, time-series charts, bar charts, and scatter plots (http://mcr.umh.edu/mcr-instantatlas-data.php). The Missouri Cancer Registry and Research Center (MCR-ARC) maintains a website (http://mcr.umh.edu) to assist entities required by Missouri Statutes (192.650 - 192.657 RSMo) to report cases to the MCR.

CONTRIBUTORS

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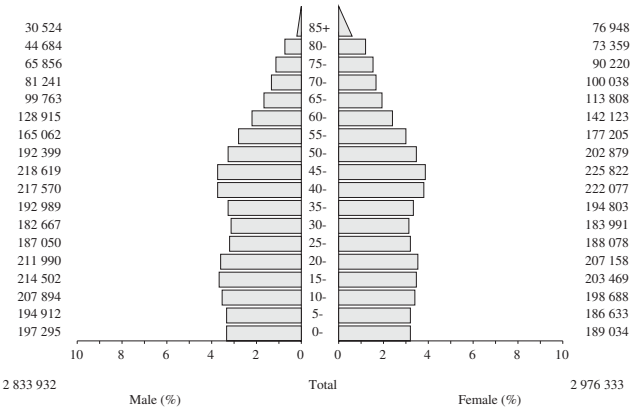
USA, Missouri (2003-2007)
Average annual person-years by sex and age group

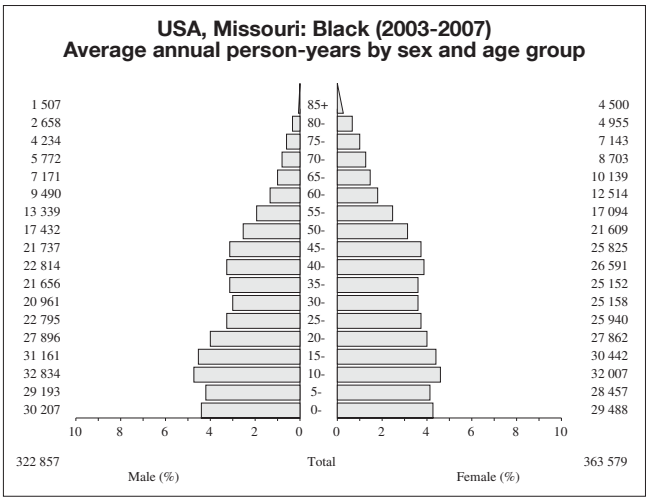


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

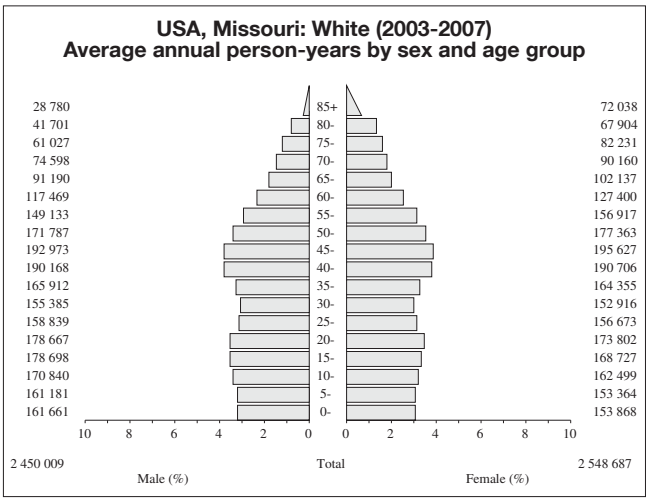
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	93.5	Breast	83.2
Trachea, bronchus and lung	65.8	Trachea, bronchus and lung	42.2
Colon	25.3	Colon	19.6
Bladder	21.0	Corpus uteri	17.0
Kidney	14.7	Thyroid	11.9
Non-Hodgkin lymphoma	14.6	Non-Hodgkin lymphoma	10.7
Melanoma of skin	14.1	Melanoma of skin	9.9
Rectum	11.9	Ovary	8.4
Pancreas	8.6	Kidney	7.8
Other and unspecified	7.8	Cervix uteri	6.6
All sites	365.9	All sites	285.9



USA, MISSOURI: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	139.9	Breast	83.2
Trachea, bronchus and lung	82.4	Trachea, bronchus and lung	45.7
Colon	34.6	Colon	25.0
Kidney	17.7	Corpus uteri	13.6
Liver	16.7	Cervix uteri	9.9
Pancreas	14.7	Kidney	9.4
Rectum	13.6	Pancreas	9.0
Bladder	12.6	Thyroid	8.9
Non-Hodgkin lymphoma	11.2	Non-Hodgkin lymphoma	8.2
Stomach	9.8	Rectum	8.0
All sites	442.2	All sites	287.0



USA, MISSOURI: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	88.9	Breast	83.2
Trachea, bronchus and lung	64.7	Trachea, bronchus and lung	42.1
Colon	24.6	Colon	19.0
Bladder	21.7	Corpus uteri	17.4
Melanoma of skin	15.3	Thyroid	12.2
Non-Hodgkin lymphoma	14.9	Melanoma of skin	11.1
Kidney	14.5	Non-Hodgkin lymphoma	10.9
Rectum	11.7	Ovary	8.6
Pancreas	8.0	Kidney	7.6
Other and unspecified	7.7	Rectum	6.3
All sites	358.9	All sites	286.5

USA, Missouri (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	179	0.2	1.3	**0.9**	0.05	0.11	42	0.1	0.3	**0.1**	0.01	0.02	*C00*
Tongue	647	0.9	4.6	**3.3**	0.26	0.38	256	0.4	1.7	**1.1**	0.07	0.14	*C01-02*
Mouth	441	0.6	3.1	**2.2**	0.15	0.27	292	0.4	2.0	**1.1**	0.07	0.13	*C03-06*
Salivary glands	187	0.2	1.3	**0.9**	0.04	0.09	156	0.2	1.0	**0.7**	0.04	0.06	*C07-08*
Tonsil	514	0.7	3.6	**2.7**	0.23	0.31	107	0.2	0.7	**0.5**	0.03	0.06	*C09*
Other oropharynx	139	0.2	1.0	**0.7**	0.06	0.09	41	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	95	0.1	0.7	**0.5**	0.04	0.05	28	0.0	0.2	**0.1**	0.01	0.02	*C11*
Hypopharynx	202	0.3	1.4	**1.0**	0.06	0.12	34	0.0	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	50	0.1	0.4	**0.2**	0.02	0.03	17	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	1318	1.7	9.3	**6.3**	0.36	0.79	349	0.5	2.3	**1.2**	0.06	0.14	*C15*
Stomach	1105	1.5	7.8	**5.1**	0.26	0.60	658	0.9	4.4	**2.3**	0.12	0.25	*C16*
Small intestine	359	0.5	2.5	**1.7**	0.11	0.21	290	0.4	1.9	**1.1**	0.07	0.13	*C17*
Colon	5623	7.4	39.7	**25.3**	1.17	2.95	6010	8.5	40.4	**19.6**	0.94	2.21	*C18*
Rectum	2489	3.3	17.6	**11.9**	0.70	1.41	1722	2.4	11.6	**6.5**	0.41	0.74	*C19-20*
Anus	202	0.3	1.4	**1.0**	0.08	0.12	367	0.5	2.5	**1.6**	0.12	0.18	*C21*
Liver	1304	1.7	9.2	**6.4**	0.45	0.72	546	0.8	3.7	**2.0**	0.10	0.25	*C22*
Gallbladder etc.	340	0.4	2.4	**1.5**	0.05	0.17	436	0.6	2.9	**1.4**	0.06	0.15	*C23-24*
Pancreas	1863	2.5	13.1	**8.6**	0.42	1.03	1943	2.8	13.1	**6.3**	0.29	0.73	*C25*
Nose, sinuses etc.	105	0.1	0.7	**0.5**	0.04	0.06	86	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	1062	1.4	7.5	**5.3**	0.33	0.67	297	0.4	2.0	**1.3**	0.09	0.17	*C32*
Trachea, bronchus and lung	14186	18.7	100.1	**65.8**	3.05	8.46	11070	15.7	74.4	**42.2**	2.12	5.53	*C33-34*
Other thoracic organs	63	0.1	0.4	**0.4**	0.02	0.03	44	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	186	0.2	1.3	**1.2**	0.07	0.10	130	0.2	0.9	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	2825	3.7	19.9	**14.1**	0.88	1.63	2022	2.9	13.6	**9.9**	0.70	1.00	*C43*
Other skin	181		1.3	**0.8**	0.04	0.08	143		1.0	**0.6**	0.04	0.06	*C44*
Mesothelioma	185	0.2	1.3	**0.8**	0.02	0.09	66	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	40	0.1	0.3	**0.2**	0.02	0.02	8	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	535	0.7	3.8	**2.9**	0.17	0.27	475	0.7	3.2	**2.3**	0.14	0.22	*C47+C49*
Breast	163	0.2	1.2	**0.8**	0.04	0.09	19396	27.5	130.3	**83.2**	5.84	9.62	*C50*
Vulva							485	0.7	3.3	**1.9**	0.13	0.21	*C51*
Vagina							112	0.2	0.8	**0.4**	0.03	0.05	*C52*
Cervix uteri							1269	1.8	8.5	**6.6**	0.51	0.64	*C53*
Corpus uteri							3943	5.6	26.5	**17.0**	1.20	2.06	*C54*
Uterus unspecified							172	0.2	1.2	**0.6**	0.03	0.06	*C55*
Ovary							2003	2.8	13.5	**8.4**	0.56	0.98	*C56*
Other female genital organs							97	0.1	0.7	**0.4**	0.03	0.05	*C57*
Placenta							9	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	115	0.2	0.8	**0.5**	0.03	0.06							*C60*
Prostate	19013	25.1	134.2	**93.5**	4.91	12.87							*C61*
Testis	669	0.9	4.7	**4.6**	0.33	0.34							*C62*
Other male genital organs	26	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	2963	3.9	20.9	**14.7**	0.90	1.76	1867	2.7	12.5	**7.8**	0.48	0.91	*C64*
Renal pelvis	131	0.2	0.9	**0.6**	0.02	0.07	105	0.1	0.7	**0.3**	0.01	0.04	*C65*
Ureter	96	0.1	0.7	**0.4**	0.01	0.06	51	0.1	0.3	**0.2**	0.00	0.02	*C66*
Bladder	4752	6.3	33.5	**21.0**	0.89	2.47	1536	2.2	10.3	**5.2**	0.24	0.62	*C67*
Other urinary organs	44	0.1	0.3	**0.2**	0.01	0.02	21	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	134	0.2	0.9	**0.8**	0.04	0.08	129	0.2	0.9	**0.6**	0.04	0.06	*C69*
Brain, nervous system	1115	1.5	7.9	**6.4**	0.41	0.64	975	1.4	6.6	**5.1**	0.32	0.47	*C70-72*
Thyroid	721	1.0	5.1	**4.0**	0.30	0.45	2190	3.1	14.7	**11.9**	0.93	1.15	*C73*
Adrenal gland	47	0.1	0.3	**0.4**	0.02	0.03	38	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	25	0.0	0.2	**0.2**	0.01	0.01	20	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	442	0.6	3.1	**2.8**	0.19	0.23	386	0.5	2.6	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	3008	4.0	21.2	**14.6**	0.80	1.63	2782	3.9	18.7	**10.7**	0.60	1.26	*C82-85,C96*
Immunoproliferative diseases	61	0.1	0.4	**0.2**	0.01	0.02	52	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	985	1.3	7.0	**4.6**	0.21	0.55	860	1.2	5.8	**3.1**	0.16	0.38	*C90*
Lymphoid leukaemia	1072	1.4	7.6	**5.8**	0.28	0.59	717	1.0	4.8	**3.2**	0.16	0.28	*C91*
Myeloid leukaemia	983	1.3	6.9	**4.9**	0.24	0.49	795	1.1	5.3	**3.2**	0.19	0.32	*C92-94*
Leukaemia unspecified	178	0.2	1.3	**0.7**	0.02	0.05	157	0.2	1.1	**0.4**	0.01	0.02	*C95*
Myeloproliferative disorders	279	0.4	2.0	**1.3**	0.07	0.14	287	0.4	1.9	**1.0**	0.05	0.12	*MPD*
Myelodysplastic syndromes	710	0.9	5.0	**2.8**	0.09	0.29	518	0.7	3.5	**1.6**	0.06	0.18	*MDS*
Other and unspecified	1750	2.3	12.4	**7.8**	0.38	0.85	1982	2.8	13.3	**6.3**	0.29	0.70	*O&U*
All sites	75907		535.7	**365.9**	19.36	44.66	70589		474.3	**285.9**	17.67	32.83	*C00-96*
All sites except C44	75726	100.0	534.4	**365.0**	19.32	44.57	70446	100.0	473.4	**285.3**	17.63	32.76	*C00-96 exc. C44*

§Includes 1 case of unknown age

USA, Missouri: Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	42	0.6	2.6	**2.7**	0.23	0.33	20	0.3	1.1	**0.9**	0.07	0.10	*C01-02*
Mouth	38	0.6	2.4	**2.5**	0.18	0.33	23	0.4	1.3	**1.0**	0.08	0.11	*C03-06*
Salivary glands	16	0.2	1.0	**1.0**	0.07	0.09	15	0.2	0.8	**0.7**	0.05	0.06	*C07-08*
Tonsil	38	0.6	2.4	**2.4**	0.21	0.29	13	0.2	0.7	**0.7**	0.06	0.09	*C09*
Other oropharynx	18	0.3	1.1	**1.1**	0.07	0.11	5	0.1	0.3	**0.2**	0.01	0.03	*C10*
Nasopharynx	18	0.3	1.1	**1.0**	0.08	0.08	7	0.1	0.4	**0.4**	0.03	0.04	*C11*
Hypopharynx	39	0.6	2.4	**2.5**	0.12	0.30	5	0.1	0.3	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	6	0.1	0.4	**0.4**	0.02	0.03	1	0.0	0.1	**0.0**	0.01	0.01	*C14*
Oesophagus	135	2.0	8.4	**8.6**	0.47	1.08	54	0.8	3.0	**2.5**	0.14	0.30	*C15*
Stomach	152	2.2	9.4	**9.8**	0.43	1.24	103	1.6	5.7	**4.1**	0.19	0.44	*C16*
Small intestine	44	0.6	2.7	**2.9**	0.16	0.41	37	0.6	2.0	**1.6**	0.10	0.16	*C17*
Colon	545	8.0	33.8	**34.6**	1.69	4.07	605	9.4	33.3	**25.0**	1.39	2.81	*C18*
Rectum	213	3.1	13.2	**13.6**	0.83	1.58	183	2.8	10.1	**8.0**	0.50	0.98	*C19-20*
Anus	22	0.3	1.4	**1.4**	0.09	0.15	34	0.5	1.9	**1.6**	0.11	0.18	*C21*
Liver	263	3.9	16.3	**16.7**	1.26	2.04	76	1.2	4.2	**3.3**	0.19	0.39	*C22*
Gallbladder etc.	36	0.5	2.2	**2.3**	0.05	0.30	43	0.7	2.4	**1.7**	0.07	0.20	*C23-24*
Pancreas	223	3.3	13.8	**14.7**	0.85	1.86	222	3.5	12.2	**9.0**	0.46	1.01	*C25*
Nose, sinuses etc.	12	0.2	0.7	**0.8**	0.07	0.09	6	0.1	0.3	**0.2**	0.01	0.01	*C30-31*
Larynx	129	1.9	8.0	**8.1**	0.51	1.00	41	0.6	2.3	**1.9**	0.16	0.24	*C32*
Trachea, bronchus and lung	1264	18.6	78.3	**82.4**	4.11	10.75	1026	16.0	56.4	**45.7**	2.39	5.82	*C33-34*
Other thoracic organs	10	0.1	0.6	**0.6**	0.04	0.07	7	0.1	0.4	**0.3**	0.03	0.03	*C37-38*
Bone	18	0.3	1.1	**1.1**	0.07	0.11	19	0.3	1.0	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	5	0.1	0.3	**0.3**	0.02	0.02	8	0.1	0.4	**0.4**	0.02	0.05	*C43*
Other skin	9		0.6	**0.5**	0.04	0.04	24		1.3	**1.2**	0.10	0.11	*C44*
Mesothelioma	5	0.1	0.3	**0.3**	0.00	0.00	5	0.1	0.3	**0.2**	0.02	0.03	*C45*
Kaposi sarcoma	14	0.2	0.9	**0.9**	0.08	0.08	1	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	48	0.7	3.0	**2.9**	0.19	0.30	56	0.9	3.1	**2.7**	0.18	0.27	*C47+C49*
Breast	19	0.3	1.2	**1.2**	0.07	0.14	1836	28.6	101.0	**83.2**	5.96	9.41	*C50*
Vulva							36	0.6	2.0	**1.7**	0.13	0.19	*C51*
Vagina							16	0.2	0.9	**0.7**	0.04	0.08	*C52*
Cervix uteri							208	3.2	11.4	**9.9**	0.75	1.04	*C53*
Corpus uteri							291	4.5	16.0	**13.6**	0.97	1.69	*C54*
Uterus unspecified							15	0.2	0.8	**0.6**	0.04	0.06	*C55*
Ovary							138	2.1	7.6	**6.3**	0.39	0.78	*C56*
Other female genital organs							7	0.1	0.4	**0.3**	0.02	0.04	*C57*
Placenta							1	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	5	0.1	0.3	**0.3**	0.01	0.03							*C60*
Prostate	2066	30.4	128.0	**139.9**	8.30	18.48							*C61*
Testis	16	0.2	1.0	**1.0**	0.07	0.07							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	276	4.1	17.1	**17.7**	1.20	2.12	205	3.2	11.3	**9.4**	0.61	1.08	*C64*
Renal pelvis	2	0.0	0.1	**0.1**	0.01	0.01	5	0.1	0.3	**0.1**	0.01	0.01	*C65*
Ureter	6	0.1	0.4	**0.4**	0.02	0.06	4	0.1	0.2	**0.1**	0.00	0.02	*C66*
Bladder	201	3.0	12.5	**12.6**	0.50	1.36	91	1.4	5.0	**3.6**	0.13	0.39	*C67*
Other urinary organs	7	0.1	0.4	**0.5**	0.02	0.06	3	0.0	0.2	**0.2**	0.01	0.02	*C68*
Eye	9	0.1	0.6	**0.7**	0.04	0.04	1	0.0	0.1	**0.0**	0.00	0.00	*C69*
Brain, nervous system	58	0.9	3.6	**3.8**	0.27	0.34	58	0.9	3.2	**2.8**	0.17	0.28	*C70-72*
Thyroid	39	0.6	2.4	**2.3**	0.16	0.25	181	2.8	10.0	**8.9**	0.77	0.94	*C73*
Adrenal gland	6	0.1	0.4	**0.4**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	50	0.7	3.1	**3.1**	0.24	0.28	40	0.6	2.2	**2.1**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	181	2.7	11.2	**11.2**	0.74	1.14	177	2.8	9.7	**8.2**	0.55	0.88	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.1	**0.2**	0.00	0.03	4	0.1	0.2	**0.2**	0.00	0.01	*C88*
Multiple myeloma	140	2.1	8.7	**9.1**	0.48	1.13	138	2.1	7.6	**6.3**	0.37	0.77	*C90*
Lymphoid leukaemia	77	1.1	4.8	**5.0**	0.27	0.50	47	0.7	2.6	**2.2**	0.12	0.22	*C91*
Myeloid leukaemia	62	0.9	3.8	**3.9**	0.19	0.40	55	0.9	3.0	**2.5**	0.16	0.26	*C92-94*
Leukaemia unspecified	12	0.2	0.7	**0.6**	0.02	0.05	14	0.2	0.8	**0.4**	0.01	0.03	*C95*
Myeloproliferative disorders	15	0.2	0.9	**0.9**	0.05	0.10	22	0.3	1.2	**0.9**	0.04	0.09	*MPD*
Myelodysplastic syndromes	35	0.5	2.2	**2.3**	0.07	0.26	34	0.5	1.9	**1.3**	0.05	0.17	*MDS*
Other and unspecified	146	2.2	9.0	**8.8**	0.41	0.85	178	2.8	9.8	**6.8**	0.37	0.65	*O&U*
All sites	6794		420.9	**442.2**	25.10	54.46	6446		354.6	**287.0**	18.27	32.87	*C00-96*
All sites except C44	6785	100.0	420.3	**441.7**	25.06	54.41	6422	100.0	353.3	**285.9**	18.17	32.76	*C00-96 exc. C44*

§Includes 1 case of unknown age

USA, Missouri: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	176	0.3	1.4	**0.9**	0.05	0.12	41	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	596	0.9	4.9	**3.4**	0.26	0.39	231	0.4	1.8	**1.1**	0.08	0.14	*C01-02*
Mouth	396	0.6	3.2	**2.2**	0.14	0.27	265	0.4	2.1	**1.2**	0.07	0.14	*C03-06*
Salivary glands	169	0.2	1.4	**0.8**	0.04	0.09	140	0.2	1.1	**0.7**	0.04	0.06	*C07-08*
Tonsil	474	0.7	3.9	**2.8**	0.24	0.32	91	0.1	0.7	**0.4**	0.03	0.05	*C09*
Other oropharynx	121	0.2	1.0	**0.7**	0.06	0.09	36	0.1	0.3	**0.1**	0.01	0.02	*C10*
Nasopharynx	69	0.1	0.6	**0.4**	0.03	0.04	21	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	160	0.2	1.3	**0.9**	0.06	0.10	29	0.0	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	44	0.1	0.4	**0.2**	0.02	0.03	16	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	1173	1.7	9.6	**6.1**	0.35	0.77	292	0.5	2.3	**1.1**	0.06	0.12	*C15*
Stomach	929	1.4	7.6	**4.6**	0.24	0.53	532	0.8	4.2	**2.0**	0.11	0.22	*C16*
Small intestine	313	0.5	2.6	**1.7**	0.10	0.20	250	0.4	2.0	**1.1**	0.07	0.13	*C17*
Colon	5006	7.4	40.9	**24.6**	1.13	2.85	5340	8.5	41.9	**19.0**	0.89	2.15	*C18*
Rectum	2242	3.3	18.3	**11.7**	0.69	1.39	1504	2.4	11.8	**6.3**	0.39	0.71	*C19-20*
Anus	177	0.3	1.4	**1.0**	0.07	0.11	332	0.5	2.6	**1.6**	0.13	0.19	*C21*
Liver	987	1.5	8.1	**5.2**	0.36	0.58	451	0.7	3.5	**1.8**	0.09	0.22	*C22*
Gallbladder etc.	290	0.4	2.4	**1.4**	0.05	0.16	387	0.6	3.0	**1.3**	0.06	0.14	*C23-24*
Pancreas	1616	2.4	13.2	**8.0**	0.39	0.96	1701	2.7	13.3	**6.0**	0.27	0.70	*C25*
Nose, sinuses etc.	89	0.1	0.7	**0.5**	0.03	0.06	80	0.1	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	920	1.4	7.5	**5.0**	0.31	0.64	253	0.4	2.0	**1.3**	0.09	0.16	*C32*
Trachea, bronchus and lung	12806	18.9	104.5	**64.7**	2.97	8.32	9955	15.8	78.1	**42.1**	2.11	5.54	*C33-34*
Other thoracic organs	53	0.1	0.4	**0.4**	0.02	0.03	37	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	166	0.2	1.4	**1.2**	0.07	0.10	107	0.2	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	2767	4.1	22.6	**15.3**	0.96	1.77	1972	3.1	15.5	**11.1**	0.79	1.12	*C43*
Other skin	170		1.4	**0.8**	0.04	0.09	113		0.9	**0.5**	0.03	0.05	*C44*
Mesothelioma	179	0.3	1.5	**0.8**	0.02	0.10	61	0.1	0.5	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	24	0.0	0.2	**0.1**	0.01	0.01	7	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	476	0.7	3.9	**2.8**	0.17	0.27	408	0.6	3.2	**2.3**	0.14	0.22	*C47+C49*
Breast	143	0.2	1.2	**0.7**	0.04	0.09	17292	27.4	135.7	**83.2**	5.84	9.65	*C50*
Vulva							446	0.7	3.5	**2.0**	0.13	0.22	*C51*
Vagina							95	0.2	0.7	**0.4**	0.02	0.05	*C52*
Cervix uteri							1029	1.6	8.1	**6.2**	0.48	0.59	*C53*
Corpus uteri							3597	5.7	28.2	**17.4**	1.24	2.11	*C54*
Uterus unspecified							153	0.2	1.2	**0.5**	0.03	0.06	*C55*
Ovary							1834	2.9	14.4	**8.6**	0.58	1.00	*C56*
Other female genital organs							89	0.1	0.7	**0.4**	0.03	0.05	*C57*
Placenta							8	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	108	0.2	0.9	**0.5**	0.03	0.06							*C60*
Prostate	16571	24.4	135.3	**88.9**	4.59	12.30							*C61*
Testis	638	0.9	5.2	**5.1**	0.37	0.38							*C62*
Other male genital organs	26	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	2656	3.9	21.7	**14.5**	0.88	1.73	1643	2.6	12.9	**7.6**	0.47	0.90	*C64*
Renal pelvis	129	0.2	1.1	**0.6**	0.02	0.07	99	0.2	0.8	**0.4**	0.01	0.05	*C65*
Ureter	90	0.1	0.7	**0.4**	0.01	0.06	47	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	4495	6.6	36.7	**21.7**	0.93	2.57	1431	2.3	11.2	**5.4**	0.25	0.65	*C67*
Other urinary organs	37	0.1	0.3	**0.2**	0.01	0.01	18	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	120	0.2	1.0	**0.7**	0.04	0.08	126	0.2	1.0	**0.7**	0.05	0.07	*C69*
Brain, nervous system	1035	1.5	8.4	**6.7**	0.43	0.67	906	1.4	7.1	**5.5**	0.34	0.50	*C70-72*
Thyroid	659	1.0	5.4	**4.1**	0.31	0.46	1947	3.1	15.3	**12.2**	0.95	1.17	*C73*
Adrenal gland	40	0.1	0.3	**0.4**	0.02	0.02	37	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	22	0.0	0.2	**0.2**	0.01	0.01	19	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	381	0.6	3.1	**2.8**	0.19	0.23	338	0.5	2.7	**2.3**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	2792	4.1	22.8	**14.9**	0.81	1.67	2564	4.1	20.1	**10.9**	0.60	1.29	*C82-85,C96*
Immunoproliferative diseases	58	0.1	0.5	**0.2**	0.01	0.02	47	0.1	0.4	**0.2**	0.01	0.03	*C88*
Multiple myeloma	830	1.2	6.8	**4.2**	0.19	0.49	713	1.1	5.6	**2.8**	0.13	0.34	*C90*
Lymphoid leukaemia	981	1.4	8.0	**5.9**	0.29	0.59	664	1.1	5.2	**3.4**	0.17	0.29	*C91*
Myeloid leukaemia	902	1.3	7.4	**4.9**	0.24	0.50	723	1.1	5.7	**3.3**	0.19	0.33	*C92-94*
Leukaemia unspecified	164	0.2	1.3	**0.7**	0.02	0.05	142	0.2	1.1	**0.4**	0.01	0.02	*C95*
Myeloproliferative disorders	261	0.4	2.1	**1.3**	0.07	0.14	259	0.4	2.0	**1.0**	0.05	0.12	*MPD*
Myelodysplastic syndromes	665	1.0	5.4	**2.9**	0.09	0.29	471	0.7	3.7	**1.6**	0.06	0.17	*MDS*
Other and unspecified	1586	2.3	12.9	**7.7**	0.37	0.85	1773	2.8	13.9	**6.3**	0.28	0.70	*O&U*
All sites	67977		554.9	**358.9**	18.86	43.75	63162		495.6	**286.5**	17.67	32.89	*C00-96*
All sites except C44	67807	100.0	553.5	**358.0**	18.81	43.67	63049	100.0	494.8	**286.0**	17.64	32.84	*C00-96 exc. C44*

USA, Montana

REGISTRATION AREA

The Montana Central Tumor Registry (MCTR) covers the state of Montana, which had a population of 989 000 in 2010 (ranking 44th largest in the USA). Montana is a rural state; all but one of its 56 counties are considered rural or frontier as defined by their 2000 census population densities. Montana's population is 92% White. American Indians make up 8% of the population, and all other races account for less than 1%. Montana's ageing population is not evenly distributed; part of the state is heavily populated and other areas are very sparsely populated.

CANCER CARE FACILITIES

Cancer care is provided by about 52 hospitals and seven cancer centres approved by the American College of Surgeons Commission on Cancer.

REGISTRY STRUCTURE AND METHODS

The MCTR was mandated by law in 1979 and has been in operation since. Federal funding for registry enhancement was initially granted in 1995 through the National Program of Cancer Registries (NPCR). The registry is funded with NPCR funds (80%) and state funds (20%). Reportable cases are collected from hospitals, independent pathology laboratories, physicians, clinics, cancer treatment centres, out-of-state registries, and death certificates. Apart from the state hospitals, there are four independent pathology laboratories and 32 out-of-state cancer registries that report incident cancer cases. About 5200 new cancer cases are diagnosed among Montana residents per year. Since 2000, reporting has been nearly 100% complete. Most paediatric cases are treated out of state. The MCTR performs active lifetime follow-up and performs death linkage with the state's Office of Vital Statistics and the National Death Index.

INTERPRETING THE RESULTS

The Montana Cancer Screening Program supports comprehensive cancer control in the state by providing ongoing screening services and education to Montana men and women in a manner that is appropriate, accessible, cost-effective, and sensitive to the clients' needs. Screening services include mammograms, clinical breast exams, Pap tests, and pelvic exams for the early detection of breast and cervical cancers, and colonoscopies and faecal occult blood tests (FOBTs) for the early detection of colorectal cancer. Diagnostic testing is also provided for follow-up of abnormal screening tests.

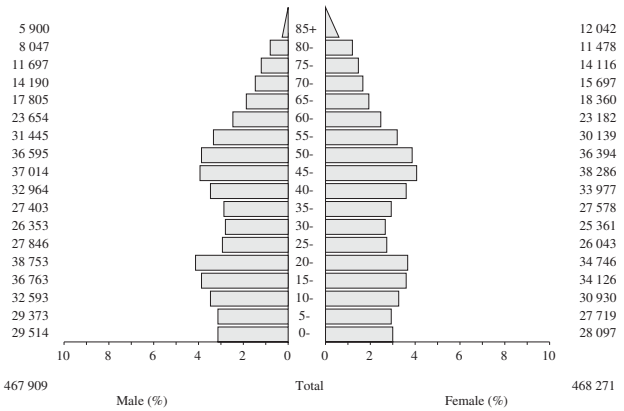
USE OF THE DATA

As part of the registry's Coordinated Chronic Disease Prevention and Health Promotion effort, the MCTR's epidemiologist works closely with other chronic disease programmes to increase the collaborative use of surveillance data to better describe the burden of chronic disease in Montana. These collaborations include cross-programme data analysis and programme evaluation projects.

CONTRIBUTOR

Debbi Lemons

USA, Montana (2003-2007)
Average annual person-years by sex and age group

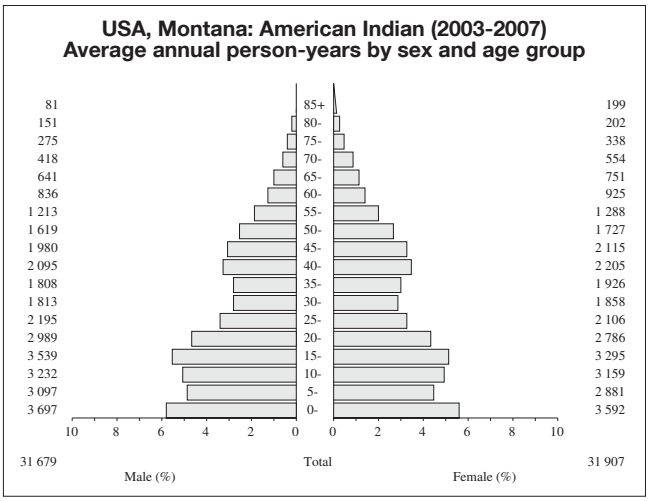


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	117.7	Breast	85.9
Trachea, bronchus and lung	45.0	Trachea, bronchus and lung	37.4
Bladder	22.3	Colon	18.0
Colon	20.6	Corpus uteri	17.1
Non-Hodgkin lymphoma	15.0	Thyroid	14.5
Melanoma of skin	13.5	Melanoma of skin	12.2
Rectum	11.0	Ovary	9.5
Kidney	10.9	Non-Hodgkin lymphoma	8.9
Pancreas	8.1	Rectum	6.7
Brain, nervous system	7.3	Kidney	6.2
All sites	351.2	All sites	280.9



USA, MONTANA: AMERICAN INDIAN
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	96.8	Breast	90.8
Trachea, bronchus and lung	68.4	Trachea, bronchus and lung	61.9
Colon	32.4	Colon	23.0
Kidney	23.7	Corpus uteri	20.4
Bladder	23.1	Other and unspecified	15.9
Rectum	19.5	Kidney	14.0
Non-Hodgkin lymphoma	17.4	Non-Hodgkin lymphoma	11.8
Stomach	11.5	Thyroid	11.2
Liver	11.4	Ovary	8.5
Pancreas	9.0	Stomach	8.5
All sites	401.5	All sites	358.1

USA, Montana (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	64	0.5	2.7	**1.6**	0.09	0.16	14	0.1	0.6	**0.4**	0.03	0.03	*C00*
Tongue	88	0.7	3.8	**2.5**	0.20	0.30	31	0.3	1.3	**0.8**	0.06	0.09	*C01-02*
Mouth	58	0.4	2.5	**1.5**	0.09	0.19	40	0.4	1.7	**0.8**	0.03	0.10	*C03-06*
Salivary glands	50	0.4	2.1	**1.3**	0.07	0.15	21	0.2	0.9	**0.5**	0.04	0.05	*C07-08*
Tonsil	69	0.5	2.9	**2.0**	0.18	0.22	15	0.1	0.6	**0.5**	0.03	0.06	*C09*
Other oropharynx	18	0.1	0.8	**0.5**	0.03	0.08	7	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	13	0.1	0.6	**0.4**	0.03	0.05	7	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	22	0.2	0.9	**0.6**	0.02	0.09	5	0.0	0.2	**0.1**	0.00	0.02	*C12-13*
Pharynx unspecified	8	0.1	0.3	**0.2**	0.01	0.02	4	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	193	1.5	8.2	**5.2**	0.31	0.66	58	0.5	2.5	**1.3**	0.08	0.16	*C15*
Stomach	184	1.4	7.9	**4.7**	0.23	0.54	111	1.0	4.7	**2.4**	0.13	0.26	*C16*
Small intestine	35	0.3	1.5	**0.9**	0.03	0.10	39	0.3	1.7	**1.0**	0.06	0.12	*C17*
Colon	819	6.3	35.0	**20.6**	0.86	2.50	865	7.7	36.9	**18.0**	0.85	2.09	*C18*
Rectum	410	3.1	17.5	**11.0**	0.63	1.41	266	2.4	11.4	**6.7**	0.41	0.84	*C19-20*
Anus	23	0.2	1.0	**0.6**	0.03	0.09	48	0.4	2.1	**1.3**	0.08	0.15	*C21*
Liver	128	1.0	5.5	**3.4**	0.23	0.36	72	0.6	3.1	**1.6**	0.07	0.19	*C22*
Gallbladder etc.	47	0.4	2.0	**1.1**	0.03	0.16	57	0.5	2.4	**1.1**	0.03	0.14	*C23-24*
Pancreas	316	2.4	13.5	**8.1**	0.39	1.02	290	2.6	12.4	**5.9**	0.30	0.65	*C25*
Nose, sinuses etc.	18	0.1	0.8	**0.5**	0.03	0.04	7	0.1	0.3	**0.2**	0.01	0.02	*C30-31*
Larynx	127	1.0	5.4	**3.4**	0.18	0.43	48	0.4	2.1	**1.4**	0.08	0.20	*C32*
Trachea, bronchus and lung	1817	13.9	77.7	**45.0**	1.73	5.72	1652	14.8	70.6	**37.4**	1.68	4.88	*C33-34*
Other thoracic organs	13	0.1	0.6	**0.4**	0.02	0.04	6	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	34	0.3	1.5	**1.1**	0.07	0.10	29	0.3	1.2	**1.1**	0.07	0.09	*C40-41*
Melanoma of skin	480	3.7	20.5	**13.5**	0.86	1.43	396	3.5	16.9	**12.2**	0.93	1.21	*C43*
Other skin	31		1.3	**0.9**	0.05	0.10	44		1.9	**1.2**	0.07	0.12	*C44*
Mesothelioma	51	0.4	2.2	**1.3**	0.05	0.15	15	0.1	0.6	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	5	0.0	0.2	**0.2**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	79	0.6	3.4	**2.4**	0.13	0.23	68	0.6	2.9	**1.8**	0.11	0.19	*C47+C49*
Breast	20	0.2	0.9	**0.5**	0.03	0.06	3256	29.1	139.1	**85.9**	5.97	10.00	*C50*
Vulva							75	0.7	3.2	**1.7**	0.11	0.19	*C51*
Vagina							17	0.2	0.7	**0.3**	0.02	0.03	*C52*
Cervix uteri							140	1.3	6.0	**4.5**	0.37	0.42	*C53*
Corpus uteri							654	5.8	27.9	**17.1**	1.22	2.09	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							388	3.5	16.6	**9.5**	0.62	1.06	*C56*
Other female genital organs							13	0.1	0.6	**0.4**	0.02	0.05	*C57*
Placenta							4	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	18	0.1	0.8	**0.5**	0.03	0.05							*C60*
Prostate	4340	33.2	185.5	**117.7**	5.95	16.19							*C61*
Testis	132	1.0	5.6	**5.5**	0.42	0.43							*C62*
Other male genital organs	3	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	390	3.0	16.7	**10.9**	0.60	1.35	236	2.1	10.1	**6.2**	0.35	0.77	*C64*
Renal pelvis	20	0.2	0.9	**0.4**	0.01	0.03	10	0.1	0.4	**0.2**	0.02	0.03	*C65*
Ureter	13	0.1	0.6	**0.3**	0.01	0.04	8	0.1	0.3	**0.2**	0.00	0.02	*C66*
Bladder	924	7.1	39.5	**22.3**	0.93	2.54	267	2.4	11.4	**5.7**	0.25	0.67	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.00	4	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	31	0.2	1.3	**0.8**	0.04	0.08	23	0.2	1.0	**0.7**	0.04	0.06	*C69*
Brain, nervous system	222	1.7	9.5	**7.3**	0.46	0.75	139	1.2	5.9	**4.2**	0.25	0.42	*C70-72*
Thyroid	121	0.9	5.2	**3.8**	0.26	0.41	413	3.7	17.6	**14.5**	1.13	1.35	*C73*
Adrenal gland	5	0.0	0.2	**0.2**	0.01	0.02	12	0.1	0.5	**0.5**	0.03	0.03	*C74*
Other endocrine	9	0.1	0.4	**0.4**	0.02	0.03	3	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	71	0.5	3.0	**2.8**	0.19	0.23	44	0.4	1.9	**1.7**	0.10	0.14	*C81*
Non-Hodgkin lymphoma	550	4.2	23.5	**15.0**	0.77	1.76	420	3.8	17.9	**8.9**	0.42	1.01	*C82-85,C96*
Immunoproliferative diseases	9	0.1	0.4	**0.2**	0.01	0.03	3	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	164	1.3	7.0	**4.2**	0.18	0.56	132	1.2	5.6	**2.9**	0.17	0.35	*C90*
Lymphoid leukaemia	207	1.6	8.8	**6.4**	0.29	0.70	139	1.2	5.9	**3.8**	0.18	0.38	*C91*
Myeloid leukaemia	188	1.4	8.0	**5.4**	0.25	0.51	144	1.3	6.2	**3.7**	0.18	0.37	*C92-94*
Leukaemia unspecified	10	0.1	0.4	**0.2**	0.00	0.02	9	0.1	0.4	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	82	0.6	3.5	**2.2**	0.11	0.25	84	0.8	3.6	**1.7**	0.09	0.17	*MPD*
Myelodysplastic syndromes	122	0.9	5.2	**2.5**	0.05	0.22	108	1.0	4.6	**1.7**	0.03	0.15	*MDS*
Other and unspecified	264	2.0	11.3	**6.7**	0.32	0.76	282	2.5	12.0	**5.6**	0.25	0.62	*O&U*
All sites	13116		560.6	**351.2**	17.57	43.39	11243		480.2	**280.9**	17.06	32.23	*C00-96*
All sites except C44	13085	100.0	559.3	**350.3**	17.52	43.28	11199	100.0	478.3	**279.7**	16.99	32.10	*C00-96 exc. C44*

USA, Montana: American Indian (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	3	0.6	1.9	**2.5**	0.17	0.41	1	0.2	0.6	**0.9**	0.11	0.11	*C01-02*
Mouth	3	0.6	1.9	**2.3**	0.06	0.30	3	0.5	1.9	**1.8**	0.00	0.13	*C03-06*
Salivary glands	0	0.0	0.0	**0.0**	0.00	0.00	3	0.5	1.9	**1.7**	0.15	0.15	*C07-08*
Tonsil	2	0.4	1.3	**1.6**	0.17	0.17	1	0.2	0.6	**0.9**	0.11	0.11	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	1	0.2	0.6	**0.6**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	3	0.6	1.9	**2.3**	0.18	0.18	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.2	0.6	**0.7**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	5	1.0	3.2	**4.2**	0.18	0.58	1	0.2	0.6	**0.5**	0.00	0.00	*C15*
Stomach	15	3.0	9.5	**11.5**	0.67	1.37	14	2.6	8.8	**8.5**	0.64	0.77	*C16*
Small intestine	3	0.6	1.9	**3.1**	0.00	0.31	1	0.2	0.6	**0.7**	0.00	0.18	*C17*
Colon	41	8.2	25.9	**32.4**	2.18	3.60	35	6.4	21.9	**23.0**	1.07	2.87	*C18*
Rectum	24	4.8	15.2	**19.5**	1.24	2.26	13	2.4	8.1	**8.3**	0.59	0.90	*C19-20*
Anus	2	0.4	1.3	**1.3**	0.16	0.16	1	0.2	0.6	**0.6**	0.05	0.05	*C21*
Liver	15	3.0	9.5	**11.4**	0.84	1.39	12	2.2	7.5	**8.4**	0.19	1.08	*C22*
Gallbladder etc.	6	1.2	3.8	**4.4**	0.17	0.57	5	0.9	3.1	**3.1**	0.23	0.23	*C23-24*
Pancreas	11	2.2	6.9	**9.0**	0.55	1.34	13	2.4	8.1	**8.0**	0.40	0.76	*C25*
Nose, sinuses etc.	1	0.2	0.6	**0.7**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	5	1.0	3.2	**3.9**	0.13	0.53	2	0.4	1.3	**1.6**	0.11	0.29	*C32*
Trachea, bronchus and lung	85	17.0	53.7	**68.4**	2.41	8.33	92	16.8	57.7	**61.9**	3.13	8.16	*C33-34*
Other thoracic organs	1	0.2	0.6	**0.7**	0.00	0.00	1	0.2	0.6	**0.8**	0.05	0.05	*C37-38*
Bone	1	0.2	0.6	**0.6**	0.05	0.05	4	0.7	2.5	**2.7**	0.22	0.22	*C40-41*
Melanoma of skin	9	1.8	5.7	**7.1**	0.43	0.75	3	0.5	1.9	**2.2**	0.16	0.16	*C43*
Other skin	1		0.6	**1.0**	0.00	0.24	1		0.6	**0.5**	0.05	0.05	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.6	**0.6**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.2	0.6	**0.7**	0.06	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	4	0.8	2.5	**2.6**	0.08	0.08	5	0.9	3.1	**3.0**	0.23	0.23	*C47+C49*
Breast	0	0.0	0.0	**0.0**	0.00	0.00	141	25.8	88.4	**90.8**	6.35	10.06	*C50*
Vulva							2	0.4	1.3	**1.1**	0.06	0.06	*C51*
Vagina							2	0.4	1.3	**1.4**	0.11	0.11	*C52*
Cervix uteri							11	2.0	6.9	**7.8**	0.65	0.78	*C53*
Corpus uteri							32	5.9	20.1	**20.4**	1.54	1.94	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							13	2.4	8.1	**8.5**	0.61	0.92	*C56*
Other female genital organs							1	0.2	0.6	**0.8**	0.05	0.05	*C57*
Placenta							1	0.2	0.6	**0.8**	0.05	0.05	*C58*
Penis	3	0.6	1.9	**2.2**	0.25	0.25							*C60*
Prostate	116	23.2	73.2	**96.8**	4.62	11.85							*C61*
Testis	6	1.2	3.8	**4.0**	0.33	0.33							*C62*
Other male genital organs	1	0.2	0.6	**0.6**	0.06	0.06							*C63*
Kidney	31	6.2	19.6	**23.7**	1.88	3.06	21	3.8	13.2	**14.0**	0.76	2.01	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	26	5.2	16.4	**23.1**	0.73	2.40	5	0.9	3.1	**3.6**	0.29	0.47	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.6	**0.6**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.6	**0.5**	0.05	0.05	*C69*
Brain, nervous system	12	2.4	7.6	**8.3**	0.60	0.84	7	1.3	4.4	**4.6**	0.26	0.39	*C70-72*
Thyroid	3	0.6	1.9	**2.1**	0.20	0.20	17	3.1	10.7	**11.2**	0.98	1.11	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.6	**0.7**	0.03	0.03	*C74*
Other endocrine	1	0.2	0.6	**0.7**	0.06	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	2	0.4	1.3	**1.4**	0.10	0.10	2	0.4	1.3	**1.3**	0.07	0.07	*C81*
Non-Hodgkin lymphoma	23	4.6	14.5	**17.4**	1.02	1.90	18	3.3	11.3	**11.8**	0.45	1.21	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	9	1.8	5.7	**7.5**	0.26	1.05	8	1.5	5.0	**5.6**	0.48	0.66	*C90*
Lymphoid leukaemia	5	1.0	3.2	**3.9**	0.23	0.47	6	1.1	3.8	**3.6**	0.12	0.30	*C91*
Myeloid leukaemia	4	0.8	2.5	**2.6**	0.16	0.16	9	1.6	5.6	**6.2**	0.13	0.84	*C92-94*
Leukaemia unspecified	1	0.2	0.6	**0.9**	0.00	0.16	1	0.2	0.6	**0.5**	0.03	0.03	*C95*
Myeloproliferative disorders	4	0.8	2.5	**3.8**	0.17	0.41	4	0.7	2.5	**2.3**	0.12	0.12	*MPD*
Myelodysplastic syndromes	4	0.8	2.5	**3.4**	0.12	0.36	7	1.3	4.4	**4.2**	0.08	0.34	*MDS*
Other and unspecified	8	1.6	5.1	**6.8**	0.20	0.99	24	4.4	15.0	**15.9**	0.73	1.80	*O&U*
All sites	502		316.9	**401.5**	20.77	47.37	547		342.9	**358.1**	21.44	39.89	*C00-96*
All sites except C44	501	100.0	316.3	**400.5**	20.77	47.13	546	100.0	342.3	**357.5**	21.39	39.85	*C00-96 exc. C44*

USA, Nebraska

REGISTRATION AREA

The Nebraska Cancer Registry (NCR) covers the state of Nebraska, in the Midwestern USA. In 2010, the population was 1.8 million, with about half of all residents living in or near the cities of Omaha and Lincoln. Hispanics are the largest minority group, accounting for 9.2% of the population. The non-Hispanic population is 82.1% White, 4.4% African-American, 1.7% Asian, and 0.8% Native American.

CANCER CARE FACILITIES

Of the 87 reporting hospitals, 12 have a cancer programme approved by the American College of Surgeons Commission on Cancer. Cancer patients also receive outpatient care at ambulatory surgery centres, radiation therapy centres, cancer clinics, and physicians' offices.

REGISTRY STRUCTURE AND METHODS

Since 1987, the NCR has gathered data on all Nebraska residents diagnosed with and/or treated for cancer. The NCR receives case reports from every hospital in Nebraska (except Veterans Health Administration facilities), as well as from pathology laboratories and physicians and through exchanges with registries in neighbouring states. The NCR also uses Nebraska death certificates and the National Death Index to identify cases. The registry is managed by the Nebraska Department of Health and Human Services (DHHS). However, the Nebraska Methodist Hospital in Omaha performs data collection, training, and quality assurance, whereas DHHS is responsible for data analysis and reporting. The registry receives federal funds from the National Program of Cancer Registries (NPCR) and state funds from the tobacco tax. The NCR employs four staff members at the Nebraska Methodist Hospital and six at DHHS.

INTERPRETING THE RESULTS

In 2009, the NCR achieved its 15th consecutive North American Association of Central Cancer Registries (NAACCR) Gold Certification for data completeness, timeliness, and quality. Survey data collected in Nebraska during this period by the telephone-based Behavioral Risk Factor Surveillance System showed increasing rates of colonoscopy screening for colorectal cancer and slightly decreasing rates of mammography screening for breast cancer.

USE OF THE DATA

The NCR publishes an annual report on cancer incidence and mortality, which is available from the DHHS website. Within DHHS, NCR data are used for planning and evaluation of cancer control activities and for investigating cancer clusters. The NCR also provides data to qualified researchers for epidemiological studies, and in response to individual requests for information.

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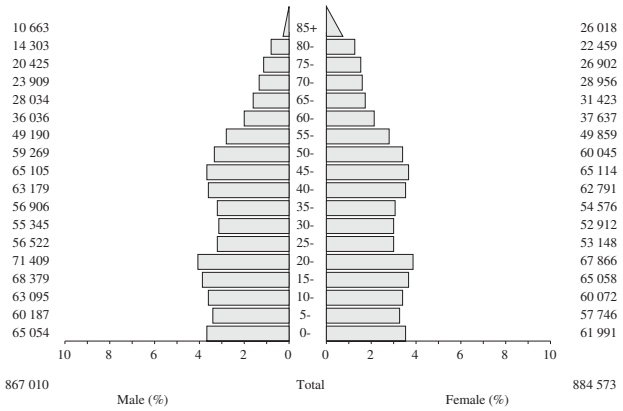
USA, Nebraska (2003-2007)
Average annual person-years by sex and age group

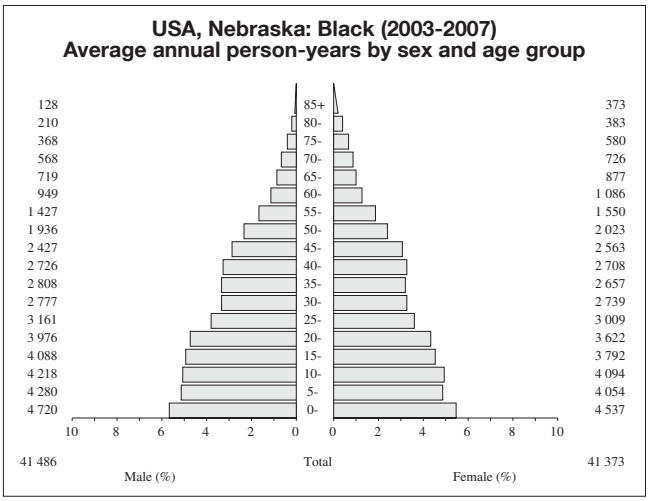


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

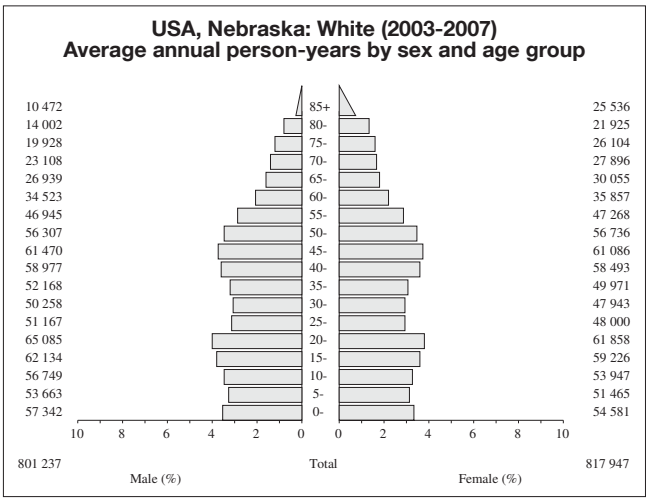
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	106.2	Breast	87.1
Trachea, bronchus and lung	52.6	Trachea, bronchus and lung	34.1
Colon	26.4	Colon	20.8
Bladder	21.1	Corpus uteri	19.3
Non-Hodgkin lymphoma	16.2	Thyroid	14.1
Melanoma of skin	14.2	Non-Hodgkin lymphoma	11.9
Rectum	14.2	Melanoma of skin	11.3
Kidney	12.9	Ovary	8.5
Other and unspecified	8.1	Other and unspecified	7.4
Lymphoid leukaemia	7.7	Kidney	7.3
All sites	367.4	All sites	289.6



USA, NEBRASKA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	140.5	Breast	80.6
Trachea, bronchus and lung	71.7	Trachea, bronchus and lung	42.0
Colon	30.4	Colon	26.8
Liver	15.2	Corpus uteri	16.0
Kidney	14.8	Pancreas	13.0
Other and unspecified	14.1	Non-Hodgkin lymphoma	10.4
Non-Hodgkin lymphoma	13.8	Kidney	8.3
Bladder	13.6	Other and unspecified	7.6
Rectum	11.9	Thyroid	7.3
Multiple myeloma	10.7	Bladder	7.2
All sites	425.1	All sites	279.7



USA, NEBRASKA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	103.2	Breast	87.8
Trachea, bronchus and lung	52.1	Trachea, bronchus and lung	34.0
Colon	26.2	Colon	20.5
Bladder	21.2	Corpus uteri	19.4
Non-Hodgkin lymphoma	16.0	Thyroid	14.4
Rectum	14.2	Non-Hodgkin lymphoma	11.8
Melanoma of skin	13.0	Melanoma of skin	10.0
Kidney	12.5	Ovary	8.6
Other and unspecified	7.9	Other and unspecified	7.3
Pancreas	7.6	Kidney	7.2
All sites	360.0	All sites	287.8

USA, Nebraska (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	104	0.4	2.4	**1.5**	0.05	0.18	36	0.2	0.8	**0.4**	0.02	0.03	*C00*
Tongue	176	0.8	4.1	**3.0**	0.22	0.37	93	0.4	2.1	**1.3**	0.09	0.14	*C01-02*
Mouth	109	0.5	2.5	**1.8**	0.11	0.22	84	0.4	1.9	**1.1**	0.06	0.12	*C03-06*
Salivary glands	70	0.3	1.6	**1.1**	0.06	0.12	55	0.3	1.2	**0.8**	0.06	0.07	*C07-08*
Tonsil	107	0.5	2.5	**1.9**	0.15	0.23	17	0.1	0.4	**0.3**	0.02	0.04	*C09*
Other oropharynx	20	0.1	0.5	**0.4**	0.03	0.05	3	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	23	0.1	0.5	**0.4**	0.03	0.04	15	0.1	0.3	**0.3**	0.02	0.03	*C11*
Hypopharynx	41	0.2	0.9	**0.7**	0.04	0.10	12	0.1	0.3	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	11	0.0	0.3	**0.2**	0.00	0.02	4	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	355	1.5	8.2	**5.7**	0.30	0.74	83	0.4	1.9	**1.0**	0.06	0.12	*C15*
Stomach	329	1.4	7.6	**5.1**	0.26	0.60	157	0.8	3.5	**1.7**	0.07	0.19	*C16*
Small intestine	128	0.6	3.0	**2.1**	0.12	0.25	97	0.5	2.2	**1.4**	0.09	0.18	*C17*
Colon	1781	7.7	41.1	**26.4**	1.18	3.11	1980	9.5	44.8	**20.8**	0.88	2.40	*C18*
Rectum	890	3.8	20.5	**14.2**	0.83	1.71	548	2.6	12.4	**6.9**	0.38	0.83	*C19-20*
Anus	40	0.2	0.9	**0.7**	0.05	0.08	68	0.3	1.5	**1.1**	0.08	0.13	*C21*
Liver	280	1.2	6.5	**4.5**	0.29	0.51	118	0.6	2.7	**1.6**	0.08	0.20	*C22*
Gallbladder etc.	104	0.4	2.4	**1.5**	0.07	0.16	134	0.6	3.0	**1.4**	0.06	0.15	*C23-24*
Pancreas	529	2.3	12.2	**7.7**	0.37	0.91	496	2.4	11.2	**5.6**	0.23	0.68	*C25*
Nose, sinuses etc.	39	0.2	0.9	**0.7**	0.04	0.07	32	0.2	0.7	**0.4**	0.02	0.05	*C30-31*
Larynx	285	1.2	6.6	**4.7**	0.31	0.61	67	0.3	1.5	**1.0**	0.06	0.13	*C32*
Trachea, bronchus and lung	3449	14.9	79.6	**52.6**	2.20	6.78	2619	12.5	59.2	**34.1**	1.75	4.44	*C33-34*
Other thoracic organs	19	0.1	0.4	**0.4**	0.02	0.03	19	0.1	0.4	**0.3**	0.02	0.04	*C37-38*
Bone	55	0.2	1.3	**1.2**	0.07	0.09	41	0.2	0.9	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	863	3.7	19.9	**14.2**	0.90	1.53	673	3.2	15.2	**11.3**	0.81	1.09	*C43*
Other skin	83		1.9	**1.3**	0.07	0.12	61		1.4	**0.8**	0.05	0.08	*C44*
Mesothelioma	68	0.3	1.6	**1.0**	0.03	0.12	30	0.1	0.7	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	12	0.1	0.3	**0.2**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	163	0.7	3.8	**2.6**	0.15	0.27	123	0.6	2.8	**1.9**	0.12	0.19	*C47+C49*
Breast	39	0.2	0.9	**0.6**	0.02	0.07	5910	28.3	133.6	**87.1**	6.09	10.12	*C50*
Vulva							126	0.6	2.8	**1.5**	0.10	0.15	*C51*
Vagina							29	0.1	0.7	**0.4**	0.02	0.05	*C52*
Cervix uteri							313	1.5	7.1	**5.7**	0.47	0.54	*C53*
Corpus uteri							1303	6.2	29.5	**19.3**	1.40	2.32	*C54*
Uterus unspecified							43	0.2	1.0	**0.5**	0.02	0.05	*C55*
Ovary							582	2.8	13.2	**8.5**	0.58	0.98	*C56*
Other female genital organs							27	0.1	0.6	**0.4**	0.03	0.06	*C57*
Placenta							3	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	33	0.1	0.8	**0.5**	0.03	0.07							*C60*
Prostate	6633	28.7	153.0	**106.2**	5.15	14.19							*C61*
Testis	284	1.2	6.6	**6.2**	0.45	0.47							*C62*
Other male genital organs	11	0.0	0.3	**0.2**	0.01	0.02							*C63*
Kidney	774	3.3	17.9	**12.9**	0.84	1.53	505	2.4	11.4	**7.3**	0.45	0.85	*C64*
Renal pelvis	46	0.2	1.1	**0.6**	0.03	0.07	25	0.1	0.6	**0.3**	0.01	0.03	*C65*
Ureter	34	0.1	0.8	**0.4**	0.01	0.05	25	0.1	0.6	**0.2**	0.01	0.02	*C66*
Bladder	1491	6.4	34.4	**21.1**	0.83	2.41	520	2.5	11.8	**5.7**	0.28	0.65	*C67*
Other urinary organs	6	0.0	0.1	**0.1**	0.00	0.01	7	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	38	0.2	0.9	**0.7**	0.04	0.07	27	0.1	0.6	**0.4**	0.02	0.04	*C69*
Brain, nervous system	343	1.5	7.9	**6.7**	0.40	0.65	288	1.4	6.5	**5.0**	0.31	0.47	*C70-72*
Thyroid	210	0.9	4.8	**3.9**	0.30	0.41	747	3.6	16.9	**14.1**	1.11	1.34	*C73*
Adrenal gland	6	0.0	0.1	**0.2**	0.01	0.01	13	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	6	0.0	0.1	**0.1**	0.01	0.01	4	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	150	0.6	3.5	**3.1**	0.22	0.27	138	0.7	3.1	**2.8**	0.18	0.25	*C81*
Non-Hodgkin lymphoma	1008	4.4	23.3	**16.2**	0.89	1.82	932	4.5	21.1	**11.9**	0.65	1.39	*C82-85,C96*
Immunoproliferative diseases	16	0.1	0.4	**0.3**	0.01	0.03	19	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	302	1.3	7.0	**4.5**	0.24	0.51	250	1.2	5.7	**3.1**	0.15	0.38	*C90*
Lymphoid leukaemia	460	2.0	10.6	**7.7**	0.38	0.81	313	1.5	7.1	**4.4**	0.20	0.44	*C91*
Myeloid leukaemia	289	1.3	6.7	**4.7**	0.24	0.46	235	1.1	5.3	**3.3**	0.18	0.36	*C92-94*
Leukaemia unspecified	24	0.1	0.6	**0.3**	0.00	0.03	21	0.1	0.5	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	98	0.4	2.3	**1.5**	0.08	0.20	98	0.5	2.2	**1.3**	0.06	0.15	*MPD*
Myelodysplastic syndromes	206	0.9	4.8	**2.8**	0.11	0.28	146	0.7	3.3	**1.5**	0.06	0.15	*MDS*
Other and unspecified	562	2.4	13.0	**8.1**	0.40	0.86	664	3.2	15.0	**7.4**	0.35	0.84	*O&U*
All sites	23202		535.2	**367.4**	18.67	44.35	20979		474.3	**289.6**	17.87	33.15	*C00-96*
All sites except C44	23119	100.0	533.3	**366.1**	18.59	44.22	20918	100.0	473.0	**288.8**	17.83	33.07	*C00-96 exc. C44*

USA, Nebraska: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.2	0.5	**0.4**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	3	0.5	1.4	**1.6**	0.18	0.18	1	0.2	0.5	**0.5**	0.06	0.06	*C01-02*
Mouth	2	0.3	1.0	**1.7**	0.21	0.21	2	0.4	1.0	**1.0**	0.10	0.10	*C03-06*
Salivary glands	1	0.2	0.5	**0.8**	0.11	0.11	0	0.0	0.0	**0.0**	0.00	0.00	*C07-08*
Tonsil	4	0.6	1.9	**2.7**	0.04	0.32	2	0.4	1.0	**1.4**	0.09	0.21	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	4	0.6	1.9	**1.9**	0.17	0.17	1	0.2	0.5	**0.5**	0.05	0.05	*C11*
Hypopharynx	2	0.3	1.0	**1.3**	0.04	0.18	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.2	0.5	**0.8**	0.00	0.14	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	4	0.6	1.9	**2.9**	0.25	0.43	6	1.1	2.9	**3.3**	0.19	0.58	*C15*
Stomach	13	2.0	6.3	**9.0**	0.75	1.16	9	1.6	4.4	**4.0**	0.22	0.36	*C16*
Small intestine	8	1.2	3.9	**5.1**	0.30	0.57	4	0.7	1.9	**2.2**	0.13	0.25	*C17*
Colon	48	7.3	23.1	**30.4**	1.15	3.57	60	10.7	29.0	**26.8**	0.91	3.09	*C18*
Rectum	18	2.7	8.7	**11.9**	0.75	1.24	11	2.0	5.3	**5.5**	0.40	0.65	*C19-20*
Anus	0	0.0	0.0	**0.0**	0.00	0.00	3	0.5	1.5	**1.5**	0.14	0.14	*C21*
Liver	25	3.8	12.1	**15.2**	1.50	1.82	5	0.9	2.4	**2.5**	0.19	0.33	*C22*
Gallbladder etc.	2	0.3	1.0	**1.4**	0.05	0.19	3	0.5	1.5	**0.9**	0.00	0.00	*C23-24*
Pancreas	15	2.3	7.2	**9.8**	0.48	1.46	26	4.6	12.6	**13.0**	0.52	1.57	*C25*
Nose, sinuses etc.	1	0.2	0.5	**0.5**	0.05	0.05	1	0.2	0.5	**0.3**	0.00	0.00	*C30-31*
Larynx	15	2.3	7.2	**10.2**	0.70	1.37	1	0.2	0.5	**0.7**	0.09	0.09	*C32*
Trachea, bronchus and lung	109	16.6	52.5	**71.7**	3.38	8.83	82	14.6	39.6	**42.0**	2.25	5.53	*C33-34*
Other thoracic organs	4	0.6	1.9	**2.5**	0.14	0.32	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	2	0.3	1.0	**0.9**	0.06	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C40-41*
Melanoma of skin	1	0.2	0.5	**0.5**	0.03	0.03	2	0.4	1.0	**0.8**	0.04	0.04	*C43*
Other skin	1		0.5	**0.4**	0.04	0.04	3		1.5	**1.6**	0.16	0.16	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	3	0.5	1.4	**1.3**	0.11	0.11	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	8	1.2	3.9	**4.1**	0.31	0.31	6	1.1	2.9	**3.1**	0.19	0.47	*C47+C49*
Breast	1	0.2	0.5	**0.7**	0.00	0.18	157	28.0	75.9	**80.6**	5.37	9.53	*C50*
Vulva							3	0.5	1.5	**1.5**	0.14	0.14	*C51*
Vagina							2	0.4	1.0	**1.0**	0.04	0.17	*C52*
Cervix uteri							10	1.8	4.8	**4.4**	0.26	0.40	*C53*
Corpus uteri							30	5.3	14.5	**16.0**	1.14	1.85	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							11	2.0	5.3	**5.6**	0.37	0.49	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	207	31.5	99.8	**140.5**	7.77	19.49							*C61*
Testis	1	0.2	0.5	**0.4**	0.03	0.03							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	23	3.5	11.1	**14.8**	0.77	1.65	17	3.0	8.2	**8.3**	0.57	0.82	*C64*
Renal pelvis	1	0.2	0.5	**0.5**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	20	3.0	9.6	**13.6**	0.81	1.80	16	2.9	7.7	**7.2**	0.39	0.80	*C67*
Other urinary organs	1	0.2	0.5	**0.8**	0.00	0.14	1	0.2	0.5	**0.7**	0.09	0.09	*C68*
Eye	1	0.2	0.5	**0.5**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	6	0.9	2.9	**2.9**	0.20	0.20	7	1.2	3.4	**3.2**	0.22	0.22	*C70-72*
Thyroid	5	0.8	2.4	**2.6**	0.10	0.28	14	2.5	6.8	**7.3**	0.59	0.82	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.5	**0.5**	0.02	0.02	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	2	0.4	1.0	**0.8**	0.02	0.02	*C75*
Hodgkin lymphoma	9	1.4	4.3	**4.7**	0.37	0.51	3	0.5	1.5	**1.4**	0.12	0.12	*C81*
Non-Hodgkin lymphoma	25	3.8	12.1	**13.8**	0.95	1.66	20	3.6	9.7	**10.4**	0.72	1.39	*C82-85,C96*
Immunoproliferative diseases	1	0.2	0.5	**0.8**	0.11	0.11	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	17	2.6	8.2	**10.7**	0.67	1.27	8	1.4	3.9	**3.3**	0.07	0.30	*C90*
Lymphoid leukaemia	9	1.4	4.3	**5.4**	0.14	0.63	1	0.2	0.5	**0.5**	0.02	0.02	*C91*
Myeloid leukaemia	11	1.7	5.3	**5.6**	0.37	0.54	6	1.1	2.9	**3.1**	0.24	0.38	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	2	0.3	1.0	**1.0**	0.04	0.04	4	0.7	1.9	**1.7**	0.13	0.13	*MPD*
Myelodysplastic syndromes	3	0.5	1.4	**2.2**	0.21	0.21	5	0.9	2.4	**3.0**	0.22	0.50	*MDS*
Other and unspecified	21	3.2	10.1	**14.1**	0.72	1.70	18	3.2	8.7	**7.6**	0.45	0.56	*O&U*
All sites	659		317.7	**425.1**	24.16	53.37	564		272.6	**279.7**	16.95	32.44	*C00-96*
All sites except C44	658	100.0	317.2	**424.7**	24.12	53.34	561	100.0	271.2	**278.1**	16.79	32.28	*C00-96 exc. C44*

USA, Nebraska: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	97	0.4	2.4	**1.5**	0.05	0.17	32	0.2	0.8	**0.3**	0.02	0.03	*C00*
Tongue	166	0.8	4.1	**3.0**	0.22	0.37	87	0.4	2.1	**1.3**	0.08	0.14	*C01-02*
Mouth	105	0.5	2.6	**1.8**	0.11	0.22	82	0.4	2.0	**1.1**	0.06	0.13	*C03-06*
Salivary glands	67	0.3	1.7	**1.1**	0.06	0.12	52	0.3	1.3	**0.8**	0.06	0.07	*C07-08*
Tonsil	102	0.5	2.5	**1.9**	0.16	0.23	14	0.1	0.3	**0.2**	0.02	0.03	*C09*
Other oropharynx	20	0.1	0.5	**0.4**	0.03	0.05	3	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	19	0.1	0.5	**0.3**	0.02	0.03	13	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	38	0.2	0.9	**0.7**	0.04	0.10	12	0.1	0.3	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	9	0.0	0.2	**0.1**	0.00	0.01	4	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	343	1.6	8.6	**5.7**	0.30	0.74	76	0.4	1.9	**0.9**	0.05	0.11	*C15*
Stomach	308	1.4	7.7	**4.9**	0.25	0.58	146	0.7	3.6	**1.6**	0.06	0.18	*C16*
Small intestine	119	0.5	3.0	**2.0**	0.11	0.25	92	0.5	2.2	**1.4**	0.09	0.18	*C17*
Colon	1705	7.8	42.6	**26.2**	1.17	3.09	1892	9.5	46.3	**20.5**	0.87	2.36	*C18*
Rectum	855	3.9	21.3	**14.2**	0.83	1.72	522	2.6	12.8	**6.7**	0.36	0.81	*C19-20*
Anus	36	0.2	0.9	**0.7**	0.05	0.07	64	0.3	1.6	**1.0**	0.07	0.13	*C21*
Liver	242	1.1	6.0	**3.9**	0.23	0.44	104	0.5	2.5	**1.5**	0.07	0.18	*C22*
Gallbladder etc.	100	0.5	2.5	**1.5**	0.07	0.16	129	0.6	3.2	**1.4**	0.06	0.15	*C23-24*
Pancreas	506	2.3	12.6	**7.6**	0.36	0.89	461	2.3	11.3	**5.3**	0.22	0.65	*C25*
Nose, sinuses etc.	38	0.2	0.9	**0.7**	0.04	0.08	30	0.2	0.7	**0.4**	0.02	0.04	*C30-31*
Larynx	268	1.2	6.7	**4.6**	0.30	0.60	65	0.3	1.6	**1.0**	0.06	0.13	*C32*
Trachea, bronchus and lung	3305	15.2	82.5	**52.1**	2.17	6.72	2509	12.6	61.3	**34.0**	1.74	4.43	*C33-34*
Other thoracic organs	15	0.1	0.4	**0.3**	0.02	0.03	19	0.1	0.5	**0.3**	0.02	0.04	*C37-38*
Bone	52	0.2	1.3	**1.2**	0.07	0.10	41	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	758	3.5	18.9	**13.0**	0.81	1.39	572	2.9	14.0	**10.0**	0.71	0.97	*C43*
Other skin	77		1.9	**1.3**	0.07	0.12	55		1.3	**0.8**	0.05	0.08	*C44*
Mesothelioma	67	0.3	1.7	**1.0**	0.03	0.12	29	0.1	0.7	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	9	0.0	0.2	**0.2**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	147	0.7	3.7	**2.5**	0.13	0.25	113	0.6	2.8	**1.8**	0.11	0.18	*C47+C49*
Breast	37	0.2	0.9	**0.6**	0.02	0.06	5671	28.5	138.7	**87.8**	6.17	10.20	*C50*
Vulva							116	0.6	2.8	**1.4**	0.09	0.13	*C51*
Vagina							26	0.1	0.6	**0.3**	0.02	0.04	*C52*
Cervix uteri							291	1.5	7.1	**5.7**	0.47	0.53	*C53*
Corpus uteri							1253	6.3	30.6	**19.4**	1.41	2.34	*C54*
Uterus unspecified							43	0.2	1.1	**0.5**	0.02	0.05	*C55*
Ovary							565	2.8	13.8	**8.6**	0.59	1.00	*C56*
Other female genital organs							27	0.1	0.7	**0.4**	0.03	0.06	*C57*
Placenta							3	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	32	0.1	0.8	**0.5**	0.03	0.07							*C60*
Prostate	6202	28.4	154.8	**103.2**	5.03	13.84							*C61*
Testis	274	1.3	6.8	**6.5**	0.47	0.49							*C62*
Other male genital organs	9	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	726	3.3	18.1	**12.5**	0.82	1.49	469	2.4	11.5	**7.2**	0.44	0.84	*C64*
Renal pelvis	45	0.2	1.1	**0.6**	0.03	0.07	25	0.1	0.6	**0.3**	0.01	0.03	*C65*
Ureter	34	0.2	0.8	**0.5**	0.01	0.05	24	0.1	0.6	**0.2**	0.01	0.02	*C66*
Bladder	1449	6.6	36.2	**21.2**	0.82	2.43	497	2.5	12.2	**5.6**	0.28	0.64	*C67*
Other urinary organs	5	0.0	0.1	**0.1**	0.00	0.01	5	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	32	0.1	0.8	**0.6**	0.03	0.07	23	0.1	0.6	**0.3**	0.02	0.03	*C69*
Brain, nervous system	333	1.5	8.3	**6.9**	0.42	0.67	276	1.4	6.7	**5.1**	0.31	0.48	*C70-72*
Thyroid	201	0.9	5.0	**4.0**	0.30	0.41	715	3.6	17.5	**14.4**	1.13	1.36	*C73*
Adrenal gland	5	0.0	0.1	**0.2**	0.01	0.01	12	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	6	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	138	0.6	3.4	**3.0**	0.21	0.26	133	0.7	3.3	**3.0**	0.19	0.26	*C81*
Non-Hodgkin lymphoma	958	4.4	23.9	**16.0**	0.87	1.80	889	4.5	21.7	**11.8**	0.64	1.38	*C82-85,C96*
Immunoproliferative diseases	15	0.1	0.4	**0.2**	0.01	0.03	17	0.1	0.4	**0.1**	0.00	0.01	*C88*
Multiple myeloma	277	1.3	6.9	**4.2**	0.21	0.48	228	1.1	5.6	**2.9**	0.15	0.37	*C90*
Lymphoid leukaemia	430	2.0	10.7	**7.6**	0.37	0.80	297	1.5	7.3	**4.4**	0.20	0.44	*C91*
Myeloid leukaemia	274	1.3	6.8	**4.6**	0.23	0.45	224	1.1	5.5	**3.3**	0.18	0.35	*C92-94*
Leukaemia unspecified	24	0.1	0.6	**0.3**	0.01	0.03	21	0.1	0.5	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	92	0.4	2.3	**1.5**	0.09	0.20	90	0.5	2.2	**1.2**	0.06	0.15	*MPD*
Myelodysplastic syndromes	191	0.9	4.8	**2.6**	0.10	0.26	138	0.7	3.4	**1.5**	0.06	0.14	*MDS*
Other and unspecified	530	2.4	13.2	**7.9**	0.39	0.82	634	3.2	15.5	**7.3**	0.34	0.83	*O&U*
All sites	21892		546.5	**360.0**	18.21	43.49	19932		487.4	**287.8**	17.79	32.96	*C00-96*
All sites except C44	21815	100.0	544.5	**358.8**	18.14	43.38	19877	100.0	486.0	**287.0**	17.74	32.87	*C00-96 exc. C44*

USA, New Hampshire

REGISTRATION AREA

The New Hampshire State Cancer Registry (NHSCR) collects incidence data on all cancer cases diagnosed or treated in the state of New Hampshire. New Hampshire is considered a rural state. There are large open spaces in the northern part of the state but major population centres in the southern part; 59% of residents live in urban areas and 96% are Caucasian.

CANCER CARE FACILITIES

There are 26 reporting hospitals and two free-standing oncology centres in New Hampshire.

REGISTRY STRUCTURE AND METHODS

Since its inception in 1985, the NHSCR has been contracted to the Geisel School of Medicine at Dartmouth College by the New Hampshire Department of Health and Human Services (DHHS) Division of Public Health Services. As required by the Administrative Rules of New Hampshire, the NHSCR collects reports from registrars in all large hospitals in the state. Hospitals with fewer than 105 cancer cases per year generally do not have their own cancer registry, and NHSCR staff members help these hospitals with their reporting duties. The NHSCR also receives case reports from physicians, free-standing radiation/oncology centres, out-of-state pathology laboratories, and other sources. The registry receives case reports for New Hampshire residents who are diagnosed outside the state through interstate data exchange agreements. The NHSCR conducts active death clearance trace-back and linkage to state death files and the National Death Index. Pathology audits are conducted at New Hampshire pathology laboratories to verify case ascertainment. Audits of discharge diagnosis codes are also conducted for case ascertainment purposes. The NHSCR is supported by the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR) through a cooperative agreement awarded to the DHHS (Division of Public Health Services, Bureau of Disease Control and Health Statistics, Health Statistics and Data Management section). The NHSCR has 4.5 full-time equivalent professional positions.

INTERPRETING THE RESULTS

New Hampshire supports two federally funded screening programmes for low-income individuals: the New Hampshire Breast and Cervical Cancer Early Detection Program (NHBCCEDP) and the New Hampshire Colorectal Screening Program (NHCRSP). The New Hampshire Comprehensive Cancer Collaboration is a federally funded programme that develops strategies to reduce cancer incidence and morbidity/mortality statewide.

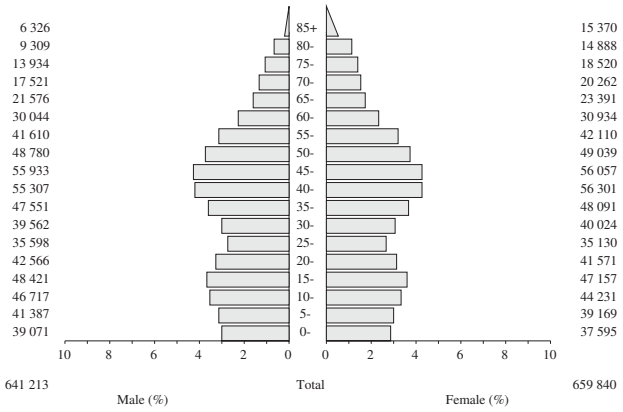
USE OF THE DATA

The state of New Hampshire uses cancer registry data for public health planning and investigations, and makes data available for approved research. More information is available from http://www.dhhs.nh.gov/dphs/hsdm/cancer/.

CONTRIBUTOR

Judith R. Rees

USA, New Hampshire (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	107.9	Breast	91.9
Trachea, bronchus and lung	51.4	Trachea, bronchus and lung	41.1
Bladder	27.6	Corpus uteri	21.4
Melanoma of skin	23.7	Melanoma of skin	19.1
Colon	22.6	Colon	18.5
Non-Hodgkin lymphoma	16.2	Thyroid	14.7
Kidney	12.5	Non-Hodgkin lymphoma	12.3
Rectum	11.3	Ovary	10.0
Oesophagus	8.0	Bladder	8.3
Pancreas	7.6	Rectum	7.4
All sites	382.8	All sites	315.9

USA, New Hampshire (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	17	0.1	0.5	**0.3**	0.01	0.05	11	0.1	0.3	**0.1**	0.00	0.01	*C00*
Tongue	142	0.8	4.4	**3.1**	0.24	0.37	65	0.4	2.0	**1.2**	0.08	0.14	*C01-02*
Mouth	92	0.5	2.9	**2.0**	0.12	0.25	69	0.4	2.1	**1.1**	0.06	0.12	*C03-06*
Salivary glands	46	0.3	1.4	**1.0**	0.05	0.11	28	0.2	0.8	**0.6**	0.04	0.07	*C07-08*
Tonsil	121	0.7	3.8	**2.6**	0.23	0.31	27	0.2	0.8	**0.6**	0.05	0.06	*C09*
Other oropharynx	31	0.2	1.0	**0.7**	0.05	0.09	8	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	24	0.1	0.7	**0.6**	0.04	0.06	4	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	37	0.2	1.2	**0.8**	0.04	0.10	16	0.1	0.5	**0.3**	0.01	0.05	*C12-13*
Pharynx unspecified	5	0.0	0.2	**0.1**	0.00	0.02	2	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	389	2.2	12.1	**8.0**	0.41	0.95	105	0.6	3.2	**1.7**	0.08	0.20	*C15*
Stomach	258	1.4	8.0	**5.2**	0.22	0.62	135	0.8	4.1	**1.9**	0.08	0.20	*C16*
Small intestine	63	0.4	2.0	**1.3**	0.09	0.15	49	0.3	1.5	**0.8**	0.05	0.09	*C17*
Colon	1111	6.2	34.7	**22.6**	0.99	2.60	1216	7.3	36.9	**18.5**	0.78	2.13	*C18*
Rectum	545	3.1	17.0	**11.3**	0.63	1.37	414	2.5	12.5	**7.4**	0.44	0.87	*C19-20*
Anus	30	0.2	0.9	**0.6**	0.04	0.07	65	0.4	2.0	**1.1**	0.08	0.13	*C21*
Liver	224	1.3	7.0	**4.9**	0.26	0.59	77	0.5	2.3	**1.3**	0.06	0.15	*C22*
Gallbladder etc.	72	0.4	2.2	**1.4**	0.07	0.16	97	0.6	2.9	**1.5**	0.07	0.17	*C23-24*
Pancreas	384	2.2	12.0	**7.6**	0.36	0.88	450	2.7	13.6	**7.1**	0.34	0.82	*C25*
Nose, sinuses etc.	27	0.2	0.8	**0.6**	0.04	0.07	9	0.1	0.3	**0.2**	0.02	0.02	*C30-31*
Larynx	226	1.3	7.0	**4.9**	0.30	0.63	52	0.3	1.6	**1.0**	0.07	0.14	*C32*
Trachea, bronchus and lung	2502	14.0	78.0	**51.4**	2.29	6.41	2326	13.9	70.5	**41.1**	2.11	5.34	*C33-34*
Other thoracic organs	10	0.1	0.3	**0.3**	0.02	0.03	12	0.1	0.4	**0.2**	0.01	0.03	*C37-38*
Bone	33	0.2	1.0	**1.0**	0.06	0.07	38	0.2	1.2	**1.1**	0.07	0.09	*C40-41*
Melanoma of skin	1086	6.1	33.9	**23.7**	1.48	2.67	850	5.1	25.8	**19.1**	1.38	1.82	*C43*
Other skin	51		1.6	**1.0**	0.06	0.09	55		1.7	**1.0**	0.06	0.09	*C44*
Mesothelioma	69	0.4	2.2	**1.3**	0.03	0.15	11	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	17	0.1	0.5	**0.4**	0.03	0.04	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	129	0.7	4.0	**3.2**	0.19	0.29	94	0.6	2.8	**2.0**	0.11	0.21	*C47+C49*
Breast	43	0.2	1.3	**0.8**	0.03	0.08	4744	28.3	143.8	**91.9**	6.37	10.63	*C50*
Vulva							112	0.7	3.4	**1.7**	0.10	0.15	*C51*
Vagina							17	0.1	0.5	**0.3**	0.02	0.02	*C52*
Cervix uteri							220	1.3	6.7	**5.0**	0.38	0.50	*C53*
Corpus uteri							1078	6.4	32.7	**21.4**	1.59	2.64	*C54*
Uterus unspecified							36	0.2	1.1	**0.6**	0.04	0.06	*C55*
Ovary							528	3.2	16.0	**10.0**	0.67	1.13	*C56*
Other female genital organs							48	0.3	1.5	**0.9**	0.06	0.11	*C57*
Placenta							2	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	21	0.1	0.7	**0.4**	0.02	0.05							*C60*
Prostate	4979	27.9	155.3	**107.9**	5.77	14.77							*C61*
Testis	229	1.3	7.1	**6.8**	0.50	0.52							*C62*
Other male genital organs	12	0.1	0.4	**0.3**	0.02	0.03							*C63*
Kidney	573	3.2	17.9	**12.5**	0.77	1.43	343	2.0	10.4	**6.7**	0.40	0.77	*C64*
Renal pelvis	31	0.2	1.0	**0.6**	0.02	0.07	19	0.1	0.6	**0.3**	0.02	0.03	*C65*
Ureter	28	0.2	0.9	**0.5**	0.02	0.05	17	0.1	0.5	**0.3**	0.01	0.03	*C66*
Bladder	1368	7.7	42.7	**27.6**	1.14	3.41	497	3.0	15.1	**8.3**	0.39	1.04	*C67*
Other urinary organs	9	0.1	0.3	**0.2**	0.00	0.03	7	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	41	0.2	1.3	**1.0**	0.06	0.10	36	0.2	1.1	**0.9**	0.06	0.08	*C69*
Brain, nervous system	293	1.6	9.1	**7.5**	0.45	0.79	199	1.2	6.0	**4.8**	0.28	0.44	*C70-72*
Thyroid	184	1.0	5.7	**4.3**	0.30	0.44	604	3.6	18.3	**14.7**	1.17	1.41	*C73*
Adrenal gland	6	0.0	0.2	**0.2**	0.01	0.01	7	0.0	0.2	**0.1**	0.01	0.02	*C74*
Other endocrine	6	0.0	0.2	**0.2**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	113	0.6	3.5	**3.2**	0.22	0.26	92	0.5	2.8	**2.5**	0.18	0.20	*C81*
Non-Hodgkin lymphoma	731	4.1	22.8	**16.2**	0.96	1.81	671	4.0	20.3	**12.3**	0.68	1.43	*C82-85,C96*
Immunoproliferative diseases	41	0.2	1.3	**0.8**	0.03	0.10	28	0.2	0.8	**0.5**	0.02	0.06	*C88*
Multiple myeloma	233	1.3	7.3	**4.6**	0.22	0.53	177	1.1	5.4	**2.8**	0.13	0.35	*C90*
Lymphoid leukaemia	293	1.6	9.1	**6.8**	0.33	0.68	208	1.2	6.3	**4.8**	0.24	0.45	*C91*
Myeloid leukaemia	202	1.1	6.3	**4.5**	0.24	0.49	160	1.0	4.8	**3.2**	0.20	0.31	*C92-94*
Leukaemia unspecified	23	0.1	0.7	**0.5**	0.02	0.04	18	0.1	0.5	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	125	0.7	3.9	**2.7**	0.15	0.29	136	0.8	4.1	**2.4**	0.12	0.29	*MPD*
Myelodysplastic syndromes	181	1.0	5.6	**3.3**	0.10	0.34	121	0.7	3.7	**1.7**	0.06	0.18	*MDS*
Other and unspecified	377	2.1	11.8	**7.4**	0.33	0.82	393	2.3	11.9	**6.0**	0.25	0.65	*O&U*
All sites	17883		557.8	**382.8**	20.10	46.35	16806		509.4	**315.9**	19.55	36.02	*C00-96*
All sites except C44	17832	100.0	556.2	**381.8**	20.04	46.26	16751	100.0	507.7	**314.9**	19.49	35.93	*C00-96 exc. C44*

USA, New Jersey

REGISTRATION AREA

The New Jersey State Cancer Registry (NJSCR) covers all 8.7 million residents of the state. New Jersey is located on the East Coast of the USA, bordered by the states of New York, Pennsylvania, and Delaware. At the 2010 census, the population of New Jersey was estimated to be 68.6% Caucasian, 13.7% African-American, 8.3% Asian, and 17.7% Hispanic (of any race).

CANCER CARE FACILITIES

A total of 61 in-state hospitals, 60 surgery centres, and 24 free-standing radiation centres diagnose and treat cancer in New Jersey. In addition, many private physicians and in-office pathologists, dentists, psychiatric facilities, rehabilitation facilities, and nursing homes provide cancer services, and residents also have access to cancer centres in neighbouring states.

REGISTRY STRUCTURE AND METHODS

Cancer Epidemiology Services (CES) is located in the State of New Jersey Department of Health's Division of Epidemiology, Environmental and Occupational Health, and is financed by state and federal funds. There are 40 full-time and part-time staff members working on cancer registry and surveillance activities. Health care facilities are required by law to report cancer cases electronically within 3 months of discharge or 6 months of diagnosis, or face a penalty. The majority of cases are reported by hospitals. Matching with the department's other databases has also resulted in the identification of cases. More than 10 000 case reports are received annually from out-of-state sources through reciprocal reporting agreements. Definite and possible duplicates are resolved by staff members. Patients' vital status is updated through active and passive follow-up by linkage with state and national data sources. The NJSCR has achieved North American Association of Central Cancer Registries (NAACCR) Gold Certification.

INTERPRETING THE RESULTS

The registry's coverage area has not changed. Incidence rates of many types of cancer vary by race/ethnicity. Changes in cancer screening patterns have had impacts on breast, colorectal, cervical, and prostate cancers. The implementation of electronic pathology laboratory reporting has improved melanoma reporting.

USE OF THE DATA

CES monitors cancer incidence trends, disseminates data, and addresses citizens' concerns about cancer. It also publishes reports and articles based on registry data. The data are used for a wide range of purposes, including applications in cancer control and prevention, etiological studies, policy-making, and epidemiological research.

CONTRIBUTORS

John Graff
Thomas English
Xiaoling Niu
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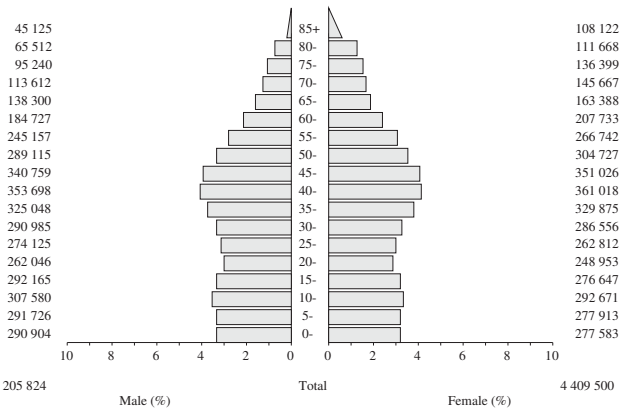
Henry Lewis

USA, New Jersey (2003-2007)
Average annual person-years by sex and age group

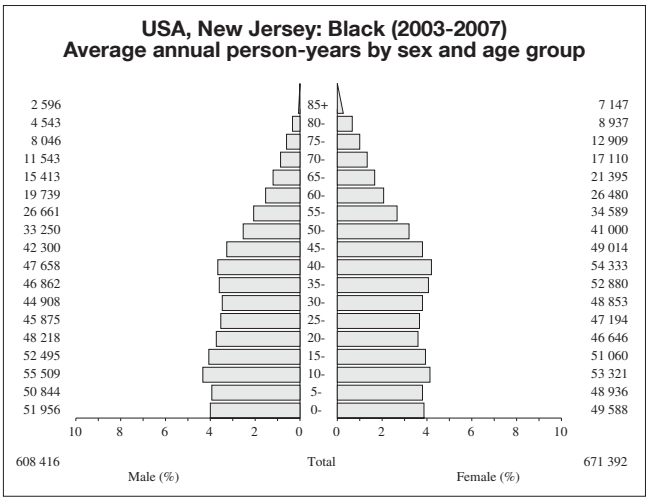


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

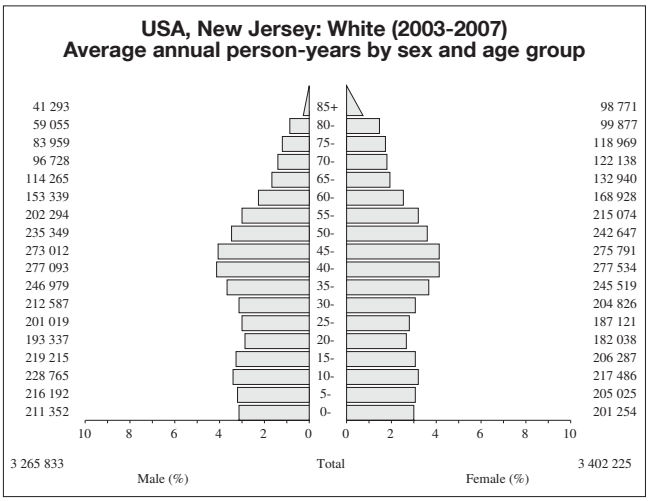
Male		Female	
Prostate	118.3	Breast	91.1
Trachea, bronchus and lung	48.0	Trachea, bronchus and lung	36.2
Bladder	26.4	Corpus uteri	21.0
Colon	25.1	Colon	19.5
Melanoma of skin	17.0	Thyroid	16.6
Non-Hodgkin lymphoma	17.0	Melanoma of skin	12.6
Kidney	13.6	Non-Hodgkin lymphoma	11.8
Rectum	12.3	Ovary	10.2
Pancreas	8.9	Rectum	7.6
Stomach	7.6	Cervix uteri	7.4
All sites	390.7	All sites	310.1



NOTES ON THE DATA: *No official mortality data.

USA, NEW JERSEY: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	176.2	Breast	79.0
Trachea, bronchus and lung	58.7	Trachea, bronchus and lung	34.2
Colon	29.0	Colon	24.8
Kidney	14.0	Corpus uteri	15.8
Non-Hodgkin lymphoma	13.4	Cervix uteri	10.1
Rectum	11.9	Non-Hodgkin lymphoma	9.4
Bladder	11.9	Thyroid	8.6
Stomach	10.4	Rectum	7.8
Pancreas	9.8	Pancreas	7.7
Liver	8.9	Ovary	7.6
All sites	430.3	All sites	277.5



NOTES ON THE DATA: *No official mortality data.

USA, NEW JERSEY: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	109.9	Breast	94.2
Trachea, bronchus and lung	48.0	Trachea, bronchus and lung	37.8
Bladder	28.3	Corpus uteri	22.1
Colon	25.0	Colon	18.9
Melanoma of skin	19.5	Thyroid	17.9
Non-Hodgkin lymphoma	17.5	Melanoma of skin	15.1
Kidney	13.9	Non-Hodgkin lymphoma	12.3
Rectum	12.3	Ovary	10.8
Pancreas	9.0	Bladder	7.6
Brain, nervous system	7.6	Rectum	7.6
All sites	388.6	All sites	319.7

USA, New Jersey (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	96	0.1	0.5	**0.3**	0.02	0.03	71	0.1	0.3	**0.1**	0.00	0.01	*C00*
Tongue	993	0.8	4.7	**3.5**	0.25	0.43	443	0.4	2.0	**1.2**	0.08	0.14	*C01-02*
Mouth	552	0.5	2.6	**1.9**	0.13	0.22	410	0.4	1.9	**1.0**	0.05	0.12	*C03-06*
Salivary glands	344	0.3	1.6	**1.1**	0.06	0.11	259	0.2	1.2	**0.8**	0.05	0.09	*C07-08*
Tonsil	483	0.4	2.3	**1.7**	0.14	0.21	126	0.1	0.6	**0.4**	0.03	0.05	*C09*
Other oropharynx	145	0.1	0.7	**0.5**	0.03	0.06	53	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	168	0.1	0.8	**0.6**	0.04	0.06	78	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	247	0.2	1.2	**0.8**	0.05	0.11	60	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	59	0.0	0.3	**0.2**	0.01	0.02	24	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	1759	1.5	8.4	**5.7**	0.31	0.71	569	0.5	2.6	**1.3**	0.06	0.15	*C15*
Stomach	2436	2.1	11.6	**7.6**	0.37	0.89	1674	1.5	7.6	**3.7**	0.18	0.40	*C16*
Small intestine	519	0.4	2.5	**1.7**	0.10	0.21	471	0.4	2.1	**1.2**	0.07	0.15	*C17*
Colon	8250	7.0	39.2	**25.1**	1.12	2.87	9128	8.0	41.4	**19.5**	0.89	2.13	*C18*
Rectum	3809	3.2	18.1	**12.3**	0.69	1.48	3103	2.7	14.1	**7.6**	0.44	0.88	*C19-20*
Anus	249	0.2	1.2	**0.9**	0.06	0.10	429	0.4	1.9	**1.2**	0.09	0.13	*C21*
Liver	2063	1.7	9.8	**6.9**	0.45	0.84	895	0.8	4.1	**2.1**	0.11	0.23	*C22*
Gallbladder etc.	611	0.5	2.9	**1.8**	0.08	0.21	948	0.8	4.3	**2.0**	0.09	0.24	*C23-24*
Pancreas	2869	2.4	13.6	**8.9**	0.44	1.04	2995	2.6	13.6	**6.5**	0.29	0.74	*C25*
Nose, sinuses etc.	168	0.1	0.8	**0.6**	0.03	0.06	137	0.1	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	1430	1.2	6.8	**4.8**	0.28	0.60	358	0.3	1.6	**1.0**	0.06	0.13	*C32*
Trachea, bronchus and lung	15310	12.9	72.8	**48.0**	2.13	5.96	14708	12.8	66.7	**36.2**	1.79	4.58	*C33-34*
Other thoracic organs	151	0.1	0.7	**0.6**	0.04	0.06	102	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	283	0.2	1.3	**1.2**	0.08	0.10	228	0.2	1.0	**1.0**	0.06	0.07	*C40-41*
Melanoma of skin	5138	4.3	24.4	**17.0**	0.99	1.95	4149	3.6	18.8	**12.6**	0.87	1.30	*C43*
Other skin	384		1.8	**1.2**	0.06	0.12	324		1.5	**0.9**	0.05	0.08	*C44*
Mesothelioma	541	0.5	2.6	**1.5**	0.04	0.16	165	0.1	0.7	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	212	0.2	1.0	**0.7**	0.05	0.06	40	0.0	0.2	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	817	0.7	3.9	**2.9**	0.17	0.28	701	0.6	3.2	**2.2**	0.14	0.21	*C47+C49*
Breast	335	0.3	1.6	**1.0**	0.05	0.12	31732	27.7	143.9	**91.1**	6.47	10.42	*C50*
Vulva							595	0.5	2.7	**1.4**	0.09	0.16	*C51*
Vagina							191	0.2	0.9	**0.5**	0.03	0.06	*C52*
Cervix uteri							2202	1.9	10.0	**7.4**	0.57	0.74	*C53*
Corpus uteri							7212	6.3	32.7	**21.0**	1.52	2.62	*C54*
Uterus unspecified							230	0.2	1.0	**0.6**	0.03	0.07	*C55*
Ovary							3622	3.2	16.4	**10.2**	0.71	1.15	*C56*
Other female genital organs							166	0.1	0.8	**0.4**	0.03	0.05	*C57*
Placenta							27	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	157	0.1	0.7	**0.5**	0.03	0.06							*C60*
Prostate	35070	29.6	166.8	**118.3**	6.24	16.10							*C61*
Testis	1183	1.0	5.6	**5.2**	0.39	0.40							*C62*
Other male genital organs	47	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	4001	3.4	19.0	**13.6**	0.83	1.64	2495	2.2	11.3	**6.9**	0.42	0.81	*C64*
Renal pelvis	269	0.2	1.3	**0.8**	0.03	0.09	155	0.1	0.7	**0.3**	0.02	0.04	*C65*
Ureter	147	0.1	0.7	**0.4**	0.01	0.05	105	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	8765	7.4	41.7	**26.4**	1.08	3.09	3185	2.8	14.4	**7.2**	0.33	0.84	*C67*
Other urinary organs	86	0.1	0.4	**0.3**	0.01	0.03	40	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	208	0.2	1.0	**0.8**	0.04	0.08	160	0.1	0.7	**0.6**	0.03	0.05	*C69*
Brain, nervous system	1788	1.5	8.5	**7.0**	0.43	0.69	1474	1.3	6.7	**5.0**	0.30	0.47	*C70-72*
Thyroid	1436	1.2	6.8	**5.3**	0.39	0.55	4676	4.1	21.2	**16.6**	1.29	1.60	*C73*
Adrenal gland	68	0.1	0.3	**0.4**	0.02	0.03	70	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	36	0.0	0.2	**0.2**	0.01	0.01	46	0.0	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	761	0.6	3.6	**3.2**	0.22	0.28	691	0.6	3.1	**2.9**	0.19	0.23	*C81*
Non-Hodgkin lymphoma	5137	4.3	24.4	**17.0**	0.99	1.82	4588	4.0	20.8	**11.8**	0.66	1.33	*C82-85,C96*
Immunoproliferative diseases	98	0.1	0.5	**0.3**	0.01	0.03	67	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	1567	1.3	7.5	**5.0**	0.24	0.61	1367	1.2	6.2	**3.3**	0.18	0.38	*C90*
Lymphoid leukaemia	1831	1.5	8.7	**6.8**	0.35	0.65	1328	1.2	6.0	**4.1**	0.19	0.38	*C91*
Myeloid leukaemia	1503	1.3	7.1	**5.0**	0.27	0.50	1209	1.1	5.5	**3.4**	0.20	0.34	*C92-94*
Leukaemia unspecified	103	0.1	0.5	**0.3**	0.01	0.03	115	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	641	0.5	3.0	**2.1**	0.12	0.22	589	0.5	2.7	**1.5**	0.08	0.16	*MPD*
Myelodysplastic syndromes	1232	1.0	5.9	**3.5**	0.10	0.36	985	0.9	4.5	**2.1**	0.07	0.23	*MDS*
Other and unspecified	2321	2.0	11.0	**7.0**	0.33	0.75	2868	2.5	13.0	**6.2**	0.29	0.68	*O&U*
All sites	118876		565.3	**390.7**	20.41	47.17	114838		520.9	**310.1**	19.28	34.97	*C00-96*
All sites except C44	118492	100.0	563.5	**389.4**	20.34	47.06	114514	100.0	519.4	**309.2**	19.23	34.88	*C00-96 exc. C44*

§Includes 14 cases of unknown age

§Includes 13 cases of unknown age

*USA, New Jersey: Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	102	0.8	3.4	**3.4**	0.24	0.42	36	0.3	1.1	**0.9**	0.07	0.12	*C01-02*
Mouth	61	0.5	2.0	**2.0**	0.15	0.26	46	0.4	1.4	**1.0**	0.07	0.11	*C03-06*
Salivary glands	26	0.2	0.9	**0.8**	0.06	0.08	40	0.3	1.2	**1.1**	0.08	0.10	*C07-08*
Tonsil	61	0.5	2.0	**2.0**	0.14	0.27	16	0.1	0.5	**0.4**	0.03	0.05	*C09*
Other oropharynx	15	0.1	0.5	**0.5**	0.03	0.06	10	0.1	0.3	**0.2**	0.02	0.02	*C10*
Nasopharynx	29	0.2	1.0	**0.9**	0.06	0.10	17	0.1	0.5	**0.4**	0.03	0.03	*C11*
Hypopharynx	54	0.4	1.8	**1.8**	0.11	0.24	8	0.1	0.2	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	10	0.1	0.3	**0.3**	0.02	0.04	4	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	223	1.7	7.3	**7.3**	0.46	0.90	90	0.7	2.7	**2.0**	0.13	0.23	*C15*
Stomach	325	2.5	10.7	**10.4**	0.49	1.22	262	2.2	7.8	**5.3**	0.22	0.57	*C16*
Small intestine	72	0.6	2.4	**2.3**	0.13	0.30	79	0.7	2.4	**1.7**	0.11	0.21	*C17*
Colon	907	6.9	29.8	**29.0**	1.43	3.35	1148	9.5	34.2	**24.8**	1.30	2.87	*C18*
Rectum	369	2.8	12.1	**11.9**	0.69	1.48	345	2.9	10.3	**7.8**	0.46	0.95	*C19-20*
Anus	41	0.3	1.3	**1.3**	0.08	0.16	58	0.5	1.7	**1.3**	0.08	0.16	*C21*
Liver	274	2.1	9.0	**8.9**	0.69	1.10	128	1.1	3.8	**3.0**	0.19	0.38	*C22*
Gallbladder etc.	59	0.5	1.9	**1.9**	0.08	0.25	117	1.0	3.5	**2.6**	0.12	0.30	*C23-24*
Pancreas	310	2.4	10.2	**9.8**	0.54	1.13	362	3.0	10.8	**7.7**	0.35	0.85	*C25*
Nose, sinuses etc.	18	0.1	0.6	**0.6**	0.04	0.06	9	0.1	0.3	**0.2**	0.01	0.01	*C30-31*
Larynx	217	1.7	7.1	**7.3**	0.44	0.98	56	0.5	1.7	**1.3**	0.08	0.18	*C32*
Trachea, bronchus and lung	1791	13.7	58.9	**58.7**	3.19	7.43	1521	12.6	45.3	**34.2**	1.94	4.19	*C33-34*
Other thoracic organs	11	0.1	0.4	**0.3**	0.03	0.04	18	0.1	0.5	**0.4**	0.03	0.04	*C37-38*
Bone	39	0.3	1.3	**1.2**	0.09	0.09	26	0.2	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	20	0.2	0.7	**0.6**	0.03	0.08	34	0.3	1.0	**0.7**	0.04	0.07	*C43*
Other skin	29		1.0	**0.9**	0.05	0.09	44		1.3	**1.0**	0.07	0.09	*C44*
Mesothelioma	23	0.2	0.8	**0.7**	0.02	0.07	11	0.1	0.3	**0.2**	0.00	0.03	*C45*
Kaposi sarcoma	61	0.5	2.0	**1.7**	0.13	0.15	8	0.1	0.2	**0.2**	0.02	0.02	*C46*
Connective and soft tissue	95	0.7	3.1	**2.9**	0.16	0.25	93	0.8	2.8	**2.4**	0.15	0.23	*C47+C49*
Breast	45	0.3	1.5	**1.5**	0.08	0.19	3359	27.9	100.1	**79.0**	5.68	9.06	*C50*
Vulva							52	0.4	1.5	**1.2**	0.09	0.13	*C51*
Vagina							35	0.3	1.0	**0.9**	0.05	0.12	*C52*
Cervix uteri							423	3.5	12.6	**10.1**	0.76	1.05	*C53*
Corpus uteri							659	5.5	19.6	**15.8**	0.99	2.07	*C54*
Uterus unspecified							38	0.3	1.1	**0.9**	0.06	0.11	*C55*
Ovary							328	2.7	9.8	**7.6**	0.50	0.85	*C56*
Other female genital organs							19	0.2	0.6	**0.4**	0.03	0.03	*C57*
Placenta							10	0.1	0.3	**0.3**	0.02	0.02	*C58*
Penis	11	0.1	0.4	**0.3**	0.01	0.05							*C60*
Prostate	5224	40.0	171.7	**176.2**	9.88	23.84							*C61*
Testis	37	0.3	1.2	**1.1**	0.07	0.10							*C62*
Other male genital organs	4	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	436	3.3	14.3	**14.0**	0.86	1.71	287	2.4	8.5	**6.8**	0.42	0.84	*C64*
Renal pelvis	9	0.1	0.3	**0.3**	0.02	0.02	7	0.1	0.2	**0.2**	0.01	0.03	*C65*
Ureter	6	0.0	0.2	**0.2**	0.01	0.02	9	0.1	0.3	**0.2**	0.00	0.01	*C66*
Bladder	369	2.8	12.1	**11.9**	0.52	1.34	225	1.9	6.7	**4.5**	0.18	0.48	*C67*
Other urinary organs	10	0.1	0.3	**0.3**	0.02	0.04	10	0.1	0.3	**0.2**	0.02	0.02	*C68*
Eye	7	0.1	0.2	**0.3**	0.01	0.02	4	0.0	0.1	**0.1**	0.00	0.01	*C69*
Brain, nervous system	120	0.9	3.9	**3.9**	0.24	0.37	99	0.8	2.9	**2.6**	0.18	0.23	*C70-72*
Thyroid	83	0.6	2.7	**2.7**	0.19	0.28	344	2.9	10.2	**8.6**	0.66	0.89	*C73*
Adrenal gland	12	0.1	0.4	**0.5**	0.02	0.03	10	0.1	0.3	**0.3**	0.02	0.03	*C74*
Other endocrine	3	0.0	0.1	**0.1**	0.01	0.01	9	0.1	0.3	**0.2**	0.02	0.02	*C75*
Hodgkin lymphoma	96	0.7	3.2	**3.0**	0.21	0.27	81	0.7	2.4	**2.3**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	431	3.3	14.2	**13.4**	0.95	1.44	401	3.3	11.9	**9.4**	0.62	1.05	*C82-85,C96*
Immunoproliferative diseases	5	0.0	0.2	**0.1**	0.00	0.01	4	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	271	2.1	8.9	**8.7**	0.43	1.09	304	2.5	9.1	**6.5**	0.32	0.75	*C90*
Lymphoid leukaemia	124	0.9	4.1	**4.2**	0.25	0.38	97	0.8	2.9	**2.6**	0.13	0.25	*C91*
Myeloid leukaemia	129	1.0	4.2	**4.1**	0.20	0.43	131	1.1	3.9	**3.2**	0.22	0.31	*C92-94*
Leukaemia unspecified	11	0.1	0.4	**0.4**	0.02	0.04	13	0.1	0.4	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	72	0.6	2.4	**2.2**	0.14	0.26	69	0.6	2.1	**1.6**	0.10	0.18	*MPD*
Myelodysplastic syndromes	81	0.6	2.7	**2.5**	0.08	0.26	123	1.0	3.7	**2.6**	0.11	0.30	*MDS*
Other and unspecified	265	2.0	8.7	**8.6**	0.47	0.94	335	2.8	10.0	**7.0**	0.36	0.77	*O&U*
All sites	13104		430.8	**430.3**	24.28	53.73	12071		359.6	**277.5**	17.38	31.73	*C00-96*
All sites except C44	13075	100.0	429.8	**429.4**	24.22	53.64	12027	100.0	358.3	**276.5**	17.30	31.63	*C00-96 exc. C44*
	§Includes 1 case of unknown age						§Includes 1 case of unknown age						

*See note following population pyramid

*USA, New Jersey: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	90	0.1	0.6	**0.3**	0.02	0.04	66	0.1	0.4	**0.1**	0.00	0.02	*C00*
Tongue	854	0.9	5.2	**3.6**	0.26	0.44	380	0.4	2.2	**1.2**	0.08	0.14	*C01-02*
Mouth	444	0.4	2.7	**1.8**	0.12	0.21	340	0.3	2.0	**1.0**	0.05	0.12	*C03-06*
Salivary glands	307	0.3	1.9	**1.1**	0.06	0.12	207	0.2	1.2	**0.7**	0.04	0.08	*C07-08*
Tonsil	417	0.4	2.6	**1.8**	0.14	0.22	106	0.1	0.6	**0.4**	0.03	0.05	*C09*
Other oropharynx	128	0.1	0.8	**0.5**	0.04	0.07	42	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	99	0.1	0.6	**0.4**	0.02	0.05	47	0.0	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	185	0.2	1.1	**0.7**	0.05	0.09	48	0.0	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	46	0.0	0.3	**0.2**	0.01	0.02	20	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	1494	1.5	9.1	**5.8**	0.31	0.72	463	0.5	2.7	**1.2**	0.05	0.14	*C15*
Stomach	1915	1.9	11.7	**7.0**	0.34	0.81	1296	1.3	7.6	**3.3**	0.15	0.35	*C16*
Small intestine	419	0.4	2.6	**1.6**	0.10	0.20	374	0.4	2.2	**1.1**	0.06	0.14	*C17*
Colon	7057	7.1	43.2	**25.0**	1.10	2.86	7666	7.9	45.1	**18.9**	0.83	2.04	*C18*
Rectum	3204	3.2	19.6	**12.3**	0.67	1.47	2613	2.7	15.4	**7.6**	0.44	0.87	*C19-20*
Anus	202	0.2	1.2	**0.8**	0.05	0.09	366	0.4	2.2	**1.2**	0.09	0.14	*C21*
Liver	1592	1.6	9.7	**6.3**	0.39	0.76	704	0.7	4.1	**1.9**	0.09	0.20	*C22*
Gallbladder etc.	522	0.5	3.2	**1.8**	0.09	0.20	778	0.8	4.6	**1.9**	0.08	0.22	*C23-24*
Pancreas	2459	2.5	15.1	**9.0**	0.44	1.06	2553	2.6	15.0	**6.5**	0.29	0.74	*C25*
Nose, sinuses etc.	141	0.1	0.9	**0.6**	0.03	0.06	122	0.1	0.7	**0.4**	0.03	0.04	*C30-31*
Larynx	1179	1.2	7.2	**4.6**	0.28	0.58	294	0.3	1.7	**1.0**	0.06	0.13	*C32*
Trachea, bronchus and lung	13099	13.2	80.2	**48.0**	2.08	5.98	12867	13.2	75.6	**37.8**	1.84	4.81	*C33-34*
Other thoracic organs	119	0.1	0.7	**0.6**	0.03	0.05	72	0.1	0.4	**0.2**	0.02	0.03	*C37-38*
Bone	227	0.2	1.4	**1.3**	0.08	0.10	190	0.2	1.1	**1.0**	0.06	0.08	*C40-41*
Melanoma of skin	4877	4.9	29.9	**19.5**	1.14	2.24	3904	4.0	22.9	**15.1**	1.05	1.55	*C43*
Other skin	332		2.0	**1.3**	0.06	0.12	269		1.6	**0.8**	0.05	0.09	*C44*
Mesothelioma	508	0.5	3.1	**1.6**	0.04	0.18	151	0.2	0.9	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	138	0.1	0.8	**0.5**	0.04	0.05	30	0.0	0.2	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	684	0.7	4.2	**3.0**	0.17	0.29	573	0.6	3.4	**2.2**	0.14	0.21	*C47+C49*
Breast	282	0.3	1.7	**1.0**	0.05	0.11	26873	27.6	158.0	**94.2**	6.67	10.79	*C50*
Vulva							523	0.5	3.1	**1.5**	0.09	0.16	*C51*
Vagina							143	0.1	0.8	**0.4**	0.03	0.05	*C52*
Cervix uteri							1642	1.7	9.7	**7.1**	0.56	0.70	*C53*
Corpus uteri							6227	6.4	36.6	**22.1**	1.62	2.76	*C54*
Uterus unspecified							186	0.2	1.1	**0.6**	0.03	0.06	*C55*
Ovary							3133	3.2	18.4	**10.8**	0.75	1.22	*C56*
Other female genital organs							144	0.1	0.8	**0.4**	0.03	0.05	*C57*
Placenta							12	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	138	0.1	0.8	**0.5**	0.03	0.06							*C60*
Prostate	27545	27.7	168.7	**109.9**	5.77	14.98							*C61*
Testis	1101	1.1	6.7	**6.4**	0.48	0.49							*C62*
Other male genital organs	39	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	3422	3.4	21.0	**13.9**	0.85	1.68	2119	2.2	12.5	**7.1**	0.43	0.83	*C64*
Renal pelvis	250	0.3	1.5	**0.9**	0.03	0.10	146	0.1	0.9	**0.4**	0.02	0.05	*C65*
Ureter	135	0.1	0.8	**0.4**	0.01	0.05	93	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	8039	8.1	49.2	**28.3**	1.17	3.35	2838	2.9	16.7	**7.6**	0.36	0.91	*C67*
Other urinary organs	72	0.1	0.4	**0.2**	0.01	0.02	27	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	193	0.2	1.2	**0.9**	0.05	0.10	151	0.2	0.9	**0.6**	0.04	0.06	*C69*
Brain, nervous system	1573	1.6	9.6	**7.6**	0.46	0.75	1296	1.3	7.6	**5.5**	0.33	0.52	*C70-72*
Thyroid	1248	1.3	7.6	**5.7**	0.43	0.59	3925	4.0	23.1	**17.9**	1.39	1.72	*C73*
Adrenal gland	51	0.1	0.3	**0.4**	0.02	0.02	56	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	32	0.0	0.2	**0.2**	0.01	0.02	34	0.0	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	625	0.6	3.8	**3.4**	0.22	0.29	582	0.6	3.4	**3.1**	0.21	0.25	*C81*
Non-Hodgkin lymphoma	4448	4.5	27.2	**17.5**	1.00	1.88	3998	4.1	23.5	**12.3**	0.68	1.39	*C82-85,C96*
Immunoproliferative diseases	90	0.1	0.6	**0.3**	0.01	0.03	61	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	1232	1.2	7.5	**4.6**	0.22	0.56	996	1.0	5.9	**2.8**	0.16	0.32	*C90*
Lymphoid leukaemia	1595	1.6	9.8	**7.2**	0.37	0.68	1160	1.2	6.8	**4.3**	0.20	0.39	*C91*
Myeloid leukaemia	1308	1.3	8.0	**5.2**	0.28	0.52	1011	1.0	5.9	**3.3**	0.19	0.34	*C92-94*
Leukaemia unspecified	89	0.1	0.5	**0.3**	0.01	0.03	96	0.1	0.6	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	533	0.5	3.3	**2.1**	0.11	0.22	482	0.5	2.8	**1.4**	0.07	0.15	*MPD*
Myelodysplastic syndromes	1103	1.1	6.8	**3.6**	0.10	0.37	836	0.9	4.9	**2.0**	0.07	0.22	*MDS*
Other and unspecified	1980	2.0	12.1	**6.9**	0.32	0.75	2445	2.5	14.4	**6.2**	0.28	0.68	*O&U*
All sites	99861		611.5	**388.6**	20.18	46.77	97776		574.8	**319.7**	19.89	36.06	*C00-96*
All sites except C44	99529	100.0	609.5	**387.4**	20.12	46.65	97507	100.0	573.2	**318.8**	19.84	35.97	*C00-96 exc. C44*
	§Includes 8 cases of unknown age						§Includes 8 cases of unknown age						

*See note following population pyramid

USA, New Mexico

REGISTRATION AREA

The New Mexico Tumor Registry (NMTR) covers New Mexico, which is the fifth largest state in the USA, with an area of 314 159 km^2. About one third of the state's 1.9 million residents live in the Albuquerque area; the remaining residents live in small cities, towns, and villages and in rural areas. New Mexico's diverse population includes Hispanics, American Indians, African-Americans, Asians, and non-Hispanic Whites. Many Hispanics in the state can trace their ancestry to Spanish colonists who settled in the area several centuries ago. The median education and income levels in New Mexico are among the lowest in the USA.

CANCER CARE FACILITIES

Cancer care is provided by public and private hospitals in population centres throughout New Mexico and in neighbouring states. Community-based oncologists, surgeons, and other health professionals are also key providers of cancer care.

REGISTRY STRUCTURE AND METHODS

The NMTR is a population-based registry that was established in 1966 and is a founding member of the National Cancer Institute's SEER Program. Cancer surveillance in New Mexico is a collaborative effort of the registry, the New Mexico Department of Health, the federal Indian Health Service, and – importantly – hospital-based cancer registrars, health care providers, and administrators. The registry also routinely receives information from registries and care providers in neighbouring states, for New Mexico residents who travel out of the state for cancer care. Cancer surveillance is conducted in accordance with the prevailing standards disseminated by the SEER Program and others.

INTERPRETING THE RESULTS

Cancer incidence, mortality, and survival vary (sometimes widely) among New Mexico's diverse racial/ethnic groups, so it is important to consider race/ethnicity when interpreting the NMTR's data. During 2003–2007, New Mexico had six cancer programmes that were accredited by the American College of Surgeons. Breast and cervical cancer screening programmes (for women aged 30–64 years) have been in place since 1992, with approximately 20% coverage.

USE OF THE DATA

The NMTR maintains a robust research portfolio, and many investigators use registry data for scientific studies. Statistics are routinely tabulated and disseminated through published reports and via the registry's website. The registry also collaborates with the New Mexico Department of Health to address cancer-related concerns and public health issues.

CONTRIBUTORS

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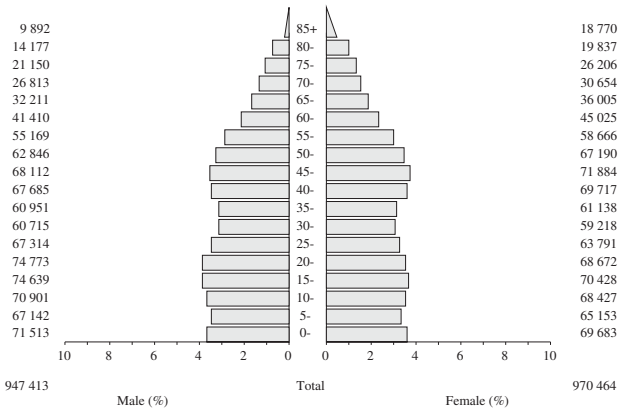
USA, New Mexico (2003-2007)
Average annual person-years by sex and age group

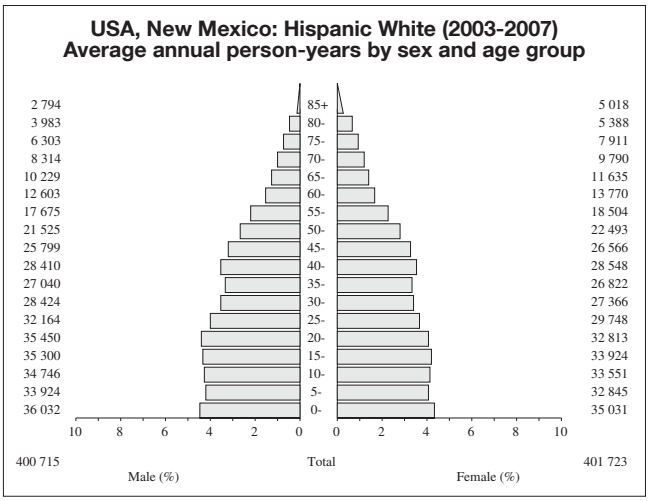


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

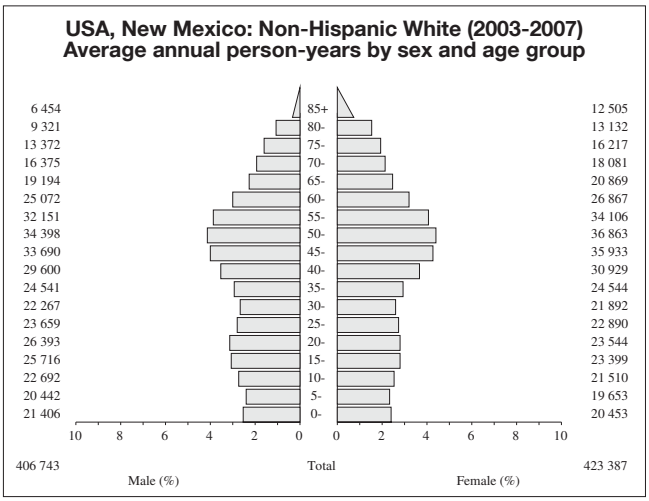
Male		Female	
Prostate	99.4	Breast	77.6
Trachea, bronchus and lung	34.3	Trachea, bronchus and lung	24.6
Colon	20.4	Colon	15.9
Bladder	15.5	Thyroid	15.5
Melanoma of skin	14.1	Corpus uteri	14.1
Non-Hodgkin lymphoma	12.1	Melanoma of skin	9.8
Kidney	11.4	Non-Hodgkin lymphoma	9.7
Rectum	10.6	Ovary	8.9
Liver	8.4	Cervix uteri	6.4
Pancreas	7.4	Rectum	6.4
All sites	318.9	All sites	253.4



NOTES ON THE DATA: *No official mortality data.

USA, NEW MEXICO: HISPANIC WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

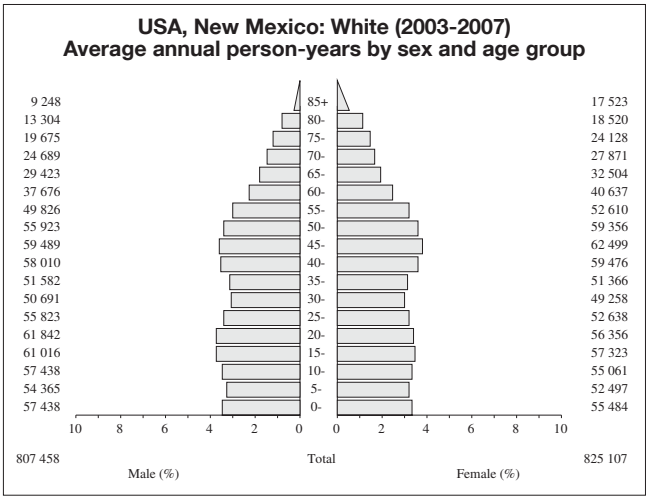
Male		Female	
Prostate	87.3	Breast	68.4
Trachea, bronchus and lung	24.2	Trachea, bronchus and lung	16.4
Colon	20.5	Colon	15.6
Kidney	13.8	Thyroid	14.6
Liver	13.3	Corpus uteri	12.6
Rectum	12.4	Non-Hodgkin lymphoma	8.4
Bladder	10.4	Cervix uteri	7.8
Non-Hodgkin lymphoma	9.3	Ovary	7.8
Stomach	9.2	Kidney	7.3
Pancreas	7.8	Rectum	6.3
All sites	277.3	All sites	224.4



NOTES ON THE DATA: *No official mortality data.

USA, NEW MEXICO: NON-HISPANIC WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	111.7	Breast	88.7
Trachea, bronchus and lung	42.0	Trachea, bronchus and lung	31.3
Melanoma of skin	23.2	Thyroid	18.6
Colon	20.8	Melanoma of skin	16.7
Bladder	19.8	Colon	16.5
Non-Hodgkin lymphoma	15.1	Corpus uteri	15.3
Rectum	10.0	Non-Hodgkin lymphoma	10.9
Kidney	9.3	Ovary	9.8
Lymphoid leukaemia	8.7	Rectum	6.7
Brain, nervous system	7.7	Cervix uteri	5.8
All sites	363.3	All sites	288.2



NOTES ON THE DATA: *No official mortality data.

USA, NEW MEXICO: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	103.2	Breast	81.5
Trachea, bronchus and lung	35.8	Trachea, bronchus and lung	26.1
Colon	20.7	Thyroid	16.6
Bladder	16.5	Colon	16.2
Melanoma of skin	15.4	Corpus uteri	14.4
Non-Hodgkin lymphoma	12.8	Melanoma of skin	11.0
Kidney	11.1	Non-Hodgkin lymphoma	9.9
Rectum	10.7	Ovary	9.1
Liver	8.2	Cervix uteri	6.6
Pancreas	7.5	Rectum	6.6
All sites	330.8	All sites	263.5

USA, New Mexico (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	101	0.5	2.1	**1.5**	0.07	0.20	31	0.2	0.6	**0.4**	0.02	0.04	*C00*
Tongue	163	0.8	3.4	**2.5**	0.20	0.29	65	0.3	1.3	**0.9**	0.07	0.10	*C01-02*
Mouth	96	0.5	2.0	**1.5**	0.10	0.18	66	0.4	1.4	**0.8**	0.04	0.09	*C03-06*
Salivary glands	79	0.4	1.7	**1.2**	0.07	0.14	41	0.2	0.8	**0.5**	0.04	0.06	*C07-08*
Tonsil	91	0.4	1.9	**1.5**	0.13	0.16	20	0.1	0.4	**0.3**	0.02	0.03	*C09*
Other oropharynx	22	0.1	0.5	**0.3**	0.03	0.04	9	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	33	0.2	0.7	**0.6**	0.04	0.06	13	0.1	0.3	**0.1**	0.01	0.01	*C11*
Hypopharynx	53	0.3	1.1	**0.9**	0.06	0.12	8	0.0	0.2	**0.1**	0.00	0.02	*C12-13*
Pharynx unspecified	14	0.1	0.3	**0.2**	0.01	0.03	5	0.0	0.1	**0.0**	0.00	0.01	*C14*
Oesophagus	304	1.4	6.4	**4.5**	0.25	0.58	79	0.4	1.6	**0.9**	0.04	0.10	*C15*
Stomach	460	2.2	9.7	**6.4**	0.29	0.77	278	1.5	5.7	**3.3**	0.17	0.36	*C16*
Small intestine	109	0.5	2.3	**1.7**	0.10	0.19	77	0.4	1.6	**1.0**	0.05	0.12	*C17*
Colon	1427	6.7	30.1	**20.4**	1.00	2.48	1385	7.3	28.5	**15.9**	0.73	1.81	*C18*
Rectum	695	3.3	14.7	**10.6**	0.60	1.31	499	2.6	10.3	**6.4**	0.41	0.74	*C19-20*
Anus	51	0.2	1.1	**0.8**	0.05	0.10	91	0.5	1.9	**1.3**	0.08	0.15	*C21*
Liver	546	2.6	11.5	**8.4**	0.59	0.96	222	1.2	4.6	**2.7**	0.15	0.32	*C22*
Gallbladder etc.	142	0.7	3.0	**2.0**	0.09	0.24	182	1.0	3.8	**2.2**	0.11	0.27	*C23-24*
Pancreas	510	2.4	10.8	**7.4**	0.39	0.90	506	2.7	10.4	**5.7**	0.29	0.67	*C25*
Nose, sinuses etc.	38	0.2	0.8	**0.6**	0.04	0.07	22	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	220	1.0	4.6	**3.3**	0.19	0.44	51	0.3	1.1	**0.7**	0.05	0.09	*C32*
Trachea, bronchus and lung	2450	11.6	51.7	**34.3**	1.41	4.40	2073	11.0	42.7	**24.6**	1.13	3.17	*C33-34*
Other thoracic organs	23	0.1	0.5	**0.4**	0.02	0.04	13	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	49	0.2	1.0	**0.9**	0.06	0.08	52	0.3	1.1	**1.0**	0.07	0.08	*C40-41*
Melanoma of skin	936	4.4	19.8	**14.1**	0.85	1.63	675	3.6	13.9	**9.8**	0.70	1.02	*C43*
Other skin	79		1.7	**1.2**	0.07	0.13	50		1.0	**0.6**	0.04	0.07	*C44*
Mesothelioma	65	0.3	1.4	**0.9**	0.03	0.12	29	0.2	0.6	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	36	0.2	0.8	**0.6**	0.05	0.05	3	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	195	0.9	4.1	**3.1**	0.18	0.28	124	0.7	2.6	**2.0**	0.13	0.18	*C47+C49*
Breast	53	0.3	1.1	**0.8**	0.05	0.08	5555	29.5	114.5	**77.6**	5.53	9.01	*C50*
Vulva							90	0.5	1.9	**1.2**	0.08	0.13	*C51*
Vagina							36	0.2	0.7	**0.4**	0.03	0.05	*C52*
Cervix uteri							394	2.1	8.1	**6.4**	0.49	0.66	*C53*
Corpus uteri							995	5.3	20.5	**14.1**	1.09	1.67	*C54*
Uterus unspecified							30	0.2	0.6	**0.4**	0.02	0.05	*C55*
Ovary							645	3.4	13.3	**8.9**	0.60	1.02	*C56*
Other female genital organs							33	0.2	0.7	**0.5**	0.03	0.05	*C57*
Placenta							2	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	30	0.1	0.6	**0.4**	0.03	0.04							*C60*
Prostate	6596	31.1	139.2	**99.4**	4.96	13.72							*C61*
Testis	270	1.3	5.7	**5.5**	0.41	0.41							*C62*
Other male genital organs	7	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	737	3.5	15.6	**11.4**	0.73	1.37	468	2.5	9.6	**6.3**	0.40	0.73	*C64*
Renal pelvis	21	0.1	0.4	**0.3**	0.01	0.03	12	0.1	0.2	**0.1**	0.01	0.02	*C65*
Ureter	17	0.1	0.4	**0.2**	0.01	0.03	9	0.0	0.2	**0.1**	0.00	0.01	*C66*
Bladder	1124	5.3	23.7	**15.5**	0.64	1.85	382	2.0	7.9	**4.2**	0.18	0.50	*C67*
Other urinary organs	11	0.1	0.2	**0.2**	0.01	0.03	5	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	36	0.2	0.8	**0.6**	0.03	0.06	29	0.2	0.6	**0.5**	0.03	0.05	*C69*
Brain, nervous system	328	1.5	6.9	**5.8**	0.38	0.58	227	1.2	4.7	**3.5**	0.22	0.34	*C70-72*
Thyroid	263	1.2	5.6	**4.2**	0.32	0.46	914	4.8	18.8	**15.5**	1.24	1.49	*C73*
Adrenal gland	7	0.0	0.1	**0.1**	0.01	0.01	12	0.1	0.2	**0.3**	0.01	0.02	*C74*
Other endocrine	4	0.0	0.1	**0.1**	0.00	0.01	5	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	131	0.6	2.8	**2.5**	0.16	0.24	106	0.6	2.2	**1.8**	0.11	0.16	*C81*
Non-Hodgkin lymphoma	808	3.8	17.1	**12.1**	0.61	1.43	753	4.0	15.5	**9.7**	0.53	1.13	*C82-85,C96*
Immunoproliferative diseases	12	0.1	0.3	**0.1**	0.01	0.01	9	0.0	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	290	1.4	6.1	**4.2**	0.22	0.53	221	1.2	4.6	**2.7**	0.15	0.33	*C90*
Lymphoid leukaemia	399	1.9	8.4	**6.9**	0.35	0.68	274	1.5	5.6	**4.1**	0.20	0.39	*C91*
Myeloid leukaemia	283	1.3	6.0	**4.4**	0.23	0.44	225	1.2	4.6	**3.3**	0.20	0.33	*C92-94*
Leukaemia unspecified	29	0.1	0.6	**0.4**	0.01	0.04	34	0.2	0.7	**0.5**	0.02	0.04	*C95*
Myeloproliferative disorders	179	0.8	3.8	**2.8**	0.17	0.30	168	0.9	3.5	**2.2**	0.13	0.22	*MPD*
Myelodysplastic syndromes	187	0.9	3.9	**2.4**	0.09	0.24	140	0.7	2.9	**1.6**	0.07	0.19	*MDS*
Other and unspecified	463	2.2	9.8	**6.5**	0.31	0.76	460	2.4	9.5	**5.3**	0.26	0.61	*O&U*
All sites	21272		449.1	**318.9**	16.74	39.37	18902		389.5	**253.4**	16.05	28.79	*C00-96*
All sites except C44	21193	100.0	447.4	**317.6**	16.66	39.24	18852	100.0	388.5	**252.8**	16.01	28.73	*C00-96 exc. C44*

§Includes 2 cases of unknown age

*USA, New Mexico: Hispanic White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	18	0.3	0.9	**0.9**	0.04	0.11	4	0.1	0.2	**0.1**	0.01	0.01	*C00*
Tongue	34	0.6	1.7	**1.7**	0.13	0.19	15	0.3	0.7	**0.7**	0.08	0.08	*C01-02*
Mouth	29	0.5	1.4	**1.4**	0.10	0.14	16	0.3	0.8	**0.6**	0.04	0.05	*C03-06*
Salivary glands	19	0.3	0.9	**0.8**	0.03	0.07	14	0.3	0.7	**0.5**	0.04	0.04	*C07-08*
Tonsil	21	0.4	1.0	**1.0**	0.08	0.11	8	0.1	0.4	**0.3**	0.02	0.04	*C09*
Other oropharynx	4	0.1	0.2	**0.2**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	12	0.2	0.6	**0.6**	0.04	0.06	4	0.1	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	18	0.3	0.9	**0.9**	0.06	0.12	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.0	0.1	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	79	1.3	3.9	**3.6**	0.18	0.46	16	0.3	0.8	**0.7**	0.03	0.09	*C15*
Stomach	208	3.5	10.4	**9.2**	0.46	1.09	133	2.4	6.6	**4.8**	0.24	0.52	*C16*
Small intestine	44	0.7	2.2	**2.1**	0.14	0.22	28	0.5	1.4	**1.0**	0.03	0.14	*C17*
Colon	448	7.6	22.4	**20.5**	1.06	2.57	420	7.7	20.9	**15.6**	0.81	1.82	*C18*
Rectum	260	4.4	13.0	**12.4**	0.66	1.66	158	2.9	7.9	**6.3**	0.36	0.74	*C19-20*
Anus	7	0.1	0.3	**0.3**	0.02	0.02	21	0.4	1.0	**0.9**	0.06	0.10	*C21*
Liver	279	4.7	13.9	**13.3**	0.89	1.57	87	1.6	4.3	**3.4**	0.16	0.45	*C22*
Gallbladder etc.	43	0.7	2.1	**1.8**	0.05	0.22	68	1.2	3.4	**2.5**	0.11	0.29	*C23-24*
Pancreas	165	2.8	8.2	**7.8**	0.43	0.95	162	3.0	8.1	**6.0**	0.31	0.69	*C25*
Nose, sinuses etc.	12	0.2	0.6	**0.6**	0.04	0.07	7	0.1	0.3	**0.3**	0.02	0.03	*C30-31*
Larynx	68	1.1	3.4	**3.2**	0.16	0.45	13	0.2	0.6	**0.5**	0.04	0.07	*C32*
Trachea, bronchus and lung	547	9.2	27.3	**24.2**	1.00	2.90	431	7.9	21.5	**16.4**	0.77	2.08	*C33-34*
Other thoracic organs	12	0.2	0.6	**0.5**	0.02	0.05	6	0.1	0.3	**0.2**	0.01	0.01	*C37-38*
Bone	17	0.3	0.8	**0.8**	0.05	0.07	24	0.4	1.2	**1.1**	0.08	0.09	*C40-41*
Melanoma of skin	58	1.0	2.9	**2.6**	0.15	0.30	76	1.4	3.8	**3.2**	0.22	0.33	*C43*
Other skin	18		0.9	**0.8**	0.06	0.07	9		0.4	**0.3**	0.01	0.03	*C44*
Mesothelioma	24	0.4	1.2	**1.1**	0.04	0.17	12	0.2	0.6	**0.4**	0.03	0.05	*C45*
Kaposi sarcoma	19	0.3	0.9	**0.8**	0.05	0.07	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	51	0.9	2.5	**2.3**	0.15	0.23	41	0.7	2.0	**1.8**	0.14	0.16	*C47+C49*
Breast	12	0.2	0.6	**0.6**	0.05	0.06	1601	29.3	79.7	**68.4**	5.06	7.65	*C50*
Vulva							19	0.3	0.9	**0.7**	0.04	0.08	*C51*
Vagina							14	0.3	0.7	**0.6**	0.04	0.07	*C52*
Cervix uteri							176	3.2	8.8	**7.8**	0.60	0.80	*C53*
Corpus uteri							289	5.3	14.4	**12.6**	0.99	1.46	*C54*
Uterus unspecified							10	0.2	0.5	**0.4**	0.02	0.04	*C55*
Ovary							186	3.4	9.3	**7.8**	0.50	0.87	*C56*
Other female genital organs							9	0.2	0.4	**0.3**	0.01	0.03	*C57*
Placenta							1	0.0	0.0	**0.1**	0.00	0.00	*C58*
Penis	16	0.3	0.8	**0.8**	0.06	0.07							*C60*
Prostate	1820	30.8	90.8	**87.3**	4.12	11.96							*C61*
Testis	102	1.7	5.1	**4.7**	0.34	0.36							*C62*
Other male genital organs	2	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	291	4.9	14.5	**13.8**	0.94	1.65	179	3.3	8.9	**7.3**	0.51	0.80	*C64*
Renal pelvis	9	0.2	0.4	**0.4**	0.02	0.03	2	0.0	0.1	**0.1**	0.01	0.01	*C65*
Ureter	5	0.1	0.2	**0.3**	0.01	0.05	3	0.1	0.1	**0.1**	0.00	0.01	*C66*
Bladder	225	3.8	11.2	**10.4**	0.53	1.28	89	1.6	4.4	**3.2**	0.13	0.35	*C67*
Other urinary organs	2	0.0	0.1	**0.1**	0.00	0.02	3	0.1	0.1	**0.1**	0.00	0.01	*C68*
Eye	6	0.1	0.3	**0.3**	0.02	0.02	7	0.1	0.3	**0.4**	0.02	0.03	*C69*
Brain, nervous system	89	1.5	4.4	**4.4**	0.32	0.47	63	1.2	3.1	**2.9**	0.20	0.27	*C70-72*
Thyroid	70	1.2	3.5	**3.3**	0.23	0.39	324	5.9	16.1	**14.6**	1.17	1.42	*C73*
Adrenal gland	3	0.1	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.00	0.00	*C74*
Other endocrine	3	0.1	0.1	**0.1**	0.01	0.02	3	0.1	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	39	0.7	1.9	**1.8**	0.11	0.18	42	0.8	2.1	**1.8**	0.12	0.16	*C81*
Non-Hodgkin lymphoma	204	3.4	10.2	**9.3**	0.46	1.08	216	3.9	10.8	**8.4**	0.44	0.93	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	94	1.6	4.7	**4.4**	0.25	0.53	84	1.5	4.2	**3.4**	0.22	0.42	*C90*
Lymphoid leukaemia	103	1.7	5.1	**5.3**	0.29	0.47	72	1.3	3.6	**3.4**	0.16	0.29	*C91*
Myeloid leukaemia	92	1.6	4.6	**4.3**	0.26	0.43	60	1.1	3.0	**2.5**	0.17	0.26	*C92-94*
Leukaemia unspecified	7	0.1	0.3	**0.3**	0.01	0.04	12	0.2	0.6	**0.5**	0.01	0.04	*C95*
Myeloproliferative disorders	47	0.8	2.3	**2.1**	0.13	0.23	48	0.9	2.4	**1.9**	0.14	0.19	*MPD*
Myelodysplastic syndromes	53	0.9	2.6	**2.3**	0.09	0.20	42	0.8	2.1	**1.5**	0.05	0.18	*MDS*
Other and unspecified	123	2.1	6.1	**5.3**	0.22	0.56	149	2.7	7.4	**5.4**	0.30	0.58	*O&U*
All sites	5935		296.2	**277.3**	14.62	34.06	5481		272.9	**224.4**	14.56	24.86	*C00-96*
All sites except C44	5917	100.0	295.3	**276.4**	14.56	33.98	5472	100.0	272.4	**224.1**	14.55	24.84	*C00-96 exc. C44*

§Includes 1 case of unknown age

*See note following population pyramid

*USA, New Mexico: Non-Hispanic White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	82	0.6	4.0	**2.1**	0.09	0.27	25	0.2	1.2	**0.5**	0.02	0.06	*C00*
Tongue	126	0.9	6.2	**3.4**	0.27	0.39	46	0.4	2.2	**1.1**	0.07	0.13	*C01-02*
Mouth	59	0.4	2.9	**1.6**	0.10	0.20	47	0.4	2.2	**0.9**	0.05	0.11	*C03-06*
Salivary glands	56	0.4	2.8	**1.6**	0.10	0.19	23	0.2	1.1	**0.6**	0.03	0.06	*C07-08*
Tonsil	65	0.5	3.2	**1.9**	0.17	0.21	12	0.1	0.6	**0.3**	0.03	0.03	*C09*
Other oropharynx	16	0.1	0.8	**0.4**	0.04	0.05	8	0.1	0.4	**0.2**	0.01	0.02	*C10*
Nasopharynx	17	0.1	0.8	**0.5**	0.04	0.06	7	0.1	0.3	**0.1**	0.01	0.01	*C11*
Hypopharynx	33	0.2	1.6	**0.9**	0.07	0.13	8	0.1	0.4	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	12	0.1	0.6	**0.3**	0.02	0.04	5	0.0	0.2	**0.1**	0.00	0.02	*C14*
Oesophagus	210	1.5	10.3	**5.2**	0.31	0.69	59	0.5	2.8	**1.0**	0.04	0.12	*C15*
Stomach	192	1.4	9.4	**4.4**	0.17	0.53	110	0.9	5.2	**2.4**	0.12	0.26	*C16*
Small intestine	59	0.4	2.9	**1.6**	0.09	0.18	44	0.4	2.1	**1.0**	0.06	0.13	*C17*
Colon	885	6.3	43.5	**20.8**	0.95	2.52	866	7.2	40.9	**16.5**	0.73	1.86	*C18*
Rectum	384	2.7	18.9	**10.0**	0.58	1.18	305	2.5	14.4	**6.7**	0.45	0.77	*C19-20*
Anus	42	0.3	2.1	**1.2**	0.07	0.15	64	0.5	3.0	**1.6**	0.11	0.20	*C21*
Liver	206	1.5	10.1	**5.2**	0.36	0.59	92	0.8	4.3	**1.8**	0.11	0.19	*C22*
Gallbladder etc.	77	0.5	3.8	**1.8**	0.08	0.22	70	0.6	3.3	**1.4**	0.07	0.19	*C23-24*
Pancreas	309	2.2	15.2	**7.4**	0.39	0.91	302	2.5	14.3	**5.6**	0.29	0.66	*C25*
Nose, sinuses etc.	23	0.2	1.1	**0.7**	0.05	0.08	14	0.1	0.7	**0.3**	0.03	0.03	*C30-31*
Larynx	146	1.0	7.2	**3.7**	0.23	0.48	38	0.3	1.8	**0.9**	0.06	0.12	*C32*
Trachea, bronchus and lung	1789	12.7	88.0	**42.0**	1.77	5.48	1561	13.0	73.7	**31.3**	1.45	4.09	*C33-34*
Other thoracic organs	10	0.1	0.5	**0.4**	0.02	0.04	6	0.0	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	27	0.2	1.3	**1.2**	0.08	0.09	23	0.2	1.1	**0.9**	0.07	0.08	*C40-41*
Melanoma of skin	866	6.2	42.6	**23.2**	1.45	2.67	590	4.9	27.9	**16.7**	1.22	1.72	*C43*
Other skin	59		2.9	**1.6**	0.09	0.18	33		1.6	**0.7**	0.05	0.07	*C44*
Mesothelioma	34	0.2	1.7	**0.7**	0.02	0.08	15	0.1	0.7	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	12	0.1	0.6	**0.5**	0.04	0.04	2	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	135	1.0	6.6	**4.2**	0.24	0.37	73	0.6	3.4	**2.7**	0.16	0.22	*C47+C49*
Breast	38	0.3	1.9	**0.9**	0.05	0.10	3610	30.0	170.5	**88.7**	6.25	10.47	*C50*
Vulva							58	0.5	2.7	**1.4**	0.10	0.15	*C51*
Vagina							20	0.2	0.9	**0.4**	0.02	0.04	*C52*
Cervix uteri							172	1.4	8.1	**5.8**	0.45	0.57	*C53*
Corpus uteri							626	5.2	29.6	**15.3**	1.16	1.84	*C54*
Uterus unspecified							18	0.1	0.9	**0.5**	0.03	0.07	*C55*
Ovary							398	3.3	18.8	**9.8**	0.67	1.13	*C56*
Other female genital organs							22	0.2	1.0	**0.6**	0.04	0.06	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	9	0.1	0.4	**0.2**	0.01	0.02							*C60*
Prostate	4435	31.6	218.1	**111.7**	5.77	15.50							*C61*
Testis	137	1.0	6.7	**7.1**	0.53	0.53							*C62*
Other male genital organs	5	0.0	0.2	**0.2**	0.01	0.01							*C63*
Kidney	357	2.5	17.6	**9.3**	0.57	1.14	228	1.9	10.8	**5.3**	0.32	0.63	*C64*
Renal pelvis	12	0.1	0.6	**0.3**	0.01	0.04	10	0.1	0.5	**0.2**	0.01	0.02	*C65*
Ureter	11	0.1	0.5	**0.2**	0.01	0.02	6	0.0	0.3	**0.1**	0.00	0.00	*C66*
Bladder	869	6.2	42.7	**19.8**	0.79	2.37	279	2.3	13.2	**5.2**	0.23	0.62	*C67*
Other urinary organs	8	0.1	0.4	**0.2**	0.01	0.03	2	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	29	0.2	1.4	**0.9**	0.04	0.09	21	0.2	1.0	**0.9**	0.04	0.07	*C69*
Brain, nervous system	213	1.5	10.5	**7.7**	0.49	0.72	146	1.2	6.9	**4.4**	0.27	0.44	*C70-72*
Thyroid	180	1.3	8.9	**5.5**	0.44	0.57	524	4.3	24.8	**18.6**	1.48	1.75	*C73*
Adrenal gland	4	0.0	0.2	**0.2**	0.01	0.02	9	0.1	0.4	**0.5**	0.02	0.03	*C74*
Other endocrine	1	0.0	0.0	**0.1**	0.00	0.00	2	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	82	0.6	4.0	**3.6**	0.23	0.31	58	0.5	2.7	**2.3**	0.14	0.20	*C81*
Non-Hodgkin lymphoma	568	4.0	27.9	**15.1**	0.78	1.73	478	4.0	22.6	**10.9**	0.59	1.28	*C82-85,C96*
Immunoproliferative diseases	10	0.1	0.5	**0.2**	0.01	0.02	8	0.1	0.4	**0.2**	0.02	0.02	*C88*
Multiple myeloma	174	1.2	8.6	**4.2**	0.21	0.55	117	1.0	5.5	**2.3**	0.11	0.29	*C90*
Lymphoid leukaemia	274	2.0	13.5	**8.7**	0.44	0.86	182	1.5	8.6	**4.8**	0.24	0.46	*C91*
Myeloid leukaemia	179	1.3	8.8	**4.8**	0.23	0.48	143	1.2	6.8	**3.7**	0.23	0.39	*C92-94*
Leukaemia unspecified	20	0.1	1.0	**0.4**	0.01	0.03	22	0.2	1.0	**0.6**	0.02	0.05	*C95*
Myeloproliferative disorders	123	0.9	6.0	**3.6**	0.21	0.37	111	0.9	5.2	**2.5**	0.14	0.27	*MPD*
Myelodysplastic syndromes	128	0.9	6.3	**2.8**	0.10	0.29	92	0.8	4.3	**1.9**	0.08	0.22	*MDS*
Other and unspecified	303	2.2	14.9	**7.2**	0.35	0.83	275	2.3	13.0	**5.5**	0.25	0.63	*O&U*
All sites	14100		693.3	**363.3**	19.23	44.69	12085		570.9	**288.2**	18.19	32.92	*C00-96*
All sites except C44	14041	100.0	690.4	**361.7**	19.14	44.51	12052	100.0	569.3	**287.5**	18.14	32.85	*C00-96 exc. C44*

*See note following population pyramid

*USA, New Mexico: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	100	0.5	2.5	**1.6**	0.07	0.22	29	0.2	0.7	**0.4**	0.02	0.04	*C00*
Tongue	160	0.8	4.0	**2.7**	0.21	0.32	61	0.3	1.5	**0.9**	0.07	0.11	*C01-02*
Mouth	88	0.4	2.2	**1.5**	0.10	0.18	63	0.4	1.5	**0.8**	0.04	0.09	*C03-06*
Salivary glands	75	0.4	1.9	**1.3**	0.07	0.15	37	0.2	0.9	**0.5**	0.04	0.05	*C07-08*
Tonsil	86	0.4	2.1	**1.5**	0.13	0.17	20	0.1	0.5	**0.3**	0.02	0.03	*C09*
Other oropharynx	20	0.1	0.5	**0.4**	0.03	0.04	9	0.1	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	29	0.1	0.7	**0.6**	0.04	0.06	11	0.1	0.3	**0.1**	0.01	0.01	*C11*
Hypopharynx	51	0.3	1.3	**0.9**	0.07	0.13	8	0.0	0.2	**0.1**	0.00	0.02	*C12-13*
Pharynx unspecified	14	0.1	0.3	**0.2**	0.02	0.04	5	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	289	1.4	7.2	**4.7**	0.27	0.61	75	0.4	1.8	**0.9**	0.04	0.11	*C15*
Stomach	400	2.0	9.9	**6.1**	0.28	0.72	243	1.4	5.9	**3.2**	0.17	0.35	*C16*
Small intestine	103	0.5	2.6	**1.7**	0.11	0.20	72	0.4	1.7	**1.0**	0.05	0.13	*C17*
Colon	1333	6.7	33.0	**20.7**	0.99	2.54	1286	7.3	31.2	**16.2**	0.75	1.84	*C18*
Rectum	644	3.2	16.0	**10.7**	0.60	1.34	463	2.6	11.2	**6.6**	0.42	0.76	*C19-20*
Anus	49	0.2	1.2	**0.8**	0.05	0.11	85	0.5	2.1	**1.3**	0.09	0.16	*C21*
Liver	485	2.4	12.0	**8.2**	0.57	0.95	179	1.0	4.3	**2.4**	0.13	0.28	*C22*
Gallbladder etc.	120	0.6	3.0	**1.8**	0.07	0.22	138	0.8	3.3	**1.8**	0.09	0.23	*C23-24*
Pancreas	474	2.4	11.7	**7.5**	0.41	0.92	464	2.6	11.2	**5.8**	0.30	0.67	*C25*
Nose, sinuses etc.	35	0.2	0.9	**0.6**	0.04	0.07	21	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	214	1.1	5.3	**3.5**	0.20	0.47	51	0.3	1.2	**0.8**	0.05	0.10	*C32*
Trachea, bronchus and lung	2336	11.7	57.9	**35.8**	1.49	4.59	1992	11.4	48.3	**26.1**	1.20	3.37	*C33-34*
Other thoracic organs	22	0.1	0.5	**0.5**	0.02	0.04	12	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	44	0.2	1.1	**1.0**	0.07	0.08	47	0.3	1.1	**1.0**	0.07	0.08	*C40-41*
Melanoma of skin	924	4.6	22.9	**15.4**	0.94	1.79	666	3.8	16.1	**11.0**	0.79	1.15	*C43*
Other skin	77		1.9	**1.3**	0.08	0.14	42		1.0	**0.6**	0.04	0.06	*C44*
Mesothelioma	58	0.3	1.4	**0.9**	0.03	0.11	27	0.2	0.7	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	31	0.2	0.8	**0.6**	0.05	0.05	3	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	186	0.9	4.6	**3.4**	0.19	0.31	114	0.7	2.8	**2.2**	0.14	0.19	*C47+C49*
Breast	50	0.3	1.2	**0.8**	0.05	0.08	5211	29.7	126.3	**81.5**	5.83	9.47	*C50*
Vulva							77	0.4	1.9	**1.1**	0.08	0.13	*C51*
Vagina							34	0.2	0.8	**0.5**	0.03	0.05	*C52*
Cervix uteri							348	2.0	8.4	**6.6**	0.51	0.66	*C53*
Corpus uteri							915	5.2	22.2	**14.4**	1.10	1.71	*C54*
Uterus unspecified							28	0.2	0.7	**0.4**	0.03	0.05	*C55*
Ovary							584	3.3	14.2	**9.1**	0.61	1.04	*C56*
Other female genital organs							31	0.2	0.8	**0.5**	0.03	0.05	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	25	0.1	0.6	**0.4**	0.03	0.04							*C60*
Prostate	6255	31.3	154.9	**103.2**	5.19	14.28							*C61*
Testis	239	1.2	5.9	**5.8**	0.43	0.44							*C62*
Other male genital organs	7	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	648	3.2	16.1	**11.1**	0.72	1.33	407	2.3	9.9	**6.0**	0.39	0.69	*C64*
Renal pelvis	21	0.1	0.5	**0.3**	0.02	0.04	12	0.1	0.3	**0.1**	0.01	0.02	*C65*
Ureter	16	0.1	0.4	**0.2**	0.01	0.03	9	0.1	0.2	**0.1**	0.00	0.01	*C66*
Bladder	1094	5.5	27.1	**16.5**	0.69	1.99	368	2.1	8.9	**4.5**	0.19	0.52	*C67*
Other urinary organs	10	0.1	0.2	**0.2**	0.01	0.03	5	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	35	0.2	0.9	**0.7**	0.03	0.06	28	0.2	0.7	**0.6**	0.03	0.05	*C69*
Brain, nervous system	302	1.5	7.5	**6.1**	0.40	0.60	209	1.2	5.1	**3.7**	0.24	0.37	*C70-72*
Thyroid	250	1.3	6.2	**4.5**	0.35	0.49	848	4.8	20.6	**16.6**	1.32	1.59	*C73*
Adrenal gland	7	0.0	0.2	**0.2**	0.01	0.01	11	0.1	0.3	**0.3**	0.01	0.02	*C74*
Other endocrine	4	0.0	0.1	**0.1**	0.01	0.01	5	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	121	0.6	3.0	**2.7**	0.17	0.25	100	0.6	2.4	**2.0**	0.13	0.17	*C81*
Non-Hodgkin lymphoma	772	3.9	19.1	**12.8**	0.65	1.49	694	4.0	16.8	**9.9**	0.54	1.15	*C82-85,C96*
Immunoproliferative diseases	12	0.1	0.3	**0.2**	0.01	0.01	9	0.1	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	268	1.3	6.6	**4.3**	0.23	0.55	201	1.1	4.9	**2.7**	0.15	0.34	*C90*
Lymphoid leukaemia	377	1.9	9.3	**7.4**	0.38	0.72	254	1.4	6.2	**4.3**	0.21	0.40	*C91*
Myeloid leukaemia	271	1.4	6.7	**4.6**	0.24	0.47	203	1.2	4.9	**3.2**	0.21	0.34	*C92-94*
Leukaemia unspecified	27	0.1	0.7	**0.4**	0.01	0.04	34	0.2	0.8	**0.6**	0.02	0.05	*C95*
Myeloproliferative disorders	170	0.9	4.2	**2.9**	0.18	0.32	159	0.9	3.9	**2.3**	0.14	0.24	*MPD*
Myelodysplastic syndromes	181	0.9	4.5	**2.6**	0.09	0.26	134	0.8	3.2	**1.7**	0.07	0.20	*MDS*
Other and unspecified	426	2.1	10.6	**6.6**	0.31	0.74	424	2.4	10.3	**5.4**	0.26	0.61	*O&U*
All sites	20035		496.2	**330.8**	17.43	40.83	17566		425.8	**263.5**	16.74	29.91	*C00-96*
All sites except C44	19958	100.0	494.3	**329.5**	17.35	40.69	17524	100.0	424.8	**262.9**	16.71	29.85	*C00-96 exc. C44*

§Includes 1 case of unknown age

*See note following population pyramid

USA, New York State

REGISTRATION AREA

The New York State Cancer Registry (NYSCR) covers the state of New York. In 2005, the population was approximately 19 million; 66% Caucasian, 16% African-American, 0.5% American Indian, 7% Asian, and 17% Hispanic (of any race).

CANCER CARE FACILITIES

New York residents have access to almost 250 acute care hospitals, including 21 Community Hospital Comprehensive Cancer Programs and three National Cancer Institute (NCI)-designated Comprehensive Cancer Centers. There are 57 ambulatory surgery centres, 70 radiation treatment centres, 13 Veterans Health Administration hospitals, and many private physicians' offices that provide cancer services and report to the NYSCR. In addition to private insurance and federal Medicare, the state provides generous coverage to indigent residents through Medicaid. New York City has an extensive public hospital system.

REGISTRY STRUCTURE AND METHODS

The NYSCR was established by public health law in 1940 and is the second oldest central cancer registry in the USA. It has been population-based since 1976. The registry is located within the New York State Department of Health and is funded partly by the state and partly by the National Program of Cancer Registries (NPCR). The registry staff includes 24 certified tumour registrars. Notification is initiated by the reporting facilities. Encrypted reports (which include full personal identifiers and are mostly precoded) are received electronically in standard North American Association of Central Cancer Registries (NAACCR) formats. The addresses of all cases are geocoded to provide detailed geographical information for cancer surveillance and mapping.

INTERPRETING THE RESULTS

Screening for breast, cervical, colorectal, and prostate cancers is widespread in New York. According to the 2010 Behavioral Risk Factor Surveillance System, 78% of women aged 40 years or older had received a mammogram within the previous 2 years, 84% of women aged 18 years or older had undergone a Pap test within the previous 3 years, 68% of residents aged 50 years or older had received a sigmoidoscopy or colonoscopy within the previous 10 years, and 58% of men aged 40 years or older had undergone a prostate-specific antigen (PSA) test within the previous 2 years.

USE OF THE DATA

The registry annually prepares numerous tables of cancer statistics, which are available from http://www.health.ny.gov/statistics/cancer/registry/. The data are used extensively by public health programmes and health care providers for programme planning and evaluation. NYSCR data are also used by researchers throughout the USA for a variety of epidemiological studies.

CONTRIBUTORS

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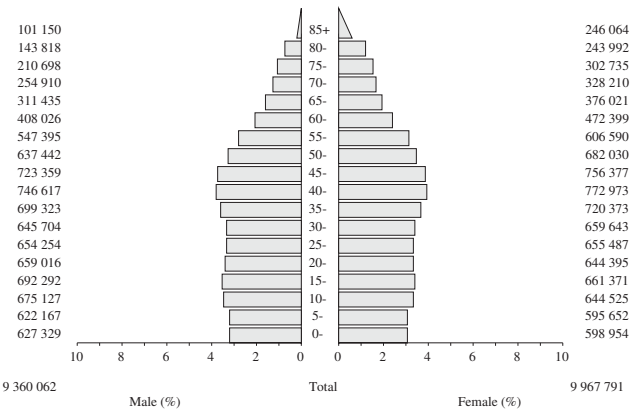
USA, New York State (2003-2007)
Average annual person-years by sex and age group

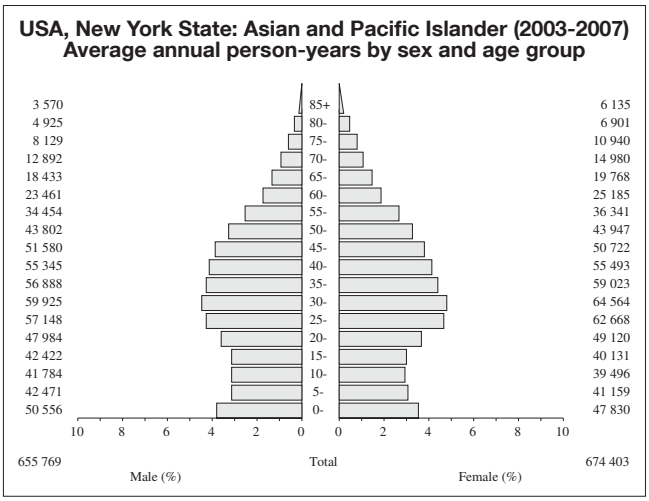


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

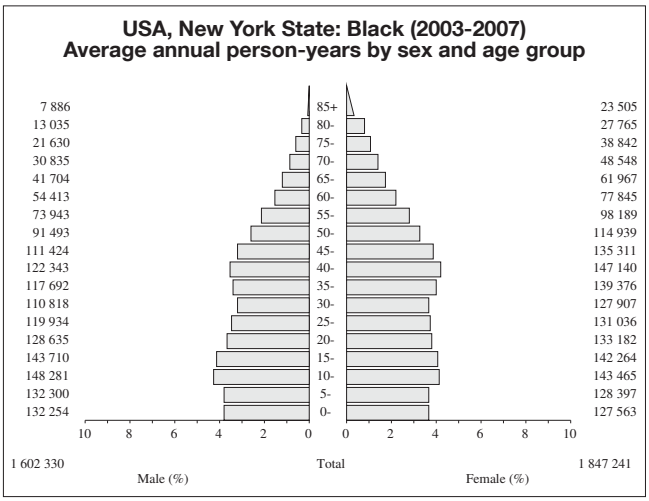
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	113.9	Breast	87.7
Trachea, bronchus and lung	48.4	Trachea, bronchus and lung	35.2
Bladder	24.3	Corpus uteri	20.5
Colon	24.1	Colon	19.3
Non-Hodgkin lymphoma	17.0	Thyroid	14.6
Kidney	13.8	Non-Hodgkin lymphoma	11.9
Melanoma of skin	12.6	Ovary	9.9
Rectum	11.3	Melanoma of skin	8.8
Pancreas	8.9	Rectum	7.3
Liver	8.4	Cervix uteri	6.7
All sites	380.0	All sites	299.3



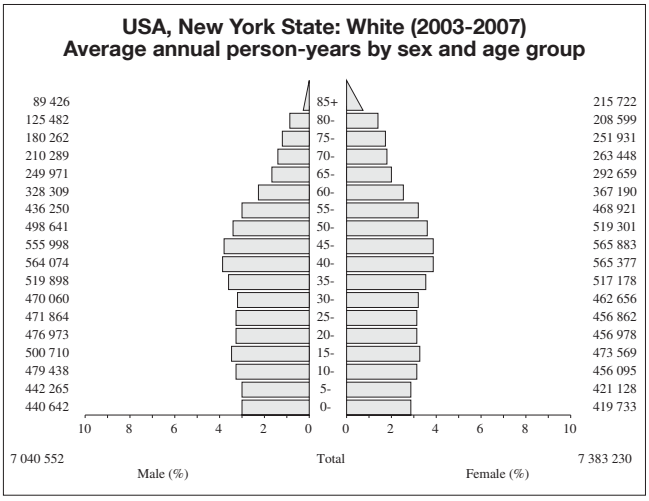
USA, NEW YORK STATE: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	32.1	Breast	47.4
Trachea, bronchus and lung	27.4	Trachea, bronchus and lung	15.3
Liver	16.1	Thyroid	13.6
Colon	15.4	Colon	12.7
Stomach	13.8	Corpus uteri	9.8
Rectum	8.3	Rectum	6.6
Bladder	7.7	Stomach	6.3
Non-Hodgkin lymphoma	6.4	Ovary	5.8
Kidney	4.8	Cervix uteri	5.7
Nasopharynx	4.3	Liver	4.7
All sites	177.2	All sites	165.8



USA, NEW YORK STATE: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	176.2	Breast	74.7
Trachea, bronchus and lung	48.7	Trachea, bronchus and lung	27.2
Colon	27.2	Colon	21.8
Non-Hodgkin lymphoma	13.1	Corpus uteri	17.3
Kidney	12.0	Cervix uteri	9.6
Liver	11.7	Non-Hodgkin lymphoma	9.3
Stomach	10.5	Thyroid	7.8
Bladder	10.4	Rectum	7.1
Rectum	10.2	Pancreas	7.1
Pancreas	9.3	Ovary	6.9
All sites	409.7	All sites	256.3



USA, NEW YORK STATE: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	106.2	Breast	90.9
Trachea, bronchus and lung	49.4	Trachea, bronchus and lung	37.9
Bladder	27.2	Corpus uteri	21.4
Colon	23.7	Colon	18.7
Non-Hodgkin lymphoma	17.8	Thyroid	15.8
Melanoma of skin	14.9	Non-Hodgkin lymphoma	12.6
Kidney	14.4	Melanoma of skin	10.7
Rectum	11.3	Ovary	10.6
Pancreas	9.1	Bladder	7.6
Lymphoid leukaemia	7.5	Rectum	7.2
All sites	380.9	All sites	310.5

USA, New York State (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	282	0.1	0.6	**0.4**	0.02	0.04	115	0.0	0.2	**0.1**	0.01	0.01	*C00*
Tongue	1922	0.8	4.1	**3.0**	0.22	0.38	851	0.3	1.7	**1.1**	0.07	0.13	*C01-02*
Mouth	1278	0.5	2.7	**2.0**	0.13	0.23	922	0.4	1.8	**1.0**	0.06	0.12	*C03-06*
Salivary glands	714	0.3	1.5	**1.0**	0.05	0.10	594	0.2	1.2	**0.8**	0.05	0.08	*C07-08*
Tonsil	1180	0.5	2.5	**1.9**	0.16	0.23	306	0.1	0.6	**0.4**	0.03	0.05	*C09*
Other oropharynx	370	0.1	0.8	**0.6**	0.04	0.08	119	0.0	0.2	**0.2**	0.01	0.02	*C10*
Nasopharynx	498	0.2	1.1	**0.8**	0.06	0.09	247	0.1	0.5	**0.4**	0.03	0.04	*C11*
Hypopharynx	534	0.2	1.1	**0.8**	0.05	0.10	143	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	97	0.0	0.2	**0.1**	0.01	0.02	71	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	3879	1.5	8.3	**5.7**	0.31	0.72	1410	0.6	2.8	**1.4**	0.07	0.17	*C15*
Stomach	5675	2.2	12.1	**8.1**	0.40	0.96	3981	1.6	8.0	**4.1**	0.21	0.46	*C16*
Small intestine	1087	0.4	2.3	**1.6**	0.10	0.19	1025	0.4	2.1	**1.2**	0.07	0.14	*C17*
Colon	17490	6.9	37.4	**24.1**	1.11	2.75	19723	8.0	39.6	**19.3**	0.91	2.16	*C18*
Rectum	7653	3.0	16.4	**11.3**	0.65	1.34	6580	2.7	13.2	**7.3**	0.44	0.84	*C19-20*
Anus	745	0.3	1.6	**1.1**	0.08	0.12	996	0.4	2.0	**1.2**	0.09	0.14	*C21*
Liver	5505	2.2	11.8	**8.4**	0.56	1.02	2262	0.9	4.5	**2.6**	0.14	0.30	*C22*
Gallbladder etc.	1428	0.6	3.1	**1.9**	0.08	0.22	1988	0.8	4.0	**1.9**	0.08	0.23	*C23-24*
Pancreas	6340	2.5	13.5	**8.9**	0.44	1.05	6994	2.8	14.0	**6.7**	0.31	0.77	*C25*
Nose, sinuses etc.	377	0.1	0.8	**0.6**	0.04	0.06	313	0.1	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	3240	1.3	6.9	**4.9**	0.31	0.63	901	0.4	1.8	**1.1**	0.07	0.14	*C32*
Trachea, bronchus and lung	34020	13.3	72.7	**48.4**	2.23	6.03	31723	12.8	63.7	**35.2**	1.79	4.47	*C33-34*
Other thoracic organs	321	0.1	0.7	**0.5**	0.04	0.06	281	0.1	0.6	**0.4**	0.03	0.04	*C37-38*
Bone	616	0.2	1.3	**1.2**	0.08	0.10	587	0.2	1.2	**1.1**	0.07	0.09	*C40-41*
Melanoma of skin	8365	3.3	17.9	**12.6**	0.75	1.40	6540	2.6	13.1	**8.8**	0.62	0.90	*C43*
Other skin	763		1.6	**1.1**	0.06	0.11	719		1.4	**0.9**	0.06	0.09	*C44*
Mesothelioma	757	0.3	1.6	**1.0**	0.04	0.11	246	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	817	0.3	1.7	**1.3**	0.10	0.12	162	0.1	0.3	**0.2**	0.01	0.02	*C46*
Connective and soft tissue	1800	0.7	3.8	**2.9**	0.17	0.29	1426	0.6	2.9	**2.0**	0.13	0.19	*C47+C49*
Breast	587	0.2	1.3	**0.8**	0.04	0.10	68540	27.6	137.5	**87.7**	6.21	10.05	*C50*
Vulva							1346	0.5	2.7	**1.4**	0.08	0.15	*C51*
Vagina							403	0.2	0.8	**0.5**	0.03	0.05	*C52*
Cervix uteri							4605	1.9	9.2	**6.7**	0.53	0.68	*C53*
Corpus uteri							15888	6.4	31.9	**20.5**	1.46	2.56	*C54*
Uterus unspecified							486	0.2	1.0	**0.6**	0.04	0.06	*C55*
Ovary							7781	3.1	15.6	**9.9**	0.68	1.12	*C56*
Other female genital organs							418	0.2	0.8	**0.5**	0.03	0.06	*C57*
Placenta							64	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	392	0.2	0.8	**0.6**	0.03	0.07							*C60*
Prostate	75061	29.4	160.4	**113.9**	5.96	15.42							*C61*
Testis	2608	1.0	5.6	**5.1**	0.38	0.39							*C62*
Other male genital organs	117	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	8965	3.5	19.2	**13.8**	0.84	1.65	5404	2.2	10.8	**6.7**	0.40	0.79	*C64*
Renal pelvis	488	0.2	1.0	**0.7**	0.02	0.08	355	0.1	0.7	**0.3**	0.01	0.04	*C65*
Ureter	364	0.1	0.8	**0.5**	0.02	0.06	220	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	17876	7.0	38.2	**24.3**	0.99	2.82	6631	2.7	13.3	**6.7**	0.32	0.79	*C67*
Other urinary organs	239	0.1	0.5	**0.3**	0.01	0.03	116	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	525	0.2	1.1	**0.9**	0.05	0.09	467	0.2	0.9	**0.7**	0.04	0.07	*C69*
Brain, nervous system	3672	1.4	7.8	**6.5**	0.40	0.62	3066	1.2	6.2	**4.7**	0.29	0.44	*C70-72*
Thyroid	2973	1.2	6.4	**5.0**	0.37	0.53	9246	3.7	18.6	**14.6**	1.15	1.41	*C73*
Adrenal gland	191	0.1	0.4	**0.5**	0.02	0.03	227	0.1	0.5	**0.5**	0.03	0.03	*C74*
Other endocrine	97	0.0	0.2	**0.2**	0.01	0.02	72	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	1736	0.7	3.7	**3.3**	0.23	0.28	1506	0.6	3.0	**2.8**	0.19	0.22	*C81*
Non-Hodgkin lymphoma	11183	4.4	23.9	**17.0**	0.99	1.86	10149	4.1	20.4	**11.9**	0.69	1.32	*C82-85,C96*
Immunoproliferative diseases	283	0.1	0.6	**0.4**	0.01	0.05	195	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	3533	1.4	7.5	**5.0**	0.25	0.58	3279	1.3	6.6	**3.5**	0.18	0.41	*C90*
Lymphoid leukaemia	4186	1.6	8.9	**6.9**	0.35	0.67	2979	1.2	6.0	**3.9**	0.19	0.35	*C91*
Myeloid leukaemia	3235	1.3	6.9	**4.9**	0.25	0.51	2814	1.1	5.6	**3.5**	0.20	0.35	*C92-94*
Leukaemia unspecified	240	0.1	0.5	**0.3**	0.01	0.03	244	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	1929	0.8	4.1	**2.8**	0.16	0.31	1919	0.8	3.9	**2.1**	0.11	0.23	*MPD*
Myelodysplastic syndromes	2787	1.1	6.0	**3.4**	0.08	0.32	2452	1.0	4.9	**2.1**	0.07	0.21	*MDS*
Other and unspecified	4749	1.9	10.1	**6.5**	0.31	0.70	6549	2.6	13.1	**6.2**	0.29	0.66	*O&U*
All sites	255769		546.5	**380.0**	20.09	45.77	248646		498.9	**299.3**	18.66	33.85	*C00-96*
All sites except C44	255006	100.0	544.9	**378.9**	20.03	45.66	247927	100.0	497.5	**298.4**	18.60	33.76	*C00-96 exc. C44*

§Includes 31 cases of unknown age

§Includes 17 cases of unknown age

USA, New York State: Asian and Pacific Islander (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	33	0.5	1.0	**0.9**	0.04	0.12	29	0.4	0.9	**0.7**	0.05	0.08	*C01-02*
Mouth	29	0.4	0.9	**0.8**	0.04	0.09	16	0.2	0.5	**0.3**	0.01	0.03	*C03-06*
Salivary glands	27	0.4	0.8	**0.7**	0.05	0.07	18	0.3	0.5	**0.4**	0.02	0.05	*C07-08*
Tonsil	16	0.2	0.5	**0.4**	0.04	0.05	3	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	5	0.1	0.2	**0.1**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	180	2.8	5.5	**4.3**	0.33	0.44	77	1.1	2.3	**1.8**	0.14	0.16	*C11*
Hypopharynx	10	0.2	0.3	**0.3**	0.01	0.04	2	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	2	0.0	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	80	1.2	2.4	**2.2**	0.10	0.30	25	0.4	0.7	**0.6**	0.02	0.07	*C15*
Stomach	512	7.9	15.6	**13.8**	0.70	1.65	275	3.9	8.2	**6.3**	0.34	0.70	*C16*
Small intestine	21	0.3	0.6	**0.5**	0.03	0.06	30	0.4	0.9	**0.7**	0.03	0.07	*C17*
Colon	567	8.7	17.3	**15.4**	0.65	1.83	546	7.8	16.2	**12.7**	0.70	1.47	*C18*
Rectum	313	4.8	9.5	**8.3**	0.49	0.98	288	4.1	8.5	**6.6**	0.40	0.75	*C19-20*
Anus	13	0.2	0.4	**0.3**	0.02	0.02	13	0.2	0.4	**0.3**	0.01	0.03	*C21*
Liver	611	9.4	18.6	**16.1**	1.00	1.94	199	2.8	5.9	**4.7**	0.26	0.54	*C22*
Gallbladder etc.	77	1.2	2.3	**2.0**	0.08	0.21	65	0.9	1.9	**1.6**	0.09	0.18	*C23-24*
Pancreas	144	2.2	4.4	**3.9**	0.18	0.43	179	2.6	5.3	**4.1**	0.18	0.46	*C25*
Nose, sinuses etc.	13	0.2	0.4	**0.4**	0.03	0.04	10	0.1	0.3	**0.2**	0.01	0.03	*C30-31*
Larynx	50	0.8	1.5	**1.3**	0.07	0.19	9	0.1	0.3	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	1006	15.5	30.7	**27.4**	1.04	3.11	650	9.3	19.3	**15.3**	0.70	1.87	*C33-34*
Other thoracic organs	21	0.3	0.6	**0.7**	0.04	0.06	22	0.3	0.7	**0.6**	0.04	0.07	*C37-38*
Bone	21	0.3	0.6	**0.6**	0.04	0.05	22	0.3	0.7	**0.6**	0.04	0.06	*C40-41*
Melanoma of skin	25	0.4	0.8	**0.6**	0.03	0.06	24	0.3	0.7	**0.6**	0.04	0.07	*C43*
Other skin	17		0.5	**0.4**	0.02	0.04	22		0.7	**0.5**	0.04	0.05	*C44*
Mesothelioma	7	0.1	0.2	**0.2**	0.01	0.02	3	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	8	0.1	0.2	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	42	0.6	1.3	**1.3**	0.07	0.11	46	0.7	1.4	**1.1**	0.06	0.12	*C47+C49*
Breast	11	0.2	0.3	**0.3**	0.01	0.03	2007	28.7	59.5	**47.4**	3.63	5.19	*C50*
Vulva							12	0.2	0.4	**0.2**	0.01	0.02	*C51*
Vagina							10	0.1	0.3	**0.2**	0.02	0.02	*C52*
Cervix uteri							246	3.5	7.3	**5.7**	0.42	0.60	*C53*
Corpus uteri							410	5.9	12.2	**9.8**	0.72	1.18	*C54*
Uterus unspecified							9	0.1	0.3	**0.2**	0.02	0.02	*C55*
Ovary							243	3.5	7.2	**5.8**	0.45	0.62	*C56*
Other female genital organs							11	0.2	0.3	**0.2**	0.02	0.02	*C57*
Placenta							5	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	12	0.2	0.4	**0.3**	0.02	0.04							*C60*
Prostate	1119	17.2	34.1	**32.1**	1.20	4.37							*C61*
Testis	54	0.8	1.6	**1.4**	0.09	0.10							*C62*
Other male genital organs	8	0.1	0.2	**0.3**	0.01	0.04							*C63*
Kidney	178	2.7	5.4	**4.8**	0.25	0.57	102	1.5	3.0	**2.5**	0.16	0.27	*C64*
Renal pelvis	17	0.3	0.5	**0.5**	0.01	0.06	10	0.1	0.3	**0.2**	0.01	0.02	*C65*
Ureter	6	0.1	0.2	**0.2**	0.00	0.03	7	0.1	0.2	**0.2**	0.01	0.03	*C66*
Bladder	282	4.3	8.6	**7.7**	0.27	0.91	76	1.1	2.3	**1.7**	0.08	0.21	*C67*
Other urinary organs	5	0.1	0.2	**0.1**	0.00	0.01	4	0.1	0.1	**0.1**	0.00	0.00	*C68*
Eye	9	0.1	0.3	**0.3**	0.01	0.02	10	0.1	0.3	**0.3**	0.02	0.03	*C69*
Brain, nervous system	80	1.2	2.4	**2.3**	0.14	0.21	83	1.2	2.5	**2.3**	0.13	0.19	*C70-72*
Thyroid	152	2.3	4.6	**3.8**	0.28	0.40	573	8.2	17.0	**13.6**	1.01	1.34	*C73*
Adrenal gland	6	0.1	0.2	**0.2**	0.01	0.02	9	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	4	0.1	0.1	**0.2**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	35	0.5	1.1	**1.0**	0.07	0.09	18	0.3	0.5	**0.5**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	240	3.7	7.3	**6.4**	0.37	0.69	194	2.8	5.8	**4.6**	0.27	0.52	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.1	**0.0**	0.00	0.00	4	0.1	0.1	**0.1**	0.00	0.00	*C88*
Multiple myeloma	55	0.8	1.7	**1.5**	0.08	0.13	69	1.0	2.0	**1.6**	0.08	0.16	*C90*
Lymphoid leukaemia	50	0.8	1.5	**1.6**	0.09	0.12	44	0.6	1.3	**1.5**	0.09	0.10	*C91*
Myeloid leukaemia	111	1.7	3.4	**2.9**	0.13	0.27	69	1.0	2.0	**1.7**	0.10	0.15	*C92-94*
Leukaemia unspecified	3	0.0	0.1	**0.1**	0.01	0.01	8	0.1	0.2	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	33	0.5	1.0	**0.9**	0.05	0.10	27	0.4	0.8	**0.7**	0.04	0.08	*MPD*
Myelodysplastic syndromes	57	0.9	1.7	**1.6**	0.04	0.15	48	0.7	1.4	**1.1**	0.02	0.10	*MDS*
Other and unspecified	131	2.0	4.0	**3.4**	0.14	0.33	132	1.9	3.9	**2.9**	0.12	0.31	*O&U*
All sites	6511		198.6	**177.2**	8.44	20.67	7015		208.0	**165.8**	10.72	18.19	*C00-96*
All sites except C44	6494	100.0	198.1	**176.8**	8.42	20.63	6993	100.0	207.4	**165.3**	10.68	18.14	*C00-96 exc. C44*

USA, New York State: Black (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	5	0.0	0.1	**0.1**	0.01	0.01	6	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	213	0.6	2.7	**2.6**	0.18	0.33	94	0.3	1.0	**0.7**	0.04	0.09	*C01-02*
Mouth	187	0.6	2.3	**2.2**	0.17	0.26	122	0.4	1.3	**1.0**	0.07	0.11	*C03-06*
Salivary glands	68	0.2	0.8	**0.8**	0.06	0.09	88	0.3	1.0	**0.7**	0.05	0.08	*C07-08*
Tonsil	169	0.5	2.1	**2.0**	0.16	0.24	51	0.2	0.6	**0.4**	0.04	0.05	*C09*
Other oropharynx	77	0.2	1.0	**1.0**	0.07	0.12	21	0.1	0.2	**0.2**	0.01	0.02	*C10*
Nasopharynx	68	0.2	0.8	**0.8**	0.06	0.08	37	0.1	0.4	**0.3**	0.02	0.04	*C11*
Hypopharynx	111	0.3	1.4	**1.3**	0.08	0.17	26	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	19	0.1	0.2	**0.2**	0.02	0.03	14	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	512	1.5	6.4	**6.2**	0.36	0.79	271	0.8	2.9	**2.1**	0.11	0.26	*C15*
Stomach	901	2.7	11.2	**10.5**	0.51	1.20	849	2.7	9.2	**6.0**	0.29	0.66	*C16*
Small intestine	180	0.5	2.2	**2.2**	0.14	0.26	219	0.7	2.4	**1.7**	0.10	0.21	*C17*
Colon	2320	6.8	29.0	**27.2**	1.43	3.15	2947	9.2	31.9	**21.8**	1.15	2.55	*C18*
Rectum	861	2.5	10.7	**10.2**	0.62	1.22	918	2.9	9.9	**7.1**	0.45	0.84	*C19-20*
Anus	144	0.4	1.8	**1.6**	0.13	0.17	134	0.4	1.5	**1.1**	0.08	0.13	*C21*
Liver	990	2.9	12.4	**11.7**	0.87	1.38	378	1.2	4.1	**3.0**	0.18	0.34	*C22*
Gallbladder etc.	154	0.5	1.9	**1.8**	0.09	0.20	319	1.0	3.5	**2.3**	0.10	0.26	*C23-24*
Pancreas	787	2.3	9.8	**9.3**	0.50	1.11	998	3.1	10.8	**7.1**	0.34	0.81	*C25*
Nose, sinuses etc.	53	0.2	0.7	**0.6**	0.04	0.07	51	0.2	0.6	**0.5**	0.03	0.04	*C30-31*
Larynx	519	1.5	6.5	**6.3**	0.41	0.82	148	0.5	1.6	**1.3**	0.09	0.16	*C32*
Trachea, bronchus and lung	4081	12.0	50.9	**48.7**	2.63	6.14	3493	11.0	37.8	**27.2**	1.53	3.37	*C33-34*
Other thoracic organs	40	0.1	0.5	**0.5**	0.03	0.05	57	0.2	0.6	**0.5**	0.03	0.05	*C37-38*
Bone	81	0.2	1.0	**1.0**	0.07	0.07	81	0.3	0.9	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	60	0.2	0.7	**0.7**	0.04	0.07	91	0.3	1.0	**0.7**	0.05	0.08	*C43*
Other skin	85		1.1	**0.9**	0.07	0.09	96		1.0	**0.9**	0.06	0.08	*C44*
Mesothelioma	36	0.1	0.4	**0.4**	0.02	0.05	20	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	267	0.8	3.3	**2.9**	0.24	0.25	54	0.2	0.6	**0.5**	0.04	0.04	*C46*
Connective and soft tissue	199	0.6	2.5	**2.3**	0.15	0.23	223	0.7	2.4	**2.0**	0.14	0.20	*C47+C49*
Breast	74	0.2	0.9	**0.9**	0.04	0.10	9103	28.5	98.6	**74.7**	5.36	8.44	*C50*
Vulva							148	0.5	1.6	**1.2**	0.08	0.12	*C51*
Vagina							99	0.3	1.1	**0.8**	0.05	0.08	*C52*
Cervix uteri							1140	3.6	12.3	**9.6**	0.70	1.02	*C53*
Corpus uteri							2091	6.6	22.6	**17.3**	1.09	2.28	*C54*
Uterus unspecified							143	0.4	1.5	**1.1**	0.08	0.13	*C55*
Ovary							836	2.6	9.1	**6.9**	0.44	0.78	*C56*
Other female genital organs							53	0.2	0.6	**0.4**	0.03	0.04	*C57*
Placenta							24	0.1	0.3	**0.3**	0.02	0.02	*C58*
Penis	68	0.2	0.8	**0.8**	0.04	0.08							*C60*
Prostate	14283	42.1	178.3	**176.2**	9.81	23.64							*C61*
Testis	120	0.4	1.5	**1.4**	0.11	0.11							*C62*
Other male genital organs	14	0.0	0.2	**0.2**	0.01	0.01							*C63*
Kidney	997	2.9	12.4	**12.0**	0.78	1.45	703	2.2	7.6	**5.9**	0.37	0.67	*C64*
Renal pelvis	20	0.1	0.2	**0.2**	0.02	0.03	21	0.1	0.2	**0.2**	0.01	0.02	*C65*
Ureter	10	0.0	0.1	**0.1**	0.01	0.02	12	0.0	0.1	**0.1**	0.01	0.02	*C66*
Bladder	878	2.6	11.0	**10.4**	0.46	1.20	483	1.5	5.2	**3.4**	0.15	0.38	*C67*
Other urinary organs	32	0.1	0.4	**0.4**	0.02	0.05	18	0.1	0.2	**0.1**	0.01	0.02	*C68*
Eye	26	0.1	0.3	**0.3**	0.02	0.02	25	0.1	0.3	**0.3**	0.02	0.02	*C69*
Brain, nervous system	325	1.0	4.1	**4.0**	0.25	0.39	317	1.0	3.4	**2.9**	0.18	0.27	*C70-72*
Thyroid	190	0.6	2.4	**2.2**	0.14	0.24	864	2.7	9.4	**7.8**	0.61	0.79	*C73*
Adrenal gland	30	0.1	0.4	**0.4**	0.02	0.04	33	0.1	0.4	**0.5**	0.03	0.03	*C74*
Other endocrine	16	0.0	0.2	**0.2**	0.02	0.02	13	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	237	0.7	3.0	**2.7**	0.22	0.24	212	0.7	2.3	**2.1**	0.15	0.17	*C81*
Non-Hodgkin lymphoma	1142	3.4	14.3	**13.1**	0.92	1.43	1098	3.4	11.9	**9.3**	0.64	0.97	*C82-85,C96*
Immunoproliferative diseases	18	0.1	0.2	**0.2**	0.01	0.02	11	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	708	2.1	8.8	**8.4**	0.45	1.03	870	2.7	9.4	**6.4**	0.35	0.75	*C90*
Lymphoid leukaemia	337	1.0	4.2	**4.2**	0.23	0.44	248	0.8	2.7	**2.1**	0.12	0.20	*C91*
Myeloid leukaemia	312	0.9	3.9	**3.7**	0.19	0.43	332	1.0	3.6	**2.9**	0.17	0.30	*C92-94*
Leukaemia unspecified	22	0.1	0.3	**0.2**	0.01	0.03	24	0.1	0.3	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	194	0.6	2.4	**2.2**	0.14	0.25	188	0.6	2.0	**1.5**	0.09	0.15	*MPD*
Myelodysplastic syndromes	162	0.5	2.0	**1.9**	0.07	0.20	190	0.6	2.1	**1.4**	0.05	0.16	*MDS*
Other and unspecified	631	1.9	7.9	**7.3**	0.38	0.80	890	2.8	9.6	**6.5**	0.34	0.73	*O&U*
All sites	34033		424.8	**409.7**	23.50	50.91	31995		346.4	**256.3**	16.24	29.18	*C00-96*
All sites except C44	33948	100.0	423.7	**408.7**	23.43	50.82	31899	100.0	345.4	**255.5**	16.18	29.11	*C00-96 exc. C44*

§Includes 1 case of unknown age

§Includes 1 case of unknown age

USA, New York State: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	272	0.1	0.8	**0.4**	0.02	0.04	101	0.0	0.3	**0.1**	0.01	0.01	*C00*
Tongue	1643	0.8	4.7	**3.2**	0.23	0.40	704	0.3	1.9	**1.1**	0.07	0.13	*C01-02*
Mouth	1005	0.5	2.9	**1.9**	0.13	0.23	759	0.4	2.1	**1.1**	0.06	0.12	*C03-06*
Salivary glands	607	0.3	1.7	**1.0**	0.05	0.11	477	0.2	1.3	**0.8**	0.05	0.08	*C07-08*
Tonsil	979	0.5	2.8	**2.0**	0.17	0.24	250	0.1	0.7	**0.4**	0.03	0.05	*C09*
Other oropharynx	284	0.1	0.8	**0.6**	0.04	0.07	96	0.0	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	234	0.1	0.7	**0.5**	0.03	0.06	129	0.1	0.3	**0.2**	0.02	0.03	*C11*
Hypopharynx	401	0.2	1.1	**0.7**	0.04	0.10	113	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	71	0.0	0.2	**0.1**	0.01	0.02	56	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	3262	1.6	9.3	**5.9**	0.31	0.73	1093	0.5	3.0	**1.3**	0.06	0.16	*C15*
Stomach	4137	2.0	11.8	**7.1**	0.35	0.84	2790	1.4	7.6	**3.5**	0.18	0.39	*C16*
Small intestine	861	0.4	2.4	**1.6**	0.09	0.18	767	0.4	2.1	**1.1**	0.07	0.13	*C17*
Colon	14302	6.8	40.6	**23.7**	1.06	2.69	15954	7.8	43.2	**18.7**	0.84	2.08	*C18*
Rectum	6310	3.0	17.9	**11.3**	0.65	1.34	5243	2.6	14.2	**7.2**	0.42	0.83	*C19-20*
Anus	569	0.3	1.6	**1.1**	0.08	0.12	832	0.4	2.3	**1.3**	0.10	0.15	*C21*
Liver	3771	1.8	10.7	**7.0**	0.45	0.86	1632	0.8	4.4	**2.3**	0.12	0.26	*C22*
Gallbladder etc.	1174	0.6	3.3	**1.9**	0.08	0.21	1563	0.8	4.2	**1.8**	0.08	0.22	*C23-24*
Pancreas	5336	2.6	15.2	**9.1**	0.45	1.07	5763	2.8	15.6	**6.8**	0.31	0.77	*C25*
Nose, sinuses etc.	305	0.1	0.9	**0.6**	0.04	0.06	249	0.1	0.7	**0.4**	0.02	0.04	*C30-31*
Larynx	2630	1.3	7.5	**4.9**	0.30	0.62	731	0.4	2.0	**1.1**	0.07	0.14	*C32*
Trachea, bronchus and lung	28641	13.7	81.4	**49.4**	2.23	6.17	27400	13.4	74.2	**37.9**	1.93	4.86	*C33-34*
Other thoracic organs	249	0.1	0.7	**0.5**	0.03	0.06	195	0.1	0.5	**0.4**	0.02	0.04	*C37-38*
Bone	488	0.2	1.4	**1.3**	0.08	0.10	466	0.2	1.3	**1.1**	0.07	0.09	*C40-41*
Melanoma of skin	7954	3.8	22.6	**14.9**	0.90	1.67	6093	3.0	16.5	**10.7**	0.76	1.10	*C43*
Other skin	641		1.8	**1.1**	0.06	0.11	579		1.6	**0.9**	0.05	0.09	*C44*
Mesothelioma	710	0.3	2.0	**1.1**	0.04	0.13	222	0.1	0.6	**0.3**	0.02	0.03	*C45*
Kaposi sarcoma	491	0.2	1.4	**1.0**	0.07	0.09	106	0.1	0.3	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	1514	0.7	4.3	**3.1**	0.17	0.31	1128	0.6	3.1	**2.0**	0.13	0.19	*C47+C49*
Breast	486	0.2	1.4	**0.8**	0.04	0.10	55852	27.4	151.3	**90.9**	6.42	10.47	*C50*
Vulva							1159	0.6	3.1	**1.5**	0.08	0.16	*C51*
Vagina							286	0.1	0.8	**0.4**	0.02	0.04	*C52*
Cervix uteri							3048	1.5	8.3	**6.0**	0.47	0.59	*C53*
Corpus uteri							13029	6.4	35.3	**21.4**	1.55	2.66	*C54*
Uterus unspecified							328	0.2	0.9	**0.5**	0.03	0.05	*C55*
Ovary							6563	3.2	17.8	**10.6**	0.73	1.20	*C56*
Other female genital organs							351	0.2	1.0	**0.5**	0.03	0.06	*C57*
Placenta							31	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	299	0.1	0.8	**0.5**	0.03	0.06							*C60*
Prostate	57579	27.5	163.6	**106.2**	5.47	14.38							*C61*
Testis	2361	1.1	6.7	**6.2**	0.47	0.48							*C62*
Other male genital organs	94	0.0	0.3	**0.2**	0.01	0.02							*C63*
Kidney	7630	3.6	21.7	**14.4**	0.88	1.74	4492	2.2	12.2	**7.0**	0.42	0.83	*C64*
Renal pelvis	445	0.2	1.3	**0.7**	0.03	0.09	322	0.2	0.9	**0.4**	0.01	0.05	*C65*
Ureter	345	0.2	1.0	**0.6**	0.02	0.07	195	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	16503	7.9	46.9	**27.2**	1.12	3.19	5988	2.9	16.2	**7.6**	0.37	0.90	*C67*
Other urinary organs	193	0.1	0.5	**0.3**	0.01	0.03	87	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	474	0.2	1.3	**1.0**	0.06	0.11	422	0.2	1.1	**0.8**	0.05	0.08	*C69*
Brain, nervous system	3180	1.5	9.0	**7.2**	0.45	0.69	2599	1.3	7.0	**5.2**	0.32	0.48	*C70-72*
Thyroid	2545	1.2	7.2	**5.4**	0.41	0.58	7462	3.7	20.2	**15.8**	1.24	1.51	*C73*
Adrenal gland	152	0.1	0.4	**0.5**	0.03	0.03	179	0.1	0.5	**0.5**	0.03	0.04	*C74*
Other endocrine	71	0.0	0.2	**0.2**	0.01	0.02	56	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	1412	0.7	4.0	**3.5**	0.24	0.29	1239	0.6	3.4	**3.1**	0.21	0.25	*C81*
Non-Hodgkin lymphoma	9538	4.6	27.1	**17.8**	1.02	1.97	8673	4.2	23.5	**12.6**	0.72	1.41	*C82-85,C96*
Immunoproliferative diseases	258	0.1	0.7	**0.4**	0.02	0.05	176	0.1	0.5	**0.2**	0.01	0.02	*C88*
Multiple myeloma	2701	1.3	7.7	**4.6**	0.23	0.53	2278	1.1	6.2	**2.9**	0.15	0.35	*C90*
Lymphoid leukaemia	3686	1.8	10.5	**7.5**	0.38	0.73	2611	1.3	7.1	**4.3**	0.21	0.39	*C91*
Myeloid leukaemia	2749	1.3	7.8	**5.1**	0.26	0.53	2366	1.2	6.4	**3.6**	0.20	0.37	*C92-94*
Leukaemia unspecified	211	0.1	0.6	**0.3**	0.01	0.03	207	0.1	0.6	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	1646	0.8	4.7	**3.0**	0.16	0.33	1662	0.8	4.5	**2.2**	0.12	0.25	*MPD*
Myelodysplastic syndromes	2543	1.2	7.2	**3.6**	0.09	0.35	2186	1.1	5.9	**2.2**	0.08	0.22	*MDS*
Other and unspecified	3922	1.9	11.1	**6.5**	0.30	0.70	5444	2.7	14.7	**6.2**	0.28	0.66	*O&U*
All sites	209864		596.2	**380.9**	19.88	45.71	204782		554.7	**310.5**	19.30	35.19	*C00-96*
All sites except C44	209223	100.0	594.3	**379.7**	19.82	45.59	204203	100.0	553.2	**309.6**	19.24	35.10	*C00-96 exc. C44*

§Includes 2 cases of unknown age

§Includes 1 case of unknown age

USA, North Carolina

REGISTRATION AREA

The North Carolina Central Cancer Registry (CCR) is a statewide population-based cancer registry that covers all residents of the state of North Carolina in the USA. In 2012, the state's population was estimated at 9.8 million. The registry covers residents of all races and ethnicities.

CANCER CARE FACILITIES

The CCR receives most of its cancer incidence data from health care facilities (hospitals, cancer centres, and dermatology, urology, and surgical oncology centres). Incidence data also come from physicians' offices, pathology reports, interstate data exchange, nursing facilities, and death clearance cases.

REGISTRY STRUCTURE AND METHODS

The CCR is funded through state appropriations and the National Program of Cancer Registries (NPCR). The registry became operational in 1987 and has since increased its case ascertainment to more than 90%. The CCR is responsible for cancer surveillance throughout North Carolina, and its core mission is to collect timely cancer data, to analyse the data, and to disseminate the data to public health agencies and advocates, legislators, policy-makers, researchers, state and national organizations, and citizens of North Carolina. The CCR's case ascertainment is critical for identifying and monitoring areas of high cancer burden, and for facilitating programmes and policies that focus on early detection to improve cancer prevention and control outcomes among North Carolinians.

INTERPRETING THE RESULTS

North Carolina has screening programmes for breast cancer (among women aged 50–64 years, with 7% coverage) and cervical cancer (among women aged 18–64 years, with 10% coverage). Both programmes started in 1993.

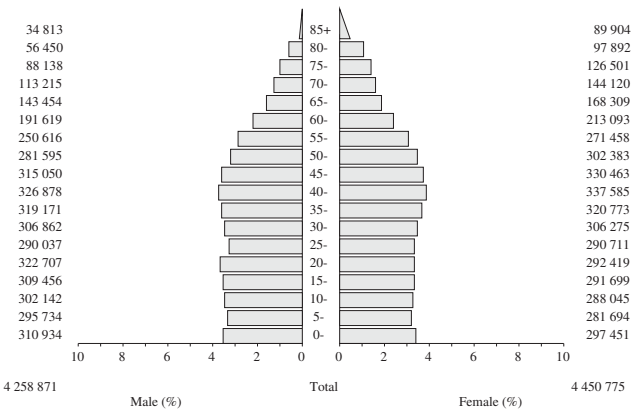
USE OF THE DATA

North Carolina cancer incidence and mortality data are used for planning and evaluating health services at the county level, identifying high cancer incidence within certain counties, educating the public, motivating entities such as hospitals and physicians to report incidence data accurately and in a timely manner, and encouraging more hospitals to organize tumour registries to provide better service to their cancer patients. CCR data are available from the State Center for Health Statistics website (http://www.schs.state.nc.us/data/cancer.cfm).

CONTRIBUTOR

Chandrika Rao

USA, North Carolina (2003-2007)
Average annual person-years by sex and age group

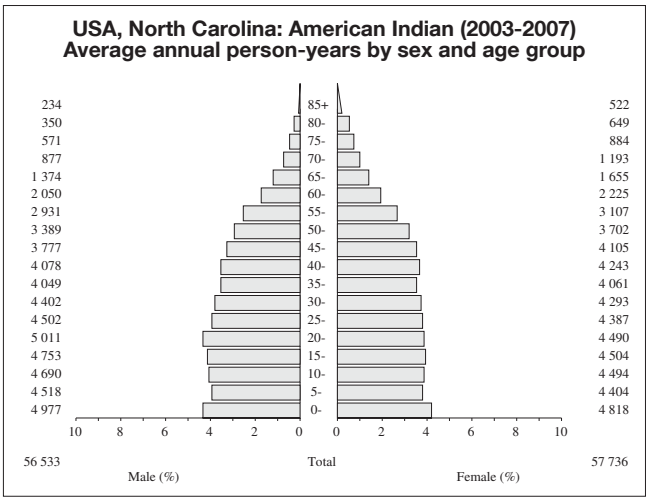


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

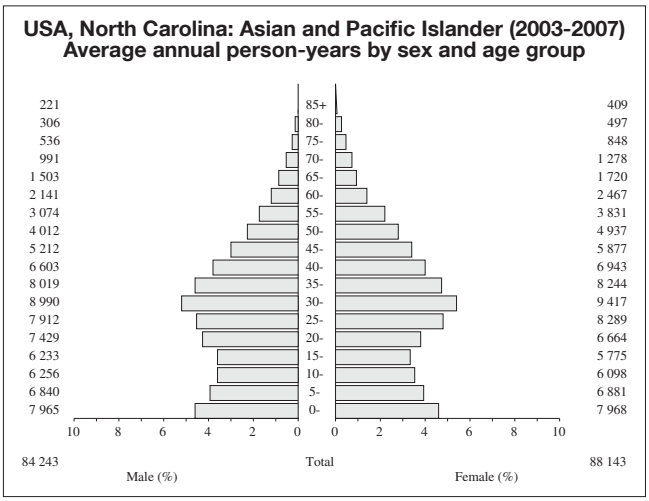
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	109.9	Breast	87.1
Trachea, bronchus and lung	64.8	Trachea, bronchus and lung	38.5
Colon	25.0	Colon	19.1
Bladder	20.9	Corpus uteri	14.9
Melanoma of skin	15.8	Melanoma of skin	11.6
Kidney	15.3	Thyroid	11.4
Non-Hodgkin lymphoma	14.9	Non-Hodgkin lymphoma	10.6
Rectum	11.4	Ovary	8.7
Pancreas	8.2	Kidney	7.3
Other and unspecified	7.9	Rectum	6.8
All sites	381.6	All sites	284.3



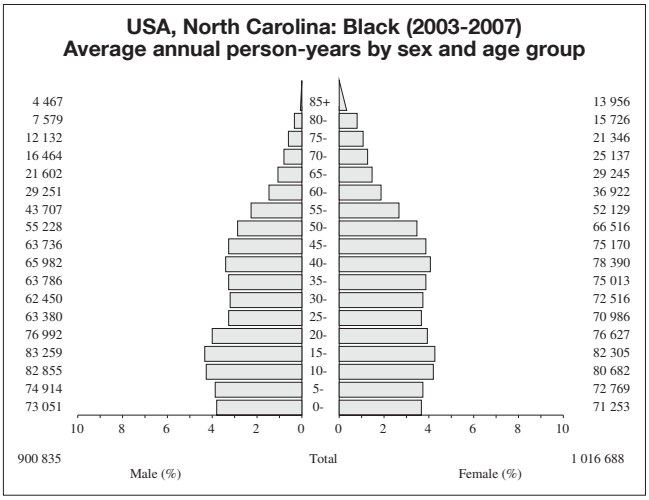
USA, NORTH CAROLINA: AMERICAN INDIAN
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	116.3	Breast	58.7
Trachea, bronchus and lung	61.0	Trachea, bronchus and lung	28.6
Colon	15.6	Colon	10.7
Kidney	10.7	Corpus uteri	10.7
Rectum	8.6	Kidney	9.3
Bladder	8.1	Non-Hodgkin lymphoma	6.2
Non-Hodgkin lymphoma	6.2	Rectum	4.9
Liver	5.8	Thyroid	4.8
Other and unspecified	5.5	Myelodysplastic syndromes	4.4
Stomach	5.1	Cervix uteri	4.4
All sites	298.1	All sites	191.8



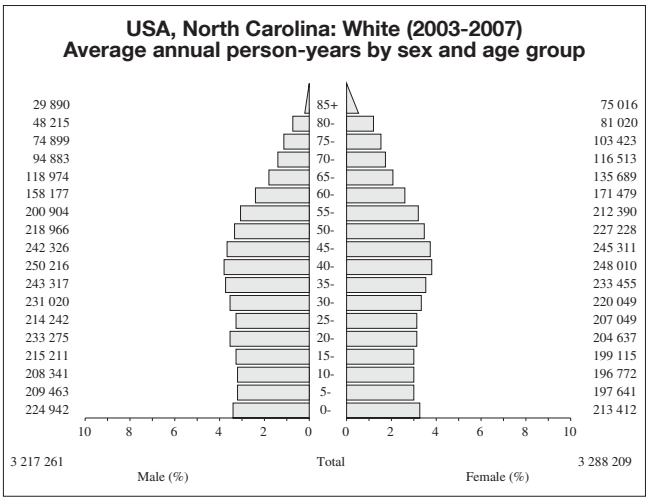
USA, NORTH CAROLINA: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	28.8	Breast	38.4
Trachea, bronchus and lung	17.1	Trachea, bronchus and lung	13.8
Liver	13.3	Thyroid	10.2
Non-Hodgkin lymphoma	6.5	Corpus uteri	8.9
Colon	6.5	Colon	8.8
Bladder	6.0	Liver	6.7
Stomach	4.6	Cervix uteri	6.5
Rectum	4.5	Non-Hodgkin lymphoma	5.9
Kidney	3.8	Ovary	4.2
Lymphoid leukaemia	3.2	Rectum	3.6
All sites	124.7	All sites	137.2



USA, NORTH CAROLINA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	176.5	Breast	86.9
Trachea, bronchus and lung	74.8	Trachea, bronchus and lung	31.0
Colon	32.3	Colon	25.6
Kidney	18.2	Corpus uteri	14.3
Rectum	12.0	Non-Hodgkin lymphoma	8.7
Non-Hodgkin lymphoma	12.0	Pancreas	8.5
Pancreas	11.3	Kidney	8.4
Bladder	11.2	Thyroid	8.2
Stomach	10.0	Rectum	7.6
Larynx	9.5	Other and unspecified	7.4
All sites	454.8	All sites	273.4



USA, NORTH CAROLINA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	96.5	Breast	87.3
Trachea, bronchus and lung	63.1	Trachea, bronchus and lung	40.4
Colon	23.7	Colon	17.5
Bladder	22.9	Corpus uteri	15.3
Melanoma of skin	19.3	Melanoma of skin	15.0
Non-Hodgkin lymphoma	15.4	Thyroid	12.3
Kidney	14.7	Non-Hodgkin lymphoma	10.9
Rectum	11.2	Ovary	9.3
Pancreas	7.7	Kidney	7.0
Other and unspecified	7.6	Rectum	6.6
All sites	367.6	All sites	288.0

USA, North Carolina (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	166	0.1	0.8	**0.6**	0.03	0.07	55	0.1	0.2	**0.1**	0.01	0.02	*C00*
Tongue	939	0.8	4.4	**3.4**	0.26	0.41	361	0.4	1.6	**1.0**	0.07	0.12	*C01-02*
Mouth	709	0.6	3.3	**2.5**	0.17	0.29	476	0.5	2.1	**1.2**	0.07	0.14	*C03-06*
Salivary glands	301	0.3	1.4	**1.0**	0.05	0.11	191	0.2	0.9	**0.6**	0.04	0.06	*C07-08*
Tonsil	733	0.7	3.4	**2.6**	0.22	0.30	170	0.2	0.8	**0.6**	0.04	0.06	*C09*
Other oropharynx	217	0.2	1.0	**0.8**	0.06	0.09	63	0.1	0.3	**0.2**	0.01	0.03	*C10*
Nasopharynx	151	0.1	0.7	**0.6**	0.04	0.06	74	0.1	0.3	**0.3**	0.02	0.03	*C11*
Hypopharynx	323	0.3	1.5	**1.1**	0.09	0.15	95	0.1	0.4	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	89	0.1	0.4	**0.3**	0.02	0.04	34	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	1689	1.5	7.9	**5.8**	0.36	0.71	486	0.5	2.2	**1.2**	0.06	0.16	*C15*
Stomach	1636	1.5	7.7	**5.4**	0.27	0.66	1050	1.1	4.7	**2.5**	0.12	0.28	*C16*
Small intestine	506	0.5	2.4	**1.8**	0.11	0.21	453	0.5	2.0	**1.3**	0.08	0.16	*C17*
Colon	7563	6.8	35.5	**25.0**	1.29	2.96	7700	7.8	34.6	**19.1**	0.99	2.21	*C18*
Rectum	3292	3.0	15.5	**11.4**	0.71	1.38	2472	2.5	11.1	**6.8**	0.43	0.78	*C19-20*
Anus	253	0.2	1.2	**0.9**	0.06	0.10	463	0.5	2.1	**1.3**	0.10	0.15	*C21*
Liver	1657	1.5	7.8	**5.8**	0.39	0.68	624	0.6	2.8	**1.7**	0.09	0.19	*C22*
Gallbladder etc.	472	0.4	2.2	**1.5**	0.06	0.18	582	0.6	2.6	**1.4**	0.07	0.17	*C23-24*
Pancreas	2491	2.2	11.7	**8.2**	0.41	1.00	2619	2.6	11.8	**6.2**	0.29	0.72	*C25*
Nose, sinuses etc.	164	0.1	0.8	**0.6**	0.03	0.07	142	0.1	0.6	**0.4**	0.02	0.05	*C30-31*
Larynx	1680	1.5	7.9	**5.8**	0.36	0.73	447	0.5	2.0	**1.4**	0.09	0.18	*C32*
Trachea, bronchus and lung	19526	17.6	91.7	**64.8**	3.07	8.27	14396	14.5	64.7	**38.5**	2.00	4.98	*C33-34*
Other thoracic organs	105	0.1	0.5	**0.4**	0.03	0.04	76	0.1	0.3	**0.3**	0.02	0.02	*C37-38*
Bone	237	0.2	1.1	**1.0**	0.07	0.09	202	0.2	0.9	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	4579	4.1	21.5	**15.8**	0.95	1.81	3556	3.6	16.0	**11.6**	0.81	1.18	*C43*
Other skin	325		1.5	**1.1**	0.05	0.11	247		1.1	**0.8**	0.05	0.07	*C44*
Mesothelioma	288	0.3	1.4	**0.9**	0.03	0.11	74	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	100	0.1	0.5	**0.4**	0.03	0.03	16	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	733	0.7	3.4	**2.7**	0.16	0.27	624	0.6	2.8	**2.0**	0.13	0.20	*C47+C49*
Breast	283	0.3	1.3	**1.0**	0.06	0.11	29293	29.5	131.6	**87.1**	6.16	10.11	*C50*
Vulva							551	0.6	2.5	**1.5**	0.10	0.16	*C51*
Vagina							173	0.2	0.8	**0.5**	0.02	0.05	*C52*
Cervix uteri							1842	1.9	8.3	**6.2**	0.50	0.61	*C53*
Corpus uteri							5004	5.0	22.5	**14.9**	1.05	1.83	*C54*
Uterus unspecified							217	0.2	1.0	**0.6**	0.04	0.07	*C55*
Ovary							3016	3.0	13.6	**8.7**	0.55	1.01	*C56*
Other female genital organs							136	0.1	0.6	**0.4**	0.02	0.05	*C57*
Placenta							15	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	150	0.1	0.7	**0.5**	0.03	0.06							*C60*
Prostate	31637	28.6	148.6	**109.9**	5.94	14.97							*C61*
Testis	1067	1.0	5.0	**4.6**	0.34	0.35							*C62*
Other male genital organs	32	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	4358	3.9	20.5	**15.3**	0.95	1.86	2475	2.5	11.1	**7.3**	0.46	0.84	*C64*
Renal pelvis	197	0.2	0.9	**0.6**	0.03	0.08	156	0.2	0.7	**0.3**	0.01	0.04	*C65*
Ureter	138	0.1	0.6	**0.5**	0.02	0.06	105	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	6552	5.9	30.8	**20.9**	0.85	2.47	2254	2.3	10.1	**5.4**	0.25	0.64	*C67*
Other urinary organs	43	0.0	0.2	**0.1**	0.01	0.02	43	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	235	0.2	1.1	**0.9**	0.05	0.10	184	0.2	0.8	**0.6**	0.04	0.06	*C69*
Brain, nervous system	1628	1.5	7.6	**6.5**	0.40	0.64	1357	1.4	6.1	**4.8**	0.29	0.44	*C70-72*
Thyroid	955	0.9	4.5	**3.5**	0.27	0.39	3166	3.2	14.2	**11.4**	0.88	1.10	*C73*
Adrenal gland	61	0.1	0.3	**0.3**	0.02	0.02	66	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	30	0.0	0.1	**0.1**	0.01	0.01	36	0.0	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	621	0.6	2.9	**2.6**	0.18	0.21	522	0.5	2.3	**2.1**	0.15	0.17	*C81*
Non-Hodgkin lymphoma	4300	3.9	20.2	**14.9**	0.85	1.68	3850	3.9	17.3	**10.6**	0.60	1.20	*C82-85,C96*
Immunoproliferative diseases	57	0.1	0.3	**0.2**	0.01	0.02	37	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	1453	1.3	6.8	**4.8**	0.24	0.58	1330	1.3	6.0	**3.4**	0.18	0.42	*C90*
Lymphoid leukaemia	1452	1.3	6.8	**5.6**	0.28	0.54	1017	1.0	4.6	**3.2**	0.15	0.30	*C91*
Myeloid leukaemia	1299	1.2	6.1	**4.6**	0.23	0.48	1097	1.1	4.9	**3.3**	0.19	0.34	*C92-94*
Leukaemia unspecified	103	0.1	0.5	**0.3**	0.01	0.03	114	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	476	0.4	2.2	**1.6**	0.10	0.19	518	0.5	2.3	**1.4**	0.08	0.15	*MPD*
Myelodysplastic syndromes	670	0.6	3.1	**2.0**	0.06	0.22	510	0.5	2.3	**1.1**	0.04	0.12	*MDS*
Other and unspecified	2403	2.2	11.3	**7.9**	0.38	0.86	2727	2.7	12.3	**6.3**	0.30	0.67	*O&U*
All sites	111124		521.8	**381.6**	20.65	46.89	99559		447.4	**284.3**	17.83	32.57	*C00-96*
All sites except C44	110799	100.0	520.3	**380.5**	20.60	46.78	99312	100.0	446.3	**283.5**	17.78	32.50	*C00-96 exc. C44*

USA, North Carolina: American Indian (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.1	0.4	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	4	0.5	1.4	**1.3**	0.13	0.13	5	0.8	1.7	**1.5**	0.11	0.17	*C01-02*
Mouth	5	0.6	1.8	**1.8**	0.20	0.20	4	0.6	1.4	**1.1**	0.14	0.14	*C03-06*
Salivary glands	2	0.2	0.7	**0.6**	0.06	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C07-08*
Tonsil	5	0.6	1.8	**1.5**	0.14	0.14	1	0.2	0.3	**0.3**	0.02	0.02	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	2	0.2	0.7	**0.9**	0.00	0.15	1	0.2	0.3	**0.2**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.1	0.4	**0.4**	0.05	0.05	1	0.2	0.3	**0.2**	0.00	0.00	*C14*
Oesophagus	7	0.9	2.5	**2.4**	0.15	0.37	4	0.6	1.4	**1.1**	0.06	0.12	*C15*
Stomach	13	1.6	4.6	**5.1**	0.23	0.60	10	1.5	3.5	**2.5**	0.14	0.31	*C16*
Small intestine	3	0.4	1.1	**1.2**	0.02	0.21	4	0.6	1.4	**1.3**	0.05	0.20	*C17*
Colon	45	5.5	15.9	**15.6**	0.95	1.92	39	5.9	13.5	**10.7**	0.51	1.34	*C18*
Rectum	24	2.9	8.5	**8.6**	0.56	1.15	17	2.6	5.9	**4.9**	0.26	0.55	*C19-20*
Anus	3	0.4	1.1	**1.0**	0.06	0.06	2	0.3	0.7	**0.6**	0.05	0.05	*C21*
Liver	17	2.1	6.0	**5.8**	0.47	0.70	6	0.9	2.1	**1.7**	0.06	0.18	*C22*
Gallbladder etc.	5	0.6	1.8	**2.3**	0.00	0.53	4	0.6	1.4	**0.8**	0.00	0.08	*C23-24*
Pancreas	9	1.1	3.2	**3.2**	0.19	0.45	16	2.4	5.5	**4.2**	0.21	0.47	*C25*
Nose, sinuses etc.	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	9	1.1	3.2	**3.4**	0.06	0.39	6	0.9	2.1	**1.9**	0.11	0.23	*C32*
Trachea, bronchus and lung	167	20.4	59.1	**61.0**	3.44	8.27	93	14.0	32.2	**28.6**	1.54	3.79	*C33-34*
Other thoracic organs	1	0.1	0.4	**0.4**	0.00	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	1	0.1	0.4	**0.5**	0.00	0.11	2	0.3	0.7	**0.7**	0.05	0.05	*C40-41*
Melanoma of skin	5	0.6	1.8	**1.8**	0.10	0.21	8	1.2	2.8	**2.4**	0.17	0.23	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	0		0.0	**0.0**	0.00	0.00	*C44*
Mesothelioma	1	0.1	0.4	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.1	0.4	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	3	0.4	1.1	**0.9**	0.05	0.05	7	1.1	2.4	**2.2**	0.15	0.23	*C47+C49*
Breast	1	0.1	0.4	**0.4**	0.00	0.00	203	30.5	70.3	**58.7**	4.49	6.89	*C50*
Vulva							1	0.2	0.3	**0.3**	0.02	0.02	*C51*
Vagina							1	0.2	0.3	**0.4**	0.00	0.06	*C52*
Cervix uteri							15	2.3	5.2	**4.4**	0.39	0.48	*C53*
Corpus uteri							37	5.6	12.8	**10.7**	0.58	1.22	*C54*
Uterus unspecified							2	0.3	0.7	**0.6**	0.04	0.04	*C55*
Ovary							13	2.0	4.5	**3.6**	0.28	0.34	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	309	37.8	109.3	**116.3**	6.05	16.20							*C61*
Testis	7	0.9	2.5	**2.2**	0.16	0.16							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	31	3.8	11.0	**10.7**	0.76	1.36	33	5.0	11.4	**9.3**	0.55	0.89	*C64*
Renal pelvis	3	0.4	1.1	**1.1**	0.05	0.05	1	0.2	0.3	**0.3**	0.00	0.08	*C65*
Ureter	1	0.1	0.4	**0.4**	0.05	0.05	1	0.2	0.3	**0.4**	0.04	0.04	*C66*
Bladder	21	2.6	7.4	**8.1**	0.13	0.84	10	1.5	3.5	**2.4**	0.07	0.16	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.3	**0.2**	0.00	0.00	*C68*
Eye	1	0.1	0.4	**0.4**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	13	1.6	4.6	**4.4**	0.31	0.31	13	2.0	4.5	**3.5**	0.25	0.33	*C70-72*
Thyroid	6	0.7	2.1	**1.7**	0.16	0.16	16	2.4	5.5	**4.8**	0.42	0.42	*C73*
Adrenal gland	1	0.1	0.4	**0.3**	0.03	0.03	1	0.2	0.3	**0.3**	0.03	0.03	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	5	0.6	1.8	**1.7**	0.14	0.14	7	1.1	2.4	**2.2**	0.15	0.23	*C81*
Non-Hodgkin lymphoma	18	2.2	6.4	**6.2**	0.36	0.76	22	3.3	7.6	**6.2**	0.56	0.68	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	8	1.0	2.8	**2.7**	0.13	0.35	8	1.2	2.8	**2.4**	0.20	0.37	*C90*
Lymphoid leukaemia	6	0.7	2.1	**2.5**	0.11	0.18	2	0.3	0.7	**0.5**	0.06	0.06	*C91*
Myeloid leukaemia	13	1.6	4.6	**4.5**	0.28	0.47	7	1.1	2.4	**2.1**	0.10	0.24	*C92-94*
Leukaemia unspecified	2	0.2	0.7	**0.8**	0.00	0.11	2	0.3	0.7	**0.5**	0.00	0.08	*C95*
Myeloproliferative disorders	13	1.6	4.6	**4.4**	0.30	0.41	11	1.7	3.8	**3.2**	0.18	0.39	*MPD*
Myelodysplastic syndromes	9	1.1	3.2	**3.4**	0.06	0.36	16	2.4	5.5	**4.4**	0.20	0.55	*MDS*
Other and unspecified	16	2.0	5.7	**5.5**	0.41	0.71	13	2.0	4.5	**3.4**	0.20	0.36	*O&U*
All sites	818		289.4	**298.1**	16.46	38.61	666		230.7	**191.8**	12.44	22.13	*C00-96*
All sites except C44	818	100.0	289.4	**298.1**	16.46	38.61	666	100.0	230.7	**191.8**	12.44	22.13	*C00-96 exc. C44*

USA, North Carolina: Asian and Pacific Islander (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	3	0.8	0.7	**0.9**	0.05	0.15	2	0.3	0.5	**0.4**	0.05	0.05	*C01-02*
Mouth	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C03-06*
Salivary glands	1	0.3	0.2	**0.4**	0.05	0.05	2	0.3	0.5	**0.6**	0.03	0.08	*C07-08*
Tonsil	1	0.3	0.2	**0.2**	0.02	0.02	1	0.2	0.2	**0.2**	0.03	0.03	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	10	2.5	2.4	**2.2**	0.16	0.22	3	0.5	0.7	**0.6**	0.03	0.10	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.3	0.2	**0.4**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	2	0.5	0.5	**0.8**	0.05	0.15	1	0.2	0.2	**0.3**	0.00	0.06	*C15*
Stomach	15	3.8	3.6	**4.6**	0.25	0.52	14	2.4	3.2	**3.4**	0.20	0.39	*C16*
Small intestine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C17*
Colon	19	4.8	4.5	**6.5**	0.12	0.89	34	5.8	7.7	**8.8**	0.35	1.09	*C18*
Rectum	14	3.5	3.3	**4.5**	0.27	0.50	16	2.7	3.6	**3.6**	0.17	0.41	*C19-20*
Anus	1	0.3	0.2	**0.2**	0.02	0.02	2	0.3	0.5	**0.5**	0.00	0.08	*C21*
Liver	41	10.4	9.7	**13.3**	0.66	1.83	25	4.3	5.7	**6.7**	0.21	0.73	*C22*
Gallbladder etc.	8	2.0	1.9	**3.0**	0.05	0.25	9	1.5	2.0	**2.5**	0.11	0.48	*C23-24*
Pancreas	7	1.8	1.7	**2.5**	0.09	0.43	6	1.0	1.4	**1.7**	0.05	0.25	*C25*
Nose, sinuses etc.	2	0.5	0.5	**0.8**	0.00	0.10	2	0.3	0.5	**0.5**	0.01	0.07	*C30-31*
Larynx	3	0.8	0.7	**1.1**	0.05	0.11	0	0.0	0.0	**0.0**	0.00	0.00	*C32*
Trachea, bronchus and lung	51	12.9	12.1	**17.1**	0.88	2.01	53	9.1	12.0	**13.8**	0.67	1.50	*C33-34*
Other thoracic organs	4	1.0	0.9	**1.0**	0.04	0.14	2	0.3	0.5	**0.6**	0.06	0.06	*C37-38*
Bone	4	1.0	0.9	**1.1**	0.04	0.11	2	0.3	0.5	**0.6**	0.03	0.03	*C40-41*
Melanoma of skin	5	1.3	1.2	**1.2**	0.08	0.08	3	0.5	0.7	**0.6**	0.07	0.07	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	1		0.2	**0.2**	0.01	0.01	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	3	0.8	0.7	**0.9**	0.08	0.08	5	0.9	1.1	**1.2**	0.07	0.07	*C47+C49*
Breast	2	0.5	0.5	**0.7**	0.02	0.13	171	29.3	38.8	**38.4**	2.66	4.21	*C50*
Vulva							2	0.3	0.5	**0.4**	0.04	0.04	*C51*
Vagina							1	0.2	0.2	**0.1**	0.01	0.01	*C52*
Cervix uteri							30	5.1	6.8	**6.5**	0.49	0.66	*C53*
Corpus uteri							37	6.3	8.4	**8.9**	0.63	1.05	*C54*
Uterus unspecified							2	0.3	0.5	**0.4**	0.04	0.04	*C55*
Ovary							19	3.3	4.3	**4.2**	0.32	0.44	*C56*
Other female genital organs							2	0.3	0.5	**0.4**	0.02	0.02	*C57*
Placenta							2	0.3	0.5	**0.4**	0.03	0.03	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	81	20.5	19.2	**28.8**	0.98	4.33							*C61*
Testis	4	1.0	0.9	**0.6**	0.05	0.05							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	14	3.5	3.3	**3.8**	0.23	0.37	11	1.9	2.5	**2.4**	0.15	0.21	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.2	**0.2**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	18	4.6	4.3	**6.0**	0.21	0.72	7	1.2	1.6	**1.9**	0.07	0.30	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.5	0.5	**0.5**	0.03	0.03	3	0.5	0.7	**0.8**	0.06	0.06	*C69*
Brain, nervous system	10	2.5	2.4	**2.3**	0.15	0.15	11	1.9	2.5	**2.7**	0.18	0.23	*C70-72*
Thyroid	4	1.0	0.9	**0.8**	0.04	0.04	51	8.7	11.6	**10.2**	0.91	0.97	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	3	0.8	0.7	**0.7**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C81*
Non-Hodgkin lymphoma	23	5.8	5.5	**6.5**	0.37	0.67	24	4.1	5.4	**5.9**	0.37	0.64	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	3	0.8	0.7	**1.0**	0.03	0.03	4	0.7	0.9	**0.8**	0.05	0.05	*C90*
Lymphoid leukaemia	12	3.0	2.8	**3.2**	0.17	0.17	2	0.3	0.5	**0.5**	0.04	0.04	*C91*
Myeloid leukaemia	12	3.0	2.8	**3.1**	0.23	0.40	8	1.4	1.8	**1.6**	0.09	0.17	*C92-94*
Leukaemia unspecified	1	0.3	0.2	**0.5**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	3	0.5	0.7	**0.8**	0.02	0.09	*MPD*
Myelodysplastic syndromes	2	0.5	0.5	**0.5**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	9	2.3	2.1	**3.1**	0.11	0.17	11	1.9	2.5	**2.8**	0.15	0.28	*O&U*
All sites	395		93.8	**124.7**	5.68	15.02	585		132.7	**137.2**	8.45	15.13	*C00-96*
All sites except C44	395	100.0	93.8	**124.7**	5.68	15.02	584	100.0	132.5	**137.0**	8.44	15.12	*C00-96 exc. C44*

USA, North Carolina: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	4	0.0	0.1	**0.1**	0.01	0.01	4	0.0	0.1	**0.1**	0.00	0.00	*C00*
Tongue	170	0.8	3.8	**3.6**	0.28	0.43	46	0.3	0.9	**0.7**	0.04	0.08	*C01-02*
Mouth	172	0.8	3.8	**3.7**	0.29	0.45	79	0.4	1.6	**1.3**	0.10	0.16	*C03-06*
Salivary glands	36	0.2	0.8	**0.7**	0.06	0.07	42	0.2	0.8	**0.7**	0.05	0.07	*C07-08*
Tonsil	140	0.7	3.1	**2.8**	0.23	0.33	22	0.1	0.4	**0.4**	0.02	0.05	*C09*
Other oropharynx	68	0.3	1.5	**1.4**	0.10	0.18	12	0.1	0.2	**0.2**	0.02	0.03	*C10*
Nasopharynx	43	0.2	1.0	**0.8**	0.07	0.08	19	0.1	0.4	**0.3**	0.02	0.02	*C11*
Hypopharynx	117	0.6	2.6	**2.5**	0.21	0.32	15	0.1	0.3	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	28	0.1	0.6	**0.6**	0.04	0.07	6	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	362	1.7	8.0	**7.8**	0.55	0.99	123	0.7	2.4	**1.9**	0.11	0.24	*C15*
Stomach	476	2.3	10.6	**10.0**	0.52	1.19	344	1.9	6.8	**4.4**	0.21	0.47	*C16*
Small intestine	108	0.5	2.4	**2.3**	0.14	0.25	127	0.7	2.5	**2.0**	0.13	0.25	*C17*
Colon	1519	7.3	33.7	**32.3**	1.82	3.88	1773	9.9	34.9	**25.6**	1.44	3.09	*C18*
Rectum	562	2.7	12.5	**12.0**	0.73	1.50	502	2.8	9.9	**7.6**	0.49	0.88	*C19-20*
Anus	55	0.3	1.2	**1.1**	0.08	0.11	67	0.4	1.3	**1.1**	0.07	0.12	*C21*
Liver	343	1.6	7.6	**7.1**	0.60	0.82	135	0.8	2.7	**2.0**	0.14	0.22	*C22*
Gallbladder etc.	89	0.4	2.0	**2.0**	0.09	0.25	123	0.7	2.4	**1.7**	0.08	0.22	*C23-24*
Pancreas	535	2.6	11.9	**11.3**	0.60	1.37	640	3.6	12.6	**8.5**	0.41	0.94	*C25*
Nose, sinuses etc.	36	0.2	0.8	**0.8**	0.05	0.08	23	0.1	0.5	**0.3**	0.02	0.02	*C30-31*
Larynx	442	2.1	9.8	**9.5**	0.63	1.16	94	0.5	1.8	**1.5**	0.09	0.19	*C32*
Trachea, bronchus and lung	3461	16.5	76.8	**74.8**	4.13	9.29	2044	11.4	40.2	**31.0**	1.81	3.89	*C33-34*
Other thoracic organs	25	0.1	0.6	**0.5**	0.03	0.06	19	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	26	0.1	0.6	**0.5**	0.04	0.05	49	0.3	1.0	**1.0**	0.07	0.08	*C40-41*
Melanoma of skin	31	0.1	0.7	**0.6**	0.03	0.06	38	0.2	0.7	**0.5**	0.02	0.07	*C43*
Other skin	45		1.0	**0.9**	0.06	0.09	49		1.0	**0.8**	0.06	0.07	*C44*
Mesothelioma	27	0.1	0.6	**0.6**	0.03	0.06	13	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	44	0.2	1.0	**0.9**	0.06	0.08	11	0.1	0.2	**0.2**	0.01	0.02	*C46*
Connective and soft tissue	116	0.6	2.6	**2.5**	0.16	0.22	150	0.8	3.0	**2.4**	0.17	0.26	*C47+C49*
Breast	60	0.3	1.3	**1.3**	0.07	0.14	5587	31.2	109.9	**86.9**	6.25	9.98	*C50*
Vulva							83	0.5	1.6	**1.2**	0.10	0.12	*C51*
Vagina							42	0.2	0.8	**0.6**	0.03	0.07	*C52*
Cervix uteri							464	2.6	9.1	**7.1**	0.53	0.72	*C53*
Corpus uteri							885	4.9	17.4	**14.3**	0.87	1.85	*C54*
Uterus unspecified							77	0.4	1.5	**1.3**	0.07	0.16	*C55*
Ovary							428	2.4	8.4	**6.7**	0.40	0.78	*C56*
Other female genital organs							19	0.1	0.4	**0.3**	0.02	0.04	*C57*
Placenta							3	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	31	0.1	0.7	**0.7**	0.04	0.07							*C60*
Prostate	7934	37.9	176.1	**176.5**	10.09	23.62							*C61*
Testis	89	0.4	2.0	**1.8**	0.14	0.14							*C62*
Other male genital organs	8	0.0	0.2	**0.2**	0.01	0.01							*C63*
Kidney	851	4.1	18.9	**18.2**	1.24	2.18	532	3.0	10.5	**8.4**	0.53	0.99	*C64*
Renal pelvis	19	0.1	0.4	**0.4**	0.02	0.05	13	0.1	0.3	**0.2**	0.01	0.01	*C65*
Ureter	7	0.0	0.2	**0.2**	0.01	0.03	8	0.0	0.2	**0.1**	0.00	0.01	*C66*
Bladder	532	2.5	11.8	**11.2**	0.48	1.31	289	1.6	5.7	**3.9**	0.16	0.47	*C67*
Other urinary organs	5	0.0	0.1	**0.1**	0.01	0.02	17	0.1	0.3	**0.2**	0.02	0.02	*C68*
Eye	10	0.0	0.2	**0.3**	0.02	0.02	8	0.0	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	199	1.0	4.4	**4.3**	0.28	0.39	175	1.0	3.4	**3.0**	0.20	0.27	*C70-72*
Thyroid	92	0.4	2.0	**1.9**	0.15	0.20	495	2.8	9.7	**8.2**	0.64	0.81	*C73*
Adrenal gland	7	0.0	0.2	**0.2**	0.01	0.01	15	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	8	0.0	0.2	**0.2**	0.01	0.02	16	0.1	0.3	**0.3**	0.02	0.03	*C75*
Hodgkin lymphoma	122	0.6	2.7	**2.5**	0.18	0.22	108	0.6	2.1	**1.9**	0.14	0.15	*C81*
Non-Hodgkin lymphoma	572	2.7	12.7	**12.0**	0.74	1.29	558	3.1	11.0	**8.7**	0.54	0.96	*C82-85,C96*
Immunoproliferative diseases	5	0.0	0.1	**0.1**	0.01	0.01	3	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	407	1.9	9.0	**8.7**	0.45	1.03	460	2.6	9.0	**6.7**	0.39	0.82	*C90*
Lymphoid leukaemia	178	0.9	4.0	**4.0**	0.19	0.43	143	0.8	2.8	**2.3**	0.12	0.25	*C91*
Myeloid leukaemia	168	0.8	3.7	**3.6**	0.23	0.37	190	1.1	3.7	**3.1**	0.19	0.31	*C92-94*
Leukaemia unspecified	15	0.1	0.3	**0.3**	0.02	0.04	24	0.1	0.5	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	79	0.4	1.8	**1.7**	0.10	0.21	110	0.6	2.2	**1.7**	0.10	0.18	*MPD*
Myelodysplastic syndromes	68	0.3	1.5	**1.4**	0.05	0.16	92	0.5	1.8	**1.2**	0.04	0.14	*MDS*
Other and unspecified	440	2.1	9.8	**9.4**	0.49	1.07	538	3.0	10.6	**7.4**	0.40	0.79	*O&U*
All sites	20986		465.9	**454.8**	26.67	56.49	17951		353.1	**273.4**	17.43	31.54	*C00-96*
All sites except C44	20941	100.0	464.9	**453.9**	26.61	56.41	17902	100.0	352.2	**272.6**	17.37	31.47	*C00-96 exc. C44*

USA, North Carolina: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	158	0.2	1.0	**0.6**	0.03	0.08	51	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	755	0.9	4.7	**3.3**	0.25	0.41	305	0.4	1.9	**1.1**	0.08	0.12	*C01-02*
Mouth	525	0.6	3.3	**2.2**	0.14	0.26	388	0.5	2.4	**1.2**	0.06	0.14	*C03-06*
Salivary glands	257	0.3	1.6	**1.1**	0.05	0.12	143	0.2	0.9	**0.5**	0.04	0.06	*C07-08*
Tonsil	580	0.7	3.6	**2.6**	0.22	0.30	144	0.2	0.9	**0.6**	0.05	0.07	*C09*
Other oropharynx	145	0.2	0.9	**0.6**	0.05	0.08	50	0.1	0.3	**0.2**	0.01	0.03	*C10*
Nasopharynx	96	0.1	0.6	**0.4**	0.03	0.05	52	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	200	0.2	1.2	**0.9**	0.06	0.11	79	0.1	0.5	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	59	0.1	0.4	**0.3**	0.02	0.03	27	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	1311	1.5	8.1	**5.4**	0.32	0.66	356	0.4	2.2	**1.1**	0.05	0.14	*C15*
Stomach	1112	1.3	6.9	**4.5**	0.21	0.54	671	0.8	4.1	**2.0**	0.09	0.23	*C16*
Small intestine	388	0.4	2.4	**1.6**	0.10	0.20	320	0.4	1.9	**1.1**	0.07	0.14	*C17*
Colon	5939	6.8	36.9	**23.7**	1.19	2.79	5788	7.3	35.2	**17.5**	0.88	2.00	*C18*
Rectum	2665	3.0	16.6	**11.2**	0.70	1.36	1918	2.4	11.7	**6.6**	0.41	0.75	*C19-20*
Anus	192	0.2	1.2	**0.8**	0.06	0.09	389	0.5	2.4	**1.4**	0.10	0.16	*C21*
Liver	1230	1.4	7.6	**5.3**	0.33	0.62	454	0.6	2.8	**1.5**	0.07	0.17	*C22*
Gallbladder etc.	368	0.4	2.3	**1.4**	0.06	0.16	442	0.6	2.7	**1.3**	0.07	0.16	*C23-24*
Pancreas	1928	2.2	12.0	**7.7**	0.37	0.93	1938	2.4	11.8	**5.7**	0.26	0.67	*C25*
Nose, sinuses etc.	125	0.1	0.8	**0.5**	0.03	0.06	115	0.1	0.7	**0.4**	0.03	0.05	*C30-31*
Larynx	1217	1.4	7.6	**5.1**	0.31	0.65	345	0.4	2.1	**1.3**	0.09	0.18	*C32*
Trachea, bronchus and lung	15796	18.0	98.2	**63.1**	2.86	8.11	12150	15.3	73.9	**40.4**	2.06	5.26	*C33-34*
Other thoracic organs	75	0.1	0.5	**0.4**	0.03	0.04	54	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	199	0.2	1.2	**1.2**	0.07	0.10	147	0.2	0.9	**0.9**	0.06	0.06	*C40-41*
Melanoma of skin	4491	5.1	27.9	**19.3**	1.17	2.19	3462	4.4	21.1	**15.0**	1.07	1.50	*C43*
Other skin	277		1.7	**1.1**	0.05	0.12	192		1.2	**0.7**	0.04	0.07	*C44*
Mesothelioma	259	0.3	1.6	**1.0**	0.04	0.11	61	0.1	0.4	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	54	0.1	0.3	**0.2**	0.02	0.02	5	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	603	0.7	3.7	**2.8**	0.16	0.28	459	0.6	2.8	**1.9**	0.12	0.19	*C47+C49*
Breast	217	0.2	1.3	**0.9**	0.05	0.10	23103	29.1	140.5	**87.3**	6.14	10.17	*C50*
Vulva							461	0.6	2.8	**1.6**	0.11	0.17	*C51*
Vagina							129	0.2	0.8	**0.4**	0.02	0.05	*C52*
Cervix uteri							1293	1.6	7.9	**6.0**	0.49	0.57	*C53*
Corpus uteri							4004	5.0	24.4	**15.3**	1.11	1.84	*C54*
Uterus unspecified							132	0.2	0.8	**0.5**	0.03	0.05	*C55*
Ovary							2523	3.2	15.3	**9.3**	0.59	1.07	*C56*
Other female genital organs							114	0.1	0.7	**0.4**	0.02	0.05	*C57*
Placenta							10	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	118	0.1	0.7	**0.5**	0.03	0.06							*C60*
Prostate	22981	26.2	142.9	**96.5**	5.07	13.25							*C61*
Testis	945	1.1	5.9	**5.5**	0.40	0.42							*C62*
Other male genital organs	23	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	3434	3.9	21.3	**14.7**	0.89	1.81	1886	2.4	11.5	**7.0**	0.44	0.81	*C64*
Renal pelvis	174	0.2	1.1	**0.7**	0.03	0.08	141	0.2	0.9	**0.4**	0.02	0.04	*C65*
Ureter	130	0.1	0.8	**0.5**	0.02	0.06	96	0.1	0.6	**0.3**	0.01	0.03	*C66*
Bladder	5938	6.8	36.9	**22.9**	0.94	2.72	1935	2.4	11.8	**5.8**	0.28	0.69	*C67*
Other urinary organs	37	0.0	0.2	**0.1**	0.01	0.02	25	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	215	0.2	1.3	**1.0**	0.06	0.11	165	0.2	1.0	**0.7**	0.05	0.07	*C69*
Brain, nervous system	1388	1.6	8.6	**7.1**	0.44	0.69	1152	1.5	7.0	**5.3**	0.33	0.49	*C70-72*
Thyroid	840	1.0	5.2	**3.9**	0.29	0.43	2546	3.2	15.5	**12.3**	0.94	1.17	*C73*
Adrenal gland	52	0.1	0.3	**0.4**	0.02	0.03	49	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	22	0.0	0.1	**0.1**	0.01	0.01	20	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	478	0.5	3.0	**2.6**	0.18	0.21	401	0.5	2.4	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	3641	4.2	22.6	**15.4**	0.86	1.75	3211	4.0	19.5	**10.9**	0.61	1.25	*C82-85,C96*
Immunoproliferative diseases	52	0.1	0.3	**0.2**	0.01	0.02	34	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	1020	1.2	6.3	**4.1**	0.19	0.49	847	1.1	5.2	**2.6**	0.13	0.33	*C90*
Lymphoid leukaemia	1224	1.4	7.6	**5.8**	0.30	0.56	855	1.1	5.2	**3.5**	0.17	0.32	*C91*
Myeloid leukaemia	1093	1.2	6.8	**4.7**	0.23	0.50	882	1.1	5.4	**3.4**	0.19	0.34	*C92-94*
Leukaemia unspecified	84	0.1	0.5	**0.3**	0.01	0.03	85	0.1	0.5	**0.2**	0.00	0.02	*C95*
Myeloproliferative disorders	375	0.4	2.3	**1.6**	0.09	0.18	389	0.5	2.4	**1.3**	0.07	0.14	*MPD*
Myelodysplastic syndromes	584	0.7	3.6	**2.1**	0.06	0.23	396	0.5	2.4	**1.1**	0.03	0.11	*MDS*
Other and unspecified	1917	2.2	11.9	**7.6**	0.35	0.83	2141	2.7	13.0	**6.0**	0.28	0.64	*O&U*
All sites	87986		547.0	**367.6**	19.46	45.06	79530		483.7	**288.0**	18.02	32.93	*C00-96*
All sites except C44	87709	100.0	545.2	**366.5**	19.41	44.94	79338	100.0	482.6	**287.3**	17.98	32.86	*C00-96 exc. C44*

USA, North Dakota

REGISTRATION AREA

The North Dakota Statewide Cancer Registry (NDSCR) covers the population of the state of North Dakota in the USA. The state is mainly rural, with an estimated population of 700 000 in 2012. The population is 90% White, 5.5% American Indian, and 4.5% of other races.

CANCER CARE FACILITIES

All health care facilities, health care providers, and laboratories (including pathology departments) that provide outpatient or inpatient services to diagnose and/or treat cancer patients in North Dakota must report to the NDSCR. Approximately 93% of the registry's incident cases are obtained from the six major reporting facilities' cancer registry programmes. The rest of the data are obtained through out-of-state data-sharing agreements, death clearance processes, individual physicians' offices, clinics, etc.

REGISTRY STRUCTURE AND METHODS

The NDSCR is a statewide population-based cancer registry located at the University of North Dakota School of Medicine and Health Sciences (UND SMHS) Department of Pathology. The UND SMHS is the bona fide operating agent of the NDSCR. The registry is authorized by law to collect cancer data for the purpose of preventing and controlling the disease, and to conduct public health surveillance, public health investigations, and interventions. The NDSCR was established in 1994, and incidence and mortality data collection officially began in January 1997 through administrative ruling. All in situ cancers, malignant cancers, and benign cancers of the central nervous system are reportable, with the exception of basal and squamous cell skin cancers. Federal and state laws protect the confidentiality of the medical information received. To assure accurate, complete, and reliable data, various edit metafiles are used in addition to visual review, external audits, and internal case-finding and re-abstracting audits. When data are released for publication, cells containing fewer than 5 cases are suppressed for confidentiality.

INTERPRETING THE RESULTS

NDSCR data on incidence numbers/rates, stage, treatment, etc. are analysed to help determine where additional screening measures should be implemented.

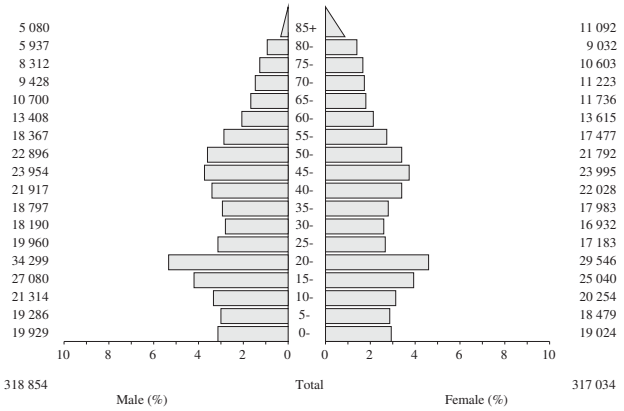
USE OF THE DATA

The North Dakota Comprehensive Cancer Program is a major user of registry data, in the programme's cancer burden document. Registry data are also used to fulfil data requests (both public and private), address cancer cluster concerns, perform research analysis, and publish an electronic annual report.

CONTRIBUTORS

Mary Ann Foss
Marlys Knell

USA, North Dakota (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	114.5	Breast	88.3
Trachea, bronchus and lung	46.3	Trachea, bronchus and lung	34.1
Colon	27.5	Colon	18.8
Bladder	24.1	Corpus uteri	18.6
Non-Hodgkin lymphoma	15.4	Melanoma of skin	12.7
Rectum	14.1	Thyroid	12.5
Kidney	12.9	Non-Hodgkin lymphoma	11.3
Melanoma of skin	12.0	Ovary	9.6
Pancreas	8.0	Rectum	7.6
Lymphoid leukaemia	7.9	Kidney	7.2
All sites	366.4	All sites	289.6

USA, North Dakota (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	89	1.0	5.6	**3.2**	0.11	0.36	13	0.2	0.8	**0.5**	0.04	0.06	*C00*
Tongue	53	0.6	3.3	**2.4**	0.20	0.27	23	0.3	1.5	**1.0**	0.08	0.12	*C01-02*
Mouth	41	0.5	2.6	**1.6**	0.10	0.20	27	0.3	1.7	**1.0**	0.06	0.12	*C03-06*
Salivary glands	17	0.2	1.1	**0.5**	0.02	0.05	14	0.2	0.9	**0.6**	0.03	0.06	*C07-08*
Tonsil	32	0.4	2.0	**1.6**	0.13	0.18	9	0.1	0.6	**0.5**	0.04	0.05	*C09*
Other oropharynx	3	0.0	0.2	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	8	0.1	0.5	**0.4**	0.02	0.05	3	0.0	0.2	**0.1**	0.00	0.00	*C11*
Hypopharynx	5	0.1	0.3	**0.3**	0.03	0.04	2	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	6	0.1	0.4	**0.3**	0.02	0.03	2	0.0	0.1	**0.1**	0.01	0.02	*C14*
Oesophagus	130	1.4	8.2	**5.1**	0.31	0.59	37	0.5	2.3	**1.4**	0.09	0.21	*C15*
Stomach	119	1.3	7.5	**4.7**	0.23	0.57	96	1.2	6.1	**2.8**	0.12	0.32	*C16*
Small intestine	40	0.4	2.5	**1.6**	0.09	0.17	28	0.4	1.8	**1.1**	0.07	0.15	*C17*
Colon	741	8.2	46.5	**27.5**	1.21	3.31	672	8.7	42.4	**18.8**	0.93	2.16	*C18*
Rectum	353	3.9	22.1	**14.1**	0.76	1.74	221	2.9	13.9	**7.6**	0.43	0.90	*C19-20*
Anus	6	0.1	0.4	**0.3**	0.02	0.03	18	0.2	1.1	**0.6**	0.05	0.07	*C21*
Liver	91	1.0	5.7	**3.9**	0.26	0.45	50	0.6	3.2	**1.4**	0.06	0.17	*C22*
Gallbladder etc.	34	0.4	2.1	**1.3**	0.07	0.15	56	0.7	3.5	**1.5**	0.04	0.20	*C23-24*
Pancreas	210	2.3	13.2	**8.0**	0.36	0.94	209	2.7	13.2	**5.6**	0.22	0.65	*C25*
Nose, sinuses etc.	11	0.1	0.7	**0.5**	0.02	0.06	9	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	96	1.1	6.0	**3.9**	0.24	0.46	23	0.3	1.5	**1.0**	0.09	0.13	*C32*
Trachea, bronchus and lung	1190	13.2	74.6	**46.3**	1.86	6.25	931	12.0	58.7	**34.1**	1.79	4.73	*C33-34*
Other thoracic organs	9	0.1	0.6	**0.5**	0.03	0.04	4	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	19	0.2	1.2	**1.1**	0.09	0.10	18	0.2	1.1	**0.9**	0.05	0.06	*C40-41*
Melanoma of skin	267	3.0	16.7	**12.0**	0.82	1.28	262	3.4	16.5	**12.7**	0.93	1.14	*C43*
Other skin	23		1.4	**0.8**	0.04	0.06	22		1.4	**0.7**	0.04	0.06	*C44*
Mesothelioma	32	0.4	2.0	**1.0**	0.03	0.09	11	0.1	0.7	**0.3**	0.01	0.05	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	74	0.8	4.6	**3.4**	0.18	0.34	48	0.6	3.0	**2.0**	0.12	0.22	*C47+C49*
Breast	17	0.2	1.1	**0.7**	0.04	0.08	2234	28.8	140.9	**88.3**	5.94	10.48	*C50*
Vulva							50	0.6	3.2	**1.5**	0.07	0.14	*C51*
Vagina							8	0.1	0.5	**0.2**	0.01	0.03	*C52*
Cervix uteri							82	1.1	5.2	**4.2**	0.34	0.42	*C53*
Corpus uteri							468	6.0	29.5	**18.6**	1.40	2.18	*C54*
Uterus unspecified							20	0.3	1.3	**0.8**	0.07	0.08	*C55*
Ovary							250	3.2	15.8	**9.6**	0.67	1.06	*C56*
Other female genital organs							7	0.1	0.4	**0.2**	0.01	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	11	0.1	0.7	**0.3**	0.00	0.03							*C60*
Prostate	2733	30.4	171.4	**114.5**	5.73	15.75							*C61*
Testis	94	1.0	5.9	**5.7**	0.42	0.44							*C62*
Other male genital organs	3	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	302	3.4	18.9	**12.9**	0.71	1.59	194	2.5	12.2	**7.2**	0.46	0.88	*C64*
Renal pelvis	12	0.1	0.8	**0.5**	0.03	0.07	10	0.1	0.6	**0.3**	0.01	0.03	*C65*
Ureter	14	0.2	0.9	**0.4**	0.01	0.04	7	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	663	7.4	41.6	**24.1**	1.07	2.75	213	2.7	13.4	**6.6**	0.30	0.84	*C67*
Other urinary organs	4	0.0	0.3	**0.2**	0.01	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	11	0.1	0.7	**0.5**	0.03	0.07	8	0.1	0.5	**0.4**	0.02	0.03	*C69*
Brain, nervous system	122	1.4	7.7	**6.7**	0.44	0.62	103	1.3	6.5	**4.9**	0.30	0.44	*C70-72*
Thyroid	90	1.0	5.6	**4.3**	0.31	0.47	242	3.1	15.3	**12.5**	0.96	1.21	*C73*
Adrenal gland	3	0.0	0.2	**0.3**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C74*
Other endocrine	2	0.0	0.1	**0.2**	0.01	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	43	0.5	2.7	**2.5**	0.18	0.19	36	0.5	2.3	**2.3**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	379	4.2	23.8	**15.4**	0.81	1.69	327	4.2	20.6	**11.3**	0.61	1.28	*C82-85,C96*
Immunoproliferative diseases	10	0.1	0.6	**0.3**	0.02	0.03	8	0.1	0.5	**0.2**	0.00	0.02	*C88*
Multiple myeloma	112	1.2	7.0	**4.4**	0.21	0.53	98	1.3	6.2	**3.2**	0.14	0.40	*C90*
Lymphoid leukaemia	187	2.1	11.7	**7.9**	0.42	0.76	144	1.9	9.1	**5.9**	0.31	0.61	*C91*
Myeloid leukaemia	116	1.3	7.3	**4.5**	0.24	0.41	84	1.1	5.3	**3.2**	0.19	0.36	*C92-94*
Leukaemia unspecified	3	0.0	0.2	**0.2**	0.02	0.02	3	0.0	0.2	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	83	0.9	5.2	**3.3**	0.18	0.40	81	1.0	5.1	**2.9**	0.14	0.35	*MPD*
Myelodysplastic syndromes	137	1.5	8.6	**4.4**	0.13	0.41	71	0.9	4.5	**2.0**	0.08	0.25	*MDS*
Other and unspecified	157	1.7	9.8	**5.8**	0.28	0.66	213	2.7	13.4	**5.9**	0.33	0.63	*O&U*
All sites	9007		565.0	**366.4**	18.58	44.93	7774		490.4	**289.6**	17.85	33.70	*C00-96*
All sites except C44	8984	100.0	563.5	**365.6**	18.54	44.87	7752	100.0	489.0	**288.9**	17.81	33.64	*C00-96 exc. C44*

USA, Ohio

REGISTRATION AREA
The Ohio Cancer Incidence Surveillance System (OCISS) at the Ohio Department of Health (ODH) collects and analyses cancer incidence data pertaining to all residents of the state of Ohio in the USA. Information about Ohio is available from http://development.ohio.gov/files/research/C1001.pdf.

CANCER CARE FACILITIES
The OCISS collects cancer reports from hospitals, physicians' offices, laboratories, and outpatient ambulatory and radiation therapy centres.

REGISTRY STRUCTURE AND METHODS
The OCISS collects information on incident cases of cancer. The data collected include patient demographics and information on cancer diagnosis, staging, and first course of treatment.

INTERPRETING THE RESULTS
Together with a variety of partners inside and outside the ODH, the OCISS works to reduce the burden of cancer. Information about the cancer programmes administered by the ODH is available from the department's website (http://www.healthy.ohio.gov/cancer/cancprgms.aspx).

USE OF THE DATA
OCISS publications are available from the ODH website (http://www.healthy.ohio.gov/cancer/ocisshs/newrpts1.aspx).

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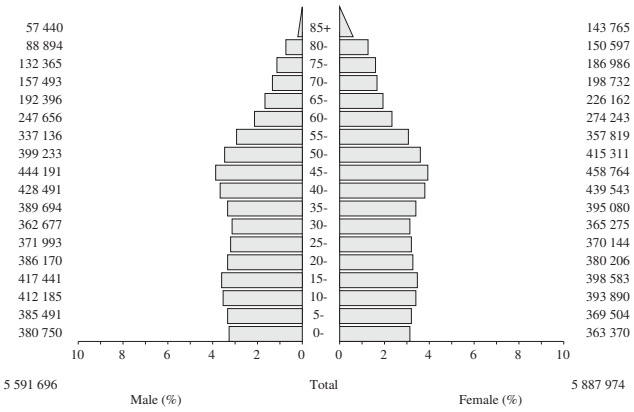
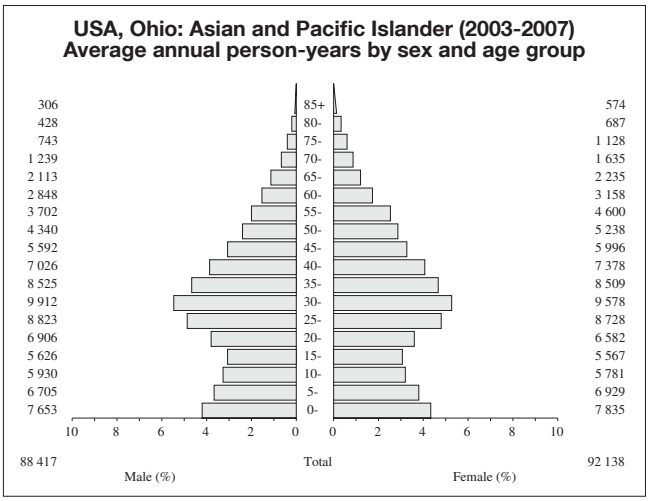
USA, Ohio (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

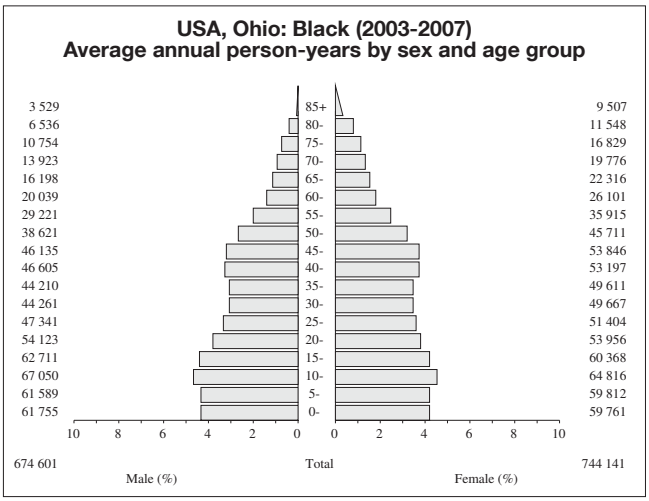
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	98.8	Breast	84.3
Trachea, bronchus and lung	60.4	Trachea, bronchus and lung	39.6
Colon	24.6	Colon	19.8
Bladder	22.4	Corpus uteri	19.6
Non-Hodgkin lymphoma	15.5	Melanoma of skin	12.5
Melanoma of skin	14.5	Thyroid	11.4
Kidney	13.1	Non-Hodgkin lymphoma	11.0
Rectum	11.7	Ovary	8.9
Pancreas	8.3	Kidney	7.7
Other and unspecified	8.1	Rectum	7.1
All sites	360.6	All sites	289.9



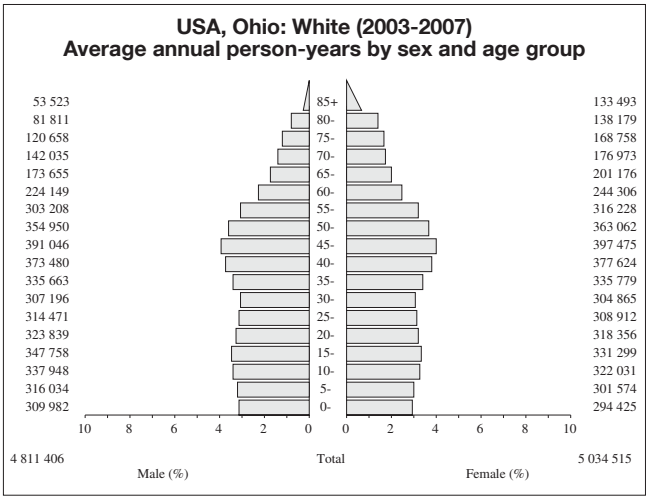
USA, OHIO: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	23.3	Breast	30.5
Trachea, bronchus and lung	17.3	Trachea, bronchus and lung	14.2
Colon	9.4	Colon	8.5
Liver	7.5	Rectum	5.5
Bladder	6.5	Thyroid	5.3
Non-Hodgkin lymphoma	6.1	Corpus uteri	5.0
Stomach	5.7	Ovary	4.7
Pancreas	4.4	Stomach	3.8
Other and unspecified	3.8	Non-Hodgkin lymphoma	3.8
Rectum	3.7	Cervix uteri	3.5
All sites	112.4	All sites	111.6



USA, OHIO: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	152.8	Breast	83.8
Trachea, bronchus and lung	76.5	Trachea, bronchus and lung	45.8
Colon	31.3	Colon	24.5
Kidney	16.1	Corpus uteri	13.3
Bladder	12.1	Kidney	8.8
Non-Hodgkin lymphoma	11.7	Other and unspecified	8.3
Pancreas	11.4	Pancreas	8.2
Liver	11.1	Non-Hodgkin lymphoma	8.1
Rectum	10.9	Thyroid	7.6
Other and unspecified	10.0	Cervix uteri	7.0
All sites	422.6	All sites	284.4



USA, OHIO: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	90.1	Breast	83.4
Trachea, bronchus and lung	59.0	Trachea, bronchus and lung	39.0
Colon	23.8	Corpus uteri	20.2
Bladder	22.8	Colon	18.9
Non-Hodgkin lymphoma	15.7	Melanoma of skin	12.9
Melanoma of skin	15.4	Thyroid	11.7
Kidney	12.8	Non-Hodgkin lymphoma	11.0
Rectum	11.6	Ovary	9.2
Pancreas	7.9	Kidney	7.6
Other and unspecified	7.9	Rectum	6.9
All sites	349.1	All sites	286.8

USA, Ohio (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	145	0.1	0.5	**0.3**	0.02	0.04	44	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	1212	0.8	4.3	**3.1**	0.23	0.37	526	0.4	1.8	**1.1**	0.08	0.13	*C01-02*
Mouth	739	0.5	2.6	**1.9**	0.13	0.23	538	0.4	1.8	**1.0**	0.06	0.12	*C03-06*
Salivary glands	420	0.3	1.5	**1.0**	0.05	0.10	316	0.2	1.1	**0.7**	0.05	0.08	*C07-08*
Tonsil	783	0.5	2.8	**2.0**	0.17	0.24	200	0.1	0.7	**0.5**	0.03	0.06	*C09*
Other oropharynx	241	0.2	0.9	**0.6**	0.04	0.08	81	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	221	0.1	0.8	**0.6**	0.04	0.07	81	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	318	0.2	1.1	**0.8**	0.06	0.10	90	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	96	0.1	0.3	**0.2**	0.02	0.03	33	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	2745	1.9	9.8	**6.5**	0.35	0.82	741	0.5	2.5	**1.3**	0.06	0.15	*C15*
Stomach	2327	1.6	8.3	**5.3**	0.25	0.62	1503	1.1	5.1	**2.5**	0.12	0.27	*C16*
Small intestine	656	0.4	2.3	**1.6**	0.09	0.19	609	0.4	2.1	**1.2**	0.07	0.15	*C17*
Colon	10895	7.4	39.0	**24.6**	1.11	2.85	11985	8.4	40.7	**19.8**	0.93	2.25	*C18*
Rectum	4838	3.3	17.3	**11.7**	0.66	1.41	3737	2.6	12.7	**7.1**	0.42	0.85	*C19-20*
Anus	347	0.2	1.2	**0.9**	0.05	0.10	588	0.4	2.0	**1.3**	0.09	0.14	*C21*
Liver	1990	1.3	7.1	**4.8**	0.30	0.57	916	0.6	3.1	**1.7**	0.09	0.19	*C22*
Gallbladder etc.	614	0.4	2.2	**1.3**	0.06	0.14	847	0.6	2.9	**1.4**	0.06	0.16	*C23-24*
Pancreas	3547	2.4	12.7	**8.3**	0.43	0.98	3602	2.5	12.2	**6.0**	0.27	0.70	*C25*
Nose, sinuses etc.	250	0.2	0.9	**0.6**	0.04	0.07	164	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	2163	1.5	7.7	**5.4**	0.34	0.68	636	0.4	2.2	**1.4**	0.10	0.18	*C32*
Trachea, bronchus and lung	25915	17.5	92.7	**60.4**	2.80	7.61	20941	14.8	71.1	**39.6**	1.98	5.14	*C33-34*
Other thoracic organs	150	0.1	0.5	**0.4**	0.03	0.04	108	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	312	0.2	1.1	**1.0**	0.07	0.09	250	0.2	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	5840	3.9	20.9	**14.5**	0.88	1.62	5068	3.6	17.2	**12.5**	0.90	1.26	*C43*
Other skin	407		1.5	**1.0**	0.05	0.09	374		1.3	**0.8**	0.05	0.08	*C44*
Mesothelioma	524	0.4	1.9	**1.1**	0.04	0.14	149	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	102	0.1	0.4	**0.3**	0.02	0.02	10	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	1108	0.7	4.0	**2.9**	0.17	0.29	900	0.6	3.1	**2.1**	0.13	0.20	*C47+C49*
Breast	328	0.2	1.2	**0.8**	0.04	0.09	39558	27.9	134.4	**84.3**	5.90	9.75	*C50*
Vulva							870	0.6	3.0	**1.7**	0.10	0.18	*C51*
Vagina							224	0.2	0.8	**0.4**	0.02	0.04	*C52*
Cervix uteri							2453	1.7	8.3	**6.4**	0.50	0.63	*C53*
Corpus uteri							8948	6.3	30.4	**19.6**	1.44	2.41	*C54*
Uterus unspecified							257	0.2	0.9	**0.5**	0.03	0.05	*C55*
Ovary							4254	3.0	14.4	**8.9**	0.61	1.01	*C56*
Other female genital organs							165	0.1	0.6	**0.3**	0.02	0.04	*C57*
Placenta							16	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	195	0.1	0.7	**0.5**	0.03	0.05							*C60*
Prostate	40283	27.2	144.1	**98.8**	4.98	13.38							*C61*
Testis	1541	1.0	5.5	**5.2**	0.39	0.40							*C62*
Other male genital organs	54	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	5163	3.5	18.5	**13.1**	0.81	1.58	3654	2.6	12.4	**7.7**	0.47	0.92	*C64*
Renal pelvis	244	0.2	0.9	**0.6**	0.03	0.07	172	0.1	0.6	**0.3**	0.01	0.03	*C65*
Ureter	171	0.1	0.6	**0.4**	0.01	0.04	118	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	10067	6.8	36.0	**22.4**	0.91	2.62	3387	2.4	11.5	**5.7**	0.27	0.69	*C67*
Other urinary organs	68	0.0	0.2	**0.1**	0.01	0.02	41	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	267	0.2	1.0	**0.8**	0.04	0.07	203	0.1	0.7	**0.6**	0.03	0.05	*C69*
Brain, nervous system	2213	1.5	7.9	**6.6**	0.41	0.62	1928	1.4	6.5	**5.0**	0.30	0.47	*C70-72*
Thyroid	1268	0.9	4.5	**3.5**	0.26	0.37	4204	3.0	14.3	**11.4**	0.89	1.11	*C73*
Adrenal gland	93	0.1	0.3	**0.4**	0.02	0.02	94	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	30	0.0	0.1	**0.1**	0.01	0.01	40	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	926	0.6	3.3	**3.0**	0.20	0.26	824	0.6	2.8	**2.6**	0.17	0.20	*C81*
Non-Hodgkin lymphoma	6289	4.2	22.5	**15.5**	0.88	1.71	5685	4.0	19.3	**11.0**	0.62	1.26	*C82-85,C96*
Immunoproliferative diseases	97	0.1	0.3	**0.2**	0.01	0.03	79	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	1747	1.2	6.2	**4.1**	0.22	0.49	1551	1.1	5.3	**2.8**	0.14	0.34	*C90*
Lymphoid leukaemia	1827	1.2	6.5	**5.1**	0.26	0.49	1295	0.9	4.4	**3.1**	0.16	0.28	*C91*
Myeloid leukaemia	1774	1.2	6.3	**4.5**	0.23	0.46	1558	1.1	5.3	**3.2**	0.19	0.33	*C92-94*
Leukaemia unspecified	211	0.1	0.8	**0.5**	0.02	0.04	201	0.1	0.7	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	485	0.3	1.7	**1.2**	0.07	0.14	559	0.4	1.9	**1.1**	0.06	0.12	*MPD*
Myelodysplastic syndromes	860	0.6	3.1	**1.8**	0.06	0.18	713	0.5	2.4	**1.1**	0.04	0.13	*MDS*
Other and unspecified	3524	2.4	12.6	**8.1**	0.40	0.92	4134	2.9	14.0	**6.8**	0.33	0.74	*O&U*
All sites	148630		531.6	**360.6**	18.76	43.66	142222		483.1	**289.9**	18.01	33.23	*C00-96*
All sites except C44	148223	100.0	530.2	**359.6**	18.71	43.57	141848	100.0	481.8	**289.1**	17.96	33.15	*C00-96 exc. C44*

USA, Ohio: Asian and Pacific Islander (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	3	0.7	0.7	**0.8**	0.04	0.08	4	0.7	0.9	**0.7**	0.03	0.09	*C01-02*
Mouth	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.2	**0.2**	0.00	0.00	*C03-06*
Salivary glands	1	0.2	0.2	**0.2**	0.02	0.02	3	0.5	0.7	**0.7**	0.03	0.09	*C07-08*
Tonsil	3	0.7	0.7	**0.7**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.2	**0.2**	0.00	0.00	*C10*
Nasopharynx	6	1.3	1.4	**1.1**	0.07	0.15	1	0.2	0.2	**0.2**	0.01	0.01	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.2	0.2	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	3	0.7	0.7	**0.8**	0.05	0.05	5	0.9	1.1	**1.1**	0.04	0.21	*C15*
Stomach	23	5.2	5.2	**5.7**	0.32	0.64	20	3.6	4.3	**3.8**	0.20	0.45	*C16*
Small intestine	1	0.2	0.2	**0.3**	0.00	0.05	2	0.4	0.4	**0.4**	0.02	0.02	*C17*
Colon	37	8.3	8.4	**9.4**	0.41	1.18	44	8.0	9.6	**8.5**	0.39	0.86	*C18*
Rectum	16	3.6	3.6	**3.7**	0.20	0.43	27	4.9	5.9	**5.5**	0.33	0.67	*C19-20*
Anus	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C21*
Liver	30	6.7	6.8	**7.5**	0.42	0.77	13	2.4	2.8	**3.0**	0.14	0.38	*C22*
Gallbladder etc.	2	0.4	0.5	**0.5**	0.04	0.04	2	0.4	0.4	**0.5**	0.03	0.09	*C23-24*
Pancreas	18	4.0	4.1	**4.4**	0.19	0.42	13	2.4	2.8	**2.8**	0.03	0.37	*C25*
Nose, sinuses etc.	1	0.2	0.2	**0.2**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.2	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	66	14.8	14.9	**17.3**	0.68	1.93	69	12.5	15.0	**14.2**	0.48	1.72	*C33-34*
Other thoracic organs	1	0.2	0.2	**0.3**	0.00	0.05	3	0.5	0.7	**0.6**	0.01	0.06	*C37-38*
Bone	1	0.2	0.2	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C40-41*
Melanoma of skin	9	2.0	2.0	**1.9**	0.10	0.18	2	0.4	0.4	**0.4**	0.01	0.06	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	3		0.7	**0.6**	0.04	0.04	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.2	**0.2**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.2	0.2	**0.3**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	5	1.1	1.1	**1.3**	0.07	0.07	2	0.4	0.4	**0.4**	0.04	0.04	*C47+C49*
Breast	1	0.2	0.2	**0.3**	0.00	0.00	151	27.4	32.8	**30.5**	2.10	3.65	*C50*
Vulva							0	0.0	0.0	**0.0**	0.00	0.00	*C51*
Vagina							3	0.5	0.7	**0.7**	0.00	0.09	*C52*
Cervix uteri							19	3.4	4.1	**3.5**	0.30	0.34	*C53*
Corpus uteri							26	4.7	5.6	**5.0**	0.45	0.55	*C54*
Uterus unspecified							2	0.4	0.4	**0.4**	0.03	0.03	*C55*
Ovary							21	3.8	4.6	**4.7**	0.27	0.55	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	84	18.9	19.0	**23.3**	1.12	3.14							*C61*
Testis	4	0.9	0.9	**0.7**	0.05	0.05							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	10	2.2	2.3	**2.6**	0.12	0.41	10	1.8	2.2	**1.8**	0.16	0.21	*C64*
Renal pelvis	1	0.2	0.2	**0.3**	0.00	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.2	**0.2**	0.00	0.00	*C66*
Bladder	25	5.6	5.7	**6.5**	0.21	0.84	7	1.3	1.5	**1.6**	0.10	0.25	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.2	**0.2**	0.02	0.02	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	9	2.0	2.0	**2.2**	0.13	0.25	9	1.6	2.0	**2.0**	0.16	0.16	*C70-72*
Thyroid	4	0.9	0.9	**0.7**	0.06	0.06	29	5.3	6.3	**5.3**	0.42	0.53	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	2	0.4	0.4	**0.3**	0.03	0.03	*C75*
Hodgkin lymphoma	3	0.7	0.7	**0.5**	0.04	0.04	2	0.4	0.4	**0.3**	0.02	0.02	*C81*
Non-Hodgkin lymphoma	27	6.1	6.1	**6.1**	0.32	0.62	19	3.4	4.1	**3.8**	0.23	0.34	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	7	1.6	1.6	**1.6**	0.08	0.17	4	0.7	0.9	**0.8**	0.08	0.08	*C90*
Lymphoid leukaemia	8	1.8	1.8	**2.4**	0.11	0.19	1	0.2	0.2	**0.3**	0.01	0.01	*C91*
Myeloid leukaemia	12	2.7	2.7	**2.7**	0.19	0.24	9	1.6	2.0	**1.9**	0.13	0.24	*C92-94*
Leukaemia unspecified	2	0.4	0.5	**0.5**	0.02	0.02	1	0.2	0.2	**0.2**	0.00	0.06	*C95*
Myeloproliferative disorders	2	0.4	0.5	**0.4**	0.05	0.05	4	0.7	0.9	**0.8**	0.02	0.06	*MPD*
Myelodysplastic syndromes	3	0.7	0.7	**0.9**	0.00	0.16	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	15	3.4	3.4	**3.8**	0.11	0.29	16	2.9	3.5	**3.4**	0.16	0.35	*O&U*
All sites	445		100.7	**112.4**	5.37	12.77	554		120.3	**111.6**	6.57	12.75	*C00-96*
All sites except C44	445	100.0	100.7	**112.4**	5.37	12.77	551	100.0	119.6	**111.0**	6.53	12.71	*C00-96 exc. C44*

USA, Ohio: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	95	0.6	2.8	**2.8**	0.22	0.37	41	0.3	1.1	**0.9**	0.07	0.10	*C01-02*
Mouth	81	0.6	2.4	**2.3**	0.15	0.30	45	0.3	1.2	**1.0**	0.07	0.12	*C03-06*
Salivary glands	24	0.2	0.7	**0.7**	0.05	0.07	35	0.3	0.9	**0.8**	0.06	0.09	*C07-08*
Tonsil	80	0.5	2.4	**2.3**	0.18	0.26	21	0.2	0.6	**0.5**	0.03	0.06	*C09*
Other oropharynx	37	0.3	1.1	**1.1**	0.07	0.14	6	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	41	0.3	1.2	**1.1**	0.08	0.12	10	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	33	0.2	1.0	**0.9**	0.07	0.11	16	0.1	0.4	**0.4**	0.04	0.04	*C12-13*
Pharynx unspecified	20	0.1	0.6	**0.6**	0.04	0.07	3	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	202	1.4	6.0	**6.0**	0.34	0.77	114	0.8	3.1	**2.2**	0.13	0.26	*C15*
Stomach	310	2.1	9.2	**8.6**	0.43	0.99	277	2.0	7.4	**5.0**	0.25	0.51	*C16*
Small intestine	102	0.7	3.0	**2.9**	0.19	0.34	113	0.8	3.0	**2.4**	0.13	0.32	*C17*
Colon	1116	7.6	33.1	**31.3**	1.62	3.74	1268	9.3	34.1	**24.5**	1.41	2.81	*C18*
Rectum	394	2.7	11.7	**10.9**	0.71	1.26	341	2.5	9.2	**6.9**	0.42	0.81	*C19-20*
Anus	48	0.3	1.4	**1.3**	0.09	0.15	45	0.3	1.2	**1.0**	0.07	0.11	*C21*
Liver	385	2.6	11.4	**11.1**	0.82	1.38	140	1.0	3.8	**2.9**	0.20	0.35	*C22*
Gallbladder etc.	57	0.4	1.7	**1.6**	0.07	0.19	86	0.6	2.3	**1.6**	0.07	0.18	*C23-24*
Pancreas	403	2.8	11.9	**11.4**	0.70	1.40	439	3.2	11.8	**8.2**	0.41	0.94	*C25*
Nose, sinuses etc.	23	0.2	0.7	**0.6**	0.03	0.06	24	0.2	0.6	**0.5**	0.03	0.05	*C30-31*
Larynx	234	1.6	6.9	**6.9**	0.44	0.90	81	0.6	2.2	**1.9**	0.14	0.25	*C32*
Trachea, bronchus and lung	2713	18.6	80.4	**76.5**	3.97	9.58	2242	16.5	60.3	**45.8**	2.54	5.77	*C33-34*
Other thoracic organs	13	0.1	0.4	**0.3**	0.02	0.03	23	0.2	0.6	**0.5**	0.04	0.06	*C37-38*
Bone	39	0.3	1.2	**1.1**	0.08	0.08	34	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	26	0.2	0.8	**0.7**	0.03	0.06	37	0.3	1.0	**0.9**	0.07	0.09	*C43*
Other skin	30		0.9	**0.8**	0.06	0.07	47		1.3	**1.1**	0.09	0.10	*C44*
Mesothelioma	23	0.2	0.7	**0.7**	0.04	0.09	7	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	20	0.1	0.6	**0.5**	0.04	0.04	4	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	111	0.8	3.3	**3.1**	0.21	0.28	94	0.7	2.5	**2.2**	0.15	0.22	*C47+C49*
Breast	37	0.3	1.1	**1.0**	0.04	0.11	3925	28.8	105.5	**83.8**	5.93	9.60	*C50*
Vulva							47	0.3	1.3	**1.0**	0.08	0.10	*C51*
Vagina							29	0.2	0.8	**0.5**	0.03	0.06	*C52*
Cervix uteri							311	2.3	8.4	**7.0**	0.52	0.75	*C53*
Corpus uteri							615	4.5	16.5	**13.3**	0.81	1.72	*C54*
Uterus unspecified							37	0.3	1.0	**0.8**	0.05	0.09	*C55*
Ovary							309	2.3	8.3	**6.5**	0.38	0.74	*C56*
Other female genital organs							19	0.1	0.5	**0.4**	0.03	0.05	*C57*
Placenta							7	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	15	0.1	0.4	**0.5**	0.04	0.04							*C60*
Prostate	5106	34.9	151.4	**152.8**	8.59	20.83							*C61*
Testis	55	0.4	1.6	**1.5**	0.12	0.12							*C62*
Other male genital organs	2	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	558	3.8	16.5	**16.1**	1.02	1.98	404	3.0	10.9	**8.8**	0.56	1.01	*C64*
Renal pelvis	9	0.1	0.3	**0.3**	0.00	0.04	7	0.1	0.2	**0.1**	0.01	0.02	*C65*
Ureter	7	0.0	0.2	**0.2**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C66*
Bladder	430	2.9	12.7	**12.1**	0.53	1.48	226	1.7	6.1	**4.1**	0.19	0.44	*C67*
Other urinary organs	8	0.1	0.2	**0.2**	0.01	0.03	12	0.1	0.3	**0.3**	0.01	0.04	*C68*
Eye	18	0.1	0.5	**0.6**	0.03	0.03	20	0.1	0.5	**0.7**	0.03	0.04	*C69*
Brain, nervous system	133	0.9	3.9	**3.8**	0.22	0.37	108	0.8	2.9	**2.6**	0.15	0.23	*C70-72*
Thyroid	78	0.5	2.3	**2.1**	0.16	0.22	329	2.4	8.8	**7.6**	0.59	0.81	*C73*
Adrenal gland	9	0.1	0.3	**0.3**	0.02	0.02	8	0.1	0.2	**0.2**	0.02	0.02	*C74*
Other endocrine	3	0.0	0.1	**0.1**	0.00	0.00	8	0.1	0.2	**0.2**	0.02	0.02	*C75*
Hodgkin lymphoma	81	0.6	2.4	**2.3**	0.15	0.22	95	0.7	2.6	**2.4**	0.17	0.20	*C81*
Non-Hodgkin lymphoma	421	2.9	12.5	**11.7**	0.71	1.30	374	2.7	10.1	**8.1**	0.51	0.90	*C82-85,C96*
Immunoproliferative diseases	3	0.0	0.1	**0.1**	0.01	0.01	4	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	298	2.0	8.8	**8.6**	0.52	1.05	292	2.1	7.8	**5.9**	0.34	0.72	*C90*
Lymphoid leukaemia	142	1.0	4.2	**4.0**	0.21	0.40	103	0.8	2.8	**2.2**	0.12	0.25	*C91*
Myeloid leukaemia	131	0.9	3.9	**3.6**	0.19	0.33	165	1.2	4.4	**3.8**	0.25	0.43	*C92-94*
Leukaemia unspecified	12	0.1	0.4	**0.3**	0.01	0.04	16	0.1	0.4	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	35	0.2	1.0	**1.0**	0.05	0.11	58	0.4	1.6	**1.2**	0.06	0.15	*MPD*
Myelodysplastic syndromes	48	0.3	1.4	**1.2**	0.04	0.12	80	0.6	2.2	**1.4**	0.05	0.17	*MDS*
Other and unspecified	354	2.4	10.5	**10.0**	0.53	1.16	459	3.4	12.3	**8.3**	0.42	0.88	*O&U*
All sites	14654		434.4	**422.6**	23.99	52.88	13663		367.2	**284.4**	17.86	32.83	*C00-96*
All sites except C44	14624	100.0	433.6	**421.8**	23.93	52.81	13616	100.0	366.0	**283.3**	17.78	32.73	*C00-96 exc. C44*

USA, Ohio: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	138	0.1	0.6	**0.4**	0.02	0.04	40	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	1093	0.8	4.5	**3.1**	0.24	0.37	472	0.4	1.9	**1.1**	0.08	0.13	*C01-02*
Mouth	648	0.5	2.7	**1.8**	0.12	0.22	480	0.4	1.9	**1.0**	0.06	0.12	*C03-06*
Salivary glands	386	0.3	1.6	**1.0**	0.05	0.10	266	0.2	1.1	**0.7**	0.04	0.07	*C07-08*
Tonsil	695	0.5	2.9	**2.0**	0.18	0.24	179	0.1	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	201	0.2	0.8	**0.6**	0.04	0.07	73	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	173	0.1	0.7	**0.5**	0.03	0.06	67	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	281	0.2	1.2	**0.8**	0.05	0.10	74	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	74	0.1	0.3	**0.2**	0.02	0.02	30	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	2512	1.9	10.4	**6.6**	0.36	0.83	608	0.5	2.4	**1.1**	0.05	0.13	*C15*
Stomach	1960	1.5	8.1	**4.9**	0.23	0.58	1169	0.9	4.6	**2.2**	0.10	0.23	*C16*
Small intestine	543	0.4	2.3	**1.5**	0.08	0.18	481	0.4	1.9	**1.1**	0.07	0.13	*C17*
Colon	9580	7.4	39.8	**23.8**	1.05	2.74	10452	8.4	41.5	**18.9**	0.86	2.15	*C18*
Rectum	4334	3.3	18.0	**11.6**	0.65	1.41	3257	2.6	12.9	**6.9**	0.41	0.82	*C19-20*
Anus	295	0.2	1.2	**0.8**	0.05	0.10	533	0.4	2.1	**1.3**	0.09	0.14	*C21*
Liver	1545	1.2	6.4	**4.1**	0.24	0.48	747	0.6	3.0	**1.5**	0.07	0.17	*C22*
Gallbladder etc.	542	0.4	2.3	**1.3**	0.05	0.13	752	0.6	3.0	**1.3**	0.06	0.16	*C23-24*
Pancreas	3093	2.4	12.9	**7.9**	0.41	0.94	3126	2.5	12.4	**5.8**	0.26	0.67	*C25*
Nose, sinuses etc.	221	0.2	0.9	**0.6**	0.04	0.07	133	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	1905	1.5	7.9	**5.3**	0.33	0.66	548	0.4	2.2	**1.4**	0.09	0.17	*C32*
Trachea, bronchus and lung	22946	17.7	95.4	**59.0**	2.70	7.44	18489	14.8	73.4	**39.0**	1.93	5.07	*C33-34*
Other thoracic organs	135	0.1	0.6	**0.5**	0.03	0.04	79	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	267	0.2	1.1	**1.0**	0.06	0.09	212	0.2	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	5515	4.3	22.9	**15.4**	0.94	1.71	4559	3.7	18.1	**12.9**	0.93	1.30	*C43*
Other skin	361		1.5	**1.0**	0.05	0.09	307		1.2	**0.7**	0.04	0.07	*C44*
Mesothelioma	496	0.4	2.1	**1.2**	0.04	0.14	141	0.1	0.6	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	73	0.1	0.3	**0.2**	0.01	0.02	5	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	954	0.7	4.0	**2.7**	0.16	0.28	781	0.6	3.1	**2.1**	0.13	0.20	*C47+C49*
Breast	284	0.2	1.2	**0.8**	0.04	0.09	34761	27.8	138.1	**83.4**	5.83	9.67	*C50*
Vulva							810	0.6	3.2	**1.8**	0.11	0.19	*C51*
Vagina							189	0.2	0.8	**0.4**	0.02	0.04	*C52*
Cervix uteri							2080	1.7	8.3	**6.3**	0.49	0.61	*C53*
Corpus uteri							8127	6.5	32.3	**20.2**	1.50	2.47	*C54*
Uterus unspecified							216	0.2	0.9	**0.4**	0.03	0.04	*C55*
Ovary							3863	3.1	15.3	**9.2**	0.63	1.03	*C56*
Other female genital organs							143	0.1	0.6	**0.3**	0.02	0.04	*C57*
Placenta							7	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	178	0.1	0.7	**0.5**	0.02	0.05							*C60*
Prostate	33187	25.6	138.0	**90.1**	4.53	12.26							*C61*
Testis	1441	1.1	6.0	**5.7**	0.42	0.43							*C62*
Other male genital organs	50	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	4538	3.5	18.9	**12.8**	0.79	1.54	3204	2.6	12.7	**7.6**	0.46	0.91	*C64*
Renal pelvis	231	0.2	1.0	**0.6**	0.03	0.07	164	0.1	0.7	**0.3**	0.01	0.03	*C65*
Ureter	164	0.1	0.7	**0.4**	0.01	0.04	114	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	9302	7.2	38.7	**22.8**	0.93	2.67	3040	2.4	12.1	**5.7**	0.26	0.69	*C67*
Other urinary organs	60	0.0	0.2	**0.1**	0.01	0.01	28	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	247	0.2	1.0	**0.8**	0.04	0.08	179	0.1	0.7	**0.5**	0.03	0.05	*C69*
Brain, nervous system	2039	1.6	8.5	**6.9**	0.43	0.65	1792	1.4	7.1	**5.3**	0.32	0.51	*C70-72*
Thyroid	1146	0.9	4.8	**3.6**	0.27	0.38	3692	3.0	14.7	**11.7**	0.90	1.12	*C73*
Adrenal gland	83	0.1	0.3	**0.4**	0.02	0.02	86	0.1	0.3	**0.4**	0.02	0.03	*C74*
Other endocrine	26	0.0	0.1	**0.1**	0.01	0.01	30	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	816	0.6	3.4	**3.0**	0.21	0.26	703	0.6	2.8	**2.5**	0.17	0.20	*C81*
Non-Hodgkin lymphoma	5715	4.4	23.8	**15.7**	0.89	1.73	5138	4.1	20.4	**11.0**	0.61	1.28	*C82-85,C96*
Immunoproliferative diseases	92	0.1	0.4	**0.2**	0.01	0.03	73	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	1424	1.1	5.9	**3.6**	0.19	0.44	1235	1.0	4.9	**2.4**	0.12	0.29	*C90*
Lymphoid leukaemia	1642	1.3	6.8	**5.2**	0.26	0.50	1155	0.9	4.6	**3.2**	0.16	0.28	*C91*
Myeloid leukaemia	1611	1.2	6.7	**4.5**	0.23	0.47	1364	1.1	5.4	**3.2**	0.18	0.32	*C92-94*
Leukaemia unspecified	194	0.1	0.8	**0.5**	0.01	0.04	184	0.1	0.7	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	443	0.3	1.8	**1.2**	0.07	0.14	484	0.4	1.9	**1.1**	0.06	0.12	*MPD*
Myelodysplastic syndromes	802	0.6	3.3	**1.8**	0.06	0.19	622	0.5	2.5	**1.1**	0.04	0.12	*MDS*
Other and unspecified	3120	2.4	13.0	**7.9**	0.38	0.90	3610	2.9	14.3	**6.6**	0.32	0.72	*O&U*
All sites	129801		539.6	**349.1**	18.08	42.18	125153		497.2	**286.8**	17.78	32.86	*C00-96*
All sites except C44	129440	100.0	538.1	**348.2**	18.03	42.09	124846	100.0	496.0	**286.1**	17.74	32.79	*C00-96 exc. C44*

USA, Oklahoma

REGISTRATION AREA

The Oklahoma Central Cancer Registry (OCCR) covers the population of the state of Oklahoma in the USA. Oklahoma is a primarily rural state, with 35% of the population living in the two major metropolitan areas and 16 of the state's 77 counties (20%) designated as completely rural by the United States Department of Agriculture – with fewer than 2500 residents each. Oklahoma has one of the largest populations of American Indians of any state in the USA, with 8.9% of residents identifying as American Indian by 2011 United States Census Bureau estimates.

REGISTRY STRUCTURE AND METHODS

The OCCR is housed within the Oklahoma State Department of Health, and the registry collects, processes, and maintains data on the approximately 20 000 cases of cancer diagnosed and treated each year among the approximately 3.5 million residents of Oklahoma. To maintain these data, the OCCR has a staff of 10 dedicated registrars who work with the wide variety of facilities and physicians throughout the state. These activities are supported by state law requiring the reporting of cancer cases to the OCCR within 180 days of diagnosis. The OCCR is funded to conduct these activities by the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR).

INTERPRETING THE RESULTS

Breast and cervical cancer screening programmes in Oklahoma are funded by CDC's National Breast and Cervical Cancer Early Detection Program. Oklahoma also has a state-funded screening programme for colorectal cancer.

USE OF THE DATA

The OCCR staff members are dedicated to providing complete, timely, and high-quality data to clinicians, researchers, and public health officials for use in programme planning, resource allocation, and support of cancer research and analysis in the state and the USA. One of the most impactful processes that the OCCR participates in is linkage with the database of the Indian Health Services, which provides more accurate racial identification for the American Indian population. After linkage, the age-adjusted incidence rates double in this population, due to the major influence of racial misclassification. Data collected by the OCCR are often used directly for cancer prevention and control activities within Oklahoma. For example, OCCR data, in combination with behavioural risk factor and mortality data, are used to identify priority populations throughout the state to better allocate resources for breast and cervical cancer screening.

CONTRIBUTORS

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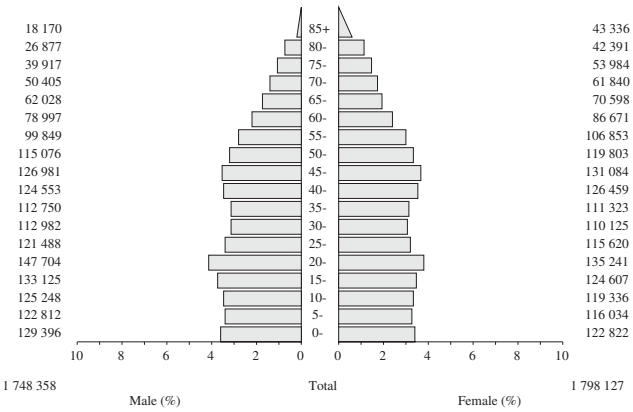
USA, Oklahoma (2003-2007)
Average annual person-years by sex and age group

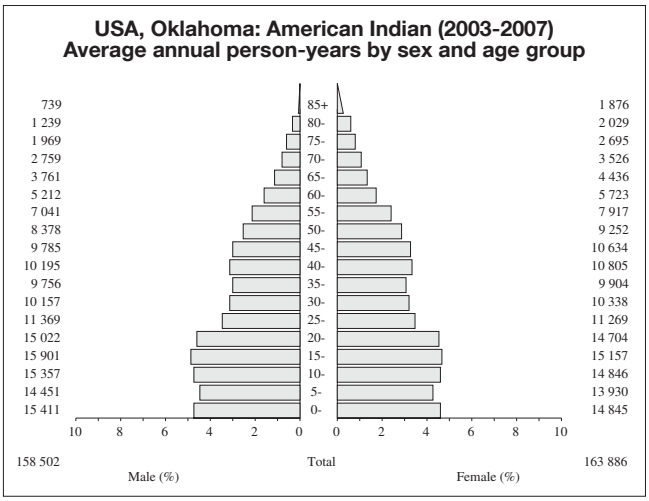


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

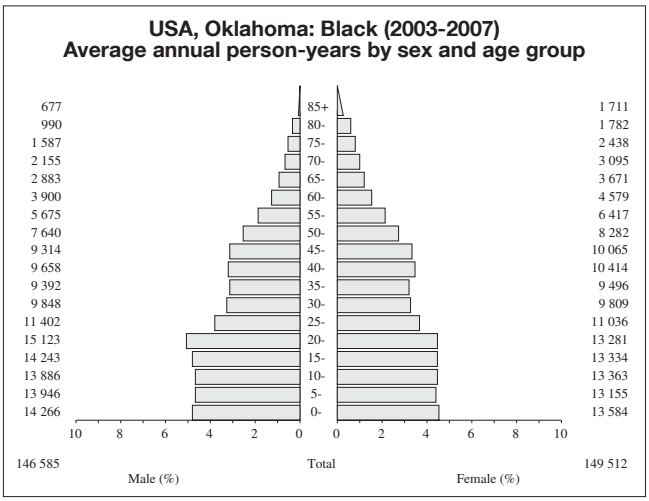
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	99.2	Breast	89.6
Trachea, bronchus and lung	66.8	Trachea, bronchus and lung	43.5
Colon	24.6	Colon	20.0
Bladder	20.8	Corpus uteri	13.8
Melanoma of skin	15.8	Non-Hodgkin lymphoma	12.1
Non-Hodgkin lymphoma	15.4	Melanoma of skin	11.7
Kidney	14.4	Ovary	9.4
Rectum	11.8	Thyroid	9.1
Pancreas	8.0	Kidney	7.9
Brain, nervous system	6.9	Cervix uteri	7.5
All sites	373.0	All sites	297.8



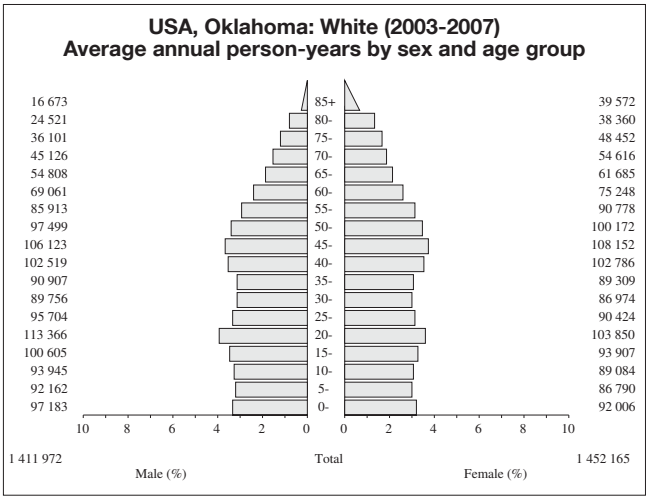
USA, OKLAHOMA: AMERICAN INDIAN
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	101.0	Breast	93.7
Trachea, bronchus and lung	82.5	Trachea, bronchus and lung	56.5
Colon	34.6	Colon	28.9
Kidney	23.2	Corpus uteri	18.1
Bladder	18.2	Kidney	15.8
Non-Hodgkin lymphoma	17.8	Non-Hodgkin lymphoma	14.0
Rectum	15.5	Rectum	12.0
Liver	11.7	Ovary	11.6
Other and unspecified	10.6	Thyroid	11.0
Stomach	9.4	Cervix uteri	10.5
All sites	426.9	All sites	363.3



USA, OKLAHOMA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	156.5	Breast	86.7
Trachea, bronchus and lung	80.1	Trachea, bronchus and lung	39.8
Colon	31.9	Colon	27.4
Kidney	12.9	Corpus uteri	11.9
Rectum	11.3	Pancreas	11.1
Bladder	10.8	Non-Hodgkin lymphoma	9.5
Pancreas	9.7	Multiple myeloma	8.6
Multiple myeloma	9.0	Kidney	7.0
Non-Hodgkin lymphoma	9.0	Other and unspecified	6.4
Liver	8.5	Cervix uteri	5.9
All sites	420.3	All sites	285.7



USA, OKLAHOMA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	94.5	Breast	89.3
Trachea, bronchus and lung	65.0	Trachea, bronchus and lung	42.9
Colon	23.4	Colon	18.7
Bladder	21.3	Corpus uteri	13.6
Melanoma of skin	17.4	Melanoma of skin	13.0
Non-Hodgkin lymphoma	15.4	Non-Hodgkin lymphoma	12.0
Kidney	13.8	Ovary	9.4
Rectum	11.4	Thyroid	9.3
Pancreas	7.9	Kidney	7.4
Brain, nervous system	7.1	Cervix uteri	7.3
All sites	363.9	All sites	292.8

USA, Oklahoma (2003-2007)

	Male						Female						
SITE	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	§No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	212	0.4	2.4	**1.7**	0.08	0.21	59	0.1	0.7	**0.3**	0.02	0.04	*C00*
Tongue	403	0.8	4.6	**3.4**	0.27	0.40	183	0.4	2.0	**1.4**	0.09	0.16	*C01-02*
Mouth	231	0.5	2.6	**1.9**	0.13	0.23	186	0.4	2.1	**1.1**	0.06	0.13	*C03-06*
Salivary glands	155	0.3	1.8	**1.1**	0.05	0.12	88	0.2	1.0	**0.6**	0.05	0.06	*C07-08*
Tonsil	250	0.5	2.9	**2.2**	0.18	0.25	65	0.2	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	57	0.1	0.7	**0.5**	0.03	0.06	23	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	68	0.1	0.8	**0.6**	0.04	0.06	36	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	111	0.2	1.3	**0.9**	0.05	0.12	22	0.1	0.2	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	48	0.1	0.5	**0.4**	0.02	0.05	11	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	719	1.5	8.2	**5.7**	0.34	0.74	175	0.4	1.9	**1.0**	0.05	0.14	*C15*
Stomach	676	1.4	7.7	**5.2**	0.26	0.64	423	1.0	4.7	**2.5**	0.13	0.28	*C16*
Small intestine	193	0.4	2.2	**1.5**	0.07	0.17	186	0.4	2.1	**1.3**	0.08	0.15	*C17*
Colon	3314	7.0	37.9	**24.6**	1.20	2.82	3449	8.0	38.4	**20.0**	1.03	2.29	*C18*
Rectum	1459	3.1	16.7	**11.8**	0.73	1.42	1131	2.6	12.6	**7.4**	0.46	0.86	*C19-20*
Anus	116	0.2	1.3	**1.0**	0.07	0.12	210	0.5	2.3	**1.6**	0.11	0.18	*C21*
Liver	757	1.6	8.7	**6.2**	0.40	0.71	348	0.8	3.9	**2.1**	0.11	0.22	*C22*
Gallbladder etc.	195	0.4	2.2	**1.5**	0.07	0.19	249	0.6	2.8	**1.4**	0.07	0.16	*C23-24*
Pancreas	1051	2.2	12.0	**8.0**	0.42	0.97	1049	2.4	11.7	**6.0**	0.30	0.71	*C25*
Nose, sinuses etc.	89	0.2	1.0	**0.7**	0.04	0.08	60	0.1	0.7	**0.4**	0.02	0.04	*C30-31*
Larynx	636	1.3	7.3	**5.2**	0.32	0.68	199	0.5	2.2	**1.5**	0.11	0.18	*C32*
Trachea, bronchus and lung	8753	18.5	100.1	**66.8**	3.15	8.51	6790	15.7	75.5	**43.5**	2.29	5.66	*C33-34*
Other thoracic organs	34	0.1	0.4	**0.3**	0.02	0.03	27	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	110	0.2	1.3	**1.2**	0.07	0.10	89	0.2	1.0	**0.9**	0.05	0.08	*C40-41*
Melanoma of skin	1947	4.1	22.3	**15.8**	0.91	1.79	1465	3.4	16.3	**11.7**	0.85	1.16	*C43*
Other skin	154		1.8	**1.2**	0.06	0.12	117		1.3	**0.8**	0.05	0.09	*C44*
Mesothelioma	133	0.3	1.5	**1.0**	0.04	0.12	34	0.1	0.4	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	32	0.1	0.4	**0.3**	0.02	0.02	7	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	300	0.6	3.4	**2.6**	0.14	0.26	263	0.6	2.9	**2.2**	0.14	0.20	*C47+C49*
Breast	86	0.2	1.0	**0.7**	0.04	0.07	12449	28.7	138.5	**89.6**	6.26	10.48	*C50*
Vulva							293	0.7	3.3	**2.0**	0.14	0.22	*C51*
Vagina							76	0.2	0.8	**0.5**	0.03	0.06	*C52*
Cervix uteri							844	1.9	9.4	**7.5**	0.59	0.74	*C53*
Corpus uteri							1938	4.5	21.6	**13.8**	0.94	1.68	*C54*
Uterus unspecified							146	0.3	1.6	**0.9**	0.06	0.10	*C55*
Ovary							1364	3.1	15.2	**9.4**	0.59	1.10	*C56*
Other female genital organs							60	0.1	0.7	**0.4**	0.03	0.05	*C57*
Placenta							6	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	83	0.2	0.9	**0.7**	0.03	0.09							*C60*
Prostate	12908	27.2	147.7	**99.2**	4.58	13.13							*C61*
Testis	443	0.9	5.1	**4.7**	0.36	0.37							*C62*
Other male genital organs	16	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	1747	3.7	20.0	**14.4**	0.92	1.75	1128	2.6	12.5	**7.9**	0.49	0.90	*C64*
Renal pelvis	65	0.1	0.7	**0.5**	0.02	0.06	55	0.1	0.6	**0.3**	0.02	0.04	*C65*
Ureter	49	0.1	0.6	**0.3**	0.01	0.03	33	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	2875	6.1	32.9	**20.8**	0.83	2.45	936	2.2	10.4	**5.3**	0.23	0.63	*C67*
Other urinary organs	19	0.0	0.2	**0.1**	0.01	0.01	18	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	100	0.2	1.1	**0.9**	0.05	0.09	81	0.2	0.9	**0.6**	0.03	0.07	*C69*
Brain, nervous system	730	1.5	8.4	**6.9**	0.44	0.69	621	1.4	6.9	**5.1**	0.32	0.47	*C70-72*
Thyroid	282	0.6	3.2	**2.5**	0.17	0.28	1013	2.3	11.3	**9.1**	0.68	0.89	*C73*
Adrenal gland	36	0.1	0.4	**0.5**	0.02	0.03	40	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	17	0.0	0.2	**0.2**	0.01	0.01	15	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	262	0.6	3.0	**2.6**	0.18	0.23	211	0.5	2.3	**2.1**	0.15	0.17	*C81*
Non-Hodgkin lymphoma	1920	4.0	22.0	**15.4**	0.86	1.72	1864	4.3	20.7	**12.1**	0.66	1.42	*C82-85,C96*
Immunoproliferative diseases	28	0.1	0.3	**0.2**	0.01	0.02	23	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	627	1.3	7.2	**4.8**	0.23	0.59	515	1.2	5.7	**3.1**	0.16	0.38	*C90*
Lymphoid leukaemia	775	1.6	8.9	**6.8**	0.31	0.68	548	1.3	6.1	**3.8**	0.19	0.37	*C91*
Myeloid leukaemia	646	1.4	7.4	**5.2**	0.27	0.53	493	1.1	5.5	**3.5**	0.21	0.34	*C92-94*
Leukaemia unspecified	198	0.4	2.3	**1.4**	0.06	0.15	254	0.6	2.8	**1.6**	0.09	0.15	*C95*
Myeloproliferative disorders	275	0.6	3.1	**2.2**	0.14	0.24	273	0.6	3.0	**1.7**	0.09	0.20	*MPD*
Myelodysplastic syndromes	286	0.6	3.3	**1.9**	0.05	0.20	215	0.5	2.4	**1.1**	0.04	0.13	*MDS*
Other and unspecified	897	1.9	10.3	**6.9**	0.36	0.79	979	2.3	10.9	**5.9**	0.32	0.69	*O&U*
All sites	47573		544.2	**373.0**	19.16	45.24	43435		483.1	**297.8**	18.52	34.36	*C00-96*
All sites except C44	47419	100.0	542.4	**371.8**	19.11	45.12	43318	100.0	481.8	**297.0**	18.47	34.27	*C00-96 exc. C44*
	§Includes 3 cases of unknown age						§Includes 1 case of unknown age						

USA, Oklahoma: American Indian (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	11	0.3	1.4	**1.4**	0.08	0.23	4	0.1	0.5	**0.4**	0.01	0.07	*C00*
Tongue	22	0.7	2.8	**2.6**	0.17	0.24	9	0.3	1.1	**1.0**	0.07	0.13	*C01-02*
Mouth	21	0.6	2.6	**2.7**	0.22	0.30	13	0.4	1.6	**1.2**	0.09	0.12	*C03-06*
Salivary glands	7	0.2	0.9	**0.9**	0.03	0.13	6	0.2	0.7	**0.7**	0.06	0.08	*C07-08*
Tonsil	18	0.5	2.3	**2.3**	0.21	0.21	4	0.1	0.5	**0.5**	0.03	0.06	*C09*
Other oropharynx	5	0.2	0.6	**0.6**	0.05	0.09	3	0.1	0.4	**0.3**	0.02	0.04	*C10*
Nasopharynx	3	0.1	0.4	**0.4**	0.02	0.06	6	0.2	0.7	**0.7**	0.05	0.07	*C11*
Hypopharynx	7	0.2	0.9	**0.9**	0.02	0.12	3	0.1	0.4	**0.4**	0.00	0.07	*C12-13*
Pharynx unspecified	10	0.3	1.3	**1.4**	0.03	0.18	1	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	45	1.4	5.7	**5.7**	0.40	0.73	6	0.2	0.7	**0.6**	0.04	0.07	*C15*
Stomach	71	2.2	9.0	**9.4**	0.46	1.19	41	1.2	5.0	**4.2**	0.26	0.44	*C16*
Small intestine	9	0.3	1.1	**1.2**	0.07	0.17	12	0.4	1.5	**1.3**	0.04	0.17	*C17*
Colon	268	8.2	33.8	**34.6**	1.70	4.21	282	8.3	34.4	**28.9**	1.46	3.40	*C18*
Rectum	122	3.7	15.4	**15.5**	0.94	1.78	110	3.2	13.4	**12.0**	0.79	1.43	*C19-20*
Anus	7	0.2	0.9	**0.9**	0.07	0.10	25	0.7	3.1	**2.9**	0.23	0.33	*C21*
Liver	89	2.7	11.2	**11.7**	0.73	1.52	51	1.5	6.2	**4.7**	0.30	0.48	*C22*
Gallbladder etc.	23	0.7	2.9	**2.9**	0.14	0.37	31	0.9	3.8	**2.9**	0.10	0.37	*C23-24*
Pancreas	68	2.1	8.6	**8.6**	0.34	1.09	84	2.5	10.3	**8.6**	0.41	1.17	*C25*
Nose, sinuses etc.	7	0.2	0.9	**0.9**	0.04	0.13	6	0.2	0.7	**0.6**	0.04	0.06	*C30-31*
Larynx	54	1.6	6.8	**7.0**	0.39	0.90	16	0.5	2.0	**1.9**	0.15	0.25	*C32*
Trachea, bronchus and lung	637	19.4	80.4	**82.5**	3.88	10.70	532	15.7	64.9	**56.5**	3.07	7.21	*C33-34*
Other thoracic organs	3	0.1	0.4	**0.3**	0.03	0.03	4	0.1	0.5	**0.5**	0.03	0.05	*C37-38*
Bone	9	0.3	1.1	**1.1**	0.07	0.10	11	0.3	1.3	**1.3**	0.09	0.11	*C40-41*
Melanoma of skin	68	2.1	8.6	**8.5**	0.56	0.88	74	2.2	9.0	**8.1**	0.54	0.78	*C43*
Other skin	16		2.0	**1.9**	0.10	0.19	6		0.7	**0.5**	0.02	0.05	*C44*
Mesothelioma	8	0.2	1.0	**1.1**	0.06	0.19	3	0.1	0.4	**0.2**	0.01	0.01	*C45*
Kaposi sarcoma	5	0.2	0.6	**0.6**	0.02	0.05	1	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	19	0.6	2.4	**2.4**	0.18	0.28	34	1.0	4.1	**4.0**	0.21	0.39	*C47+C49*
Breast	5	0.2	0.6	**0.6**	0.07	0.07	855	25.2	104.3	**93.7**	6.66	10.88	*C50*
Vulva							19	0.6	2.3	**2.2**	0.19	0.24	*C51*
Vagina							8	0.2	1.0	**0.8**	0.03	0.14	*C52*
Cervix uteri							95	2.8	11.6	**10.5**	0.84	1.00	*C53*
Corpus uteri							165	4.9	20.1	**18.1**	1.27	2.15	*C54*
Uterus unspecified							14	0.4	1.7	**1.5**	0.12	0.14	*C55*
Ovary							109	3.2	13.3	**11.6**	0.72	1.32	*C56*
Other female genital organs							7	0.2	0.9	**0.9**	0.07	0.09	*C57*
Placenta							2	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	10	0.3	1.3	**1.3**	0.03	0.16							*C60*
Prostate	762	23.2	96.1	**101.0**	4.64	13.64							*C61*
Testis	47	1.4	5.9	**5.6**	0.39	0.44							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	181	5.5	22.8	**23.2**	1.52	2.82	146	4.3	17.8	**15.8**	1.04	1.79	*C64*
Renal pelvis	3	0.1	0.4	**0.4**	0.00	0.06	2	0.1	0.2	**0.2**	0.00	0.02	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C66*
Bladder	144	4.4	18.2	**18.2**	0.80	2.15	46	1.4	5.6	**3.9**	0.14	0.39	*C67*
Other urinary organs	2	0.1	0.3	**0.2**	0.00	0.04	4	0.1	0.5	**0.4**	0.00	0.05	*C68*
Eye	5	0.2	0.6	**0.7**	0.03	0.09	4	0.1	0.5	**0.4**	0.02	0.05	*C69*
Brain, nervous system	53	1.6	6.7	**6.7**	0.48	0.61	53	1.6	6.5	**5.8**	0.32	0.47	*C70-72*
Thyroid	17	0.5	2.1	**2.2**	0.17	0.27	97	2.9	11.8	**11.0**	0.78	1.13	*C73*
Adrenal gland	1	0.0	0.1	**0.2**	0.01	0.01	4	0.1	0.5	**0.5**	0.03	0.06	*C74*
Other endocrine	3	0.1	0.4	**0.3**	0.02	0.02	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	20	0.6	2.5	**2.4**	0.17	0.17	13	0.4	1.6	**1.6**	0.10	0.12	*C81*
Non-Hodgkin lymphoma	139	4.2	17.5	**17.8**	1.03	1.95	134	3.9	16.4	**14.0**	0.68	1.71	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C88*
Multiple myeloma	42	1.3	5.3	**5.4**	0.28	0.72	40	1.2	4.9	**4.2**	0.25	0.51	*C90*
Lymphoid leukaemia	61	1.9	7.7	**7.9**	0.46	0.76	44	1.3	5.4	**4.4**	0.19	0.40	*C91*
Myeloid leukaemia	42	1.3	5.3	**5.4**	0.29	0.58	39	1.1	4.8	**4.1**	0.30	0.38	*C92-94*
Leukaemia unspecified	17	0.5	2.1	**2.2**	0.12	0.30	13	0.4	1.6	**1.3**	0.09	0.11	*C95*
Myeloproliferative disorders	15	0.5	1.9	**1.8**	0.10	0.17	16	0.5	2.0	**1.9**	0.11	0.25	*MPD*
Myelodysplastic syndromes	23	0.7	2.9	**2.8**	0.05	0.27	12	0.4	1.5	**1.4**	0.03	0.27	*MDS*
Other and unspecified	79	2.4	10.0	**10.6**	0.52	1.36	77	2.3	9.4	**7.2**	0.33	0.82	*O&U*
All sites	3303		416.8	**426.9**	22.19	52.82	3399		414.8	**363.3**	22.48	41.98	*C00-96*
All sites except C44	3287	100.0	414.8	**425.0**	22.09	52.63	3393	100.0	414.1	**362.8**	22.46	41.93	*C00-96 exc. C44*

USA, Oklahoma: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	4	0.2	0.5	**0.7**	0.05	0.10	1	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	14	0.5	1.9	**1.9**	0.11	0.23	10	0.4	1.3	**1.2**	0.06	0.14	*C01-02*
Mouth	16	0.6	2.2	**2.7**	0.18	0.37	14	0.6	1.9	**1.7**	0.11	0.17	*C03-06*
Salivary glands	5	0.2	0.7	**0.7**	0.06	0.06	6	0.3	0.8	**0.8**	0.07	0.07	*C07-08*
Tonsil	9	0.3	1.2	**1.4**	0.10	0.17	4	0.2	0.5	**0.4**	0.02	0.06	*C09*
Other oropharynx	6	0.2	0.8	**1.0**	0.03	0.16	1	0.0	0.1	**0.2**	0.02	0.02	*C10*
Nasopharynx	8	0.3	1.1	**1.2**	0.08	0.12	5	0.2	0.7	**0.6**	0.03	0.03	*C11*
Hypopharynx	6	0.2	0.8	**1.2**	0.07	0.17	1	0.0	0.1	**0.2**	0.00	0.03	*C12-13*
Pharynx unspecified	4	0.2	0.5	**0.6**	0.04	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	44	1.7	6.0	**7.3**	0.33	0.95	17	0.7	2.3	**2.0**	0.13	0.25	*C15*
Stomach	54	2.0	7.4	**8.2**	0.36	0.90	49	2.1	6.6	**5.5**	0.25	0.63	*C16*
Small intestine	9	0.3	1.2	**1.5**	0.09	0.20	19	0.8	2.5	**2.3**	0.16	0.28	*C17*
Colon	203	7.7	27.7	**31.9**	1.65	3.82	244	10.3	32.6	**27.4**	1.54	3.10	*C18*
Rectum	74	2.8	10.1	**11.3**	0.72	1.35	48	2.0	6.4	**5.6**	0.30	0.74	*C19-20*
Anus	7	0.3	1.0	**1.0**	0.02	0.10	10	0.4	1.3	**1.1**	0.08	0.11	*C21*
Liver	57	2.2	7.8	**8.5**	0.73	0.96	23	1.0	3.1	**2.5**	0.13	0.21	*C22*
Gallbladder etc.	10	0.4	1.4	**1.6**	0.14	0.14	16	0.7	2.1	**1.7**	0.10	0.19	*C23-24*
Pancreas	64	2.4	8.7	**9.7**	0.59	1.13	95	4.0	12.7	**11.1**	0.65	1.33	*C25*
Nose, sinuses etc.	4	0.2	0.5	**0.6**	0.04	0.04	6	0.3	0.8	**0.7**	0.06	0.06	*C30-31*
Larynx	41	1.6	5.6	**6.4**	0.40	0.80	15	0.6	2.0	**1.9**	0.12	0.24	*C32*
Trachea, bronchus and lung	497	18.8	67.8	**80.1**	4.12	10.26	327	13.9	43.7	**39.8**	2.13	5.19	*C33-34*
Other thoracic organs	3	0.1	0.4	**0.4**	0.02	0.02	3	0.1	0.4	**0.3**	0.01	0.01	*C37-38*
Bone	12	0.5	1.6	**1.6**	0.10	0.13	6	0.3	0.8	**0.9**	0.06	0.08	*C40-41*
Melanoma of skin	11	0.4	1.5	**1.6**	0.04	0.07	7	0.3	0.9	**0.8**	0.05	0.05	*C43*
Other skin	4		0.5	**0.5**	0.04	0.04	10		1.3	**1.3**	0.08	0.14	*C44*
Mesothelioma	7	0.3	1.0	**1.0**	0.04	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	3	0.1	0.4	**0.4**	0.03	0.03	1	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	18	0.7	2.5	**2.5**	0.18	0.25	20	0.8	2.7	**2.6**	0.18	0.27	*C47+C49*
Breast	7	0.3	1.0	**1.1**	0.05	0.19	705	29.9	94.3	**86.7**	6.03	10.18	*C50*
Vulva							8	0.3	1.1	**1.0**	0.03	0.12	*C51*
Vagina							4	0.2	0.5	**0.4**	0.02	0.02	*C52*
Cervix uteri							47	2.0	6.3	**5.9**	0.47	0.57	*C53*
Corpus uteri							97	4.1	13.0	**11.9**	0.68	1.48	*C54*
Uterus unspecified							8	0.3	1.1	**0.8**	0.04	0.07	*C55*
Ovary							48	2.0	6.4	**5.8**	0.32	0.71	*C56*
Other female genital organs							2	0.1	0.3	**0.2**	0.02	0.02	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	3	0.1	0.4	**0.5**	0.03	0.07							*C60*
Prostate	947	35.8	129.2	**156.5**	7.91	20.54							*C61*
Testis	11	0.4	1.5	**1.4**	0.10	0.10							*C62*
Other male genital organs	2	0.1	0.3	**0.3**	0.00	0.03							*C63*
Kidney	83	3.1	11.3	**12.9**	0.83	1.63	57	2.4	7.6	**7.0**	0.41	0.88	*C64*
Renal pelvis	2	0.1	0.3	**0.3**	0.01	0.06	2	0.1	0.3	**0.3**	0.02	0.05	*C65*
Ureter	2	0.1	0.3	**0.3**	0.01	0.06	1	0.0	0.1	**0.1**	0.00	0.00	*C66*
Bladder	72	2.7	9.8	**10.8**	0.50	1.20	41	1.7	5.5	**4.8**	0.21	0.54	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	4	0.2	0.5	**0.4**	0.02	0.02	*C68*
Eye	1	0.0	0.1	**0.1**	0.01	0.01	2	0.1	0.3	**0.3**	0.02	0.02	*C69*
Brain, nervous system	36	1.4	4.9	**5.3**	0.41	0.49	35	1.5	4.7	**4.5**	0.26	0.45	*C70-72*
Thyroid	10	0.4	1.4	**1.5**	0.09	0.21	45	1.9	6.0	**5.7**	0.44	0.65	*C73*
Adrenal gland	1	0.0	0.1	**0.2**	0.01	0.01	4	0.2	0.5	**0.6**	0.03	0.03	*C74*
Other endocrine	2	0.1	0.3	**0.3**	0.01	0.01	3	0.1	0.4	**0.3**	0.02	0.02	*C75*
Hodgkin lymphoma	22	0.8	3.0	**3.1**	0.21	0.32	8	0.3	1.1	**1.0**	0.06	0.06	*C81*
Non-Hodgkin lymphoma	61	2.3	8.3	**9.0**	0.62	1.02	72	3.1	9.6	**9.5**	0.66	1.10	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	3	0.1	0.4	**0.3**	0.02	0.05	*C88*
Multiple myeloma	58	2.2	7.9	**9.0**	0.44	0.99	74	3.1	9.9	**8.6**	0.44	1.07	*C90*
Lymphoid leukaemia	21	0.8	2.9	**3.2**	0.14	0.40	26	1.1	3.5	**3.3**	0.20	0.31	*C91*
Myeloid leukaemia	34	1.3	4.6	**5.2**	0.29	0.52	23	1.0	3.1	**2.9**	0.21	0.30	*C92-94*
Leukaemia unspecified	5	0.2	0.7	**0.8**	0.02	0.09	17	0.7	2.3	**2.2**	0.16	0.19	*C95*
Myeloproliferative disorders	17	0.6	2.3	**2.5**	0.13	0.30	9	0.4	1.2	**1.0**	0.06	0.11	*MPD*
Myelodysplastic syndromes	7	0.3	1.0	**1.0**	0.04	0.14	10	0.4	1.3	**0.9**	0.00	0.09	*MDS*
Other and unspecified	50	1.9	6.8	**7.7**	0.36	0.98	56	2.4	7.5	**6.4**	0.30	0.74	*O&U*
All sites	2648		361.3	**420.3**	22.54	52.12	2370		317.0	**285.7**	17.49	33.30	*C00-96*
All sites except C44	2644	100.0	360.7	**419.8**	22.50	52.08	2360	100.0	315.7	**284.4**	17.42	33.16	*C00-96 exc. C44*

USA, Oklahoma: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	194	0.5	2.7	**1.7**	0.08	0.22	52	0.1	0.7	**0.3**	0.02	0.04	*C00*
Tongue	361	0.9	5.1	**3.6**	0.29	0.43	160	0.4	2.2	**1.4**	0.09	0.16	*C01-02*
Mouth	191	0.5	2.7	**1.8**	0.12	0.21	158	0.4	2.2	**1.0**	0.05	0.13	*C03-06*
Salivary glands	140	0.3	2.0	**1.2**	0.05	0.13	74	0.2	1.0	**0.6**	0.04	0.06	*C07-08*
Tonsil	220	0.5	3.1	**2.2**	0.19	0.25	55	0.1	0.8	**0.5**	0.04	0.06	*C09*
Other oropharynx	46	0.1	0.7	**0.4**	0.03	0.05	19	0.1	0.3	**0.1**	0.01	0.02	*C10*
Nasopharynx	48	0.1	0.7	**0.5**	0.03	0.05	25	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	97	0.2	1.4	**0.9**	0.06	0.12	18	0.0	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	33	0.1	0.5	**0.3**	0.02	0.03	10	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	624	1.5	8.8	**5.6**	0.34	0.73	152	0.4	2.1	**1.0**	0.05	0.14	*C15*
Stomach	535	1.3	7.6	**4.6**	0.22	0.57	318	0.9	4.4	**2.1**	0.11	0.24	*C16*
Small intestine	174	0.4	2.5	**1.5**	0.07	0.17	151	0.4	2.1	**1.2**	0.07	0.14	*C17*
Colon	2806	6.9	39.7	**23.4**	1.13	2.65	2885	7.8	39.7	**18.7**	0.94	2.14	*C18*
Rectum	1240	3.0	17.6	**11.4**	0.71	1.38	942	2.5	13.0	**7.1**	0.43	0.82	*C19-20*
Anus	102	0.3	1.4	**1.0**	0.07	0.12	173	0.5	2.4	**1.5**	0.11	0.18	*C21*
Liver	588	1.4	8.3	**5.4**	0.33	0.61	259	0.7	3.6	**1.8**	0.09	0.19	*C22*
Gallbladder etc.	161	0.4	2.3	**1.4**	0.06	0.18	202	0.5	2.8	**1.3**	0.07	0.14	*C23-24*
Pancreas	908	2.2	12.9	**7.9**	0.41	0.95	858	2.3	11.8	**5.4**	0.26	0.64	*C25*
Nose, sinuses etc.	75	0.2	1.1	**0.7**	0.04	0.08	47	0.1	0.6	**0.3**	0.01	0.03	*C30-31*
Larynx	537	1.3	7.6	**5.0**	0.31	0.66	166	0.4	2.3	**1.4**	0.10	0.18	*C32*
Trachea, bronchus and lung	7562	18.6	107.1	**65.0**	3.04	8.28	5878	15.9	81.0	**42.9**	2.25	5.58	*C33-34*
Other thoracic organs	27	0.1	0.4	**0.3**	0.01	0.03	20	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	86	0.2	1.2	**1.1**	0.07	0.10	71	0.2	1.0	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	1852	4.5	26.2	**17.4**	1.02	1.97	1371	3.7	18.9	**13.0**	0.95	1.29	*C43*
Other skin	132		1.9	**1.2**	0.06	0.12	97		1.3	**0.8**	0.05	0.09	*C44*
Mesothelioma	118	0.3	1.7	**1.0**	0.04	0.12	30	0.1	0.4	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	22	0.1	0.3	**0.2**	0.01	0.02	5	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	256	0.6	3.6	**2.5**	0.13	0.25	207	0.6	2.9	**2.0**	0.13	0.17	*C47+C49*
Breast	72	0.2	1.0	**0.6**	0.03	0.07	10717	29.0	147.6	**89.3**	6.23	10.46	*C50*
Vulva							265	0.7	3.6	**2.1**	0.14	0.23	*C51*
Vagina							64	0.2	0.9	**0.5**	0.03	0.06	*C52*
Cervix uteri							682	1.8	9.4	**7.3**	0.58	0.72	*C53*
Corpus uteri							1651	4.5	22.7	**13.6**	0.93	1.66	*C54*
Uterus unspecified							122	0.3	1.7	**0.9**	0.05	0.09	*C55*
Ovary							1192	3.2	16.4	**9.4**	0.59	1.12	*C56*
Other female genital organs							50	0.1	0.7	**0.4**	0.02	0.05	*C57*
Placenta							2	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	69	0.2	1.0	**0.6**	0.03	0.08							*C60*
Prostate	10894	26.8	154.3	**94.5**	4.32	12.54							*C61*
Testis	381	0.9	5.4	**5.0**	0.39	0.40							*C62*
Other male genital organs	14	0.0	0.2	**0.2**	0.01	0.01							*C63*
Kidney	1468	3.6	20.8	**13.8**	0.88	1.68	921	2.5	12.7	**7.4**	0.46	0.84	*C64*
Renal pelvis	59	0.1	0.8	**0.5**	0.02	0.06	51	0.1	0.7	**0.3**	0.02	0.05	*C65*
Ureter	47	0.1	0.7	**0.4**	0.02	0.03	31	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	2621	6.4	37.1	**21.3**	0.85	2.53	838	2.3	11.5	**5.4**	0.25	0.65	*C67*
Other urinary organs	17	0.0	0.2	**0.1**	0.01	0.01	10	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	94	0.2	1.3	**1.0**	0.06	0.10	74	0.2	1.0	**0.7**	0.04	0.07	*C69*
Brain, nervous system	633	1.6	9.0	**7.1**	0.44	0.71	526	1.4	7.2	**5.1**	0.33	0.48	*C70-72*
Thyroid	249	0.6	3.5	**2.6**	0.18	0.29	850	2.3	11.7	**9.3**	0.69	0.90	*C73*
Adrenal gland	34	0.1	0.5	**0.6**	0.03	0.04	32	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	11	0.0	0.2	**0.2**	0.01	0.01	11	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	214	0.5	3.0	**2.6**	0.18	0.22	184	0.5	2.5	**2.3**	0.16	0.18	*C81*
Non-Hodgkin lymphoma	1690	4.2	23.9	**15.4**	0.85	1.73	1626	4.4	22.4	**12.0**	0.66	1.41	*C82-85,C96*
Immunoproliferative diseases	27	0.1	0.4	**0.2**	0.01	0.03	18	0.0	0.2	**0.1**	0.01	0.02	*C88*
Multiple myeloma	515	1.3	7.3	**4.4**	0.21	0.55	389	1.1	5.4	**2.6**	0.13	0.32	*C90*
Lymphoid leukaemia	668	1.6	9.5	**6.7**	0.30	0.67	469	1.3	6.5	**3.8**	0.18	0.37	*C91*
Myeloid leukaemia	556	1.4	7.9	**5.1**	0.26	0.52	426	1.2	5.9	**3.4**	0.20	0.34	*C92-94*
Leukaemia unspecified	159	0.4	2.3	**1.3**	0.04	0.13	201	0.5	2.8	**1.4**	0.07	0.13	*C95*
Myeloproliferative disorders	219	0.5	3.1	**2.0**	0.13	0.22	239	0.6	3.3	**1.7**	0.09	0.19	*MPD*
Myelodysplastic syndromes	250	0.6	3.5	**1.9**	0.05	0.20	182	0.5	2.5	**1.0**	0.04	0.11	*MDS*
Other and unspecified	753	1.8	10.7	**6.5**	0.34	0.74	815	2.2	11.2	**5.7**	0.30	0.66	*O&U*
All sites	40849		578.6	**363.9**	18.60	44.06	37041		510.1	**292.8**	18.21	33.78	*C00-96*
All sites except C44	40717	100.0	576.7	**362.7**	18.54	43.94	36944	100.0	508.8	**292.0**	18.16	33.69	*C00-96 exc. C44*

§Includes 2 cases of unknown age

USA, Oregon

REGISTRATION AREA

The Oregon State Cancer Registry (OSCaR) covers the state of Oregon, in the north-western USA. Approximately 88.6% of residents are White, 3.9% are Asian/Pacific Islander, 2% are African-American, and 1.8% are American Indian/Alaska Native. About 81% of residents live in urban areas.

CANCER CARE FACILITIES

Cancer care is predominantly provided by 56 hospitals, 18 of which have cancer programmes approved by the American College of Surgeons Commission on Cancer. Additional services are provided by ambulatory surgery centres, free-standing cancer treatment facilities, physicians' offices, and clinics throughout the state.

REGISTRY STRUCTURE AND METHODS

OSCaR began collecting data in 1996 and is located within the Health Promotion and Chronic Disease Prevention Section of the Oregon Health Authority. It is funded through a cooperative agreement with the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR). Data come from a variety of sources, including hospital cancer registries, ambulatory surgical centres, physicians' offices, outpatient clinics, pathology laboratories, hospital medical records departments, registries in neighbouring states, and death certificate files. Information on patient survival is primarily obtained through regular record linkages with the Oregon death certificate, Social Security Death Index, and National Death Index databases.

INTERPRETING THE RESULTS

Since the inception of OSCaR, there have been no major changes in the reporting area, case definition, or coding, other than nationwide changes in standard-setting guidelines from the North American Association of Central Cancer Registries (NAACCR). The Oregon Breast and Cervical Cancer Program (BCCP) was established in 1994 to provide low-income, uninsured, and medically underserved residents with access to breast and cervical screening services. The programme enrols about 15% of the eligible population annually. According to Oregon Behavioral Risk Factor Surveillance System data, in 2011, approximately 75% of Oregon women aged 50–74 years had received mammograms within the previous 2 years, and 58% of Oregonians followed the current colorectal cancer screening recommendations.

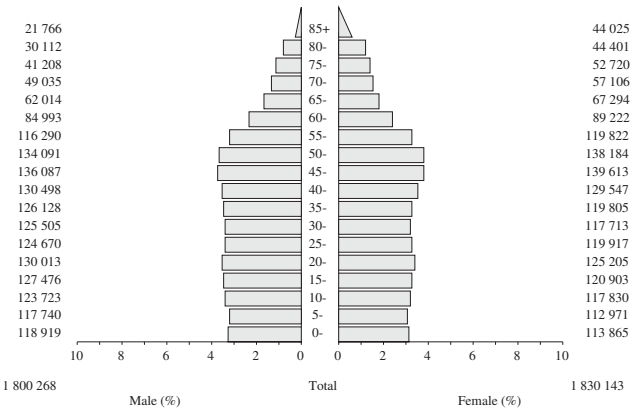
USE OF THE DATA

The registry prepares an annual report on cancer incidence and mortality, highlighting cancer risks and trends. Other cancer control programmes use registry data for planning and evaluation. The registry collaborates with local and national researchers on a variety of special studies designed to reduce the burden of cancer in Oregonians.

CONTRIBUTORS

Donald Shipley
Meena Patil

USA, Oregon (2003-2007)
Average annual person-years by sex and age group

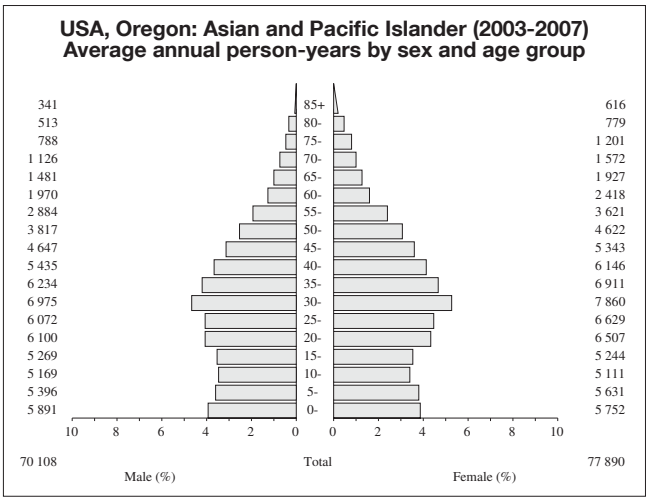


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

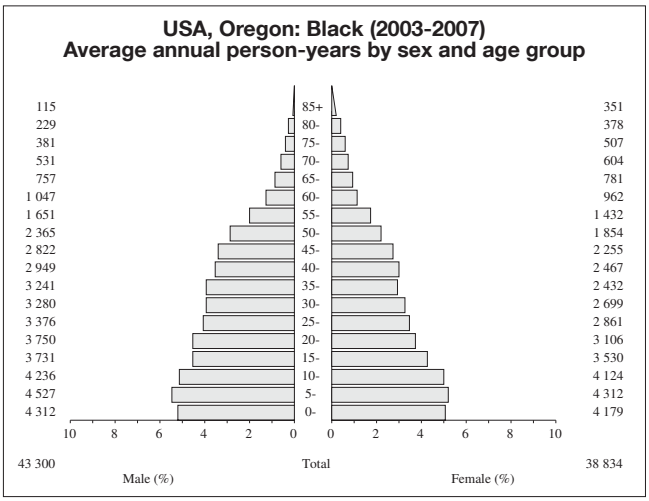
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	100.3	Breast	91.6
Trachea, bronchus and lung	47.1	Trachea, bronchus and lung	37.9
Bladder	22.1	Colon	17.5
Colon	20.8	Corpus uteri	17.5
Melanoma of skin	19.0	Melanoma of skin	17.0
Non-Hodgkin lymphoma	16.0	Non-Hodgkin lymphoma	11.2
Kidney	11.7	Thyroid	11.2
Rectum	10.7	Ovary	9.7
Other and unspecified	8.0	Kidney	6.8
Pancreas	7.7	Other and unspecified	6.3
All sites	346.3	All sites	294.1



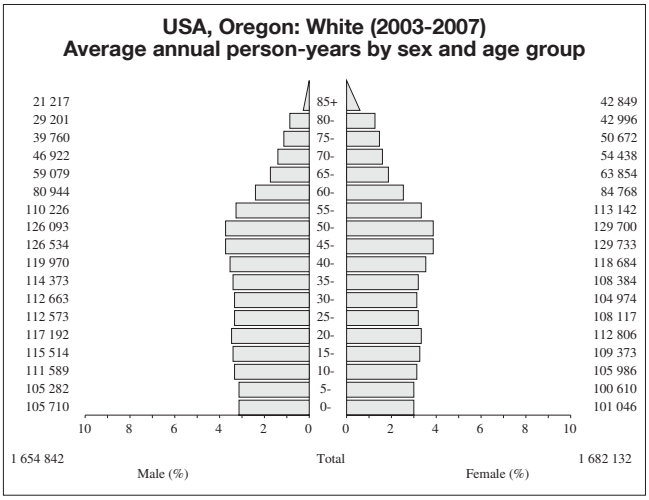
USA, OREGON: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	38.4	Breast	50.9
Trachea, bronchus and lung	26.4	Trachea, bronchus and lung	17.1
Liver	23.0	Corpus uteri	11.3
Colon	11.4	Colon	10.9
Non-Hodgkin lymphoma	10.4	Thyroid	10.7
Rectum	8.6	Stomach	7.1
Stomach	7.2	Rectum	7.0
Pancreas	6.2	Cervix uteri	6.2
Other and unspecified	5.7	Non-Hodgkin lymphoma	6.2
Bladder	4.3	Liver	5.8
All sites	179.8	All sites	175.5



USA, OREGON: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	122.3	Breast	69.4
Trachea, bronchus and lung	65.8	Trachea, bronchus and lung	34.5
Colon	22.9	Colon	21.8
Kidney	15.7	Corpus uteri	11.0
Liver	10.7	Kidney	10.4
Bladder	10.5	Pancreas	8.0
Non-Hodgkin lymphoma	10.3	Non-Hodgkin lymphoma	7.8
Pancreas	8.0	Rectum	7.8
Other and unspecified	7.9	Cervix uteri	7.8
Stomach	7.0	Other and unspecified	7.7
All sites	340.3	All sites	243.2



USA, OREGON: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	97.5	Breast	90.5
Trachea, bronchus and lung	47.0	Trachea, bronchus and lung	38.1
Bladder	22.0	Melanoma of skin	18.1
Colon	20.5	Corpus uteri	17.2
Melanoma of skin	19.9	Colon	17.2
Non-Hodgkin lymphoma	15.9	Non-Hodgkin lymphoma	10.9
Kidney	11.4	Thyroid	10.4
Rectum	10.4	Ovary	9.7
Other and unspecified	7.8	Kidney	6.7
Pancreas	7.6	Other and unspecified	6.3
All sites	342.3	All sites	291.5

USA, Oregon (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	102	0.2	1.1	**0.7**	0.03	0.08	35	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	453	1.0	5.0	**3.5**	0.25	0.43	175	0.4	1.9	**1.1**	0.06	0.13	*C01-02*
Mouth	249	0.5	2.8	**1.9**	0.11	0.24	193	0.4	2.1	**1.1**	0.06	0.12	*C03-06*
Salivary glands	125	0.3	1.4	**0.9**	0.05	0.09	67	0.2	0.7	**0.5**	0.03	0.05	*C07-08*
Tonsil	327	0.7	3.6	**2.6**	0.21	0.30	66	0.1	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	52	0.1	0.6	**0.4**	0.03	0.05	30	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	60	0.1	0.7	**0.5**	0.04	0.06	27	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	69	0.1	0.8	**0.5**	0.03	0.07	40	0.1	0.4	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	23	0.0	0.3	**0.2**	0.01	0.02	8	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	851	1.8	9.5	**6.0**	0.32	0.74	235	0.5	2.6	**1.3**	0.05	0.17	*C15*
Stomach	625	1.3	6.9	**4.4**	0.20	0.51	411	0.9	4.5	**2.4**	0.12	0.28	*C16*
Small intestine	204	0.4	2.3	**1.5**	0.09	0.17	163	0.4	1.8	**1.1**	0.06	0.13	*C17*
Colon	3043	6.5	33.8	**20.8**	0.93	2.43	3249	7.3	35.5	**17.5**	0.77	2.04	*C18*
Rectum	1441	3.1	16.0	**10.7**	0.61	1.32	1017	2.3	11.1	**6.3**	0.37	0.73	*C19-20*
Anus	140	0.3	1.6	**1.1**	0.06	0.12	237	0.5	2.6	**1.6**	0.12	0.19	*C21*
Liver	777	1.7	8.6	**5.8**	0.41	0.68	333	0.7	3.6	**2.1**	0.13	0.24	*C22*
Gallbladder etc.	193	0.4	2.1	**1.3**	0.06	0.16	233	0.5	2.5	**1.3**	0.05	0.14	*C23-24*
Pancreas	1100	2.4	12.2	**7.7**	0.37	0.93	1141	2.6	12.5	**6.2**	0.27	0.74	*C25*
Nose, sinuses etc.	61	0.1	0.7	**0.4**	0.02	0.05	42	0.1	0.5	**0.2**	0.02	0.03	*C30-31*
Larynx	460	1.0	5.1	**3.5**	0.20	0.45	152	0.3	1.7	**1.0**	0.07	0.14	*C32*
Trachea, bronchus and lung	6736	14.4	74.8	**47.1**	1.92	5.96	6362	14.3	69.5	**37.9**	1.69	4.93	*C33-34*
Other thoracic organs	52	0.1	0.6	**0.4**	0.03	0.04	30	0.1	0.3	**0.2**	0.02	0.02	*C37-38*
Bone	120	0.3	1.3	**1.2**	0.08	0.10	93	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	2496	5.3	27.7	**19.0**	1.25	2.12	2179	4.9	23.8	**17.0**	1.25	1.70	*C43*
Other skin	151		1.7	**1.1**	0.06	0.11	125		1.4	**0.8**	0.04	0.07	*C44*
Mesothelioma	165	0.4	1.8	**1.0**	0.02	0.11	64	0.1	0.7	**0.3**	0.02	0.03	*C45*
Kaposi sarcoma	56	0.1	0.6	**0.5**	0.04	0.04	6	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	363	0.8	4.0	**2.9**	0.18	0.28	274	0.6	3.0	**2.0**	0.12	0.21	*C47+C49*
Breast	78	0.2	0.9	**0.6**	0.03	0.07	13390	30.0	146.3	**91.6**	6.28	10.69	*C50*
Vulva							255	0.6	2.8	**1.6**	0.10	0.18	*C51*
Vagina							58	0.1	0.6	**0.4**	0.02	0.04	*C52*
Cervix uteri							608	1.4	6.6	**5.2**	0.42	0.51	*C53*
Corpus uteri							2502	5.6	27.3	**17.5**	1.28	2.14	*C54*
Uterus unspecified							56	0.1	0.6	**0.4**	0.02	0.04	*C55*
Ovary							1459	3.3	15.9	**9.7**	0.63	1.10	*C56*
Other female genital organs							88	0.2	1.0	**0.6**	0.04	0.07	*C57*
Placenta							7	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	62	0.1	0.7	**0.4**	0.02	0.05							*C60*
Prostate	13362	28.6	148.4	**100.3**	5.00	13.78							*C61*
Testis	589	1.3	6.5	**6.1**	0.45	0.46							*C62*
Other male genital organs	24	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	1537	3.3	17.1	**11.7**	0.73	1.38	980	2.2	10.7	**6.8**	0.44	0.80	*C64*
Renal pelvis	88	0.2	1.0	**0.5**	0.02	0.06	67	0.2	0.7	**0.3**	0.01	0.03	*C65*
Ureter	49	0.1	0.5	**0.3**	0.01	0.04	44	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	3293	7.0	36.6	**22.1**	0.88	2.61	1078	2.4	11.8	**5.9**	0.27	0.70	*C67*
Other urinary organs	36	0.1	0.4	**0.2**	0.01	0.02	17	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	111	0.2	1.2	**0.9**	0.06	0.08	98	0.2	1.1	**0.8**	0.05	0.09	*C69*
Brain, nervous system	804	1.7	8.9	**7.2**	0.45	0.71	632	1.4	6.9	**5.6**	0.35	0.54	*C70-72*
Thyroid	456	1.0	5.1	**3.8**	0.27	0.41	1285	2.9	14.0	**11.2**	0.87	1.05	*C73*
Adrenal gland	21	0.0	0.2	**0.3**	0.01	0.02	28	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	20	0.0	0.2	**0.3**	0.01	0.02	12	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	291	0.6	3.2	**3.0**	0.20	0.24	249	0.6	2.7	**2.5**	0.17	0.20	*C81*
Non-Hodgkin lymphoma	2156	4.6	24.0	**16.0**	0.91	1.73	1789	4.0	19.6	**11.2**	0.63	1.27	*C82-85,C96*
Immunoproliferative diseases	39	0.1	0.4	**0.3**	0.01	0.03	24	0.1	0.3	**0.1**	0.00	0.02	*C88*
Multiple myeloma	563	1.2	6.3	**3.9**	0.19	0.48	420	0.9	4.6	**2.4**	0.13	0.30	*C90*
Lymphoid leukaemia	598	1.3	6.6	**5.3**	0.25	0.49	408	0.9	4.5	**3.4**	0.17	0.29	*C91*
Myeloid leukaemia	541	1.2	6.0	**4.3**	0.23	0.44	441	1.0	4.8	**3.0**	0.16	0.30	*C92-94*
Leukaemia unspecified	81	0.2	0.9	**0.5**	0.01	0.05	73	0.2	0.8	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	129	0.3	1.4	**0.9**	0.04	0.12	154	0.3	1.7	**0.9**	0.04	0.11	*MPD*
Myelodysplastic syndromes	314	0.7	3.5	**1.9**	0.05	0.19	237	0.5	2.6	**1.2**	0.04	0.14	*MDS*
Other and unspecified	1167	2.5	13.0	**8.0**	0.36	0.87	1241	2.8	13.6	**6.3**	0.26	0.67	*O&U*
All sites	46903		521.1	**346.3**	17.84	42.01	44687		488.3	**294.1**	17.88	33.76	*C00-96*
All sites except C44	46752	100.0	519.4	**345.2**	17.78	41.89	44562	100.0	487.0	**293.4**	17.84	33.69	*C00-96 exc. C44*

USA, Oregon: Asian and Pacific Islander (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	5	0.9	1.4	**1.4**	0.11	0.11	5	0.6	1.3	**1.1**	0.07	0.12	*C01-02*
Mouth	4	0.7	1.1	**1.5**	0.05	0.30	5	0.6	1.3	**1.2**	0.15	0.15	*C03-06*
Salivary glands	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.3	**0.2**	0.02	0.02	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.3	**0.3**	0.04	0.04	*C09*
Other oropharynx	1	0.2	0.3	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	10	1.7	2.9	**2.5**	0.23	0.23	3	0.4	0.8	**0.7**	0.05	0.11	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	8	1.4	2.3	**2.6**	0.14	0.39	3	0.4	0.8	**0.7**	0.00	0.12	*C15*
Stomach	23	3.9	6.6	**7.2**	0.38	0.85	32	4.1	8.2	**7.1**	0.38	0.74	*C16*
Small intestine	1	0.2	0.3	**0.2**	0.02	0.02	2	0.3	0.5	**0.4**	0.00	0.05	*C17*
Colon	36	6.1	10.3	**11.4**	0.50	1.33	52	6.7	13.4	**10.9**	0.45	1.23	*C18*
Rectum	31	5.3	8.8	**8.6**	0.54	0.92	35	4.5	9.0	**7.0**	0.31	0.65	*C19-20*
Anus	1	0.2	0.3	**0.2**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C21*
Liver	78	13.3	22.3	**23.0**	1.46	2.76	23	3.0	5.9	**5.8**	0.26	0.81	*C22*
Gallbladder etc.	7	1.2	2.0	**2.1**	0.09	0.25	6	0.8	1.5	**1.1**	0.05	0.05	*C23-24*
Pancreas	22	3.8	6.3	**6.2**	0.27	0.61	23	3.0	5.9	**4.9**	0.26	0.43	*C25*
Nose, sinuses etc.	1	0.2	0.3	**0.3**	0.00	0.00	1	0.1	0.3	**0.1**	0.00	0.00	*C30-31*
Larynx	3	0.5	0.9	**1.1**	0.05	0.14	4	0.5	1.0	**1.1**	0.12	0.12	*C32*
Trachea, bronchus and lung	87	14.8	24.8	**26.4**	1.13	2.90	76	9.8	19.5	**17.1**	0.99	2.01	*C33-34*
Other thoracic organs	1	0.2	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	1	0.2	0.3	**0.3**	0.02	0.02	3	0.4	0.8	**0.6**	0.03	0.03	*C40-41*
Melanoma of skin	3	0.5	0.9	**1.1**	0.07	0.16	4	0.5	1.0	**0.8**	0.04	0.10	*C43*
Other skin	3		0.9	**1.0**	0.04	0.11	4		1.0	**0.7**	0.04	0.04	*C44*
Mesothelioma	2	0.3	0.6	**0.5**	0.03	0.03	1	0.1	0.3	**0.2**	0.03	0.03	*C45*
Kaposi sarcoma	1	0.2	0.3	**0.2**	0.02	0.02	1	0.1	0.3	**0.3**	0.00	0.05	*C46*
Connective and soft tissue	0	0.0	0.0	**0.0**	0.00	0.00	4	0.5	1.0	**1.0**	0.02	0.13	*C47+C49*
Breast	0	0.0	0.0	**0.0**	0.00	0.00	223	28.9	57.3	**50.9**	3.91	5.70	*C50*
Vulva							0	0.0	0.0	**0.0**	0.00	0.00	*C51*
Vagina							1	0.1	0.3	**0.2**	0.02	0.02	*C52*
Cervix uteri							28	3.6	7.2	**6.2**	0.56	0.67	*C53*
Corpus uteri							49	6.3	12.6	**11.3**	0.94	1.41	*C54*
Uterus unspecified							3	0.4	0.8	**0.7**	0.07	0.07	*C55*
Ovary							20	2.6	5.1	**4.8**	0.39	0.59	*C56*
Other female genital organs							1	0.1	0.3	**0.2**	0.03	0.03	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	1	0.2	0.3	**0.3**	0.02	0.02							*C60*
Prostate	115	19.6	32.8	**38.4**	1.48	5.74							*C61*
Testis	2	0.3	0.6	**0.5**	0.04	0.04							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	15	2.6	4.3	**4.2**	0.19	0.37	8	1.0	2.1	**1.5**	0.04	0.09	*C64*
Renal pelvis	1	0.2	0.3	**0.3**	0.03	0.03	1	0.1	0.3	**0.3**	0.04	0.04	*C65*
Ureter	1	0.2	0.3	**0.4**	0.00	0.09	1	0.1	0.3	**0.3**	0.00	0.05	*C66*
Bladder	16	2.7	4.6	**4.3**	0.10	0.32	11	1.4	2.8	**2.4**	0.10	0.21	*C67*
Other urinary organs	1	0.2	0.3	**0.3**	0.00	0.00	1	0.1	0.3	**0.2**	0.03	0.03	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.3	**0.4**	0.02	0.02	*C69*
Brain, nervous system	5	0.9	1.4	**1.5**	0.11	0.11	15	1.9	3.9	**4.0**	0.29	0.29	*C70-72*
Thyroid	11	1.9	3.1	**3.0**	0.17	0.33	49	6.3	12.6	**10.7**	0.78	1.07	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	1	0.2	0.3	**0.3**	0.02	0.02	2	0.3	0.5	**0.6**	0.04	0.04	*C75*
Hodgkin lymphoma	4	0.7	1.1	**1.2**	0.06	0.06	4	0.5	1.0	**1.0**	0.05	0.10	*C81*
Non-Hodgkin lymphoma	34	5.8	9.7	**10.4**	0.47	0.99	26	3.4	6.7	**6.2**	0.32	0.76	*C82-85,C96*
Immunoproliferative diseases	1	0.2	0.3	**0.4**	0.00	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	4	0.7	1.1	**1.2**	0.13	0.13	7	0.9	1.8	**2.0**	0.11	0.34	*C90*
Lymphoid leukaemia	11	1.9	3.1	**3.4**	0.11	0.11	3	0.4	0.8	**0.9**	0.05	0.05	*C91*
Myeloid leukaemia	13	2.2	3.7	**3.8**	0.19	0.44	7	0.9	1.8	**1.4**	0.06	0.06	*C92-94*
Leukaemia unspecified	1	0.2	0.3	**0.3**	0.02	0.02	1	0.1	0.3	**0.2**	0.00	0.00	*C95*
Myeloproliferative disorders	2	0.3	0.6	**0.6**	0.00	0.09	5	0.6	1.3	**1.2**	0.05	0.17	*MPD*
Myelodysplastic syndromes	3	0.5	0.9	**1.2**	0.00	0.22	2	0.3	0.5	**0.3**	0.02	0.02	*MDS*
Other and unspecified	18	3.1	5.1	**5.7**	0.26	0.73	17	2.2	4.4	**3.5**	0.15	0.38	*O&U*
All sites	589		168.0	**179.8**	8.62	21.09	776		199.3	**175.5**	11.40	19.26	*C00-96*
All sites except C44	586	100.0	167.2	**178.8**	8.58	20.98	772	100.0	198.2	**174.8**	11.36	19.21	*C00-96 exc. C44*

USA, Oregon: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	2	0.3	0.9	**1.0**	0.12	0.12	1	0.2	0.5	**0.5**	0.04	0.04	*C01-02*
Mouth	6	1.0	2.8	**3.9**	0.16	0.42	2	0.4	1.0	**0.9**	0.04	0.04	*C03-06*
Salivary glands	2	0.3	0.9	**0.8**	0.08	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C07-08*
Tonsil	3	0.5	1.4	**1.6**	0.18	0.18	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	1	0.2	0.5	**0.4**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	1	0.2	0.5	**0.4**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	9	1.5	4.2	**4.6**	0.27	0.40	2	0.4	1.0	**1.2**	0.05	0.22	*C15*
Stomach	12	2.1	5.5	**7.0**	0.35	0.74	9	2.0	4.6	**4.9**	0.11	0.66	*C16*
Small intestine	1	0.2	0.5	**0.8**	0.10	0.10	3	0.7	1.5	**1.7**	0.04	0.17	*C17*
Colon	40	6.9	18.5	**22.9**	1.26	2.65	37	8.3	19.1	**21.8**	1.35	2.81	*C18*
Rectum	13	2.2	6.0	**7.0**	0.70	0.70	14	3.1	7.2	**7.8**	0.54	1.00	*C19-20*
Anus	2	0.3	0.9	**0.9**	0.03	0.03	2	0.4	1.0	**1.2**	0.10	0.10	*C21*
Liver	19	3.3	8.8	**10.7**	0.59	1.35	5	1.1	2.6	**3.0**	0.21	0.34	*C22*
Gallbladder etc.	2	0.3	0.9	**1.2**	0.10	0.10	1	0.2	0.5	**0.8**	0.00	0.13	*C23-24*
Pancreas	14	2.4	6.5	**8.0**	0.53	1.04	18	4.0	9.3	**8.0**	0.52	0.68	*C25*
Nose, sinuses etc.	1	0.2	0.5	**0.4**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	5	0.9	2.3	**2.8**	0.24	0.43	1	0.2	0.5	**0.8**	0.10	0.10	*C32*
Trachea, bronchus and lung	109	18.8	50.3	**65.8**	3.18	8.86	63	14.1	32.4	**34.5**	1.72	3.82	*C33-34*
Other thoracic organs	0	0.0	0.0	**0.0**	0.00	0.00	3	0.7	1.5	**1.3**	0.08	0.08	*C37-38*
Bone	2	0.3	0.9	**0.9**	0.06	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C40-41*
Melanoma of skin	1	0.2	0.5	**0.8**	0.10	0.10	2	0.4	1.0	**0.9**	0.04	0.04	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	1		0.5	**0.4**	0.04	0.04	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.2	0.5	**0.4**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	2	0.3	0.9	**1.2**	0.13	0.13	5	1.1	2.6	**2.9**	0.20	0.37	*C47+C49*
Breast	1	0.2	0.5	**0.8**	0.00	0.13	126	28.3	64.9	**69.4**	5.15	7.72	*C50*
Vulva							3	0.7	1.5	**1.6**	0.08	0.24	*C51*
Vagina							2	0.4	1.0	**1.1**	0.06	0.06	*C52*
Cervix uteri							16	3.6	8.2	**7.8**	0.45	0.74	*C53*
Corpus uteri							18	4.0	9.3	**11.0**	0.66	1.55	*C54*
Uterus unspecified							4	0.9	2.1	**1.5**	0.08	0.08	*C55*
Ovary							9	2.0	4.6	**4.1**	0.24	0.40	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	200	34.4	92.4	**122.3**	7.25	15.44							*C61*
Testis	5	0.9	2.3	**2.0**	0.15	0.15							*C62*
Other male genital organs	1	0.2	0.5	**0.4**	0.04	0.04							*C63*
Kidney	28	4.8	12.9	**15.7**	1.01	1.60	18	4.0	9.3	**10.4**	0.70	1.08	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	16	2.8	7.4	**10.5**	0.11	1.18	6	1.3	3.1	**2.8**	0.03	0.33	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.5	**0.7**	0.00	0.17	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	3	0.7	1.5	**1.6**	0.09	0.09	*C69*
Brain, nervous system	5	0.9	2.3	**2.8**	0.06	0.43	2	0.4	1.0	**0.9**	0.02	0.02	*C70-72*
Thyroid	4	0.7	1.8	**2.6**	0.09	0.28	13	2.9	6.7	**6.5**	0.44	0.57	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	1	0.2	0.5	**0.4**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	8	1.4	3.7	**3.5**	0.28	0.28	6	1.3	3.1	**3.5**	0.37	0.37	*C81*
Non-Hodgkin lymphoma	20	3.4	9.2	**10.3**	0.75	1.13	14	3.1	7.2	**7.8**	0.37	0.88	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	10	1.7	4.6	**5.5**	0.31	0.57	3	0.7	1.5	**1.6**	0.07	0.20	*C90*
Lymphoid leukaemia	11	1.9	5.1	**5.8**	0.47	0.66	6	1.3	3.1	**3.4**	0.13	0.39	*C91*
Myeloid leukaemia	7	1.2	3.2	**4.1**	0.22	0.41	8	1.8	4.1	**4.9**	0.43	0.60	*C92-94*
Leukaemia unspecified	1	0.2	0.5	**0.4**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	1	0.2	0.5	**0.8**	0.00	0.13	1	0.2	0.5	**0.7**	0.00	0.17	*MPD*
Myelodysplastic syndromes	1	0.2	0.5	**0.9**	0.00	0.00	3	0.7	1.5	**1.3**	0.11	0.11	*MDS*
Other and unspecified	13	2.2	6.0	**7.9**	0.20	1.16	16	3.6	8.2	**7.7**	0.36	0.82	*O&U*
All sites	581		268.4	**340.3**	19.29	41.25	447		230.2	**243.2**	15.06	27.26	*C00-96*
All sites except C44	581	100.0	268.4	**340.3**	19.29	41.25	446	100.0	229.7	**242.8**	15.02	27.22	*C00-96 exc. C44*

USA, Oregon: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	97	0.2	1.2	**0.7**	0.03	0.08	33	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	430	1.0	5.2	**3.5**	0.26	0.43	164	0.4	1.9	**1.1**	0.06	0.13	*C01-02*
Mouth	228	0.5	2.8	**1.8**	0.10	0.22	181	0.4	2.2	**1.1**	0.06	0.12	*C03-06*
Salivary glands	119	0.3	1.4	**0.9**	0.05	0.10	62	0.1	0.7	**0.4**	0.03	0.05	*C07-08*
Tonsil	313	0.7	3.8	**2.6**	0.21	0.31	63	0.2	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	49	0.1	0.6	**0.4**	0.03	0.05	28	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	46	0.1	0.6	**0.4**	0.03	0.05	24	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	65	0.1	0.8	**0.5**	0.03	0.07	38	0.1	0.5	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	23	0.1	0.3	**0.2**	0.01	0.02	7	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	817	1.9	9.9	**6.1**	0.32	0.74	222	0.5	2.6	**1.3**	0.05	0.16	*C15*
Stomach	573	1.3	6.9	**4.2**	0.19	0.48	356	0.8	4.2	**2.1**	0.11	0.26	*C16*
Small intestine	195	0.4	2.4	**1.5**	0.08	0.17	151	0.4	1.8	**1.1**	0.06	0.13	*C17*
Colon	2866	6.5	34.6	**20.5**	0.90	2.39	3060	7.3	36.4	**17.2**	0.75	2.00	*C18*
Rectum	1336	3.0	16.1	**10.4**	0.59	1.29	920	2.2	10.9	**6.0**	0.34	0.70	*C19-20*
Anus	132	0.3	1.6	**1.1**	0.06	0.12	233	0.6	2.8	**1.7**	0.12	0.20	*C21*
Liver	651	1.5	7.9	**5.1**	0.36	0.59	291	0.7	3.5	**2.0**	0.12	0.22	*C22*
Gallbladder etc.	176	0.4	2.1	**1.3**	0.06	0.15	216	0.5	2.6	**1.2**	0.05	0.14	*C23-24*
Pancreas	1041	2.4	12.6	**7.6**	0.36	0.92	1079	2.6	12.8	**6.1**	0.25	0.74	*C25*
Nose, sinuses etc.	57	0.1	0.7	**0.4**	0.02	0.05	41	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	441	1.0	5.3	**3.5**	0.20	0.45	145	0.3	1.7	**1.0**	0.06	0.14	*C32*
Trachea, bronchus and lung	6427	14.6	77.7	**47.0**	1.90	5.96	6086	14.5	72.4	**38.1**	1.69	4.97	*C33-34*
Other thoracic organs	50	0.1	0.6	**0.5**	0.03	0.04	27	0.1	0.3	**0.2**	0.02	0.02	*C37-38*
Bone	109	0.2	1.3	**1.1**	0.08	0.10	87	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	2470	5.6	29.9	**19.9**	1.32	2.22	2157	5.1	25.6	**18.1**	1.34	1.81	*C43*
Other skin	141		1.7	**1.0**	0.06	0.11	117		1.4	**0.8**	0.04	0.08	*C44*
Mesothelioma	162	0.4	2.0	**1.0**	0.02	0.11	61	0.1	0.7	**0.3**	0.02	0.03	*C45*
Kaposi sarcoma	53	0.1	0.6	**0.5**	0.04	0.05	5	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	352	0.8	4.3	**3.0**	0.19	0.28	254	0.6	3.0	**2.0**	0.12	0.20	*C47+C49*
Breast	71	0.2	0.9	**0.6**	0.03	0.07	12549	30.0	149.2	**90.5**	6.18	10.61	*C50*
Vulva							238	0.6	2.8	**1.6**	0.09	0.18	*C51*
Vagina							54	0.1	0.6	**0.4**	0.02	0.04	*C52*
Cervix uteri							540	1.3	6.4	**5.0**	0.40	0.49	*C53*
Corpus uteri							2339	5.6	27.8	**17.2**	1.26	2.11	*C54*
Uterus unspecified							49	0.1	0.6	**0.3**	0.02	0.04	*C55*
Ovary							1388	3.3	16.5	**9.7**	0.63	1.11	*C56*
Other female genital organs							84	0.2	1.0	**0.6**	0.03	0.07	*C57*
Placenta							7	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	57	0.1	0.7	**0.4**	0.02	0.05							*C60*
Prostate	12444	28.3	150.4	**97.5**	4.82	13.38							*C61*
Testis	560	1.3	6.8	**6.3**	0.47	0.48							*C62*
Other male genital organs	23	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	1423	3.2	17.2	**11.4**	0.71	1.35	910	2.2	10.8	**6.7**	0.43	0.78	*C64*
Renal pelvis	84	0.2	1.0	**0.5**	0.02	0.06	66	0.2	0.8	**0.3**	0.01	0.03	*C65*
Ureter	48	0.1	0.6	**0.3**	0.01	0.04	43	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	3146	7.1	38.0	**22.0**	0.88	2.62	1021	2.4	12.1	**5.9**	0.27	0.71	*C67*
Other urinary organs	35	0.1	0.4	**0.2**	0.01	0.02	15	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	111	0.3	1.3	**1.0**	0.06	0.09	93	0.2	1.1	**0.8**	0.05	0.09	*C69*
Brain, nervous system	776	1.8	9.4	**7.4**	0.47	0.73	596	1.4	7.1	**5.6**	0.34	0.55	*C70-72*
Thyroid	410	0.9	5.0	**3.6**	0.26	0.39	1115	2.7	13.3	**10.4**	0.81	0.99	*C73*
Adrenal gland	21	0.0	0.3	**0.3**	0.02	0.02	26	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	17	0.0	0.2	**0.2**	0.01	0.01	10	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	267	0.6	3.2	**3.0**	0.20	0.24	230	0.5	2.7	**2.5**	0.17	0.20	*C81*
Non-Hodgkin lymphoma	2028	4.6	24.5	**15.9**	0.91	1.71	1669	4.0	19.8	**10.9**	0.62	1.24	*C82-85,C96*
Immunoproliferative diseases	37	0.1	0.4	**0.3**	0.01	0.03	24	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	531	1.2	6.4	**3.9**	0.18	0.47	400	1.0	4.8	**2.4**	0.12	0.30	*C90*
Lymphoid leukaemia	558	1.3	6.7	**5.2**	0.25	0.49	388	0.9	4.6	**3.4**	0.17	0.30	*C91*
Myeloid leukaemia	509	1.2	6.2	**4.2**	0.22	0.43	416	1.0	4.9	**3.0**	0.15	0.30	*C92-94*
Leukaemia unspecified	77	0.2	0.9	**0.5**	0.01	0.05	72	0.2	0.9	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	121	0.3	1.5	**0.9**	0.04	0.12	147	0.4	1.7	**0.9**	0.04	0.11	*MPD*
Myelodysplastic syndromes	307	0.7	3.7	**2.0**	0.06	0.19	226	0.5	2.7	**1.2**	0.04	0.14	*MDS*
Other and unspecified	1105	2.5	13.4	**7.8**	0.35	0.86	1179	2.8	14.0	**6.3**	0.25	0.66	*O&U*
All sites	44185		534.0	**342.3**	17.56	41.46	42002		499.4	**291.5**	17.64	33.52	*C00-96*
All sites except C44	44044	100.0	532.3	**341.2**	17.50	41.35	41885	100.0	498.0	**290.7**	17.60	33.44	*C00-96 exc. C44*

USA, Pennsylvania

REGISTRATION AREA
The Pennsylvania Cancer Registry (PCR) covers the state of the Commonwealth of Pennsylvania. In 2011, the population was 12.7 million, of whom 10.7 million were White and 1.4 million were Black. About 27% of residents lived in a rural county.

CANCER CARE FACILITIES
There are 169 acute care hospitals within the state.

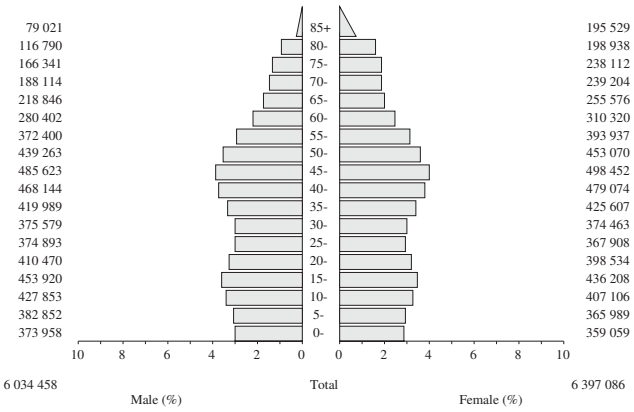
REGISTRY STRUCTURE AND METHODS
The PCR collects demographic, diagnostic, and first course of treatment information on all cancers patients diagnosed and treated in the state, and is legally mandated. The PCR receives approximately 140 000 reports annually from 370 reporting sources. Increasing the reporting rates of free-standing laboratories and other non-hospital sources continues to be a challenge as more patients are being diagnosed and treated in these settings. The PCR uses current technology for collection, processing, and database management, and conforms to national data collection standards as recommended by the North American Association of Central Cancer Registries (NAACCR).

INTERPRETING THE RESULTS
Through participation in the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR), the PCR has significantly enhanced registry operations and has consistently achieved NAACCR Gold Certification. Since 1994, Pennsylvania has been awarded a grant for its Healthy Woman Program (HWP) through CDC as part of the National Breast and Cervical Cancer Early Detection Program (NBCCEDP). The HWP provides no-cost breast and cervical cancer screening services to the eligible population. Women diagnosed with cancer are referred for free treatment through the Department of Public Welfare. The HWP acts as a safety net programme to try to provide every woman with access to breast and cervical cancer screening.

USE OF THE DATA
Summary statistical information is published for general distribution and public knowledge. Requests for in-depth information are carefully screened and granted only for use in approved research studies. The PCR provides data for determination of cancer rates, state trends, cancer research, surveillance activities, and epidemiological and other special studies. State-specific incidence and mortality data are published annually in *Pennsylvania Cancer Incidence and Mortality*. Data from this and other statistical reports and publications are available through funding provided by participation in CDC's NPCR and are available from the Pennsylvania Department of Health's website (http://www.health.state.pa.us/stats/).

CONTRIBUTOR
Diane M. Kirsch

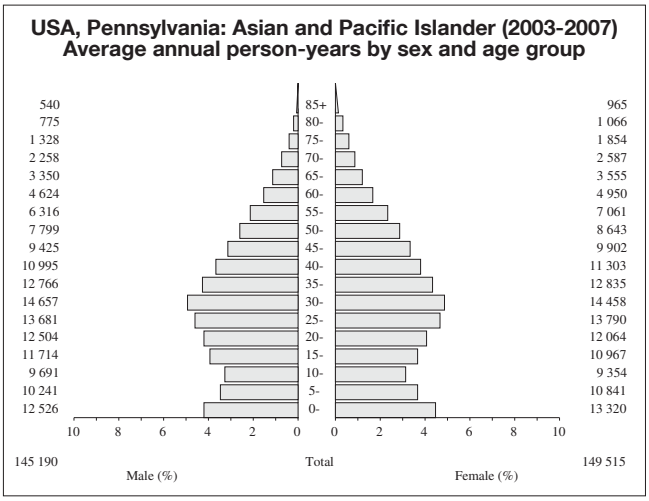
USA, Pennsylvania (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

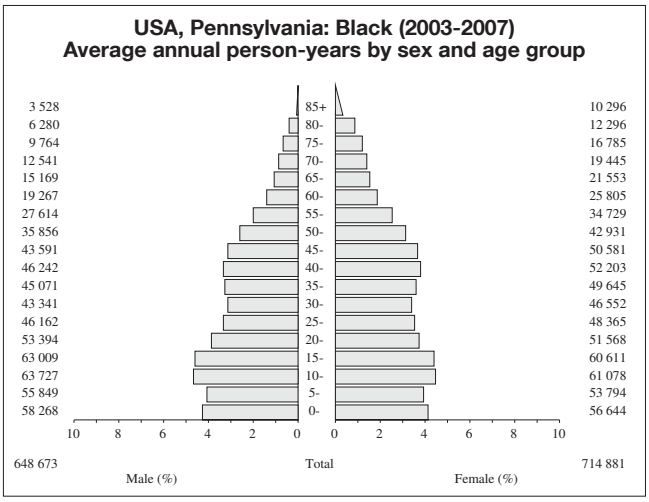
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	108.7	Breast	87.5
Trachea, bronchus and lung	56.1	Trachea, bronchus and lung	37.4
Colon	25.7	Corpus uteri	22.5
Bladder	25.7	Colon	20.4
Non-Hodgkin lymphoma	16.6	Thyroid	18.3
Melanoma of skin	14.6	Non-Hodgkin lymphoma	11.7
Kidney	14.2	Melanoma of skin	11.7
Rectum	12.8	Ovary	10.0
Pancreas	9.0	Rectum	7.6
Other and unspecified	7.8	Kidney	7.5
All sites	387.4	All sites	308.7



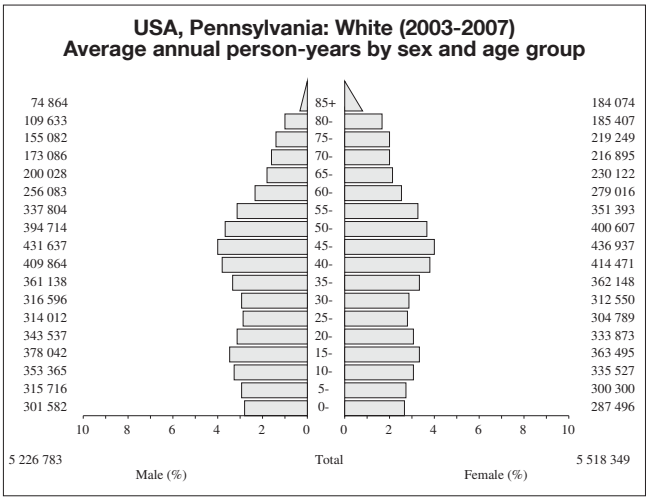
USA, PENNSYLVANIA: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	34.2	Breast	39.2
Trachea, bronchus and lung	22.3	Thyroid	13.9
Liver	12.8	Trachea, bronchus and lung	12.8
Colon	11.2	Colon	10.4
Stomach	9.0	Corpus uteri	6.9
Non-Hodgkin lymphoma	7.3	Stomach	6.5
Rectum	6.9	Ovary	5.9
Bladder	6.1	Cervix uteri	5.8
Pancreas	3.8	Rectum	5.4
Nasopharynx	3.6	Liver	5.3
All sites	157.5	All sites	146.8



USA, PENNSYLVANIA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	172.0	Breast	88.0
Trachea, bronchus and lung	77.9	Trachea, bronchus and lung	48.7
Colon	31.7	Colon	25.1
Kidney	16.8	Corpus uteri	15.7
Liver	15.9	Thyroid	11.7
Non-Hodgkin lymphoma	13.5	Pancreas	9.0
Bladder	13.2	Other and unspecified	8.8
Rectum	11.5	Kidney	8.7
Pancreas	11.2	Non-Hodgkin lymphoma	8.1
Stomach	10.3	Cervix uteri	7.6
All sites	464.8	All sites	305.4



USA, PENNSYLVANIA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	100.7	Breast	87.0
Trachea, bronchus and lung	54.6	Trachea, bronchus and lung	36.5
Bladder	26.6	Corpus uteri	23.2
Colon	25.2	Colon	19.9
Non-Hodgkin lymphoma	16.6	Thyroid	18.7
Melanoma of skin	15.2	Melanoma of skin	12.4
Kidney	14.0	Non-Hodgkin lymphoma	11.9
Rectum	12.8	Ovary	10.2
Pancreas	8.8	Rectum	7.6
Other and unspecified	7.5	Kidney	7.4
All sites	376.4	All sites	307.0

USA, Pennsylvania (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	226	0.1	0.7	**0.4**	0.02	0.05	98	0.1	0.3	**0.1**	0.01	0.02	*C00*
Tongue	1521	0.8	5.0	**3.5**	0.27	0.42	663	0.4	2.1	**1.2**	0.09	0.14	*C01-02*
Mouth	982	0.5	3.3	**2.1**	0.14	0.25	653	0.4	2.0	**1.0**	0.06	0.13	*C03-06*
Salivary glands	521	0.3	1.7	**1.0**	0.06	0.11	368	0.2	1.2	**0.7**	0.04	0.07	*C07-08*
Tonsil	893	0.5	3.0	**2.0**	0.16	0.24	212	0.1	0.7	**0.4**	0.03	0.05	*C09*
Other oropharynx	212	0.1	0.7	**0.5**	0.03	0.06	89	0.0	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	250	0.1	0.8	**0.6**	0.05	0.07	101	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	436	0.2	1.4	**0.9**	0.07	0.12	91	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	105	0.1	0.3	**0.2**	0.01	0.03	29	0.0	0.1	**0.0**	0.00	0.01	*C14*
Oesophagus	3206	1.7	10.6	**6.5**	0.37	0.81	932	0.5	2.9	**1.4**	0.07	0.16	*C15*
Stomach	3256	1.7	10.8	**6.3**	0.31	0.72	2031	1.1	6.3	**2.7**	0.13	0.28	*C16*
Small intestine	792	0.4	2.6	**1.6**	0.10	0.19	746	0.4	2.3	**1.2**	0.07	0.15	*C17*
Colon	13610	7.3	45.1	**25.7**	1.19	2.99	15467	8.7	48.4	**20.4**	0.92	2.32	*C18*
Rectum	6248	3.3	20.7	**12.8**	0.73	1.55	4851	2.7	15.2	**7.6**	0.45	0.89	*C19-20*
Anus	415	0.2	1.4	**0.9**	0.06	0.11	690	0.4	2.2	**1.3**	0.09	0.15	*C21*
Liver	3182	1.7	10.5	**6.7**	0.43	0.78	1215	0.7	3.8	**1.9**	0.10	0.21	*C22*
Gallbladder etc.	996	0.5	3.3	**1.8**	0.08	0.20	1298	0.7	4.1	**1.7**	0.08	0.20	*C23-24*
Pancreas	4583	2.5	15.2	**9.0**	0.46	1.09	4813	2.7	15.0	**6.4**	0.30	0.76	*C25*
Nose, sinuses etc.	312	0.2	1.0	**0.7**	0.04	0.08	220	0.1	0.7	**0.4**	0.02	0.04	*C30-31*
Larynx	2490	1.3	8.3	**5.3**	0.32	0.67	669	0.4	2.1	**1.2**	0.08	0.16	*C32*
Trachea, bronchus and lung	28700	15.4	95.1	**56.1**	2.59	7.06	23940	13.4	74.8	**37.4**	1.92	4.80	*C33-34*
Other thoracic organs	197	0.1	0.7	**0.5**	0.03	0.05	135	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	365	0.2	1.2	**1.1**	0.07	0.09	316	0.2	1.0	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	6692	3.6	22.2	**14.6**	0.91	1.62	5411	3.0	16.9	**11.7**	0.86	1.18	*C43*
Other skin	574		1.9	**1.2**	0.06	0.12	505		1.6	**0.9**	0.05	0.09	*C44*
Mesothelioma	886	0.5	2.9	**1.5**	0.05	0.17	201	0.1	0.6	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	158	0.1	0.5	**0.4**	0.03	0.03	30	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	1292	0.7	4.3	**3.0**	0.17	0.29	1134	0.6	3.5	**2.3**	0.14	0.22	*C47+C49*
Breast	461	0.2	1.5	**0.9**	0.05	0.11	47386	26.6	148.1	**87.5**	6.19	10.08	*C50*
Vulva							1195	0.7	3.7	**1.9**	0.11	0.20	*C51*
Vagina							277	0.2	0.9	**0.4**	0.03	0.05	*C52*
Cervix uteri							2683	1.5	8.4	**6.3**	0.51	0.62	*C53*
Corpus uteri							11768	6.6	36.8	**22.5**	1.64	2.79	*C54*
Uterus unspecified							171	0.1	0.5	**0.2**	0.01	0.02	*C55*
Ovary							5513	3.1	17.2	**10.0**	0.67	1.14	*C56*
Other female genital organs							245	0.1	0.8	**0.4**	0.03	0.05	*C57*
Placenta							19	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	233	0.1	0.8	**0.4**	0.02	0.05							*C60*
Prostate	51484	27.5	170.6	**108.7**	5.79	14.77							*C61*
Testis	1784	1.0	5.9	**5.6**	0.42	0.44							*C62*
Other male genital organs	71	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	6552	3.5	21.7	**14.2**	0.88	1.72	4262	2.4	13.3	**7.5**	0.46	0.87	*C64*
Renal pelvis	411	0.2	1.4	**0.7**	0.03	0.09	324	0.2	1.0	**0.4**	0.01	0.04	*C65*
Ureter	287	0.2	1.0	**0.5**	0.02	0.06	209	0.1	0.7	**0.3**	0.01	0.03	*C66*
Bladder	13865	7.4	46.0	**25.7**	1.07	3.04	4846	2.7	15.2	**6.8**	0.32	0.82	*C67*
Other urinary organs	143	0.1	0.5	**0.3**	0.01	0.03	61	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	303	0.2	1.0	**0.8**	0.05	0.08	313	0.2	1.0	**0.6**	0.04	0.06	*C69*
Brain, nervous system	2657	1.4	8.8	**7.0**	0.44	0.66	2262	1.3	7.1	**5.1**	0.31	0.47	*C70-72*
Thyroid	2115	1.1	7.0	**5.2**	0.38	0.56	7427	4.2	23.2	**18.3**	1.43	1.78	*C73*
Adrenal gland	113	0.1	0.4	**0.5**	0.02	0.03	126	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	54	0.0	0.2	**0.2**	0.01	0.01	41	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	1118	0.6	3.7	**3.3**	0.23	0.27	999	0.6	3.1	**2.8**	0.19	0.23	*C81*
Non-Hodgkin lymphoma	7914	4.2	26.2	**16.6**	0.94	1.84	7285	4.1	22.8	**11.7**	0.65	1.35	*C82-85,C96*
Immunoproliferative diseases	139	0.1	0.5	**0.3**	0.01	0.03	134	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	2183	1.2	7.2	**4.2**	0.21	0.51	2056	1.2	6.4	**3.0**	0.15	0.36	*C90*
Lymphoid leukaemia	2774	1.5	9.2	**6.5**	0.33	0.63	1929	1.1	6.0	**3.7**	0.19	0.35	*C91*
Myeloid leukaemia	2333	1.2	7.7	**5.0**	0.26	0.54	1955	1.1	6.1	**3.5**	0.21	0.36	*C92-94*
Leukaemia unspecified	207	0.1	0.7	**0.3**	0.01	0.03	214	0.1	0.7	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	1104	0.6	3.7	**2.3**	0.13	0.26	1061	0.6	3.3	**1.6**	0.08	0.18	*MPD*
Myelodysplastic syndromes	1998	1.1	6.6	**3.3**	0.09	0.32	1610	0.9	5.0	**1.9**	0.07	0.19	*MDS*
Other and unspecified	4122	2.2	13.7	**7.8**	0.37	0.86	5323	3.0	16.6	**7.0**	0.31	0.78	*O&U*
All sites	187525		621.5	**387.4**	20.59	46.90	178602		558.4	**308.7**	19.33	35.15	*C00-96*
All sites except C44	186951	100.0	619.6	**386.3**	20.54	46.79	178097	100.0	556.8	**307.8**	19.27	35.06	*C00-96 exc. C44*

§Includes 3 cases of unknown age

§Includes 2 cases of unknown age

USA, Pennsylvania: Asian and Pacific Islander (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.2	0.3	**0.3**	0.00	0.03	1	0.1	0.1	**0.1**	0.00	0.00	*C00*
Tongue	4	0.4	0.6	**0.7**	0.01	0.11	3	0.3	0.4	**0.4**	0.04	0.04	*C01-02*
Mouth	1	0.1	0.1	**0.1**	0.01	0.01	9	0.8	1.2	**1.1**	0.05	0.12	*C03-06*
Salivary glands	4	0.4	0.6	**0.5**	0.02	0.02	2	0.2	0.3	**0.2**	0.01	0.01	*C07-08*
Tonsil	2	0.2	0.3	**0.3**	0.03	0.03	1	0.1	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	29	2.8	4.0	**3.6**	0.26	0.40	13	1.1	1.7	**1.5**	0.10	0.13	*C11*
Hypopharynx	2	0.2	0.3	**0.4**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	14	1.3	1.9	**2.1**	0.06	0.21	3	0.3	0.4	**0.4**	0.02	0.02	*C15*
Stomach	61	5.9	8.4	**9.0**	0.54	1.00	51	4.4	6.8	**6.5**	0.29	0.71	*C16*
Small intestine	2	0.2	0.3	**0.3**	0.02	0.02	5	0.4	0.7	**0.8**	0.03	0.14	*C17*
Colon	71	6.8	9.8	**11.2**	0.42	1.41	82	7.0	11.0	**10.4**	0.41	1.27	*C18*
Rectum	46	4.4	6.3	**6.9**	0.36	0.88	43	3.7	5.8	**5.4**	0.33	0.60	*C19-20*
Anus	4	0.4	0.6	**0.7**	0.06	0.06	4	0.3	0.5	**0.5**	0.04	0.08	*C21*
Liver	88	8.5	12.1	**12.8**	0.77	1.46	41	3.5	5.5	**5.3**	0.22	0.65	*C22*
Gallbladder etc.	19	1.8	2.6	**3.0**	0.16	0.31	14	1.2	1.9	**1.9**	0.10	0.23	*C23-24*
Pancreas	25	2.4	3.4	**3.8**	0.13	0.44	24	2.1	3.2	**3.0**	0.10	0.30	*C25*
Nose, sinuses etc.	1	0.1	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	9	0.9	1.2	**1.4**	0.09	0.20	1	0.1	0.1	**0.1**	0.00	0.00	*C32*
Trachea, bronchus and lung	145	14.0	20.0	**22.3**	0.91	2.66	97	8.3	13.0	**12.8**	0.62	1.63	*C33-34*
Other thoracic organs	4	0.4	0.6	**0.6**	0.04	0.07	1	0.1	0.1	**0.1**	0.01	0.01	*C37-38*
Bone	3	0.3	0.4	**0.4**	0.02	0.02	6	0.5	0.8	**0.9**	0.06	0.06	*C40-41*
Melanoma of skin	5	0.5	0.7	**0.8**	0.03	0.10	8	0.7	1.1	**0.9**	0.04	0.07	*C43*
Other skin	4		0.6	**0.7**	0.06	0.06	3		0.4	**0.3**	0.02	0.02	*C44*
Mesothelioma	5	0.5	0.7	**0.7**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	17	1.6	2.3	**2.6**	0.16	0.24	3	0.3	0.4	**0.3**	0.03	0.03	*C47+C49*
Breast	5	0.5	0.7	**0.7**	0.07	0.07	315	27.1	42.1	**39.2**	2.95	4.55	*C50*
Vulva							2	0.2	0.3	**0.2**	0.01	0.01	*C51*
Vagina							1	0.1	0.1	**0.1**	0.01	0.01	*C52*
Cervix uteri							49	4.2	6.6	**5.8**	0.44	0.59	*C53*
Corpus uteri							54	4.6	7.2	**6.9**	0.51	0.83	*C54*
Uterus unspecified							1	0.1	0.1	**0.2**	0.00	0.04	*C55*
Ovary							48	4.1	6.4	**5.9**	0.43	0.63	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	1	0.1	0.1	**0.2**	0.00	0.03							*C60*
Prostate	212	20.4	29.2	**34.2**	1.25	4.37							*C61*
Testis	16	1.5	2.2	**1.9**	0.14	0.14							*C62*
Other male genital organs	1	0.1	0.1	**0.2**	0.01	0.01							*C63*
Kidney	23	2.2	3.2	**3.4**	0.26	0.40	22	1.9	2.9	**2.9**	0.12	0.38	*C64*
Renal pelvis	2	0.2	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	2	0.2	0.3	**0.4**	0.00	0.07	1	0.1	0.1	**0.2**	0.00	0.04	*C66*
Bladder	42	4.0	5.8	**6.1**	0.26	0.60	8	0.7	1.1	**1.1**	0.03	0.15	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.2	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	21	2.0	2.9	**3.2**	0.25	0.32	17	1.5	2.3	**2.3**	0.15	0.18	*C70-72*
Thyroid	26	2.5	3.6	**3.2**	0.24	0.35	118	10.1	15.8	**13.9**	0.92	1.40	*C73*
Adrenal gland	1	0.1	0.1	**0.2**	0.00	0.04	3	0.3	0.4	**0.5**	0.01	0.07	*C74*
Other endocrine	1	0.1	0.1	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	5	0.5	0.7	**0.6**	0.05	0.05	4	0.3	0.5	**0.6**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	50	4.8	6.9	**7.3**	0.34	0.64	42	3.6	5.6	**5.2**	0.26	0.56	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	7	0.7	1.0	**1.2**	0.05	0.17	12	1.0	1.6	**1.5**	0.09	0.19	*C90*
Lymphoid leukaemia	13	1.3	1.8	**2.1**	0.06	0.27	5	0.4	0.7	**0.7**	0.03	0.06	*C91*
Myeloid leukaemia	16	1.5	2.2	**2.3**	0.12	0.27	12	1.0	1.6	**1.7**	0.07	0.21	*C92-94*
Leukaemia unspecified	1	0.1	0.1	**0.1**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	3	0.3	0.4	**0.4**	0.01	0.01	7	0.6	0.9	**0.8**	0.04	0.08	*MPD*
Myelodysplastic syndromes	6	0.6	0.8	**1.1**	0.02	0.07	4	0.3	0.5	**0.4**	0.01	0.05	*MDS*
Other and unspecified	20	1.9	2.8	**3.0**	0.18	0.35	27	2.3	3.6	**3.6**	0.16	0.47	*O&U*
All sites	1043		143.7	**157.5**	7.59	18.11	1167		156.1	**146.8**	8.81	16.66	*C00-96*
All sites except C44	1039	100.0	143.1	**156.8**	7.53	18.05	1164	100.0	155.7	**146.5**	8.78	16.63	*C00-96 exc. C44*

USA, Pennsylvania: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	100	0.7	3.1	**3.1**	0.23	0.42	42	0.3	1.2	**0.9**	0.07	0.12	*C01-02*
Mouth	73	0.5	2.3	**2.3**	0.18	0.29	51	0.4	1.4	**1.1**	0.09	0.13	*C03-06*
Salivary glands	28	0.2	0.9	**0.8**	0.05	0.10	35	0.2	1.0	**0.9**	0.06	0.11	*C07-08*
Tonsil	75	0.5	2.3	**2.3**	0.16	0.29	31	0.2	0.9	**0.7**	0.05	0.10	*C09*
Other oropharynx	31	0.2	1.0	**0.9**	0.06	0.11	17	0.1	0.5	**0.4**	0.02	0.05	*C10*
Nasopharynx	21	0.1	0.6	**0.6**	0.05	0.06	8	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	61	0.4	1.9	**2.0**	0.14	0.25	14	0.1	0.4	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	13	0.1	0.4	**0.4**	0.04	0.05	3	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	213	1.4	6.6	**6.5**	0.39	0.81	119	0.8	3.3	**2.4**	0.15	0.27	*C15*
Stomach	357	2.4	11.0	**10.3**	0.55	1.22	270	1.9	7.6	**5.0**	0.26	0.55	*C16*
Small intestine	83	0.5	2.6	**2.5**	0.14	0.32	95	0.7	2.7	**1.9**	0.12	0.22	*C17*
Colon	1079	7.1	33.3	**31.7**	1.67	3.69	1286	9.0	36.0	**25.1**	1.33	2.99	*C18*
Rectum	391	2.6	12.1	**11.5**	0.67	1.33	339	2.4	9.5	**7.1**	0.43	0.86	*C19-20*
Anus	55	0.4	1.7	**1.7**	0.12	0.21	66	0.5	1.8	**1.4**	0.10	0.16	*C21*
Liver	513	3.4	15.8	**15.9**	1.29	1.97	153	1.1	4.3	**3.1**	0.22	0.35	*C22*
Gallbladder etc.	73	0.5	2.3	**2.1**	0.11	0.25	126	0.9	3.5	**2.5**	0.14	0.30	*C23-24*
Pancreas	373	2.5	11.5	**11.2**	0.69	1.37	500	3.5	14.0	**9.0**	0.45	1.06	*C25*
Nose, sinuses etc.	25	0.2	0.8	**0.8**	0.06	0.10	17	0.1	0.5	**0.4**	0.02	0.04	*C30-31*
Larynx	275	1.8	8.5	**8.6**	0.52	1.13	93	0.6	2.6	**2.1**	0.13	0.29	*C32*
Trachea, bronchus and lung	2576	17.0	79.4	**77.9**	4.24	9.68	2339	16.3	65.4	**48.7**	2.85	6.16	*C33-34*
Other thoracic organs	26	0.2	0.8	**0.8**	0.06	0.09	22	0.2	0.6	**0.5**	0.03	0.05	*C37-38*
Bone	30	0.2	0.9	**0.9**	0.06	0.07	23	0.2	0.6	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	22	0.1	0.7	**0.6**	0.03	0.05	23	0.2	0.6	**0.4**	0.02	0.03	*C43*
Other skin	33		1.0	**1.0**	0.08	0.08	43		1.2	**1.1**	0.08	0.10	*C44*
Mesothelioma	24	0.2	0.7	**0.7**	0.02	0.08	11	0.1	0.3	**0.2**	0.02	0.02	*C45*
Kaposi sarcoma	46	0.3	1.4	**1.3**	0.10	0.11	13	0.1	0.4	**0.3**	0.02	0.03	*C46*
Connective and soft tissue	94	0.6	2.9	**2.7**	0.16	0.27	101	0.7	2.8	**2.4**	0.16	0.25	*C47+C49*
Breast	45	0.3	1.4	**1.3**	0.07	0.15	3984	27.7	111.5	**88.0**	6.39	10.09	*C50*
Vulva							78	0.5	2.2	**1.7**	0.12	0.17	*C51*
Vagina							34	0.2	1.0	**0.7**	0.05	0.08	*C52*
Cervix uteri							322	2.2	9.0	**7.6**	0.60	0.78	*C53*
Corpus uteri							709	4.9	19.8	**15.7**	1.02	2.02	*C54*
Uterus unspecified							12	0.1	0.3	**0.2**	0.01	0.02	*C55*
Ovary							344	2.4	9.6	**7.5**	0.50	0.85	*C56*
Other female genital organs							17	0.1	0.5	**0.4**	0.03	0.05	*C57*
Placenta							7	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	19	0.1	0.6	**0.5**	0.02	0.06							*C60*
Prostate	5414	35.7	166.9	**172.0**	10.34	22.93							*C61*
Testis	48	0.3	1.5	**1.4**	0.11	0.12							*C62*
Other male genital organs	3	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	557	3.7	17.2	**16.8**	1.17	1.95	408	2.8	11.4	**8.7**	0.53	1.02	*C64*
Renal pelvis	10	0.1	0.3	**0.3**	0.01	0.05	15	0.1	0.4	**0.3**	0.02	0.03	*C65*
Ureter	8	0.1	0.2	**0.2**	0.01	0.03	3	0.0	0.1	**0.0**	0.00	0.00	*C66*
Bladder	457	3.0	14.1	**13.2**	0.58	1.62	270	1.9	7.6	**4.6**	0.19	0.52	*C67*
Other urinary organs	14	0.1	0.4	**0.4**	0.01	0.03	12	0.1	0.3	**0.2**	0.01	0.03	*C68*
Eye	13	0.1	0.4	**0.5**	0.03	0.03	8	0.1	0.2	**0.2**	0.01	0.02	*C69*
Brain, nervous system	163	1.1	5.0	**5.0**	0.33	0.43	145	1.0	4.1	**3.8**	0.23	0.33	*C70-72*
Thyroid	102	0.7	3.1	**3.1**	0.24	0.36	478	3.3	13.4	**11.7**	0.90	1.20	*C73*
Adrenal gland	10	0.1	0.3	**0.4**	0.02	0.02	14	0.1	0.4	**0.4**	0.03	0.03	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.00	0.00	5	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	98	0.6	3.0	**2.9**	0.21	0.23	91	0.6	2.5	**2.4**	0.18	0.20	*C81*
Non-Hodgkin lymphoma	461	3.0	14.2	**13.5**	0.96	1.37	385	2.7	10.8	**8.1**	0.53	0.90	*C82-85,C96*
Immunoproliferative diseases	6	0.0	0.2	**0.2**	0.01	0.02	11	0.1	0.3	**0.3**	0.02	0.04	*C88*
Multiple myeloma	296	2.0	9.1	**8.8**	0.50	1.10	330	2.3	9.2	**6.3**	0.33	0.78	*C90*
Lymphoid leukaemia	139	0.9	4.3	**4.2**	0.23	0.39	90	0.6	2.5	**2.0**	0.09	0.18	*C91*
Myeloid leukaemia	138	0.9	4.3	**4.1**	0.24	0.44	138	1.0	3.9	**3.2**	0.22	0.31	*C92-94*
Leukaemia unspecified	12	0.1	0.4	**0.3**	0.01	0.03	10	0.1	0.3	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	65	0.4	2.0	**2.0**	0.13	0.20	70	0.5	2.0	**1.3**	0.06	0.16	*MPD*
Myelodysplastic syndromes	75	0.5	2.3	**1.9**	0.06	0.15	96	0.7	2.7	**1.8**	0.09	0.17	*MDS*
Other and unspecified	350	2.3	10.8	**10.2**	0.56	1.17	476	3.3	13.3	**8.8**	0.42	1.00	*O&U*
All sites	15196		468.5	**464.8**	27.71	57.28	14402		402.9	**305.4**	19.56	35.38	*C00-96*
All sites except C44	15163	100.0	467.5	**463.9**	27.63	57.20	14359	100.0	401.7	**304.3**	19.48	35.28	*C00-96 exc. C44*

USA, Pennsylvania: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	222	0.1	0.8	**0.5**	0.02	0.05	91	0.1	0.3	**0.1**	0.01	0.02	*C00*
Tongue	1397	0.8	5.3	**3.5**	0.27	0.42	606	0.4	2.2	**1.3**	0.09	0.14	*C01-02*
Mouth	886	0.5	3.4	**2.1**	0.14	0.25	580	0.4	2.1	**1.0**	0.05	0.12	*C03-06*
Salivary glands	485	0.3	1.9	**1.1**	0.06	0.11	322	0.2	1.2	**0.7**	0.04	0.07	*C07-08*
Tonsil	811	0.5	3.1	**2.0**	0.17	0.24	178	0.1	0.6	**0.4**	0.03	0.05	*C09*
Other oropharynx	181	0.1	0.7	**0.4**	0.03	0.06	72	0.0	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	195	0.1	0.7	**0.5**	0.04	0.06	75	0.0	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	366	0.2	1.4	**0.9**	0.06	0.11	77	0.0	0.3	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	92	0.1	0.4	**0.2**	0.01	0.03	26	0.0	0.1	**0.0**	0.00	0.01	*C14*
Oesophagus	2958	1.8	11.3	**6.6**	0.37	0.82	799	0.5	2.9	**1.3**	0.06	0.15	*C15*
Stomach	2796	1.7	10.7	**5.8**	0.28	0.66	1685	1.1	6.1	**2.3**	0.11	0.25	*C16*
Small intestine	699	0.4	2.7	**1.6**	0.10	0.18	634	0.4	2.3	**1.1**	0.07	0.14	*C17*
Colon	12318	7.4	47.1	**25.2**	1.14	2.92	13955	8.7	50.6	**19.9**	0.87	2.24	*C18*
Rectum	5711	3.4	21.9	**12.8**	0.73	1.55	4397	2.7	15.9	**7.6**	0.44	0.88	*C19-20*
Anus	351	0.2	1.3	**0.8**	0.06	0.10	610	0.4	2.2	**1.3**	0.09	0.15	*C21*
Liver	2522	1.5	9.7	**5.7**	0.34	0.66	1004	0.6	3.6	**1.6**	0.09	0.18	*C22*
Gallbladder etc.	887	0.5	3.4	**1.7**	0.07	0.19	1139	0.7	4.1	**1.6**	0.07	0.18	*C23-24*
Pancreas	4150	2.5	15.9	**8.8**	0.45	1.07	4259	2.7	15.4	**6.2**	0.28	0.73	*C25*
Nose, sinuses etc.	278	0.2	1.1	**0.6**	0.04	0.07	201	0.1	0.7	**0.4**	0.02	0.04	*C30-31*
Larynx	2172	1.3	8.3	**5.0**	0.31	0.63	568	0.4	2.1	**1.2**	0.08	0.15	*C32*
Trachea, bronchus and lung	25814	15.5	98.8	**54.6**	2.47	6.89	21378	13.4	77.5	**36.5**	1.84	4.70	*C33-34*
Other thoracic organs	164	0.1	0.6	**0.4**	0.02	0.04	109	0.1	0.4	**0.3**	0.02	0.02	*C37-38*
Bone	322	0.2	1.2	**1.1**	0.07	0.09	279	0.2	1.0	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	6310	3.8	24.1	**15.2**	0.94	1.69	5036	3.1	18.3	**12.4**	0.90	1.24	*C43*
Other skin	520		2.0	**1.1**	0.05	0.11	447		1.6	**0.8**	0.05	0.09	*C44*
Mesothelioma	854	0.5	3.3	**1.6**	0.05	0.17	190	0.1	0.7	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	100	0.1	0.4	**0.3**	0.02	0.02	15	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	1137	0.7	4.4	**2.9**	0.17	0.28	979	0.6	3.5	**2.2**	0.14	0.21	*C47+C49*
Breast	402	0.2	1.5	**0.9**	0.05	0.11	42517	26.6	154.1	**87.0**	6.15	10.05	*C50*
Vulva							1097	0.7	4.0	**1.9**	0.11	0.20	*C51*
Vagina							237	0.1	0.9	**0.4**	0.02	0.05	*C52*
Cervix uteri							2239	1.4	8.1	**6.0**	0.48	0.59	*C53*
Corpus uteri							10864	6.8	39.4	**23.2**	1.70	2.87	*C54*
Uterus unspecified							155	0.1	0.6	**0.2**	0.01	0.02	*C55*
Ovary							5068	3.2	18.4	**10.2**	0.69	1.17	*C56*
Other female genital organs							227	0.1	0.8	**0.4**	0.03	0.05	*C57*
Placenta							10	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	210	0.1	0.8	**0.4**	0.02	0.05							*C60*
Prostate	43929	26.3	168.1	**100.7**	5.29	13.73							*C61*
Testis	1691	1.0	6.5	**6.2**	0.47	0.48							*C62*
Other male genital organs	66	0.0	0.3	**0.1**	0.01	0.01							*C63*
Kidney	5875	3.5	22.5	**14.0**	0.85	1.70	3799	2.4	13.8	**7.4**	0.46	0.86	*C64*
Renal pelvis	396	0.2	1.5	**0.8**	0.03	0.09	307	0.2	1.1	**0.4**	0.01	0.04	*C65*
Ureter	276	0.2	1.1	**0.5**	0.02	0.07	200	0.1	0.7	**0.3**	0.01	0.04	*C66*
Bladder	13213	7.9	50.6	**26.6**	1.10	3.15	4511	2.8	16.3	**7.0**	0.34	0.85	*C67*
Other urinary organs	129	0.1	0.5	**0.3**	0.01	0.03	49	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	282	0.2	1.1	**0.8**	0.05	0.09	302	0.2	1.1	**0.7**	0.04	0.07	*C69*
Brain, nervous system	2416	1.4	9.2	**7.1**	0.44	0.68	2060	1.3	7.5	**5.2**	0.32	0.48	*C70-72*
Thyroid	1942	1.2	7.4	**5.3**	0.39	0.57	6624	4.1	24.0	**18.7**	1.47	1.81	*C73*
Adrenal gland	95	0.1	0.4	**0.5**	0.02	0.03	108	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	48	0.0	0.2	**0.2**	0.01	0.01	35	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	991	0.6	3.8	**3.3**	0.23	0.27	886	0.6	3.2	**2.8**	0.19	0.23	*C81*
Non-Hodgkin lymphoma	7266	4.4	27.8	**16.6**	0.92	1.85	6735	4.2	24.4	**11.9**	0.65	1.37	*C82-85,C96*
Immunoproliferative diseases	132	0.1	0.5	**0.3**	0.01	0.03	122	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	1847	1.1	7.1	**3.9**	0.19	0.46	1691	1.1	6.1	**2.7**	0.13	0.32	*C90*
Lymphoid leukaemia	2519	1.5	9.6	**6.5**	0.33	0.63	1758	1.1	6.4	**3.8**	0.20	0.35	*C91*
Myeloid leukaemia	2136	1.3	8.2	**5.0**	0.26	0.54	1776	1.1	6.4	**3.5**	0.21	0.37	*C92-94*
Leukaemia unspecified	193	0.1	0.7	**0.4**	0.01	0.03	203	0.1	0.7	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	1012	0.6	3.9	**2.3**	0.12	0.26	965	0.6	3.5	**1.6**	0.08	0.18	*MPD*
Myelodysplastic syndromes	1886	1.1	7.2	**3.3**	0.09	0.33	1492	0.9	5.4	**1.9**	0.06	0.19	*MDS*
Other and unspecified	3689	2.2	14.1	**7.5**	0.35	0.83	4757	3.0	17.2	**6.7**	0.30	0.76	*O&U*
All sites	167339		640.3	**376.4**	19.76	45.50	160505		581.7	**307.0**	19.16	34.92	*C00-96*
All sites except C44	166819	100.0	638.3	**375.3**	19.71	45.38	160058	100.0	580.1	**306.2**	19.11	34.84	*C00-96 exc. C44*

§Includes 1 case of unknown age

§Includes 1 case of unknown age

USA, Rhode Island

REGISTRATION AREA

The Rhode Island Cancer Registry (RICR) captures all cancer cases diagnosed and/or treated in the state of Rhode Island in the USA. The state is predominately urban, with a limited rural population. The population is 87% White (77% non-Hispanic White), 7% Black, and 3% Asian. Other races account for less than 1% of the population, and 3.3% of residents are of two or more races. Rhode Island has an ageing, mostly Catholic population. There are more residents older than 65 years and fewer residents younger than 18 years than the national averages. As younger Rhode Islanders leave, they are being replaced by a growing Hispanic population.

CANCER CARE FACILITIES

Rhode Island has 11 acute care hospitals (all of which have cancer programmes approved by the American College of Surgeons), five free-standing radiation therapy centres, and a small number of medical oncology practices. Health care costs are covered by private medical insurance, community health centres, and compassionate care provided by hospitals according to state law.

REGISTRY STRUCTURE AND METHODS

The RICR is supported by state law passed in 1986. Several revisions have been made to meet current reporting requirements. The Rhode Island Department of Health (DOH) contracts the Hospital Association of Rhode Island (HARI) to maintain the RICR, which is funded by the National Program of Cancer Registries (NPCR) and the DOH. Operational activities such as data collection and file preparation are conducted by employees filling 3.2 full-time equivalent positions at HARI. Surveillance and research are performed at DOH. Case reports are submitted electronically on cases diagnosed and/or treated in Rhode Island, and pathology reports are submitted from pathology laboratories nationwide. Case-finding audits are conducted quarterly, and 10% of all cases are audited annually. Cases are edited for duplicate reporting quarterly. Strong encryption is used to protect confidentiality.

INTERPRETING THE RESULTS

The reporting area has remained unchanged, and the population remains relatively stable. Treatment is increasingly centred at acute care hospitals. There have been no changes to coding or case definitions. Screening (with Pap tests and mammograms) is conducted by DOH as part of its Women's Cancer Screening Program.

USE OF THE DATA

Registry data are used by the DOH for surveillance and planning, as well as by researchers and hospital planners.

CONTRIBUTORS

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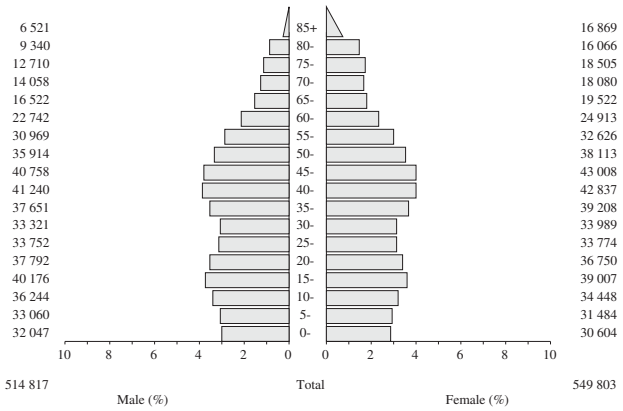
USA, Rhode Island (2003-2007)
Average annual person-years by sex and age group

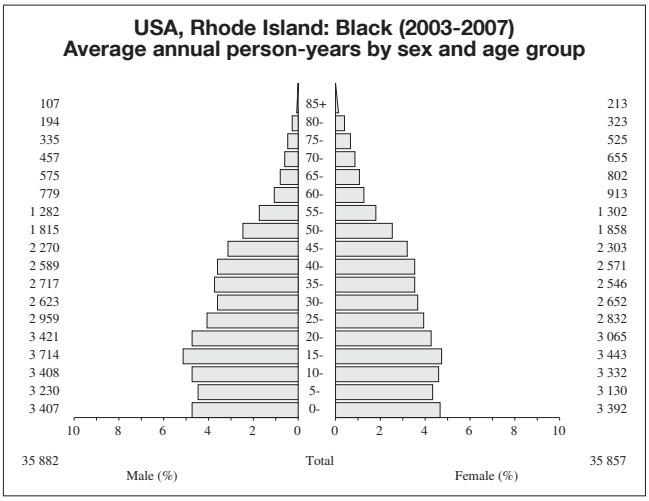


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

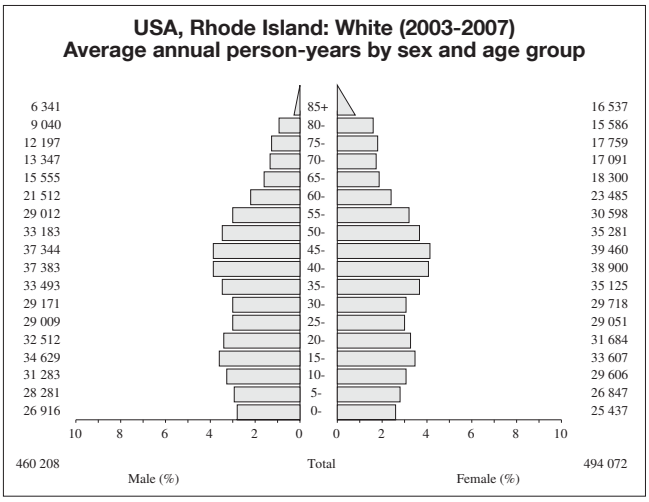
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	105.1	Breast	92.2
Trachea, bronchus and lung	56.5	Trachea, bronchus and lung	40.7
Bladder	30.7	Corpus uteri	22.4
Colon	24.2	Colon	19.2
Melanoma of skin	18.2	Thyroid	17.0
Non-Hodgkin lymphoma	16.7	Melanoma of skin	13.5
Kidney	14.4	Non-Hodgkin lymphoma	11.4
Rectum	12.1	Ovary	9.2
Liver	7.8	Rectum	7.9
Pancreas	7.7	Bladder	7.8
All sites	392.7	All sites	317.5



USA, RHODE ISLAND: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	128.9	Breast	81.5
Trachea, bronchus and lung	42.5	Trachea, bronchus and lung	40.9
Colon	20.5	Colon	23.1
Kidney	16.7	Thyroid	15.0
Bladder	14.2	Corpus uteri	13.1
Liver	13.7	Cervix uteri	9.5
Non-Hodgkin lymphoma	13.2	Ovary	9.1
Stomach	11.5	Rectum	8.2
Other and unspecified	10.4	Pancreas	7.1
Rectum	9.2	Kidney	6.5
All sites	351.1	All sites	280.5



USA, RHODE ISLAND: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	100.4	Breast	93.4
Trachea, bronchus and lung	57.2	Trachea, bronchus and lung	41.2
Bladder	31.2	Corpus uteri	21.7
Colon	24.4	Colon	19.1
Melanoma of skin	18.7	Thyroid	16.9
Non-Hodgkin lymphoma	16.9	Melanoma of skin	14.1
Kidney	14.3	Non-Hodgkin lymphoma	11.7
Rectum	12.2	Ovary	9.0
Oesophagus	7.9	Bladder	8.0
Brain, nervous system	7.9	Kidney	7.9
All sites	391.6	All sites	318.6

USA, Rhode Island (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	11	0.1	0.4	**0.2**	0.02	0.02	6	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	118	0.8	4.6	**3.2**	0.22	0.34	52	0.3	1.9	**1.3**	0.08	0.15	*C01-02*
Mouth	85	0.6	3.3	**2.3**	0.15	0.28	44	0.3	1.6	**0.9**	0.06	0.11	*C03-06*
Salivary glands	33	0.2	1.3	**0.8**	0.04	0.08	23	0.2	0.8	**0.6**	0.04	0.06	*C07-08*
Tonsil	71	0.5	2.8	**2.0**	0.17	0.24	19	0.1	0.7	**0.5**	0.03	0.05	*C09*
Other oropharynx	24	0.2	0.9	**0.7**	0.04	0.10	15	0.1	0.5	**0.3**	0.02	0.05	*C10*
Nasopharynx	21	0.1	0.8	**0.6**	0.04	0.06	9	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	46	0.3	1.8	**1.3**	0.07	0.17	7	0.0	0.3	**0.1**	0.00	0.02	*C12-13*
Pharynx unspecified	7	0.0	0.3	**0.2**	0.01	0.03	1	0.0	0.0	**0.0**	0.00	0.01	*C14*
Oesophagus	296	1.9	11.5	**7.7**	0.42	1.01	94	0.6	3.4	**1.6**	0.07	0.19	*C15*
Stomach	315	2.1	12.2	**7.6**	0.38	0.88	183	1.2	6.7	**3.0**	0.13	0.37	*C16*
Small intestine	63	0.4	2.4	**1.7**	0.10	0.21	84	0.6	3.1	**1.7**	0.11	0.22	*C17*
Colon	1037	6.8	40.3	**24.2**	1.03	2.75	1204	8.1	43.8	**19.2**	0.84	2.14	*C18*
Rectum	484	3.2	18.8	**12.1**	0.67	1.40	401	2.7	14.6	**7.9**	0.46	0.90	*C19-20*
Anus	36	0.2	1.4	**1.0**	0.06	0.13	46	0.3	1.7	**1.1**	0.08	0.11	*C21*
Liver	304	2.0	11.8	**7.8**	0.48	0.92	124	0.8	4.5	**2.4**	0.12	0.26	*C22*
Gallbladder etc.	90	0.6	3.5	**1.9**	0.06	0.22	102	0.7	3.7	**1.7**	0.08	0.19	*C23-24*
Pancreas	324	2.1	12.6	**7.7**	0.37	0.93	354	2.4	12.9	**6.2**	0.30	0.75	*C25*
Nose, sinuses etc.	30	0.2	1.2	**0.9**	0.05	0.09	15	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	221	1.4	8.6	**5.8**	0.34	0.72	54	0.4	2.0	**1.2**	0.07	0.17	*C32*
Trachea, bronchus and lung	2322	15.2	90.2	**56.5**	2.51	7.02	2076	13.9	75.5	**40.7**	2.16	5.18	*C33-34*
Other thoracic organs	18	0.1	0.7	**0.5**	0.03	0.04	10	0.1	0.4	**0.4**	0.02	0.03	*C37-38*
Bone	27	0.2	1.0	**0.9**	0.06	0.06	31	0.2	1.1	**1.1**	0.06	0.08	*C40-41*
Melanoma of skin	692	4.5	26.9	**18.2**	1.07	2.04	561	3.8	20.4	**13.5**	0.92	1.43	*C43*
Other skin	46		1.8	**1.1**	0.06	0.10	43		1.6	**0.8**	0.03	0.07	*C44*
Mesothelioma	60	0.4	2.3	**1.2**	0.04	0.12	15	0.1	0.5	**0.2**	0.02	0.02	*C45*
Kaposi sarcoma	26	0.2	1.0	**0.7**	0.04	0.06	7	0.0	0.3	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	107	0.7	4.2	**3.0**	0.18	0.29	99	0.7	3.6	**2.5**	0.16	0.24	*C47+C49*
Breast	35	0.2	1.4	**0.8**	0.04	0.10	4052	27.1	147.4	**92.2**	6.52	10.75	*C50*
Vulva							119	0.8	4.3	**2.5**	0.17	0.28	*C51*
Vagina							16	0.1	0.6	**0.3**	0.02	0.03	*C52*
Cervix uteri							231	1.5	8.4	**6.4**	0.51	0.61	*C53*
Corpus uteri							953	6.4	34.7	**22.4**	1.70	2.73	*C54*
Uterus unspecified							21	0.1	0.8	**0.3**	0.02	0.04	*C55*
Ovary							419	2.8	15.2	**9.2**	0.66	1.04	*C56*
Other female genital organs							27	0.2	1.0	**0.6**	0.05	0.07	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	31	0.2	1.2	**0.8**	0.03	0.08							*C60*
Prostate	3947	25.8	153.3	**105.1**	5.68	14.09							*C61*
Testis	155	1.0	6.0	**5.5**	0.42	0.42							*C62*
Other male genital organs	3	0.0	0.1	**0.1**	0.00	0.02							*C63*
Kidney	538	3.5	20.9	**14.4**	0.82	1.73	359	2.4	13.1	**7.7**	0.44	0.86	*C64*
Renal pelvis	21	0.1	0.8	**0.4**	0.02	0.03	30	0.2	1.1	**0.4**	0.01	0.04	*C65*
Ureter	26	0.2	1.0	**0.6**	0.01	0.07	13	0.1	0.5	**0.2**	0.00	0.02	*C66*
Bladder	1314	8.6	51.0	**30.7**	1.37	3.59	457	3.1	16.6	**7.8**	0.36	0.93	*C67*
Other urinary organs	11	0.1	0.4	**0.3**	0.01	0.03	5	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	31	0.2	1.2	**0.9**	0.05	0.09	29	0.2	1.1	**0.9**	0.06	0.08	*C69*
Brain, nervous system	243	1.6	9.4	**7.4**	0.47	0.68	188	1.3	6.8	**4.8**	0.28	0.41	*C70-72*
Thyroid	187	1.2	7.3	**5.5**	0.41	0.57	578	3.9	21.0	**17.0**	1.30	1.64	*C73*
Adrenal gland	9	0.1	0.3	**0.3**	0.02	0.02	11	0.1	0.4	**0.3**	0.02	0.03	*C74*
Other endocrine	5	0.0	0.2	**0.2**	0.01	0.02	2	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	107	0.7	4.2	**3.4**	0.22	0.28	84	0.6	3.1	**2.6**	0.17	0.20	*C81*
Non-Hodgkin lymphoma	639	4.2	24.8	**16.7**	0.93	1.91	586	3.9	21.3	**11.4**	0.69	1.24	*C82-85,C96*
Immunoproliferative diseases	18	0.1	0.7	**0.4**	0.02	0.06	10	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	163	1.1	6.3	**4.1**	0.20	0.50	161	1.1	5.9	**2.8**	0.12	0.33	*C90*
Lymphoid leukaemia	213	1.4	8.3	**6.3**	0.33	0.61	135	0.9	4.9	**3.5**	0.19	0.29	*C91*
Myeloid leukaemia	220	1.4	8.5	**5.7**	0.28	0.59	197	1.3	7.2	**4.3**	0.24	0.46	*C92-94*
Leukaemia unspecified	10	0.1	0.4	**0.3**	0.01	0.03	18	0.1	0.7	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	68	0.4	2.6	**1.7**	0.10	0.20	80	0.5	2.9	**1.5**	0.09	0.18	*MPD*
Myelodysplastic syndromes	107	0.7	4.2	**2.4**	0.07	0.28	105	0.7	3.8	**1.4**	0.05	0.14	*MDS*
Other and unspecified	316	2.1	12.3	**7.4**	0.39	0.80	427	2.9	15.5	**7.0**	0.33	0.79	*O&U*
All sites	15331		595.6	**392.7**	20.64	47.10	14993		545.4	**317.5**	19.98	36.09	*C00-96*
All sites except C44	15285	100.0	593.8	**391.5**	20.58	47.00	14950	100.0	543.8	**316.7**	19.95	36.03	*C00-96 exc. C44*

USA, Rhode Island: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	3	0.6	1.7	**2.3**	0.28	0.28	0	0.0	0.0	**0.0**	0.00	0.00	*C01-02*
Mouth	2	0.4	1.1	**1.1**	0.10	0.10	5	1.0	2.8	**2.9**	0.23	0.38	*C03-06*
Salivary glands	1	0.2	0.6	**0.6**	0.06	0.06	1	0.2	0.6	**0.5**	0.04	0.04	*C07-08*
Tonsil	6	1.2	3.3	**4.0**	0.14	0.54	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	2	0.4	1.1	**1.7**	0.08	0.25	2	0.4	1.1	**1.3**	0.11	0.11	*C10*
Nasopharynx	1	0.2	0.6	**0.5**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	1	0.2	0.6	**1.0**	0.00	0.17	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.2	0.6	**0.6**	0.08	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	5	1.0	2.8	**3.7**	0.13	0.13	4	0.8	2.2	**2.4**	0.05	0.30	*C15*
Stomach	16	3.3	8.9	**11.5**	0.50	1.60	7	1.4	3.9	**4.2**	0.13	0.69	*C16*
Small intestine	2	0.4	1.1	**1.5**	0.17	0.17	2	0.4	1.1	**1.2**	0.08	0.23	*C17*
Colon	28	5.8	15.6	**20.5**	1.18	2.14	40	8.2	22.3	**23.1**	1.63	2.46	*C18*
Rectum	15	3.1	8.4	**9.2**	0.64	1.03	14	2.9	7.8	**8.2**	0.83	0.83	*C19-20*
Anus	1	0.2	0.6	**0.6**	0.06	0.06	3	0.6	1.7	**1.5**	0.13	0.13	*C21*
Liver	20	4.1	11.1	**13.7**	1.05	1.83	9	1.8	5.0	**5.4**	0.45	0.60	*C22*
Gallbladder etc.	4	0.8	2.2	**2.9**	0.08	0.25	4	0.8	2.2	**2.3**	0.21	0.21	*C23-24*
Pancreas	10	2.1	5.6	**7.0**	0.34	0.73	11	2.2	6.1	**7.1**	0.18	1.14	*C25*
Nose, sinuses etc.	1	0.2	0.6	**0.6**	0.08	0.08	1	0.2	0.6	**0.6**	0.08	0.08	*C30-31*
Larynx	6	1.2	3.3	**4.8**	0.36	0.53	1	0.2	0.6	**0.5**	0.05	0.05	*C32*
Trachea, bronchus and lung	60	12.4	33.4	**42.5**	1.96	5.14	69	14.1	38.5	**40.9**	2.12	5.09	*C33-34*
Other thoracic organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	2	0.4	1.1	**1.0**	0.06	0.06	1	0.2	0.6	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	1	0.2	0.6	**0.5**	0.04	0.04	3	0.6	1.7	**1.8**	0.15	0.31	*C43*
Other skin	5		2.8	**2.8**	0.18	0.18	1		0.6	**0.5**	0.00	0.00	*C44*
Mesothelioma	1	0.2	0.6	**0.5**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.2	0.6	**0.6**	0.00	0.00	1	0.2	0.6	**0.5**	0.04	0.04	*C46*
Connective and soft tissue	4	0.8	2.2	**2.6**	0.12	0.29	6	1.2	3.3	**3.2**	0.18	0.30	*C47+C49*
Breast	3	0.6	1.7	**2.0**	0.11	0.33	144	29.4	80.3	**81.5**	5.94	8.57	*C50*
Vulva							4	0.8	2.2	**2.0**	0.16	0.16	*C51*
Vagina							0	0.0	0.0	**0.0**	0.00	0.00	*C52*
Cervix uteri							18	3.7	10.0	**9.5**	0.77	0.92	*C53*
Corpus uteri							22	4.5	12.3	**13.1**	0.68	2.00	*C54*
Uterus unspecified							1	0.2	0.6	**0.6**	0.00	0.15	*C55*
Ovary							15	3.1	8.4	**9.1**	0.71	0.99	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							1	0.2	0.6	**0.6**	0.04	0.04	*C58*
Penis	1	0.2	0.6	**1.0**	0.13	0.13							*C60*
Prostate	167	34.5	93.1	**128.9**	7.52	17.19							*C61*
Testis	2	0.4	1.1	**0.9**	0.07	0.07							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	24	5.0	13.4	**16.7**	1.04	2.04	11	2.2	6.1	**6.5**	0.52	0.79	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.2	0.6	**0.9**	0.00	0.22	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	20	4.1	11.1	**14.2**	0.79	1.53	7	1.4	3.9	**3.2**	0.08	0.20	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	5	1.0	2.8	**3.3**	0.22	0.22	6	1.2	3.3	**3.8**	0.17	0.30	*C70-72*
Thyroid	5	1.0	2.8	**2.4**	0.15	0.15	28	5.7	15.6	**15.0**	1.23	1.48	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.6	**0.6**	0.08	0.08	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	3	0.6	1.7	**1.4**	0.12	0.12	3	0.6	1.7	**1.8**	0.18	0.18	*C81*
Non-Hodgkin lymphoma	21	4.3	11.7	**13.2**	1.06	1.45	9	1.8	5.0	**4.5**	0.26	0.57	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	8	1.7	4.5	**6.6**	0.43	0.83	10	2.0	5.6	**5.5**	0.24	0.67	*C90*
Lymphoid leukaemia	3	0.6	1.7	**2.0**	0.17	0.17	2	0.4	1.1	**1.1**	0.00	0.12	*C91*
Myeloid leukaemia	9	1.9	5.0	**6.0**	0.40	0.57	9	1.8	5.0	**5.3**	0.28	0.71	*C92-94*
Leukaemia unspecified	1	0.2	0.6	**0.5**	0.03	0.03	1	0.2	0.6	**0.5**	0.04	0.04	*C95*
Myeloproliferative disorders	2	0.4	1.1	**1.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	2	0.4	1.1	**1.4**	0.00	0.22	3	0.6	1.7	**1.5**	0.04	0.20	*MDS*
Other and unspecified	13	2.7	7.2	**10.4**	0.16	0.99	11	2.2	6.1	**6.3**	0.12	0.83	*O&U*
All sites	489		272.6	**351.1**	20.09	42.02	491		273.9	**280.5**	18.28	32.04	*C00-96*
All sites except C44	484	100.0	269.8	**348.3**	19.92	41.85	490	100.0	273.3	**280.0**	18.28	32.04	*C00-96 exc. C44*

USA, Rhode Island: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	10	0.1	0.4	**0.2**	0.01	0.02	6	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	111	0.8	4.8	**3.2**	0.22	0.34	50	0.4	2.0	**1.3**	0.08	0.16	*C01-02*
Mouth	80	0.6	3.5	**2.3**	0.15	0.27	37	0.3	1.5	**0.8**	0.05	0.08	*C03-06*
Salivary glands	32	0.2	1.4	**0.9**	0.05	0.09	21	0.1	0.9	**0.5**	0.03	0.06	*C07-08*
Tonsil	62	0.4	2.7	**1.9**	0.17	0.22	19	0.1	0.8	**0.5**	0.03	0.06	*C09*
Other oropharynx	22	0.2	1.0	**0.6**	0.04	0.09	13	0.1	0.5	**0.3**	0.02	0.04	*C10*
Nasopharynx	17	0.1	0.7	**0.5**	0.03	0.06	7	0.0	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	45	0.3	2.0	**1.3**	0.08	0.17	7	0.0	0.3	**0.1**	0.00	0.02	*C12-13*
Pharynx unspecified	6	0.0	0.3	**0.2**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	286	2.0	12.4	**7.9**	0.43	1.05	88	0.6	3.6	**1.6**	0.07	0.19	*C15*
Stomach	295	2.1	12.8	**7.5**	0.37	0.86	172	1.2	7.0	**2.9**	0.12	0.35	*C16*
Small intestine	60	0.4	2.6	**1.7**	0.10	0.21	81	0.6	3.3	**1.8**	0.11	0.22	*C17*
Colon	992	6.9	43.1	**24.4**	1.02	2.80	1142	8.1	46.2	**19.1**	0.81	2.15	*C18*
Rectum	459	3.2	19.9	**12.2**	0.67	1.42	381	2.7	15.4	**7.9**	0.45	0.91	*C19-20*
Anus	35	0.2	1.5	**1.0**	0.07	0.14	43	0.3	1.7	**1.0**	0.08	0.11	*C21*
Liver	264	1.8	11.5	**7.0**	0.42	0.83	111	0.8	4.5	**2.2**	0.10	0.24	*C22*
Gallbladder etc.	81	0.6	3.5	**1.8**	0.06	0.21	95	0.7	3.8	**1.6**	0.08	0.18	*C23-24*
Pancreas	307	2.1	13.3	**7.8**	0.37	0.94	338	2.4	13.7	**6.1**	0.30	0.73	*C25*
Nose, sinuses etc.	28	0.2	1.2	**0.9**	0.05	0.09	14	0.1	0.6	**0.3**	0.02	0.03	*C30-31*
Larynx	215	1.5	9.3	**5.9**	0.35	0.75	52	0.4	2.1	**1.2**	0.07	0.17	*C32*
Trachea, bronchus and lung	2226	15.5	96.7	**57.2**	2.53	7.13	1990	14.1	80.6	**41.2**	2.20	5.26	*C33-34*
Other thoracic organs	18	0.1	0.8	**0.6**	0.03	0.04	10	0.1	0.4	**0.4**	0.03	0.04	*C37-38*
Bone	24	0.2	1.0	**0.9**	0.06	0.06	29	0.2	1.2	**1.1**	0.07	0.08	*C40-41*
Melanoma of skin	666	4.6	28.9	**18.7**	1.09	2.10	540	3.8	21.9	**14.1**	0.97	1.47	*C43*
Other skin	41		1.8	**1.0**	0.05	0.09	42		1.7	**0.8**	0.03	0.07	*C44*
Mesothelioma	58	0.4	2.5	**1.3**	0.05	0.12	15	0.1	0.6	**0.3**	0.02	0.02	*C45*
Kaposi sarcoma	24	0.2	1.0	**0.7**	0.04	0.06	6	0.0	0.2	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	102	0.7	4.4	**3.0**	0.19	0.29	91	0.6	3.7	**2.5**	0.16	0.24	*C47+C49*
Breast	32	0.2	1.4	**0.8**	0.04	0.10	3847	27.3	155.7	**93.4**	6.60	10.93	*C50*
Vulva							108	0.8	4.4	**2.3**	0.16	0.26	*C51*
Vagina							15	0.1	0.6	**0.3**	0.02	0.03	*C52*
Cervix uteri							193	1.4	7.8	**5.9**	0.46	0.55	*C53*
Corpus uteri							865	6.1	35.0	**21.7**	1.64	2.64	*C54*
Uterus unspecified							20	0.1	0.8	**0.3**	0.03	0.03	*C55*
Ovary							387	2.7	15.7	**9.0**	0.65	1.01	*C56*
Other female genital organs							26	0.2	1.1	**0.6**	0.05	0.07	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	28	0.2	1.2	**0.7**	0.02	0.08							*C60*
Prostate	3557	24.8	154.6	**100.4**	5.49	13.50							*C61*
Testis	153	1.1	6.6	**6.1**	0.47	0.47							*C62*
Other male genital organs	3	0.0	0.1	**0.1**	0.00	0.02							*C63*
Kidney	504	3.5	21.9	**14.3**	0.81	1.72	345	2.4	14.0	**7.9**	0.45	0.87	*C64*
Renal pelvis	21	0.1	0.9	**0.4**	0.02	0.04	30	0.2	1.2	**0.4**	0.01	0.04	*C65*
Ureter	24	0.2	1.0	**0.6**	0.01	0.06	13	0.1	0.5	**0.2**	0.00	0.02	*C66*
Bladder	1273	8.9	55.3	**31.2**	1.40	3.65	441	3.1	17.9	**8.0**	0.38	0.97	*C67*
Other urinary organs	11	0.1	0.5	**0.3**	0.01	0.04	5	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	31	0.2	1.3	**0.9**	0.06	0.10	28	0.2	1.1	**0.9**	0.06	0.09	*C69*
Brain, nervous system	237	1.7	10.3	**7.9**	0.50	0.72	177	1.3	7.2	**4.8**	0.28	0.41	*C70-72*
Thyroid	180	1.3	7.8	**5.7**	0.44	0.60	523	3.7	21.2	**16.9**	1.29	1.63	*C73*
Adrenal gland	9	0.1	0.4	**0.4**	0.02	0.02	10	0.1	0.4	**0.4**	0.01	0.02	*C74*
Other endocrine	5	0.0	0.2	**0.2**	0.01	0.02	2	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	101	0.7	4.4	**3.5**	0.23	0.30	80	0.6	3.2	**2.7**	0.18	0.21	*C81*
Non-Hodgkin lymphoma	610	4.2	26.5	**16.9**	0.93	1.95	569	4.0	23.0	**11.7**	0.72	1.29	*C82-85,C96*
Immunoproliferative diseases	18	0.1	0.8	**0.5**	0.02	0.06	10	0.1	0.4	**0.2**	0.01	0.03	*C88*
Multiple myeloma	152	1.1	6.6	**4.0**	0.19	0.50	148	1.0	6.0	**2.7**	0.12	0.31	*C90*
Lymphoid leukaemia	205	1.4	8.9	**6.7**	0.35	0.64	130	0.9	5.3	**3.7**	0.20	0.31	*C91*
Myeloid leukaemia	209	1.5	9.1	**5.7**	0.28	0.60	185	1.3	7.5	**4.4**	0.25	0.46	*C92-94*
Leukaemia unspecified	9	0.1	0.4	**0.2**	0.01	0.03	17	0.1	0.7	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	64	0.4	2.8	**1.7**	0.10	0.21	78	0.6	3.2	**1.5**	0.09	0.18	*MPD*
Myelodysplastic syndromes	104	0.7	4.5	**2.4**	0.08	0.28	100	0.7	4.0	**1.4**	0.05	0.13	*MDS*
Other and unspecified	295	2.1	12.8	**7.3**	0.39	0.79	402	2.8	16.3	**6.9**	0.33	0.77	*O&U*
All sites	14401		625.8	**391.6**	20.58	46.96	14154		573.0	**318.6**	19.99	36.21	*C00-96*
All sites except C44	14360	100.0	624.1	**390.6**	20.53	46.87	14112	100.0	571.3	**317.8**	19.96	36.14	*C00-96 exc. C44*

USA, South Carolina

REGISTRATION AREA

The South Carolina Central Cancer Registry (SCCCR) covers the state of South Carolina, which has a population of approximately 4.6 million (67% White, 32% Black, and 1% of other races). The proportion of Hispanic residents is increasing. South Carolina is considered to be 66% urban and 34% rural.

CANCER CARE FACILITIES

Comprehensive cancer services are provided by 17 hospitals with cancer programmes approved by the American College of Surgeons Commission on Cancer. Independent radiotherapy and medical oncology facilities also provide cancer treatment. The South Carolina Cancer Alliance (a coalition of cancer stakeholders) provides and evaluates the state's Cancer Prevention and Control Plan.

REGISTRY STRUCTURE AND METHODS

The SCCCR is located at the Department of Health and Environmental Control (DHEC) and is established through state law, with accompanying regulations specifying the data to be collected and the rules for data confidentiality and use. The SCCCR actively collects cases from hospitals, pathology laboratories, free-standing treatment centres, and selected physician specialities. Quality control is conducted via electronic edits and visual review of cases. All data are geocoded and used for spatial analysis to assess community cancer concerns.

INTERPRETING THE RESULTS

In South Carolina, the Best Chance Network (BCN) provides uninsured and underserved women aged 47–64 years with free breast and cervical cancer screening. The programme is funded by the United States Centers for Disease Control and Prevention (CDC) and provides services including mammograms, clinical breast exams, Pap tests, pelvic exams, diagnostic procedures, case management, and community education on breast/cervical cancer and early detection. Women who qualify for BCN services may also qualify for the Well-Integrated Screening and Evaluation for Women Across the Nation (WISEWOMAN) programme, which provides screening and referral to community resources for women to help reduce their risk of heart disease and stroke.

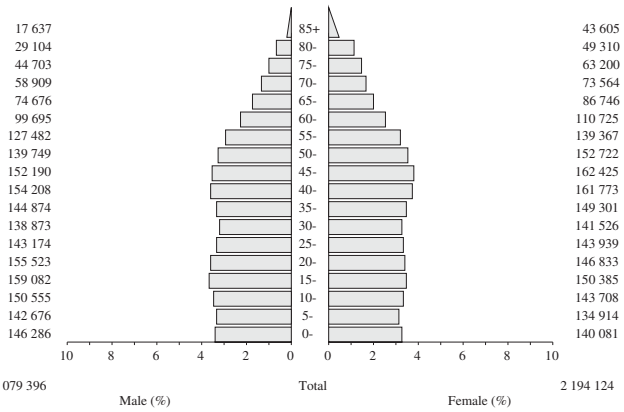
USE OF THE DATA

Data are submitted annually to CDC and the North American Association of Central Cancer Registries (NAACCR). The registry has achieved NAACCR Gold or Silver Certification for data completeness, timeliness, and quality each year since 1997. Data are used for cancer control planning, policy development, and evaluation of the state cancer plan, and are provided to external researchers. Public access to incidence and mortality data is provided on the DHEC South Carolina Community Assessment Network (SCAN) website, which provides interactive data queries, tables, and maps.

CONTRIBUTORS

Susan Bolick
Deborah Hurley

USA, South Carolina (2003-2007)
Average annual person-years by sex and age group

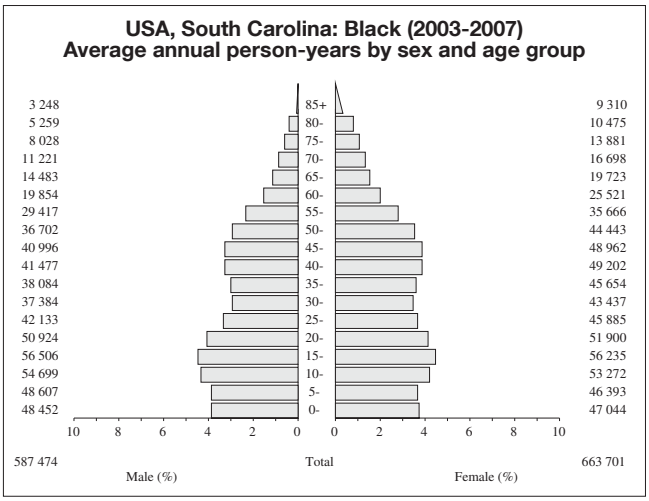


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

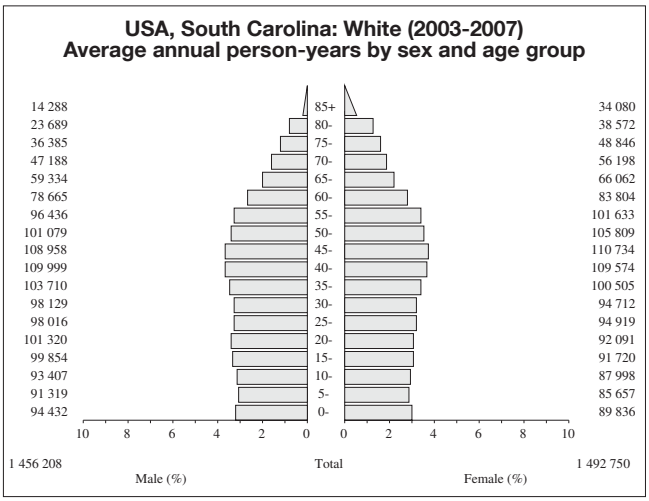
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	115.9	Breast	86.0
Trachea, bronchus and lung	65.3	Trachea, bronchus and lung	36.3
Colon	26.4	Colon	20.4
Melanoma of skin	18.5	Corpus uteri	13.9
Bladder	18.3	Melanoma of skin	13.2
Non-Hodgkin lymphoma	14.2	Non-Hodgkin lymphoma	9.8
Kidney	13.0	Thyroid	9.2
Rectum	11.4	Ovary	8.5
Other and unspecified	8.7	Kidney	7.4
Pancreas	8.6	Rectum	6.9
All sites	390.0	All sites	280.0



USA, SOUTH CAROLINA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	176.3	Breast	84.1
Trachea, bronchus and lung	70.5	Trachea, bronchus and lung	27.4
Colon	34.1	Colon	25.7
Kidney	13.2	Corpus uteri	15.1
Non-Hodgkin lymphoma	12.1	Kidney	8.3
Stomach	12.1	Cervix uteri	8.1
Oesophagus	11.8	Non-Hodgkin lymphoma	7.5
Rectum	11.2	Multiple myeloma	7.2
Pancreas	11.0	Pancreas	7.0
Larynx	10.7	Rectum	7.0
All sites	446.5	All sites	260.6



USA, SOUTH CAROLINA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	98.4	Breast	86.3
Trachea, bronchus and lung	63.8	Trachea, bronchus and lung	39.2
Colon	24.3	Colon	18.6
Melanoma of skin	23.4	Melanoma of skin	18.1
Bladder	20.9	Corpus uteri	13.7
Non-Hodgkin lymphoma	14.5	Non-Hodgkin lymphoma	10.4
Kidney	13.0	Thyroid	10.4
Rectum	11.3	Ovary	9.2
Other and unspecified	8.3	Kidney	7.3
Pancreas	8.0	Rectum	6.8
All sites	373.2	All sites	286.4

USA, South Carolina (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	95	0.2	0.9	**0.6**	0.04	0.07	21	0.0	0.2	**0.1**	0.01	0.01	*C00*
Tongue	511	0.9	4.9	**3.6**	0.28	0.44	173	0.4	1.6	**1.0**	0.07	0.11	*C01-02*
Mouth	370	0.6	3.6	**2.6**	0.18	0.30	218	0.4	2.0	**1.2**	0.06	0.13	*C03-06*
Salivary glands	149	0.3	1.4	**1.0**	0.05	0.10	86	0.2	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	358	0.6	3.4	**2.6**	0.20	0.30	109	0.2	1.0	**0.7**	0.05	0.07	*C09*
Other oropharynx	106	0.2	1.0	**0.8**	0.06	0.09	36	0.1	0.3	**0.2**	0.02	0.03	*C10*
Nasopharynx	97	0.2	0.9	**0.7**	0.06	0.07	40	0.1	0.4	**0.2**	0.02	0.03	*C11*
Hypopharynx	207	0.4	2.0	**1.4**	0.11	0.17	40	0.1	0.4	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	63	0.1	0.6	**0.4**	0.03	0.05	24	0.0	0.2	**0.1**	0.01	0.02	*C14*
Oesophagus	983	1.7	9.5	**6.6**	0.41	0.83	272	0.6	2.5	**1.5**	0.09	0.18	*C15*
Stomach	955	1.7	9.2	**6.3**	0.31	0.78	616	1.3	5.6	**3.0**	0.15	0.33	*C16*
Small intestine	259	0.4	2.5	**1.7**	0.11	0.21	262	0.5	2.4	**1.5**	0.10	0.17	*C17*
Colon	4036	7.0	38.8	**26.4**	1.40	3.15	4081	8.3	37.2	**20.4**	1.08	2.35	*C18*
Rectum	1668	2.9	16.0	**11.4**	0.73	1.40	1250	2.5	11.4	**6.9**	0.44	0.82	*C19-20*
Anus	131	0.2	1.3	**0.9**	0.07	0.10	213	0.4	1.9	**1.2**	0.09	0.14	*C21*
Liver	764	1.3	7.3	**5.2**	0.34	0.60	279	0.6	2.5	**1.5**	0.08	0.17	*C22*
Gallbladder etc.	248	0.4	2.4	**1.6**	0.07	0.20	297	0.6	2.7	**1.4**	0.06	0.17	*C23-24*
Pancreas	1314	2.3	12.6	**8.6**	0.48	1.03	1275	2.6	11.6	**6.1**	0.30	0.70	*C25*
Nose, sinuses etc.	128	0.2	1.2	**0.9**	0.05	0.10	58	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	1011	1.8	9.7	**7.0**	0.47	0.86	210	0.4	1.9	**1.3**	0.09	0.16	*C32*
Trachea, bronchus and lung	9977	17.3	96.0	**65.3**	3.23	8.31	6865	14.0	62.6	**36.3**	1.92	4.70	*C33-34*
Other thoracic organs	43	0.1	0.4	**0.3**	0.02	0.03	35	0.1	0.3	**0.3**	0.02	0.03	*C37-38*
Bone	96	0.2	0.9	**0.8**	0.06	0.07	98	0.2	0.9	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	2698	4.7	25.9	**18.5**	1.11	2.13	1992	4.0	18.2	**13.2**	0.95	1.34	*C43*
Other skin	160		1.5	**1.1**	0.06	0.12	152		1.4	**0.9**	0.05	0.09	*C44*
Mesothelioma	149	0.3	1.4	**0.9**	0.03	0.11	38	0.1	0.3	**0.2**	0.02	0.03	*C45*
Kaposi sarcoma	41	0.1	0.4	**0.3**	0.02	0.03	9	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	379	0.7	3.6	**2.7**	0.16	0.27	280	0.6	2.6	**1.8**	0.11	0.17	*C47+C49*
Breast	135	0.2	1.3	**0.9**	0.06	0.12	14552	29.6	132.6	**86.0**	6.11	9.98	*C50*
Vulva							306	0.6	2.8	**1.7**	0.10	0.18	*C51*
Vagina							100	0.2	0.9	**0.5**	0.03	0.06	*C52*
Cervix uteri							931	1.9	8.5	**6.5**	0.52	0.63	*C53*
Corpus uteri							2394	4.9	21.8	**13.9**	0.95	1.72	*C54*
Uterus unspecified							91	0.2	0.8	**0.5**	0.03	0.06	*C55*
Ovary							1489	3.0	13.6	**8.5**	0.54	0.99	*C56*
Other female genital organs							80	0.2	0.7	**0.5**	0.03	0.06	*C57*
Placenta							11	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	80	0.1	0.8	**0.5**	0.03	0.06							*C60*
Prostate	17229	29.9	165.7	**115.9**	6.07	15.70							*C61*
Testis	414	0.7	4.0	**3.8**	0.28	0.28							*C62*
Other male genital organs	12	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	1873	3.2	18.0	**13.0**	0.83	1.58	1290	2.6	11.8	**7.4**	0.48	0.85	*C64*
Renal pelvis	72	0.1	0.7	**0.5**	0.02	0.05	61	0.1	0.6	**0.3**	0.01	0.04	*C65*
Ureter	81	0.1	0.8	**0.5**	0.02	0.06	44	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	2929	5.1	28.2	**18.3**	0.75	2.19	1020	2.1	9.3	**4.7**	0.21	0.55	*C67*
Other urinary organs	26	0.0	0.3	**0.2**	0.01	0.02	19	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	78	0.1	0.8	**0.6**	0.03	0.06	63	0.1	0.6	**0.5**	0.03	0.04	*C69*
Brain, nervous system	792	1.4	7.6	**6.2**	0.38	0.61	683	1.4	6.2	**4.7**	0.28	0.45	*C70-72*
Thyroid	390	0.7	3.8	**2.9**	0.21	0.32	1290	2.6	11.8	**9.2**	0.72	0.92	*C73*
Adrenal gland	29	0.1	0.3	**0.3**	0.01	0.03	26	0.1	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	28	0.0	0.3	**0.3**	0.01	0.02	13	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	329	0.6	3.2	**2.8**	0.19	0.24	237	0.5	2.2	**2.0**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	2050	3.6	19.7	**14.2**	0.80	1.60	1793	3.6	16.3	**9.8**	0.55	1.11	*C82-85,C96*
Immunoproliferative diseases	17	0.0	0.2	**0.1**	0.00	0.01	18	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	752	1.3	7.2	**4.9**	0.24	0.60	731	1.5	6.7	**3.8**	0.21	0.46	*C90*
Lymphoid leukaemia	780	1.4	7.5	**5.8**	0.29	0.59	549	1.1	5.0	**3.1**	0.15	0.31	*C91*
Myeloid leukaemia	701	1.2	6.7	**4.9**	0.25	0.48	539	1.1	4.9	**3.2**	0.18	0.34	*C92-94*
Leukaemia unspecified	70	0.1	0.7	**0.4**	0.01	0.04	59	0.1	0.5	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	245	0.4	2.4	**1.6**	0.10	0.18	220	0.4	2.0	**1.2**	0.06	0.14	*MPD*
Myelodysplastic syndromes	394	0.7	3.8	**2.3**	0.07	0.24	330	0.7	3.0	**1.5**	0.06	0.16	*MDS*
Other and unspecified	1315	2.3	12.6	**8.7**	0.46	1.01	1378	2.8	12.6	**6.6**	0.34	0.72	*O&U*
All sites	57817		556.1	**390.0**	21.24	48.02	49346		449.8	**280.0**	17.65	32.14	*C00-96*
All sites except C44	57657	100.0	554.6	**388.9**	21.18	47.90	49194	100.0	448.4	**279.1**	17.59	32.06	*C00-96 exc. C44*

USA, South Carolina: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.0	0.1	**0.0**	0.00	0.00	3	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	117	0.8	4.0	**3.7**	0.30	0.45	25	0.2	0.8	**0.6**	0.04	0.06	*C01-02*
Mouth	104	0.8	3.5	**3.3**	0.29	0.39	52	0.5	1.6	**1.2**	0.07	0.14	*C03-06*
Salivary glands	19	0.1	0.6	**0.6**	0.04	0.06	20	0.2	0.6	**0.4**	0.03	0.05	*C07-08*
Tonsil	89	0.6	3.0	**2.9**	0.20	0.35	21	0.2	0.6	**0.5**	0.04	0.05	*C09*
Other oropharynx	42	0.3	1.4	**1.2**	0.10	0.13	9	0.1	0.3	**0.2**	0.02	0.02	*C10*
Nasopharynx	36	0.3	1.2	**1.2**	0.09	0.12	8	0.1	0.2	**0.2**	0.01	0.03	*C11*
Hypopharynx	84	0.6	2.9	**2.6**	0.18	0.32	7	0.1	0.2	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	27	0.2	0.9	**0.8**	0.06	0.09	3	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	366	2.7	12.5	**11.8**	0.75	1.56	101	0.9	3.0	**2.4**	0.17	0.30	*C15*
Stomach	385	2.8	13.1	**12.1**	0.58	1.45	239	2.1	7.2	**4.9**	0.26	0.53	*C16*
Small intestine	74	0.5	2.5	**2.3**	0.16	0.27	98	0.9	3.0	**2.2**	0.16	0.26	*C17*
Colon	1083	7.9	36.9	**34.1**	1.88	4.09	1207	10.6	36.4	**25.7**	1.48	2.97	*C18*
Rectum	348	2.5	11.8	**11.2**	0.68	1.40	304	2.7	9.2	**7.0**	0.50	0.82	*C19-20*
Anus	44	0.3	1.5	**1.4**	0.09	0.14	36	0.3	1.1	**0.8**	0.06	0.09	*C21*
Liver	184	1.3	6.3	**5.7**	0.43	0.67	71	0.6	2.1	**1.7**	0.09	0.20	*C22*
Gallbladder etc.	65	0.5	2.2	**2.1**	0.09	0.27	84	0.7	2.5	**1.9**	0.11	0.23	*C23-24*
Pancreas	346	2.5	11.8	**11.0**	0.68	1.29	346	3.0	10.4	**7.0**	0.35	0.82	*C25*
Nose, sinuses etc.	25	0.2	0.9	**0.8**	0.06	0.09	12	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	336	2.4	11.4	**10.7**	0.74	1.34	68	0.6	2.0	**1.6**	0.11	0.21	*C32*
Trachea, bronchus and lung	2177	15.8	74.1	**70.5**	4.00	9.02	1224	10.8	36.9	**27.4**	1.62	3.44	*C33-34*
Other thoracic organs	15	0.1	0.5	**0.5**	0.03	0.06	14	0.1	0.4	**0.4**	0.03	0.04	*C37-38*
Bone	32	0.2	1.1	**1.1**	0.07	0.08	21	0.2	0.6	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	17	0.1	0.6	**0.6**	0.03	0.07	29	0.3	0.9	**0.6**	0.03	0.06	*C43*
Other skin	31		1.1	**1.0**	0.08	0.09	31		0.9	**0.8**	0.05	0.07	*C44*
Mesothelioma	10	0.1	0.3	**0.3**	0.01	0.05	5	0.0	0.2	**0.1**	0.01	0.02	*C45*
Kaposi sarcoma	15	0.1	0.5	**0.5**	0.03	0.05	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	69	0.5	2.3	**2.2**	0.15	0.23	79	0.7	2.4	**1.9**	0.10	0.20	*C47+C49*
Breast	41	0.3	1.4	**1.3**	0.08	0.15	3541	31.1	106.7	**84.1**	6.18	9.63	*C50*
Vulva							42	0.4	1.3	**0.9**	0.06	0.10	*C51*
Vagina							24	0.2	0.7	**0.5**	0.03	0.06	*C52*
Cervix uteri							334	2.9	10.1	**8.1**	0.62	0.82	*C53*
Corpus uteri							640	5.6	19.3	**15.1**	0.88	1.91	*C54*
Uterus unspecified							44	0.4	1.3	**0.9**	0.06	0.10	*C55*
Ovary							278	2.4	8.4	**6.3**	0.41	0.71	*C56*
Other female genital organs							17	0.1	0.5	**0.3**	0.02	0.03	*C57*
Placenta							2	0.0	0.1	**0.0**	0.00	0.00	*C58*
Penis	23	0.2	0.8	**0.7**	0.05	0.07							*C60*
Prostate	5328	38.7	181.4	**176.3**	9.86	23.89							*C61*
Testis	31	0.2	1.1	**1.0**	0.07	0.08							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	412	3.0	14.0	**13.2**	0.86	1.60	365	3.2	11.0	**8.3**	0.52	0.91	*C64*
Renal pelvis	8	0.1	0.3	**0.2**	0.01	0.03	5	0.0	0.2	**0.1**	0.01	0.01	*C65*
Ureter	5	0.0	0.2	**0.2**	0.01	0.02	7	0.1	0.2	**0.1**	0.01	0.01	*C66*
Bladder	269	2.0	9.2	**8.4**	0.37	0.94	185	1.6	5.6	**3.5**	0.15	0.41	*C67*
Other urinary organs	5	0.0	0.2	**0.2**	0.01	0.02	5	0.0	0.2	**0.1**	0.01	0.02	*C68*
Eye	6	0.0	0.2	**0.2**	0.02	0.02	9	0.1	0.3	**0.4**	0.02	0.03	*C69*
Brain, nervous system	109	0.8	3.7	**3.6**	0.22	0.35	117	1.0	3.5	**3.2**	0.19	0.27	*C70-72*
Thyroid	53	0.4	1.8	**1.7**	0.14	0.19	260	2.3	7.8	**6.5**	0.50	0.66	*C73*
Adrenal gland	6	0.0	0.2	**0.2**	0.01	0.02	9	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	8	0.1	0.3	**0.3**	0.01	0.04	7	0.1	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	57	0.4	1.9	**1.8**	0.13	0.15	67	0.6	2.0	**2.0**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	378	2.7	12.9	**12.1**	0.83	1.32	322	2.8	9.7	**7.5**	0.46	0.78	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.0	**0.0**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	249	1.8	8.5	**7.9**	0.41	0.96	325	2.9	9.8	**7.2**	0.43	0.87	*C90*
Lymphoid leukaemia	117	0.8	4.0	**3.8**	0.20	0.39	106	0.9	3.2	**2.5**	0.12	0.28	*C91*
Myeloid leukaemia	127	0.9	4.3	**4.0**	0.20	0.40	111	1.0	3.3	**2.5**	0.14	0.26	*C92-94*
Leukaemia unspecified	13	0.1	0.4	**0.4**	0.01	0.06	8	0.1	0.2	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	34	0.2	1.2	**1.1**	0.06	0.14	38	0.3	1.1	**0.8**	0.05	0.08	*MPD*
Myelodysplastic syndromes	53	0.4	1.8	**1.8**	0.07	0.21	67	0.6	2.0	**1.4**	0.05	0.18	*MDS*
Other and unspecified	320	2.3	10.9	**10.1**	0.55	1.25	347	3.1	10.5	**6.8**	0.36	0.68	*O&U*
All sites	13796		469.7	**446.5**	25.99	56.42	11401		343.6	**260.6**	16.85	29.78	*C00-96*
All sites except C44	13765	100.0	468.6	**445.5**	25.92	56.34	11370	100.0	342.6	**259.7**	16.80	29.71	*C00-96 exc. C44*

USA, South Carolina: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	92	0.2	1.3	**0.8**	0.05	0.09	18	0.0	0.2	**0.1**	0.01	0.01	*C00*
Tongue	391	0.9	5.4	**3.7**	0.28	0.44	143	0.4	1.9	**1.1**	0.08	0.13	*C01-02*
Mouth	260	0.6	3.6	**2.4**	0.15	0.28	164	0.4	2.2	**1.1**	0.06	0.13	*C03-06*
Salivary glands	130	0.3	1.8	**1.1**	0.06	0.11	65	0.2	0.9	**0.5**	0.03	0.06	*C07-08*
Tonsil	268	0.6	3.7	**2.5**	0.21	0.29	86	0.2	1.2	**0.7**	0.06	0.08	*C09*
Other oropharynx	64	0.1	0.9	**0.6**	0.05	0.08	27	0.1	0.4	**0.2**	0.02	0.03	*C10*
Nasopharynx	59	0.1	0.8	**0.6**	0.04	0.06	30	0.1	0.4	**0.2**	0.02	0.03	*C11*
Hypopharynx	123	0.3	1.7	**1.1**	0.08	0.13	32	0.1	0.4	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	36	0.1	0.5	**0.3**	0.02	0.04	21	0.1	0.3	**0.2**	0.01	0.02	*C14*
Oesophagus	614	1.4	8.4	**5.2**	0.31	0.64	168	0.5	2.3	**1.2**	0.07	0.14	*C15*
Stomach	552	1.3	7.6	**4.7**	0.23	0.59	362	1.0	4.9	**2.3**	0.11	0.26	*C16*
Small intestine	181	0.4	2.5	**1.6**	0.09	0.19	161	0.4	2.2	**1.2**	0.08	0.14	*C17*
Colon	2908	6.8	39.9	**24.3**	1.25	2.89	2835	7.6	38.0	**18.6**	0.93	2.14	*C18*
Rectum	1296	3.0	17.8	**11.3**	0.73	1.39	925	2.5	12.4	**6.8**	0.42	0.81	*C19-20*
Anus	85	0.2	1.2	**0.8**	0.06	0.09	175	0.5	2.3	**1.4**	0.11	0.16	*C21*
Liver	567	1.3	7.8	**4.9**	0.30	0.57	197	0.5	2.6	**1.3**	0.07	0.15	*C22*
Gallbladder etc.	180	0.4	2.5	**1.5**	0.07	0.18	211	0.6	2.8	**1.3**	0.05	0.15	*C23-24*
Pancreas	955	2.2	13.1	**8.0**	0.42	0.96	919	2.5	12.3	**5.7**	0.27	0.66	*C25*
Nose, sinuses etc.	103	0.2	1.4	**0.9**	0.06	0.10	44	0.1	0.6	**0.3**	0.02	0.03	*C30-31*
Larynx	668	1.6	9.2	**5.9**	0.39	0.74	141	0.4	1.9	**1.2**	0.08	0.14	*C32*
Trachea, bronchus and lung	7729	17.9	106.2	**63.8**	3.01	8.13	5592	15.0	74.9	**39.2**	2.04	5.11	*C33-34*
Other thoracic organs	28	0.1	0.4	**0.3**	0.02	0.03	21	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	63	0.1	0.9	**0.8**	0.05	0.06	73	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	2599	6.0	35.7	**23.4**	1.43	2.66	1916	5.2	25.7	**18.1**	1.31	1.81	*C43*
Other skin	127		1.7	**1.1**	0.05	0.12	116		1.6	**0.9**	0.05	0.09	*C44*
Mesothelioma	137	0.3	1.9	**1.0**	0.03	0.13	32	0.1	0.4	**0.2**	0.02	0.03	*C45*
Kaposi sarcoma	22	0.1	0.3	**0.2**	0.02	0.02	8	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	306	0.7	4.2	**2.9**	0.17	0.28	193	0.5	2.6	**1.8**	0.11	0.16	*C47+C49*
Breast	89	0.2	1.2	**0.8**	0.04	0.10	10828	29.1	145.1	**86.3**	6.07	10.07	*C50*
Vulva							259	0.7	3.5	**1.9**	0.12	0.21	*C51*
Vagina							74	0.2	1.0	**0.5**	0.02	0.06	*C52*
Cervix uteri							559	1.5	7.5	**5.8**	0.47	0.54	*C53*
Corpus uteri							1712	4.6	22.9	**13.7**	0.97	1.66	*C54*
Uterus unspecified							45	0.1	0.6	**0.4**	0.02	0.04	*C55*
Ovary							1193	3.2	16.0	**9.2**	0.59	1.08	*C56*
Other female genital organs							63	0.2	0.8	**0.5**	0.03	0.07	*C57*
Placenta							9	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	55	0.1	0.8	**0.5**	0.02	0.06							*C60*
Prostate	11560	26.8	158.8	**98.4**	4.91	13.36							*C61*
Testis	377	0.9	5.2	**4.9**	0.36	0.37							*C62*
Other male genital organs	11	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	1447	3.4	19.9	**13.0**	0.82	1.58	919	2.5	12.3	**7.3**	0.47	0.84	*C64*
Renal pelvis	64	0.1	0.9	**0.5**	0.02	0.06	56	0.2	0.8	**0.3**	0.01	0.05	*C65*
Ureter	76	0.2	1.0	**0.6**	0.02	0.07	37	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	2635	6.1	36.2	**20.9**	0.86	2.51	827	2.2	11.1	**5.1**	0.24	0.60	*C67*
Other urinary organs	21	0.0	0.3	**0.2**	0.01	0.02	14	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	65	0.2	0.9	**0.6**	0.03	0.07	52	0.1	0.7	**0.5**	0.03	0.04	*C69*
Brain, nervous system	672	1.6	9.2	**6.9**	0.43	0.68	558	1.5	7.5	**5.3**	0.32	0.51	*C70-72*
Thyroid	331	0.8	4.5	**3.3**	0.23	0.35	1008	2.7	13.5	**10.4**	0.81	1.02	*C73*
Adrenal gland	23	0.1	0.3	**0.4**	0.01	0.03	17	0.0	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	20	0.0	0.3	**0.3**	0.01	0.02	6	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	264	0.6	3.6	**3.2**	0.21	0.26	163	0.4	2.2	**2.0**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	1649	3.8	22.6	**14.5**	0.78	1.66	1440	3.9	19.3	**10.4**	0.57	1.20	*C82-85,C96*
Immunoproliferative diseases	16	0.0	0.2	**0.1**	0.00	0.02	17	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	489	1.1	6.7	**4.0**	0.18	0.49	398	1.1	5.3	**2.6**	0.13	0.32	*C90*
Lymphoid leukaemia	641	1.5	8.8	**6.4**	0.31	0.64	433	1.2	5.8	**3.4**	0.16	0.32	*C91*
Myeloid leukaemia	565	1.3	7.8	**5.1**	0.26	0.51	418	1.1	5.6	**3.5**	0.20	0.36	*C92-94*
Leukaemia unspecified	56	0.1	0.8	**0.4**	0.02	0.04	51	0.1	0.7	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	202	0.5	2.8	**1.7**	0.11	0.18	175	0.5	2.3	**1.2**	0.06	0.15	*MPD*
Myelodysplastic syndromes	338	0.8	4.6	**2.5**	0.07	0.25	254	0.7	3.4	**1.5**	0.06	0.15	*MDS*
Other and unspecified	980	2.3	13.5	**8.3**	0.44	0.95	1019	2.7	13.7	**6.5**	0.33	0.73	*O&U*
All sites	43189		593.2	**373.2**	19.80	45.59	37279		499.5	**286.4**	17.95	32.89	*C00-96*
All sites except C44	43062	100.0	591.4	**372.1**	19.75	45.46	37163	100.0	497.9	**285.5**	17.90	32.80	*C00-96 exc. C44*

USA, South Dakota

REGISTRATION AREA

The South Dakota Cancer Registry (SDCR) is a population-based central cancer registry that collects data on all cancer patients who reside within the borders of the state of South Dakota in the USA, or who are diagnosed and/or treated for cancer in South Dakota. At the 2010 national census, the population of South Dakota was approximately 814 000. The population is 86% White, 9% Native American, 1% Black, 1% Asian, and 1% Native Hawaiian, Pacific Islander, or of other races. The remaining 2% of residents identified themselves as being of two or more races. There are equal proportions of males and females in the population; 25% of residents are aged 18 years or younger, and 34% are aged 50 years or older.

CANCER CARE FACILITIES

All health care providers in South Dakota that diagnose or treat cancer patients are required to report to the SDCR. Seven hospitals in the state have cancer registries. Of these, five have cancer programmes approved by the American College of Surgeons Commission on Cancer.

REGISTRY STRUCTURE AND METHODS

The registry is located within the South Dakota Department of Health. The reference year for the SDCR is 2001. The registry is funded by the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR). The SDCR has two full-time employees: a registry coordinator and a data manager. In addition, three Department of Health employees each dedicate 10% of their time to the SDCR: a chronic disease epidemiologist, a team leader, and an administrator.

INTERPRETING THE RESULTS

SDCR data meet NPCR and North American Association of Central Cancer Registries (NAACCR) standards for timeliness, completeness, and quality. The data also meet the criteria for inclusion in the *United States Cancer Statistics* and *Cancer in North America* publications. South Dakota has breast cancer, cervical cancer, and colorectal cancer screening programmes, and the state has implemented a human papillomavirus (HPV) and cancer prevention campaign that promotes the HPV vaccine.

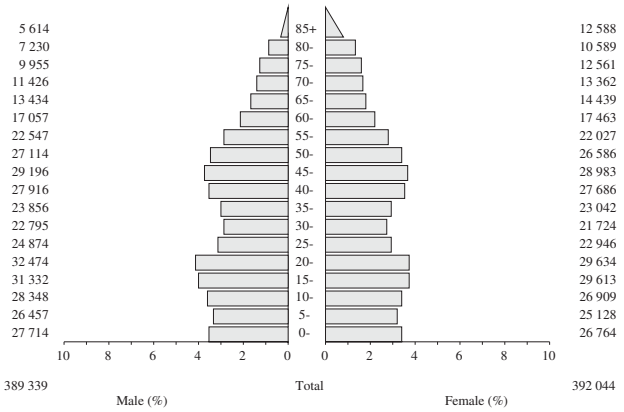
USE OF THE DATA

SDCR data are used for surveillance of cancer incidence and mortality rates, programme planning and evaluation, epidemiological studies, and cancer cluster investigations.

CONTRIBUTOR

Kay Dosch

USA, South Dakota (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	109.2	Breast	82.1
Trachea, bronchus and lung	47.2	Trachea, bronchus and lung	31.6
Colon	22.9	Corpus uteri	18.9
Bladder	20.5	Colon	18.4
Non-Hodgkin lymphoma	13.8	Thyroid	11.3
Rectum	12.3	Non-Hodgkin lymphoma	11.1
Kidney	12.0	Melanoma of skin	10.3
Melanoma of skin	11.6	Ovary	8.5
Other and unspecified	7.7	Kidney	7.4
Pancreas	6.8	Other and unspecified	6.7
All sites	340.6	All sites	268.1

USA, South Dakota (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	73	0.7	3.7	**2.2**	0.13	0.26	11	0.1	0.6	**0.3**	0.02	0.04	*C00*
Tongue	49	0.5	2.5	**1.8**	0.14	0.20	37	0.4	1.9	**1.2**	0.07	0.13	*C01-02*
Mouth	52	0.5	2.7	**1.8**	0.10	0.23	29	0.3	1.5	**1.0**	0.07	0.12	*C03-06*
Salivary glands	31	0.3	1.6	**0.9**	0.05	0.09	24	0.3	1.2	**0.7**	0.03	0.07	*C07-08*
Tonsil	42	0.4	2.2	**1.6**	0.13	0.20	6	0.1	0.3	**0.2**	0.03	0.03	*C09*
Other oropharynx	10	0.1	0.5	**0.4**	0.02	0.05	3	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	11	0.1	0.6	**0.4**	0.03	0.05	4	0.0	0.2	**0.2**	0.00	0.03	*C11*
Hypopharynx	14	0.1	0.7	**0.5**	0.02	0.06	7	0.1	0.4	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	2	0.0	0.1	**0.1**	0.01	0.01	3	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	177	1.7	9.1	**5.9**	0.28	0.80	47	0.5	2.4	**1.2**	0.06	0.17	*C15*
Stomach	157	1.5	8.1	**5.0**	0.25	0.60	80	0.9	4.1	**2.1**	0.11	0.24	*C16*
Small intestine	48	0.5	2.5	**1.6**	0.13	0.16	43	0.5	2.2	**1.1**	0.08	0.11	*C17*
Colon	757	7.3	38.9	**22.9**	1.14	2.59	834	9.3	42.5	**18.4**	0.68	2.15	*C18*
Rectum	356	3.4	18.3	**12.3**	0.73	1.49	232	2.6	11.8	**6.4**	0.39	0.71	*C19-20*
Anus	13	0.1	0.7	**0.5**	0.04	0.05	32	0.4	1.6	**1.0**	0.08	0.11	*C21*
Liver	88	0.8	4.5	**3.0**	0.17	0.36	48	0.5	2.4	**1.4**	0.06	0.16	*C22*
Gallbladder etc.	33	0.3	1.7	**1.0**	0.04	0.13	50	0.6	2.6	**1.1**	0.05	0.11	*C23-24*
Pancreas	226	2.2	11.6	**6.8**	0.33	0.74	245	2.7	12.5	**5.7**	0.29	0.62	*C25*
Nose, sinuses etc.	18	0.2	0.9	**0.6**	0.04	0.07	11	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	93	0.9	4.8	**3.2**	0.20	0.43	34	0.4	1.7	**1.1**	0.08	0.14	*C32*
Trachea, bronchus and lung	1545	14.9	79.4	**47.2**	2.07	5.91	1119	12.5	57.1	**31.6**	1.61	4.13	*C33-34*
Other thoracic organs	5	0.0	0.3	**0.2**	0.02	0.02	2	0.0	0.1	**0.1**	0.00	0.00	*C37-38*
Bone	29	0.3	1.5	**1.1**	0.06	0.09	15	0.2	0.8	**0.7**	0.05	0.07	*C40-41*
Melanoma of skin	324	3.1	16.6	**11.6**	0.71	1.30	276	3.1	14.1	**10.3**	0.72	1.05	*C43*
Other skin	16		0.8	**0.5**	0.03	0.05	19		1.0	**0.6**	0.04	0.06	*C44*
Mesothelioma	26	0.3	1.3	**0.6**	0.01	0.06	4	0.0	0.2	**0.1**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.1**	0.00	0.00	2	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	76	0.7	3.9	**2.8**	0.16	0.27	45	0.5	2.3	**1.4**	0.09	0.13	*C47+C49*
Breast	17	0.2	0.9	**0.5**	0.02	0.06	2586	29.0	131.9	**82.1**	5.63	9.53	*C50*
Vulva							66	0.7	3.4	**1.9**	0.13	0.21	*C51*
Vagina							13	0.1	0.7	**0.3**	0.01	0.04	*C52*
Cervix uteri							115	1.3	5.9	**4.8**	0.39	0.47	*C53*
Corpus uteri							561	6.3	28.6	**18.9**	1.34	2.34	*C54*
Uterus unspecified							11	0.1	0.6	**0.2**	0.01	0.02	*C55*
Ovary							267	3.0	13.6	**8.5**	0.53	1.00	*C56*
Other female genital organs							5	0.1	0.3	**0.1**	0.00	0.02	*C57*
Placenta							1	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	22	0.2	1.1	**0.6**	0.03	0.08							*C60*
Prostate	3293	31.8	169.2	**109.2**	5.09	14.79							*C61*
Testis	111	1.1	5.7	**5.5**	0.41	0.43							*C62*
Other male genital organs	3	0.0	0.2	**0.1**	0.00	0.00							*C63*
Kidney	343	3.3	17.6	**12.0**	0.72	1.43	238	2.7	12.1	**7.4**	0.42	0.88	*C64*
Renal pelvis	13	0.1	0.7	**0.4**	0.01	0.08	10	0.1	0.5	**0.2**	0.00	0.03	*C65*
Ureter	14	0.1	0.7	**0.5**	0.03	0.07	18	0.2	0.9	**0.3**	0.00	0.04	*C66*
Bladder	691	6.7	35.5	**20.5**	0.81	2.34	197	2.2	10.0	**5.0**	0.25	0.58	*C67*
Other urinary organs	5	0.0	0.3	**0.1**	0.00	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	12	0.1	0.6	**0.4**	0.02	0.02	8	0.1	0.4	**0.5**	0.02	0.04	*C69*
Brain, nervous system	155	1.5	8.0	**6.1**	0.33	0.59	121	1.4	6.2	**4.5**	0.29	0.48	*C70-72*
Thyroid	80	0.8	4.1	**3.1**	0.20	0.32	263	2.9	13.4	**11.3**	0.84	1.06	*C73*
Adrenal gland	5	0.0	0.3	**0.2**	0.01	0.02	2	0.0	0.1	**0.1**	0.00	0.00	*C74*
Other endocrine	1	0.0	0.1	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	61	0.6	3.1	**2.8**	0.19	0.23	45	0.5	2.3	**2.1**	0.13	0.17	*C81*
Non-Hodgkin lymphoma	411	4.0	21.1	**13.8**	0.75	1.56	390	4.4	19.9	**11.1**	0.64	1.28	*C82-85,C96*
Immunoproliferative diseases	8	0.1	0.4	**0.3**	0.01	0.05	6	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	135	1.3	6.9	**4.2**	0.24	0.50	101	1.1	5.2	**2.6**	0.12	0.33	*C90*
Lymphoid leukaemia	159	1.5	8.2	**5.9**	0.28	0.63	130	1.5	6.6	**4.4**	0.25	0.41	*C91*
Myeloid leukaemia	136	1.3	7.0	**4.7**	0.25	0.46	84	0.9	4.3	**2.5**	0.15	0.24	*C92-94*
Leukaemia unspecified	17	0.2	0.9	**0.4**	0.01	0.03	14	0.2	0.7	**0.3**	0.01	0.04	*C95*
Myeloproliferative disorders	62	0.6	3.2	**2.2**	0.11	0.22	40	0.4	2.0	**1.1**	0.06	0.14	*MPD*
Myelodysplastic syndromes	105	1.0	5.4	**2.5**	0.06	0.20	84	0.9	4.3	**2.1**	0.07	0.25	*MDS*
Other and unspecified	250	2.4	12.8	**7.7**	0.38	0.85	302	3.4	15.4	**6.7**	0.33	0.75	*O&U*
All sites	10381		533.3	**340.6**	17.04	41.24	8943		456.2	**268.1**	16.31	30.86	*C00-96*
All sites except C44	10365	100.0	532.4	**340.2**	17.01	41.19	8924	100.0	455.3	**267.5**	16.27	30.80	*C00-96 exc. C44*

USA, Tennessee

REGISTRATION AREA

The central, population-based Tennessee Cancer Registry (TCR) covers the state of Tennessee, which has a population of slightly more than 6.3 million. Approximately 96% of Tennesseans are either Black or White, which is significantly more than the national average. Geographically, about half of the state is located within the Appalachian Region of the USA. About one third of Tennessee residents live in rural areas.

CANCER CARE FACILITIES

Tennessee has 34 cancer treatment programmes approved by the American College of Surgeons Commission on Cancer, distributed statewide.

REGISTRY STRUCTURE AND METHODS

The TCR collects data from a variety of sources. The most important sources are hospitals, pathology laboratories, and ambulatory surgical treatment centres. Other sources include physicians' offices, autopsy-only cases, and radiation treatment/medical oncology centres. The TCR has achieved North American Association of Central Cancer Registries (NAACCR) Gold Certification, indicating that the data collected by the registry meet the highest national standards of completeness and quality. The TCR has 10 employees and processes about 53 000 abstracts per year, which are consolidated into about 43 000 individual records. The TCR was established by an act of the Tennessee Assembly, with the passing of the Cancer Reporting System Act of 1983 (TCA 68-1-1001). The law was subsequently revised to ensure that Tennessee would be eligible for federal grant funding provided after the passage of Public Law 102-515 by the United States Congress in 1992. TCR operations are mostly funded through a cooperative agreement with the United States Centers for Disease Control and Prevention (CDC).

INTERPRETING THE RESULTS

The Tennessee Department of Health operates the Tennessee Breast and Cervical Cancer Early Detection Program, which provides cancer screening services to women aged 40 years or older who meet income requirements.

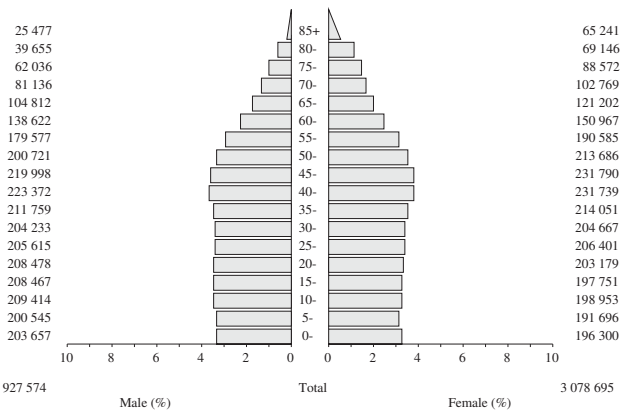
USE OF THE DATA

The TCR is required by law to produce an annual report on cancer incidence. Aggregate data are published annually in the report *Cancer in Tennessee*, which is provided to the gubernatorial administration and members of the Tennessee Assembly. The TCR also grants approximately 50–70 requests for aggregate data per year. Tennessee law allows for the sharing of individual-level cancer data, but only with qualified researchers for approved cancer research. TCR data are also used for planning cancer prevention and control activities, the goal of which is to reduce the overall burden of cancer in the state. On average, the TCR completes about 1–2 cancer cluster investigations annually, usually at the request of Tennessee residents.

CONTRIBUTOR

Martin Whiteside

USA, Tennessee (2003-2007)
Average annual person-years by sex and age group

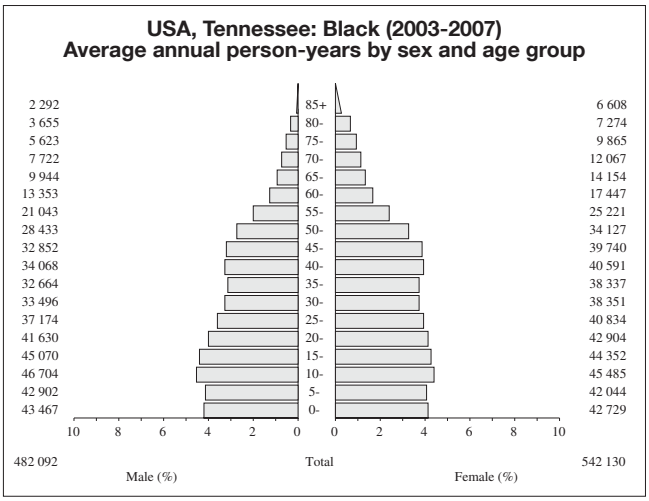


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

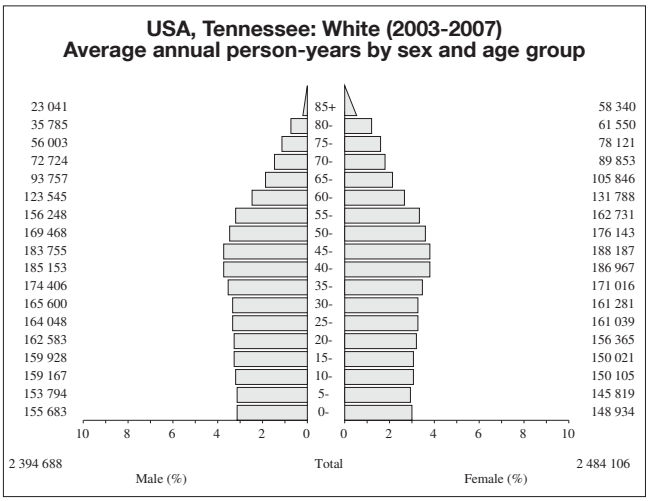
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	92.2	Breast	83.1
Trachea, bronchus and lung	70.6	Trachea, bronchus and lung	41.3
Colon	25.1	Colon	19.8
Bladder	19.4	Corpus uteri	13.4
Melanoma of skin	15.9	Thyroid	11.7
Non-Hodgkin lymphoma	14.5	Melanoma of skin	11.1
Kidney	14.0	Non-Hodgkin lymphoma	10.5
Rectum	11.4	Ovary	8.3
Pancreas	7.9	Kidney	7.6
Other and unspecified	7.7	Rectum	7.3
All sites	362.0	All sites	280.0



USA, TENNESSEE: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	138.3	Breast	84.7
Trachea, bronchus and lung	74.8	Trachea, bronchus and lung	38.3
Colon	31.9	Colon	26.5
Kidney	14.6	Corpus uteri	11.8
Rectum	11.0	Kidney	9.2
Non-Hodgkin lymphoma	10.4	Cervix uteri	8.5
Pancreas	10.3	Rectum	8.4
Bladder	9.9	Pancreas	7.5
Multiple myeloma	8.7	Non-Hodgkin lymphoma	7.4
Stomach	8.5	Thyroid	7.1
All sites	398.0	All sites	274.2



USA, TENNESSEE: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	86.5	Breast	82.6
Trachea, bronchus and lung	70.4	Trachea, bronchus and lung	41.9
Colon	24.2	Colon	18.8
Bladder	20.5	Corpus uteri	13.7
Melanoma of skin	17.9	Melanoma of skin	12.9
Non-Hodgkin lymphoma	14.8	Thyroid	12.7
Kidney	14.0	Non-Hodgkin lymphoma	10.9
Rectum	11.4	Ovary	8.5
Other and unspecified	7.7	Kidney	7.3
Pancreas	7.6	Rectum	7.2
All sites	358.0	All sites	281.1

USA, Tennessee (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	186	0.2	1.3	**0.9**	0.04	0.10	41	0.1	0.3	**0.1**	0.01	0.02	*C00*
Tongue	650	0.9	4.4	**3.3**	0.25	0.38	275	0.4	1.8	**1.1**	0.07	0.13	*C01-02*
Mouth	441	0.6	3.0	**2.2**	0.15	0.26	266	0.4	1.7	**1.0**	0.05	0.11	*C03-06*
Salivary glands	214	0.3	1.5	**1.0**	0.05	0.11	150	0.2	1.0	**0.6**	0.04	0.07	*C07-08*
Tonsil	497	0.7	3.4	**2.5**	0.21	0.29	126	0.2	0.8	**0.6**	0.04	0.06	*C09*
Other oropharynx	115	0.2	0.8	**0.6**	0.04	0.08	48	0.1	0.3	**0.2**	0.02	0.02	*C10*
Nasopharynx	120	0.2	0.8	**0.6**	0.05	0.07	51	0.1	0.3	**0.2**	0.02	0.03	*C11*
Hypopharynx	178	0.2	1.2	**0.9**	0.06	0.10	38	0.1	0.2	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	64	0.1	0.4	**0.3**	0.02	0.03	26	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	1164	1.5	8.0	**5.6**	0.36	0.69	308	0.5	2.0	**1.1**	0.06	0.14	*C15*
Stomach	1088	1.4	7.4	**5.0**	0.27	0.57	725	1.1	4.7	**2.6**	0.14	0.29	*C16*
Small intestine	315	0.4	2.2	**1.5**	0.10	0.18	289	0.4	1.9	**1.1**	0.07	0.14	*C17*
Colon	5434	7.2	37.1	**25.1**	1.29	2.94	5654	8.3	36.7	**19.8**	1.05	2.31	*C18*
Rectum	2380	3.2	16.3	**11.4**	0.69	1.37	1870	2.7	12.1	**7.3**	0.46	0.88	*C19-20*
Anus	163	0.2	1.1	**0.8**	0.05	0.09	329	0.5	2.1	**1.4**	0.11	0.15	*C21*
Liver	1037	1.4	7.1	**5.0**	0.35	0.58	431	0.6	2.8	**1.7**	0.10	0.19	*C22*
Gallbladder etc.	311	0.4	2.1	**1.4**	0.07	0.16	359	0.5	2.3	**1.3**	0.06	0.15	*C23-24*
Pancreas	1707	2.3	11.7	**7.9**	0.42	0.97	1650	2.4	10.7	**5.6**	0.27	0.65	*C25*
Nose, sinuses etc.	161	0.2	1.1	**0.8**	0.05	0.10	73	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	1316	1.8	9.0	**6.4**	0.42	0.80	350	0.5	2.3	**1.5**	0.11	0.20	*C32*
Trachea, bronchus and lung	15111	20.1	103.2	**70.6**	3.43	9.12	10598	15.5	68.8	**41.3**	2.28	5.40	*C33-34*
Other thoracic organs	65	0.1	0.4	**0.4**	0.02	0.03	51	0.1	0.3	**0.3**	0.02	0.03	*C37-38*
Bone	181	0.2	1.2	**1.2**	0.07	0.10	150	0.2	1.0	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	3236	4.3	22.1	**15.9**	1.01	1.81	2367	3.5	15.4	**11.1**	0.81	1.11	*C43*
Other skin	185		1.3	**0.9**	0.04	0.09	164		1.1	**0.7**	0.05	0.07	*C44*
Mesothelioma	205	0.3	1.4	**0.9**	0.04	0.11	46	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	47	0.1	0.3	**0.3**	0.02	0.02	8	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	449	0.6	3.1	**2.3**	0.14	0.23	419	0.6	2.7	**1.9**	0.12	0.19	*C47+C49*
Breast	211	0.3	1.4	**1.0**	0.06	0.12	19626	28.7	127.5	**83.1**	5.95	9.65	*C50*
Vulva							415	0.6	2.7	**1.6**	0.10	0.17	*C51*
Vagina							136	0.2	0.9	**0.5**	0.03	0.06	*C52*
Cervix uteri							1348	2.0	8.8	**6.6**	0.52	0.64	*C53*
Corpus uteri							3177	4.7	20.6	**13.4**	0.96	1.61	*C54*
Uterus unspecified							166	0.2	1.1	**0.7**	0.04	0.07	*C55*
Ovary							2039	3.0	13.2	**8.3**	0.53	0.96	*C56*
Other female genital organs							79	0.1	0.5	**0.3**	0.02	0.04	*C57*
Placenta							12	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	97	0.1	0.7	**0.5**	0.02	0.05							*C60*
Prostate	19226	25.6	131.3	**92.2**	4.74	12.50							*C61*
Testis	693	0.9	4.7	**4.4**	0.33	0.33							*C62*
Other male genital organs	23	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	2829	3.8	19.3	**14.0**	0.90	1.69	1786	2.6	11.6	**7.6**	0.48	0.89	*C64*
Renal pelvis	104	0.1	0.7	**0.5**	0.02	0.06	83	0.1	0.5	**0.3**	0.01	0.03	*C65*
Ureter	94	0.1	0.6	**0.4**	0.02	0.05	66	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	4306	5.7	29.4	**19.4**	0.80	2.32	1416	2.1	9.2	**4.9**	0.24	0.58	*C67*
Other urinary organs	44	0.1	0.3	**0.2**	0.01	0.02	25	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	143	0.2	1.0	**0.8**	0.05	0.08	121	0.2	0.8	**0.6**	0.03	0.06	*C69*
Brain, nervous system	1128	1.5	7.7	**6.3**	0.39	0.63	946	1.4	6.1	**4.7**	0.29	0.46	*C70-72*
Thyroid	729	1.0	5.0	**3.9**	0.28	0.44	2316	3.4	15.0	**11.7**	0.90	1.14	*C73*
Adrenal gland	52	0.1	0.4	**0.4**	0.02	0.03	64	0.1	0.4	**0.4**	0.03	0.03	*C74*
Other endocrine	20	0.0	0.1	**0.1**	0.01	0.01	16	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	375	0.5	2.6	**2.3**	0.16	0.20	374	0.5	2.4	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	2964	3.9	20.2	**14.5**	0.84	1.63	2717	4.0	17.7	**10.5**	0.58	1.22	*C82-85,C96*
Immunoproliferative diseases	28	0.0	0.2	**0.1**	0.01	0.01	19	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	942	1.3	6.4	**4.4**	0.22	0.54	799	1.2	5.2	**3.0**	0.16	0.37	*C90*
Lymphoid leukaemia	982	1.3	6.7	**5.5**	0.26	0.54	655	1.0	4.3	**3.1**	0.14	0.28	*C91*
Myeloid leukaemia	872	1.2	6.0	**4.3**	0.22	0.46	740	1.1	4.8	**3.3**	0.19	0.34	*C92-94*
Leukaemia unspecified	87	0.1	0.6	**0.4**	0.01	0.03	64	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	275	0.4	1.9	**1.3**	0.07	0.14	272	0.4	1.8	**1.0**	0.06	0.11	*MPD*
Myelodysplastic syndromes	450	0.6	3.1	**1.9**	0.06	0.18	352	0.5	2.3	**1.1**	0.04	0.11	*MDS*
Other and unspecified	1667	2.2	11.4	**7.7**	0.39	0.91	1783	2.6	11.6	**6.2**	0.32	0.69	*O&U*
All sites	75361		514.8	**362.0**	19.61	44.34	68474		444.8	**280.0**	17.88	32.27	*C00-96*
All sites except C44	75176	100.0	513.6	**361.1**	19.56	44.26	68310	100.0	443.8	**279.2**	17.83	32.19	*C00-96 exc. C44*

§Includes 4 cases of unknown age

§Includes 1 case of unknown age

USA, Tennessee: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	2	0.0	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	61	0.7	2.5	**2.7**	0.22	0.32	20	0.2	0.7	**0.7**	0.05	0.08	*C01-02*
Mouth	69	0.8	2.9	**3.0**	0.21	0.40	21	0.2	0.8	**0.7**	0.06	0.08	*C03-06*
Salivary glands	13	0.1	0.5	**0.6**	0.03	0.08	23	0.3	0.8	**0.8**	0.06	0.09	*C07-08*
Tonsil	68	0.8	2.8	**2.9**	0.24	0.34	16	0.2	0.6	**0.5**	0.04	0.06	*C09*
Other oropharynx	23	0.3	1.0	**1.1**	0.06	0.16	9	0.1	0.3	**0.3**	0.03	0.03	*C10*
Nasopharynx	21	0.2	0.9	**0.9**	0.04	0.12	16	0.2	0.6	**0.5**	0.04	0.06	*C11*
Hypopharynx	30	0.3	1.2	**1.2**	0.11	0.13	7	0.1	0.3	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	8	0.1	0.3	**0.4**	0.03	0.05	5	0.1	0.2	**0.2**	0.01	0.02	*C14*
Oesophagus	167	1.9	6.9	**7.4**	0.51	0.88	75	0.9	2.8	**2.4**	0.15	0.29	*C15*
Stomach	197	2.2	8.2	**8.5**	0.44	0.92	149	1.7	5.5	**4.2**	0.21	0.47	*C16*
Small intestine	51	0.6	2.1	**2.2**	0.14	0.27	67	0.8	2.5	**2.1**	0.13	0.25	*C17*
Colon	729	8.3	30.2	**31.9**	1.89	3.64	893	10.2	32.9	**26.5**	1.58	3.10	*C18*
Rectum	263	3.0	10.9	**11.0**	0.75	1.22	277	3.2	10.2	**8.4**	0.56	1.01	*C19-20*
Anus	24	0.3	1.0	**1.0**	0.06	0.13	32	0.4	1.2	**1.0**	0.08	0.11	*C21*
Liver	180	2.0	7.5	**7.4**	0.63	0.84	72	0.8	2.7	**2.2**	0.16	0.24	*C22*
Gallbladder etc.	26	0.3	1.1	**1.1**	0.04	0.11	43	0.5	1.6	**1.4**	0.08	0.16	*C23-24*
Pancreas	226	2.6	9.4	**10.3**	0.58	1.36	269	3.1	9.9	**7.5**	0.34	0.92	*C25*
Nose, sinuses etc.	21	0.2	0.9	**0.9**	0.08	0.10	10	0.1	0.4	**0.3**	0.01	0.04	*C30-31*
Larynx	188	2.1	7.8	**8.3**	0.56	1.00	56	0.6	2.1	**1.8**	0.11	0.26	*C32*
Trachea, bronchus and lung	1640	18.6	68.0	**74.8**	4.14	9.63	1220	13.9	45.0	**38.3**	2.13	4.99	*C33-34*
Other thoracic organs	12	0.1	0.5	**0.6**	0.05	0.06	11	0.1	0.4	**0.4**	0.03	0.04	*C37-38*
Bone	20	0.2	0.8	**0.8**	0.05	0.07	23	0.3	0.8	**0.8**	0.05	0.05	*C40-41*
Melanoma of skin	9	0.1	0.4	**0.4**	0.02	0.03	30	0.3	1.1	**0.9**	0.04	0.10	*C43*
Other skin	28		1.2	**1.1**	0.10	0.10	36		1.3	**1.1**	0.08	0.11	*C44*
Mesothelioma	10	0.1	0.4	**0.5**	0.04	0.07	4	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	15	0.2	0.6	**0.6**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	59	0.7	2.4	**2.5**	0.16	0.24	78	0.9	2.9	**2.4**	0.14	0.24	*C47+C49*
Breast	37	0.4	1.5	**1.5**	0.09	0.15	2716	30.9	100.2	**84.7**	6.20	9.58	*C50*
Vulva							33	0.4	1.2	**1.0**	0.07	0.12	*C51*
Vagina							21	0.2	0.8	**0.7**	0.04	0.10	*C52*
Cervix uteri							272	3.1	10.0	**8.5**	0.67	0.86	*C53*
Corpus uteri							355	4.0	13.1	**11.8**	0.76	1.53	*C54*
Uterus unspecified							30	0.3	1.1	**0.9**	0.04	0.11	*C55*
Ovary							210	2.4	7.7	**6.6**	0.41	0.76	*C56*
Other female genital organs							12	0.1	0.4	**0.4**	0.04	0.06	*C57*
Placenta							3	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	11	0.1	0.5	**0.5**	0.02	0.06							*C60*
Prostate	2956	33.5	122.6	**138.3**	7.54	18.36							*C61*
Testis	25	0.3	1.0	**0.9**	0.07	0.07							*C62*
Other male genital organs	2	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	326	3.7	13.5	**14.6**	0.97	1.76	292	3.3	10.8	**9.2**	0.52	1.09	*C64*
Renal pelvis	2	0.0	0.1	**0.1**	0.01	0.01	4	0.0	0.1	**0.1**	0.00	0.01	*C65*
Ureter	3	0.0	0.1	**0.2**	0.01	0.02	5	0.1	0.2	**0.1**	0.00	0.01	*C66*
Bladder	229	2.6	9.5	**9.9**	0.41	1.13	131	1.5	4.8	**3.6**	0.17	0.42	*C67*
Other urinary organs	7	0.1	0.3	**0.3**	0.01	0.03	11	0.1	0.4	**0.4**	0.02	0.07	*C68*
Eye	14	0.2	0.6	**0.7**	0.03	0.04	4	0.0	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	89	1.0	3.7	**3.8**	0.25	0.40	77	0.9	2.8	**2.8**	0.18	0.25	*C70-72*
Thyroid	43	0.5	1.8	**1.8**	0.12	0.21	219	2.5	8.1	**7.1**	0.55	0.72	*C73*
Adrenal gland	9	0.1	0.4	**0.5**	0.02	0.03	6	0.1	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	5	0.1	0.2	**0.2**	0.02	0.03	4	0.0	0.1	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	54	0.6	2.2	**2.2**	0.16	0.18	62	0.7	2.3	**2.1**	0.15	0.16	*C81*
Non-Hodgkin lymphoma	249	2.8	10.3	**10.4**	0.73	1.06	234	2.7	8.6	**7.4**	0.45	0.83	*C82-85,C96*
Immunoproliferative diseases	4	0.0	0.2	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	190	2.2	7.9	**8.7**	0.43	1.12	200	2.3	7.4	**6.1**	0.33	0.75	*C90*
Lymphoid leukaemia	109	1.2	4.5	**4.9**	0.22	0.52	67	0.8	2.5	**2.5**	0.10	0.24	*C91*
Myeloid leukaemia	82	0.9	3.4	**3.5**	0.18	0.41	85	1.0	3.1	**2.8**	0.18	0.31	*C92-94*
Leukaemia unspecified	10	0.1	0.4	**0.4**	0.03	0.04	7	0.1	0.3	**0.2**	0.02	0.02	*C95*
Myeloproliferative disorders	21	0.2	0.9	**0.9**	0.05	0.11	31	0.4	1.1	**0.9**	0.06	0.11	*MPD*
Myelodysplastic syndromes	31	0.4	1.3	**1.3**	0.04	0.13	27	0.3	1.0	**0.7**	0.03	0.06	*MDS*
Other and unspecified	177	2.0	7.3	**8.0**	0.42	0.92	247	2.8	9.1	**7.1**	0.37	0.80	*O&U*
All sites	8845		366.9	**398.0**	23.08	49.16	8827		325.6	**274.2**	17.61	31.83	*C00-96*
All sites except C44	8817	100.0	365.8	**396.9**	22.98	49.06	8791	100.0	324.3	**273.0**	17.53	31.73	*C00-96 exc. C44*

USA, Tennessee: White (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	181	0.3	1.5	**1.0**	0.05	0.11	39	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	584	0.9	4.9	**3.4**	0.26	0.39	252	0.4	2.0	**1.2**	0.08	0.14	*C01-02*
Mouth	364	0.6	3.0	**2.0**	0.14	0.24	242	0.4	1.9	**1.0**	0.05	0.12	*C03-06*
Salivary glands	198	0.3	1.7	**1.0**	0.05	0.11	119	0.2	1.0	**0.6**	0.04	0.06	*C07-08*
Tonsil	428	0.7	3.6	**2.5**	0.21	0.29	110	0.2	0.9	**0.6**	0.05	0.07	*C09*
Other oropharynx	91	0.1	0.8	**0.5**	0.04	0.07	39	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	92	0.1	0.8	**0.6**	0.05	0.06	34	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	147	0.2	1.2	**0.8**	0.05	0.10	31	0.1	0.2	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	56	0.1	0.5	**0.3**	0.02	0.03	21	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	988	1.5	8.3	**5.4**	0.34	0.68	230	0.4	1.9	**0.9**	0.04	0.12	*C15*
Stomach	871	1.3	7.3	**4.6**	0.24	0.52	561	1.0	4.5	**2.3**	0.12	0.26	*C16*
Small intestine	260	0.4	2.2	**1.4**	0.09	0.17	219	0.4	1.8	**1.0**	0.06	0.12	*C17*
Colon	4658	7.1	38.9	**24.2**	1.21	2.86	4710	8.0	37.9	**18.8**	0.97	2.19	*C18*
Rectum	2088	3.2	17.4	**11.4**	0.68	1.37	1575	2.7	12.7	**7.2**	0.44	0.86	*C19-20*
Anus	138	0.2	1.2	**0.8**	0.05	0.09	296	0.5	2.4	**1.5**	0.12	0.16	*C21*
Liver	829	1.3	6.9	**4.6**	0.31	0.53	346	0.6	2.8	**1.5**	0.09	0.17	*C22*
Gallbladder etc.	282	0.4	2.4	**1.4**	0.07	0.16	310	0.5	2.5	**1.2**	0.06	0.15	*C23-24*
Pancreas	1465	2.2	12.2	**7.6**	0.40	0.92	1373	2.3	11.1	**5.3**	0.27	0.62	*C25*
Nose, sinuses etc.	140	0.2	1.2	**0.8**	0.05	0.10	60	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	1122	1.7	9.4	**6.2**	0.40	0.78	293	0.5	2.4	**1.5**	0.11	0.19	*C32*
Trachea, bronchus and lung	13383	20.4	111.8	**70.4**	3.36	9.10	9302	15.9	74.9	**41.9**	2.32	5.47	*C33-34*
Other thoracic organs	51	0.1	0.4	**0.3**	0.02	0.03	39	0.1	0.3	**0.2**	0.01	0.03	*C37-38*
Bone	157	0.2	1.3	**1.2**	0.08	0.10	123	0.2	1.0	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	3151	4.8	26.3	**17.9**	1.15	2.02	2271	3.9	18.3	**12.9**	0.95	1.28	*C43*
Other skin	154		1.3	**0.8**	0.04	0.08	124		1.0	**0.6**	0.04	0.07	*C44*
Mesothelioma	195	0.3	1.6	**1.0**	0.04	0.11	41	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	29	0.0	0.2	**0.2**	0.01	0.01	8	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	385	0.6	3.2	**2.3**	0.13	0.22	335	0.6	2.7	**1.9**	0.11	0.18	*C47+C49*
Breast	172	0.3	1.4	**0.9**	0.05	0.11	16684	28.4	134.3	**82.6**	5.90	9.65	*C50*
Vulva							378	0.6	3.0	**1.7**	0.11	0.18	*C51*
Vagina							110	0.2	0.9	**0.5**	0.03	0.05	*C52*
Cervix uteri							1037	1.8	8.3	**6.2**	0.49	0.59	*C53*
Corpus uteri							2783	4.7	22.4	**13.7**	1.00	1.63	*C54*
Uterus unspecified							135	0.2	1.1	**0.6**	0.04	0.07	*C55*
Ovary							1803	3.1	14.5	**8.5**	0.55	0.98	*C56*
Other female genital organs							66	0.1	0.5	**0.3**	0.02	0.04	*C57*
Placenta							7	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	86	0.1	0.7	**0.5**	0.02	0.05							*C60*
Prostate	16036	24.5	133.9	**86.5**	4.39	11.79							*C61*
Testis	659	1.0	5.5	**5.1**	0.38	0.39							*C62*
Other male genital organs	21	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	2480	3.8	20.7	**14.0**	0.90	1.69	1477	2.5	11.9	**7.3**	0.47	0.86	*C64*
Renal pelvis	101	0.2	0.8	**0.5**	0.03	0.06	79	0.1	0.6	**0.3**	0.01	0.04	*C65*
Ureter	90	0.1	0.8	**0.4**	0.02	0.06	60	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	4040	6.2	33.7	**20.5**	0.85	2.46	1273	2.2	10.2	**5.1**	0.25	0.61	*C67*
Other urinary organs	36	0.1	0.3	**0.2**	0.01	0.02	13	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	128	0.2	1.1	**0.8**	0.05	0.09	117	0.2	0.9	**0.7**	0.04	0.07	*C69*
Brain, nervous system	1025	1.6	8.6	**6.7**	0.41	0.67	850	1.4	6.8	**5.0**	0.31	0.49	*C70-72*
Thyroid	676	1.0	5.6	**4.3**	0.31	0.47	2053	3.5	16.5	**12.7**	0.98	1.22	*C73*
Adrenal gland	43	0.1	0.4	**0.4**	0.02	0.03	56	0.1	0.5	**0.5**	0.03	0.03	*C74*
Other endocrine	14	0.0	0.1	**0.1**	0.01	0.01	12	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	313	0.5	2.6	**2.3**	0.16	0.20	306	0.5	2.5	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	2679	4.1	22.4	**14.8**	0.84	1.69	2448	4.2	19.7	**10.9**	0.60	1.28	*C82-85,C96*
Immunoproliferative diseases	23	0.0	0.2	**0.1**	0.01	0.01	18	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	740	1.1	6.2	**3.8**	0.19	0.48	588	1.0	4.7	**2.5**	0.13	0.31	*C90*
Lymphoid leukaemia	856	1.3	7.1	**5.6**	0.26	0.54	568	1.0	4.6	**3.1**	0.15	0.28	*C91*
Myeloid leukaemia	776	1.2	6.5	**4.4**	0.22	0.46	647	1.1	5.2	**3.4**	0.20	0.34	*C92-94*
Leukaemia unspecified	75	0.1	0.6	**0.4**	0.01	0.03	57	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	251	0.4	2.1	**1.3**	0.08	0.14	238	0.4	1.9	**1.1**	0.06	0.11	*MPD*
Myelodysplastic syndromes	415	0.6	3.5	**2.0**	0.06	0.19	323	0.6	2.6	**1.1**	0.04	0.12	*MDS*
Other and unspecified	1474	2.2	12.3	**7.7**	0.39	0.91	1518	2.6	12.2	**6.1**	0.32	0.67	*O&U*
All sites	65696		548.7	**358.0**	19.24	43.82	58807		473.5	**281.1**	17.96	32.35	*C00-96*
All sites except C44	65542	100.0	547.4	**357.2**	19.20	43.73	58683	100.0	472.5	**280.4**	17.92	32.28	*C00-96 exc. C44*

§Includes 1 case of unknown age

USA, Texas

REGISTRATION AREA

The Texas Cancer Registry (TCR) covers the state of Texas. At the 2010 census, the population was 25.1 million – a 17% increase since 2000. About 16% of the population is foreign-born. Non-Hispanic Whites make up 45% of the population, Blacks 12%, and Hispanics (of any race) 38%. Only 12% of residents live in rural areas, although rural areas account for more than half of the state's geographical area.

CANCER CARE FACILITIES

Cancer services are located primarily in the large metropolitan areas and are internationally recognized for their high-quality care. About 80% of Texas residents younger than 65 years and 99% of residents aged 65 years or older are covered by either private or public health insurance.

REGISTRY STRUCTURE AND METHODS

The TCR is a combination active and passive surveillance system responsible for the collection, maintenance, and dissemination of high-quality population-based cancer data on Texas residents. Confidential reporting without informed consent is mandated by law and has been population-based since 1995. In 2009, the registry's data sources included more than 500 public and private hospitals, cancer treatment centres, ambulatory surgery centres, and pathology laboratories. Vital status is ascertained at least annually from the state's Department of Vital Statistics and the National Death Index. The TCR consists of a central office and six regional offices and has 52 employees, 50% of whom are certified tumour registrars. In 2009, the registry received more than 248 000 reports of cancer; of these, more than 20 000 were for out-of-state residents, largely due to the internationally recognized cancer care available in Texas. These reports are distributed throughout the USA to other state cancer registries and make a significant contribution to the overall national cancer surveillance system.

INTERPRETING THE RESULTS

Since 2006, TCR data have met the highest quality standards as defined by the North American Association of Central Cancer Registries (NAACCR) and the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR). The Texas Comprehensive Cancer Control Program operates tobacco use cessation, breast cancer screening, and survivorship navigation programmes to reduce cancer risk, increase early detection and treatment rates, and enhance survivorship, respectively.

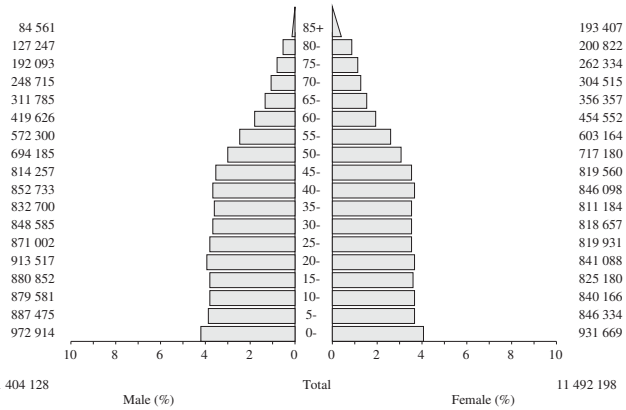
USE OF THE DATA

In addition to publishing annual reports on all cancers in Texas and specialized reports on particular cancers, the TCR also reports at least annually on cancer incidence, mortality, and survival, as well as expected cases and deaths and estimated prevalence, both through the TCR website and in print publications.

CONTRIBUTOR

Melanie Williams

USA, Texas (2003-2007)
Average annual person-years by sex and age group

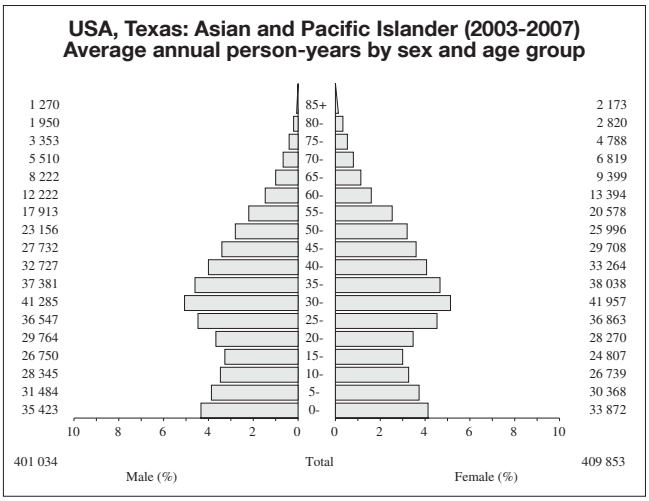


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

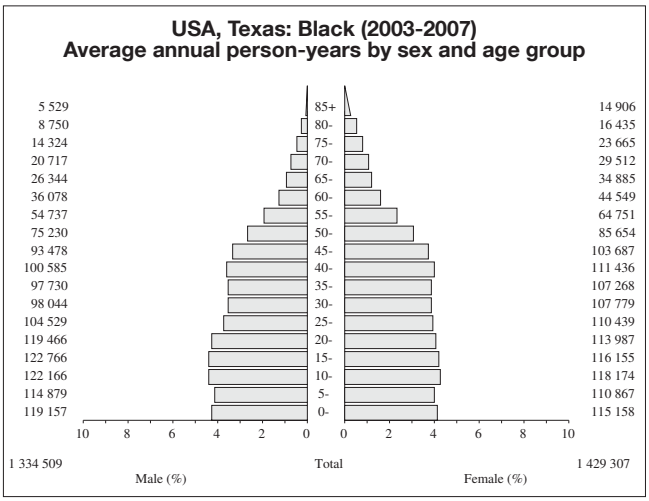
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	96.9	Breast	81.1
Trachea, bronchus and lung	53.1	Trachea, bronchus and lung	32.7
Colon	24.0	Colon	17.9
Bladder	17.1	Corpus uteri	13.0
Non-Hodgkin lymphoma	15.1	Thyroid	11.5
Kidney	15.0	Non-Hodgkin lymphoma	11.0
Melanoma of skin	12.2	Ovary	8.9
Rectum	11.2	Kidney	8.4
Liver	8.8	Cervix uteri	7.7
Pancreas	8.0	Melanoma of skin	7.7
All sites	352.7	All sites	269.5



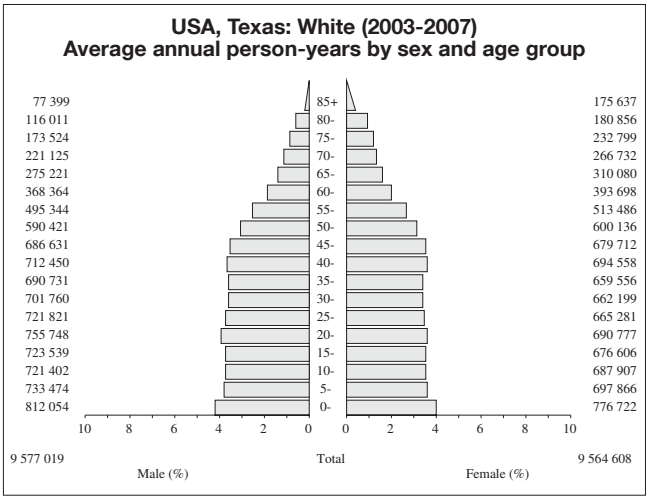
USA, TEXAS: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	27.5	Breast	36.5
Trachea, bronchus and lung	20.9	Trachea, bronchus and lung	15.8
Liver	13.2	Colon	10.0
Colon	10.6	Thyroid	7.7
Stomach	6.9	Liver	5.6
Rectum	6.9	Corpus uteri	5.2
Non-Hodgkin lymphoma	5.5	Non-Hodgkin lymphoma	4.7
Bladder	4.9	Ovary	4.5
Kidney	3.7	Rectum	4.4
Pancreas	3.1	Cervix uteri	3.4
All sites	130.4	All sites	127.0



USA, TEXAS: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	147.1	Breast	84.7
Trachea, bronchus and lung	79.5	Trachea, bronchus and lung	35.9
Colon	34.9	Colon	26.7
Kidney	17.2	Corpus uteri	11.8
Non-Hodgkin lymphoma	13.4	Non-Hodgkin lymphoma	9.1
Liver	12.6	Kidney	9.1
Rectum	12.4	Pancreas	8.4
Pancreas	11.1	Cervix uteri	8.3
Stomach	10.5	Ovary	7.7
Multiple myeloma	10.2	Rectum	7.4
All sites	437.5	All sites	278.4



USA, TEXAS: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	89.7	Breast	80.7
Trachea, bronchus and lung	51.1	Trachea, bronchus and lung	32.7
Colon	22.9	Colon	16.9
Bladder	17.7	Corpus uteri	13.3
Non-Hodgkin lymphoma	15.2	Thyroid	11.9
Kidney	14.9	Non-Hodgkin lymphoma	11.2
Melanoma of skin	13.2	Ovary	9.1
Rectum	11.0	Melanoma of skin	8.4
Liver	8.0	Kidney	8.4
Pancreas	7.8	Cervix uteri	7.8
All sites	342.8	All sites	268.8

USA, Texas (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	496	0.2	0.9	**0.7**	0.04	0.08	110	0.1	0.2	**0.1**	0.01	0.01	*C00*
Tongue	2087	0.9	3.7	**3.2**	0.23	0.39	838	0.4	1.5	**1.1**	0.07	0.12	*C01-02*
Mouth	1264	0.5	2.2	**1.9**	0.13	0.24	751	0.4	1.3	**0.9**	0.05	0.10	*C03-06*
Salivary glands	701	0.3	1.2	**1.0**	0.05	0.12	503	0.2	0.9	**0.6**	0.04	0.06	*C07-08*
Tonsil	1423	0.6	2.5	**2.2**	0.18	0.26	352	0.2	0.6	**0.5**	0.04	0.06	*C09*
Other oropharynx	332	0.1	0.6	**0.5**	0.04	0.06	114	0.1	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	408	0.2	0.7	**0.6**	0.05	0.07	168	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	590	0.2	1.0	**0.9**	0.06	0.12	125	0.1	0.2	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	232	0.1	0.4	**0.3**	0.03	0.04	83	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	3445	1.5	6.0	**5.1**	0.29	0.63	865	0.4	1.5	**1.0**	0.05	0.12	*C15*
Stomach	4342	1.8	7.6	**6.3**	0.33	0.74	2778	1.3	4.8	**3.2**	0.17	0.37	*C16*
Small intestine	1100	0.5	1.9	**1.6**	0.09	0.19	1030	0.5	1.8	**1.3**	0.08	0.15	*C17*
Colon	16606	7.0	29.1	**24.0**	1.19	2.84	15874	7.5	27.6	**17.9**	0.90	2.07	*C18*
Rectum	7532	3.2	13.2	**11.2**	0.65	1.37	5237	2.5	9.1	**6.5**	0.41	0.75	*C19-20*
Anus	603	0.3	1.1	**0.9**	0.06	0.10	827	0.4	1.4	**1.1**	0.08	0.12	*C21*
Liver	5926	2.5	10.4	**8.8**	0.57	1.02	2419	1.1	4.2	**2.9**	0.15	0.35	*C22*
Gallbladder etc.	1143	0.5	2.0	**1.6**	0.07	0.19	1440	0.7	2.5	**1.6**	0.07	0.19	*C23-24*
Pancreas	5527	2.3	9.7	**8.0**	0.40	0.97	5296	2.5	9.2	**5.8**	0.26	0.67	*C25*
Nose, sinuses etc.	412	0.2	0.7	**0.6**	0.04	0.07	277	0.1	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	3329	1.4	5.8	**5.1**	0.31	0.65	755	0.4	1.3	**1.0**	0.06	0.13	*C32*
Trachea, bronchus and lung	36372	15.4	63.8	**53.1**	2.34	6.72	27399	12.9	47.7	**32.7**	1.53	4.23	*C33-34*
Other thoracic organs	252	0.1	0.4	**0.4**	0.02	0.04	191	0.1	0.3	**0.3**	0.02	0.03	*C37-38*
Bone	720	0.3	1.3	**1.2**	0.07	0.10	572	0.3	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	8303	3.5	14.6	**12.2**	0.71	1.39	5634	2.7	9.8	**7.7**	0.53	0.78	*C43*
Other skin	643		1.1	**0.9**	0.05	0.09	492		0.9	**0.6**	0.04	0.06	*C44*
Mesothelioma	670	0.3	1.2	**0.9**	0.03	0.11	192	0.1	0.3	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	516	0.2	0.9	**0.8**	0.06	0.07	74	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	1723	0.7	3.0	**2.7**	0.16	0.27	1393	0.7	2.4	**2.0**	0.12	0.19	*C47+C49*
Breast	460	0.2	0.8	**0.7**	0.03	0.08	61477	29.0	107.0	**81.1**	5.74	9.40	*C50*
Vulva							1130	0.5	2.0	**1.4**	0.09	0.15	*C51*
Vagina							391	0.2	0.7	**0.5**	0.02	0.05	*C52*
Cervix uteri							5401	2.5	9.4	**7.7**	0.60	0.75	*C53*
Corpus uteri							9733	4.6	16.9	**13.0**	0.92	1.58	*C54*
Uterus unspecified							577	0.3	1.0	**0.7**	0.05	0.08	*C55*
Ovary							6870	3.2	12.0	**8.9**	0.57	1.01	*C56*
Other female genital organs							305	0.1	0.5	**0.4**	0.03	0.05	*C57*
Placenta							57	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	435	0.2	0.8	**0.6**	0.04	0.07							*C60*
Prostate	63373	26.8	111.1	**96.9**	4.77	13.07							*C61*
Testis	2918	1.2	5.1	**4.7**	0.34	0.35							*C62*
Other male genital organs	95	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	9929	4.2	17.4	**15.0**	0.92	1.80	6485	3.1	11.3	**8.4**	0.52	0.99	*C64*
Renal pelvis	363	0.2	0.6	**0.5**	0.02	0.07	246	0.1	0.4	**0.3**	0.01	0.03	*C65*
Ureter	234	0.1	0.4	**0.3**	0.01	0.04	152	0.1	0.3	**0.2**	0.01	0.02	*C66*
Bladder	12159	5.1	21.3	**17.1**	0.68	1.99	3908	1.8	6.8	**4.2**	0.18	0.47	*C67*
Other urinary organs	106	0.0	0.2	**0.2**	0.01	0.02	71	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	479	0.2	0.8	**0.8**	0.04	0.08	389	0.2	0.7	**0.6**	0.03	0.05	*C69*
Brain, nervous system	3847	1.6	6.7	**6.2**	0.39	0.60	3204	1.5	5.6	**4.8**	0.29	0.45	*C70-72*
Thyroid	2488	1.1	4.4	**3.8**	0.27	0.42	7811	3.7	13.6	**11.5**	0.87	1.13	*C73*
Adrenal gland	165	0.1	0.3	**0.3**	0.02	0.02	160	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	97	0.0	0.2	**0.2**	0.01	0.01	83	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	1565	0.7	2.7	**2.5**	0.17	0.22	1267	0.6	2.2	**2.0**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	10221	4.3	17.9	**15.1**	0.83	1.69	8952	4.2	15.6	**11.0**	0.62	1.26	*C82-85,C96*
Immunoproliferative diseases	188	0.1	0.3	**0.3**	0.01	0.03	123	0.1	0.2	**0.1**	0.01	0.02	*C88*
Multiple myeloma	3435	1.5	6.0	**5.0**	0.24	0.60	2858	1.3	5.0	**3.3**	0.17	0.41	*C90*
Lymphoid leukaemia	4049	1.7	7.1	**6.4**	0.31	0.65	2927	1.4	5.1	**4.0**	0.19	0.36	*C91*
Myeloid leukaemia	3067	1.3	5.4	**4.5**	0.23	0.46	2630	1.2	4.6	**3.4**	0.20	0.34	*C92-94*
Leukaemia unspecified	378	0.2	0.7	**0.5**	0.02	0.04	322	0.2	0.6	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	2387	1.0	4.2	**3.6**	0.21	0.40	1872	0.9	3.3	**2.3**	0.13	0.24	*MPD*
Myelodysplastic syndromes	2675	1.1	4.7	**3.5**	0.10	0.35	2318	1.1	4.0	**2.3**	0.08	0.25	*MDS*
Other and unspecified	5017	2.1	8.8	**7.2**	0.36	0.79	5280	2.5	9.2	**5.6**	0.26	0.61	*O&U*
All sites	236827		415.3	**352.7**	18.30	42.82	212788		370.3	**269.5**	16.61	30.74	*C00-96*
All sites except C44	236184	100.0	414.2	**351.8**	18.25	42.73	212296	100.0	369.5	**268.9**	16.57	30.68	*C00-96 exc. C44*

USA, Texas: Asian and Pacific Islander (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	8	0.4	0.4	**0.4**	0.02	0.06	8	0.3	0.4	**0.4**	0.02	0.06	*C01-02*
Mouth	13	0.6	0.6	**0.7**	0.05	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C03-06*
Salivary glands	9	0.4	0.4	**0.4**	0.03	0.04	7	0.3	0.3	**0.4**	0.01	0.03	*C07-08*
Tonsil	5	0.2	0.2	**0.2**	0.02	0.03	5	0.2	0.2	**0.2**	0.02	0.03	*C09*
Other oropharynx	1	0.0	0.0	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	19	0.8	0.9	**0.9**	0.06	0.09	10	0.4	0.5	**0.4**	0.04	0.04	*C11*
Hypopharynx	5	0.2	0.2	**0.3**	0.00	0.02	2	0.1	0.1	**0.1**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	27	1.2	1.3	**1.5**	0.05	0.17	4	0.1	0.2	**0.2**	0.00	0.01	*C15*
Stomach	119	5.3	5.9	**6.9**	0.30	0.82	73	2.6	3.6	**3.3**	0.15	0.32	*C16*
Small intestine	8	0.4	0.4	**0.5**	0.01	0.05	7	0.3	0.3	**0.3**	0.01	0.03	*C17*
Colon	187	8.3	9.3	**10.6**	0.46	1.19	215	7.7	10.5	**10.0**	0.43	1.10	*C18*
Rectum	121	5.4	6.0	**6.9**	0.40	0.78	93	3.3	4.5	**4.4**	0.25	0.55	*C19-20*
Anus	5	0.2	0.2	**0.3**	0.01	0.02	8	0.3	0.4	**0.4**	0.04	0.04	*C21*
Liver	239	10.7	11.9	**13.2**	0.76	1.61	114	4.1	5.6	**5.6**	0.28	0.70	*C22*
Gallbladder etc.	21	0.9	1.0	**1.2**	0.06	0.13	32	1.1	1.6	**1.6**	0.08	0.18	*C23-24*
Pancreas	55	2.5	2.7	**3.1**	0.09	0.31	67	2.4	3.3	**3.1**	0.14	0.31	*C25*
Nose, sinuses etc.	7	0.3	0.3	**0.4**	0.03	0.03	6	0.2	0.3	**0.3**	0.01	0.03	*C30-31*
Larynx	10	0.4	0.5	**0.6**	0.02	0.08	4	0.1	0.2	**0.2**	0.01	0.04	*C32*
Trachea, bronchus and lung	349	15.6	17.4	**20.9**	0.79	2.48	325	11.7	15.9	**15.8**	0.62	1.97	*C33-34*
Other thoracic organs	6	0.3	0.3	**0.3**	0.02	0.02	6	0.2	0.3	**0.3**	0.01	0.04	*C37-38*
Bone	5	0.2	0.2	**0.3**	0.02	0.03	7	0.3	0.3	**0.3**	0.02	0.03	*C40-41*
Melanoma of skin	4	0.2	0.2	**0.2**	0.01	0.02	9	0.3	0.4	**0.4**	0.03	0.03	*C43*
Other skin	4		0.2	**0.2**	0.01	0.01	9		0.4	**0.4**	0.03	0.03	*C44*
Mesothelioma	2	0.1	0.1	**0.1**	0.00	0.00	7	0.3	0.3	**0.3**	0.02	0.05	*C45*
Kaposi sarcoma	4	0.2	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	26	1.2	1.3	**1.5**	0.08	0.16	12	0.4	0.6	**0.6**	0.03	0.08	*C47+C49*
Breast	4	0.2	0.2	**0.2**	0.00	0.00	843	30.2	41.1	**36.5**	2.78	4.14	*C50*
Vulva							6	0.2	0.3	**0.2**	0.02	0.03	*C51*
Vagina							6	0.2	0.3	**0.3**	0.01	0.06	*C52*
Cervix uteri							79	2.8	3.9	**3.4**	0.26	0.41	*C53*
Corpus uteri							117	4.2	5.7	**5.2**	0.40	0.62	*C54*
Uterus unspecified							7	0.3	0.3	**0.3**	0.02	0.03	*C55*
Ovary							100	3.6	4.9	**4.5**	0.35	0.47	*C56*
Other female genital organs							3	0.1	0.1	**0.1**	0.01	0.01	*C57*
Placenta							3	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	2	0.1	0.1	**0.1**	0.00	0.00							*C60*
Prostate	437	19.5	21.8	**27.5**	0.98	3.53							*C61*
Testis	18	0.8	0.9	**0.7**	0.05	0.05							*C62*
Other male genital organs	3	0.1	0.1	**0.2**	0.00	0.01							*C63*
Kidney	66	2.9	3.3	**3.7**	0.18	0.42	36	1.3	1.8	**1.7**	0.10	0.16	*C64*
Renal pelvis	2	0.1	0.1	**0.1**	0.01	0.01	2	0.1	0.1	**0.1**	0.01	0.01	*C65*
Ureter	3	0.1	0.1	**0.2**	0.02	0.03	2	0.1	0.1	**0.1**	0.00	0.01	*C66*
Bladder	81	3.6	4.0	**4.9**	0.17	0.57	33	1.2	1.6	**1.6**	0.04	0.15	*C67*
Other urinary organs	1	0.0	0.0	**0.1**	0.01	0.01	3	0.1	0.1	**0.2**	0.00	0.03	*C68*
Eye	1	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.01	0.01	*C69*
Brain, nervous system	43	1.9	2.1	**2.4**	0.13	0.20	38	1.4	1.9	**1.8**	0.11	0.16	*C70-72*
Thyroid	42	1.9	2.1	**2.1**	0.14	0.23	187	6.7	9.1	**7.7**	0.56	0.75	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	3	0.1	0.1	**0.2**	0.01	0.01	*C74*
Other endocrine	3	0.1	0.1	**0.2**	0.01	0.01	2	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	14	0.6	0.7	**0.8**	0.04	0.07	13	0.5	0.6	**0.6**	0.03	0.06	*C81*
Non-Hodgkin lymphoma	102	4.5	5.1	**5.5**	0.28	0.64	99	3.6	4.8	**4.7**	0.22	0.54	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.0	**0.1**	0.00	0.00	2	0.1	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	30	1.3	1.5	**1.8**	0.06	0.27	18	0.6	0.9	**0.8**	0.05	0.08	*C90*
Lymphoid leukaemia	20	0.9	1.0	**1.3**	0.05	0.11	23	0.8	1.1	**1.3**	0.08	0.11	*C91*
Myeloid leukaemia	28	1.2	1.4	**1.6**	0.08	0.16	39	1.4	1.9	**1.8**	0.10	0.16	*C92-94*
Leukaemia unspecified	1	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	21	0.9	1.0	**1.2**	0.06	0.14	20	0.7	1.0	**0.8**	0.05	0.09	*MPD*
Myelodysplastic syndromes	18	0.8	0.9	**1.2**	0.02	0.10	22	0.8	1.1	**1.1**	0.01	0.10	*MDS*
Other and unspecified	48	2.1	2.4	**2.7**	0.15	0.29	55	2.0	2.7	**2.7**	0.13	0.31	*O&U*
All sites	2248		112.1	**130.4**	5.74	15.14	2796		136.4	**127.0**	7.68	14.26	*C00-96*
All sites except C44	2244	100.0	111.9	**130.2**	5.73	15.13	2787	100.0	136.0	**126.6**	7.65	14.23	*C00-96 exc. C44*

USA, Texas: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	2	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	151	0.6	2.3	**2.5**	0.20	0.30	59	0.3	0.8	**0.7**	0.06	0.08	*C01-02*
Mouth	148	0.6	2.2	**2.4**	0.18	0.31	77	0.3	1.1	**1.0**	0.06	0.11	*C03-06*
Salivary glands	58	0.2	0.9	**0.9**	0.06	0.10	53	0.2	0.7	**0.7**	0.04	0.07	*C07-08*
Tonsil	116	0.5	1.7	**1.9**	0.15	0.24	39	0.2	0.5	**0.5**	0.04	0.06	*C09*
Other oropharynx	36	0.1	0.5	**0.6**	0.04	0.07	11	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	61	0.2	0.9	**0.9**	0.07	0.11	34	0.1	0.5	**0.4**	0.03	0.04	*C11*
Hypopharynx	89	0.3	1.3	**1.5**	0.10	0.19	18	0.1	0.3	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	38	0.1	0.6	**0.6**	0.04	0.08	8	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	354	1.4	5.3	**6.1**	0.35	0.77	128	0.6	1.8	**1.6**	0.09	0.20	*C15*
Stomach	641	2.5	9.6	**10.5**	0.52	1.15	428	1.9	6.0	**4.8**	0.25	0.51	*C16*
Small intestine	155	0.6	2.3	**2.5**	0.16	0.28	168	0.7	2.4	**2.0**	0.13	0.23	*C17*
Colon	2096	8.1	31.4	**34.9**	1.87	4.15	2246	9.9	31.4	**26.7**	1.42	3.17	*C18*
Rectum	760	2.9	11.4	**12.4**	0.76	1.46	619	2.7	8.7	**7.4**	0.43	0.88	*C19-20*
Anus	80	0.3	1.2	**1.2**	0.10	0.14	77	0.3	1.1	**1.0**	0.07	0.11	*C21*
Liver	801	3.1	12.0	**12.6**	0.99	1.46	270	1.2	3.8	**3.5**	0.24	0.41	*C22*
Gallbladder etc.	89	0.3	1.3	**1.5**	0.07	0.16	135	0.6	1.9	**1.6**	0.08	0.18	*C23-24*
Pancreas	656	2.5	9.8	**11.1**	0.60	1.34	733	3.2	10.3	**8.4**	0.38	0.96	*C25*
Nose, sinuses etc.	31	0.1	0.5	**0.5**	0.03	0.05	28	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	512	2.0	7.7	**8.8**	0.55	1.14	124	0.5	1.7	**1.7**	0.12	0.22	*C32*
Trachea, bronchus and lung	4601	17.9	69.0	**79.5**	4.04	9.91	2843	12.5	39.8	**35.9**	1.88	4.67	*C33-34*
Other thoracic organs	32	0.1	0.5	**0.5**	0.04	0.04	36	0.2	0.5	**0.4**	0.03	0.05	*C37-38*
Bone	75	0.3	1.1	**1.1**	0.07	0.09	69	0.3	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	34	0.1	0.5	**0.6**	0.02	0.06	55	0.2	0.8	**0.6**	0.04	0.05	*C43*
Other skin	42		0.6	**0.6**	0.04	0.07	54		0.8	**0.7**	0.05	0.07	*C44*
Mesothelioma	45	0.2	0.7	**0.8**	0.03	0.10	14	0.1	0.2	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	126	0.5	1.9	**1.7**	0.13	0.14	14	0.1	0.2	**0.2**	0.01	0.02	*C46*
Connective and soft tissue	161	0.6	2.4	**2.5**	0.16	0.25	170	0.7	2.4	**2.2**	0.14	0.24	*C47+C49*
Breast	59	0.2	0.9	**1.0**	0.05	0.12	6887	30.3	96.4	**84.7**	6.13	9.67	*C50*
Vulva							111	0.5	1.6	**1.3**	0.09	0.14	*C51*
Vagina							65	0.3	0.9	**0.7**	0.03	0.07	*C52*
Cervix uteri							690	3.0	9.7	**8.3**	0.61	0.87	*C53*
Corpus uteri							922	4.1	12.9	**11.8**	0.73	1.51	*C54*
Uterus unspecified							84	0.4	1.2	**1.1**	0.08	0.12	*C55*
Ovary							623	2.7	8.7	**7.7**	0.46	0.90	*C56*
Other female genital organs							26	0.1	0.4	**0.3**	0.02	0.04	*C57*
Placenta							7	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	37	0.1	0.6	**0.6**	0.03	0.07							*C60*
Prostate	8299	32.2	124.4	**147.1**	8.23	19.43							*C61*
Testis	88	0.3	1.3	**1.2**	0.09	0.09							*C62*
Other male genital organs	12	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	1046	4.1	15.7	**17.2**	1.11	2.09	719	3.2	10.1	**9.1**	0.56	1.04	*C64*
Renal pelvis	16	0.1	0.2	**0.3**	0.01	0.03	18	0.1	0.3	**0.2**	0.01	0.02	*C65*
Ureter	7	0.0	0.1	**0.1**	0.00	0.01	12	0.1	0.2	**0.2**	0.01	0.02	*C66*
Bladder	583	2.3	8.7	**9.8**	0.47	1.12	316	1.4	4.4	**3.4**	0.13	0.36	*C67*
Other urinary organs	15	0.1	0.2	**0.2**	0.01	0.02	19	0.1	0.3	**0.2**	0.01	0.03	*C68*
Eye	12	0.0	0.2	**0.2**	0.01	0.02	18	0.1	0.3	**0.3**	0.02	0.02	*C69*
Brain, nervous system	247	1.0	3.7	**3.9**	0.25	0.37	248	1.1	3.5	**3.4**	0.20	0.32	*C70-72*
Thyroid	146	0.6	2.2	**2.3**	0.17	0.26	595	2.6	8.3	**7.3**	0.57	0.74	*C73*
Adrenal gland	24	0.1	0.4	**0.5**	0.02	0.03	18	0.1	0.3	**0.2**	0.01	0.01	*C74*
Other endocrine	17	0.1	0.3	**0.2**	0.02	0.02	7	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	208	0.8	3.1	**3.0**	0.21	0.26	135	0.6	1.9	**1.8**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	865	3.4	13.0	**13.4**	0.88	1.44	738	3.2	10.3	**9.1**	0.60	0.97	*C82-85,C96*
Immunoproliferative diseases	9	0.0	0.1	**0.1**	0.01	0.01	6	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	598	2.3	9.0	**10.2**	0.57	1.24	579	2.5	8.1	**6.9**	0.34	0.85	*C90*
Lymphoid leukaemia	331	1.3	5.0	**5.7**	0.27	0.64	208	0.9	2.9	**2.7**	0.14	0.24	*C91*
Myeloid leukaemia	233	0.9	3.5	**3.7**	0.19	0.38	244	1.1	3.4	**3.0**	0.19	0.27	*C92-94*
Leukaemia unspecified	27	0.1	0.4	**0.4**	0.02	0.03	20	0.1	0.3	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	195	0.8	2.9	**3.1**	0.19	0.34	165	0.7	2.3	**2.0**	0.13	0.22	*MPD*
Myelodysplastic syndromes	170	0.7	2.5	**2.8**	0.11	0.30	148	0.7	2.1	**1.6**	0.06	0.15	*MDS*
Other and unspecified	574	2.2	8.6	**9.5**	0.57	1.09	633	2.8	8.9	**7.1**	0.36	0.78	*O&U*
All sites	25808		386.8	**437.5**	24.86	53.61	22773		318.7	**278.4**	17.34	32.08	*C00-96*
All sites except C44	25766	100.0	386.1	**436.9**	24.82	53.54	22719	100.0	317.9	**277.7**	17.28	32.01	*C00-96 exc. C44*

USA, Texas: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	486	0.2	1.0	**0.8**	0.05	0.09	103	0.1	0.2	**0.1**	0.01	0.01	*C00*
Tongue	1886	0.9	3.9	**3.3**	0.24	0.40	758	0.4	1.6	**1.1**	0.07	0.13	*C01-02*
Mouth	1077	0.5	2.2	**1.9**	0.12	0.23	655	0.4	1.4	**0.9**	0.05	0.10	*C03-06*
Salivary glands	624	0.3	1.3	**1.0**	0.05	0.12	430	0.2	0.9	**0.6**	0.04	0.06	*C07-08*
Tonsil	1288	0.6	2.7	**2.3**	0.19	0.27	302	0.2	0.6	**0.5**	0.04	0.06	*C09*
Other oropharynx	288	0.1	0.6	**0.5**	0.04	0.06	101	0.1	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	315	0.2	0.7	**0.6**	0.04	0.06	117	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	491	0.2	1.0	**0.9**	0.05	0.11	105	0.1	0.2	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	193	0.1	0.4	**0.3**	0.02	0.04	73	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	3025	1.5	6.3	**5.1**	0.29	0.63	716	0.4	1.5	**0.9**	0.04	0.11	*C15*
Stomach	3478	1.7	7.3	**5.8**	0.31	0.68	2219	1.2	4.6	**3.0**	0.16	0.34	*C16*
Small intestine	914	0.5	1.9	**1.5**	0.09	0.18	836	0.5	1.7	**1.2**	0.07	0.14	*C17*
Colon	14053	7.0	29.3	**22.9**	1.12	2.71	13171	7.2	27.5	**16.9**	0.84	1.95	*C18*
Rectum	6515	3.2	13.6	**11.0**	0.64	1.36	4403	2.4	9.2	**6.3**	0.40	0.73	*C19-20*
Anus	512	0.3	1.1	**0.9**	0.06	0.10	738	0.4	1.5	**1.1**	0.08	0.13	*C21*
Liver	4765	2.4	10.0	**8.0**	0.51	0.94	1989	1.1	4.2	**2.7**	0.14	0.32	*C22*
Gallbladder etc.	1000	0.5	2.1	**1.6**	0.07	0.19	1247	0.7	2.6	**1.6**	0.07	0.19	*C23-24*
Pancreas	4748	2.4	9.9	**7.8**	0.39	0.94	4432	2.4	9.3	**5.5**	0.25	0.65	*C25*
Nose, sinuses etc.	363	0.2	0.8	**0.6**	0.04	0.07	238	0.1	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	2747	1.4	5.7	**4.8**	0.29	0.61	618	0.3	1.3	**1.0**	0.06	0.13	*C32*
Trachea, bronchus and lung	31060	15.4	64.9	**51.1**	2.20	6.49	23992	13.2	50.2	**32.7**	1.52	4.23	*C33-34*
Other thoracic organs	207	0.1	0.4	**0.4**	0.02	0.04	145	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	617	0.3	1.3	**1.2**	0.07	0.10	474	0.3	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	7818	3.9	16.3	**13.2**	0.77	1.51	5223	2.9	10.9	**8.4**	0.59	0.86	*C43*
Other skin	576		1.2	**0.9**	0.05	0.10	407		0.9	**0.6**	0.03	0.06	*C44*
Mesothelioma	613	0.3	1.3	**1.0**	0.03	0.11	166	0.1	0.3	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	371	0.2	0.8	**0.6**	0.05	0.06	59	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	1483	0.7	3.1	**2.7**	0.16	0.27	1181	0.6	2.5	**2.0**	0.12	0.18	*C47+C49*
Breast	382	0.2	0.8	**0.6**	0.03	0.08	52461	28.8	109.7	**80.7**	5.69	9.38	*C50*
Vulva							987	0.5	2.1	**1.4**	0.09	0.15	*C51*
Vagina							315	0.2	0.7	**0.4**	0.02	0.05	*C52*
Cervix uteri							4524	2.5	9.5	**7.8**	0.61	0.75	*C53*
Corpus uteri							8479	4.6	17.7	**13.3**	0.95	1.60	*C54*
Uterus unspecified							468	0.3	1.0	**0.7**	0.05	0.07	*C55*
Ovary							6022	3.3	12.6	**9.1**	0.59	1.03	*C56*
Other female genital organs							269	0.1	0.6	**0.4**	0.03	0.05	*C57*
Placenta							46	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	384	0.2	0.8	**0.6**	0.04	0.07							*C60*
Prostate	51844	25.7	108.3	**89.7**	4.34	12.14							*C61*
Testis	2717	1.3	5.7	**5.3**	0.38	0.39							*C62*
Other male genital organs	78	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	8639	4.3	18.0	**14.9**	0.92	1.80	5622	3.1	11.8	**8.4**	0.53	1.00	*C64*
Renal pelvis	340	0.2	0.7	**0.5**	0.02	0.07	223	0.1	0.5	**0.3**	0.01	0.03	*C65*
Ureter	221	0.1	0.5	**0.4**	0.01	0.04	135	0.1	0.3	**0.2**	0.01	0.02	*C66*
Bladder	11204	5.5	23.4	**17.7**	0.70	2.07	3468	1.9	7.3	**4.3**	0.19	0.49	*C67*
Other urinary organs	87	0.0	0.2	**0.1**	0.01	0.02	48	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	448	0.2	0.9	**0.8**	0.04	0.08	357	0.2	0.7	**0.6**	0.04	0.06	*C69*
Brain, nervous system	3465	1.7	7.2	**6.5**	0.41	0.63	2859	1.6	6.0	**5.0**	0.31	0.47	*C70-72*
Thyroid	2232	1.1	4.7	**4.0**	0.28	0.44	6760	3.7	14.1	**11.9**	0.90	1.17	*C73*
Adrenal gland	138	0.1	0.3	**0.3**	0.02	0.02	132	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	75	0.0	0.2	**0.2**	0.01	0.01	71	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	1302	0.6	2.7	**2.4**	0.17	0.21	1088	0.6	2.3	**2.1**	0.14	0.17	*C81*
Non-Hodgkin lymphoma	9038	4.5	18.9	**15.2**	0.83	1.72	7919	4.3	16.6	**11.2**	0.63	1.29	*C82-85,C96*
Immunoproliferative diseases	173	0.1	0.4	**0.3**	0.01	0.03	113	0.1	0.2	**0.1**	0.01	0.02	*C88*
Multiple myeloma	2730	1.4	5.7	**4.4**	0.21	0.53	2197	1.2	4.6	**2.9**	0.15	0.36	*C90*
Lymphoid leukaemia	3571	1.8	7.5	**6.5**	0.31	0.65	2577	1.4	5.4	**4.1**	0.19	0.37	*C91*
Myeloid leukaemia	2737	1.4	5.7	**4.6**	0.23	0.47	2288	1.3	4.8	**3.4**	0.20	0.35	*C92-94*
Leukaemia unspecified	341	0.2	0.7	**0.6**	0.02	0.04	289	0.2	0.6	**0.4**	0.01	0.03	*C95*
Myeloproliferative disorders	2084	1.0	4.4	**3.6**	0.21	0.40	1628	0.9	3.4	**2.3**	0.13	0.24	*MPD*
Myelodysplastic syndromes	2449	1.2	5.1	**3.6**	0.10	0.35	2104	1.2	4.4	**2.4**	0.09	0.26	*MDS*
Other and unspecified	4308	2.1	9.0	**6.9**	0.34	0.77	4507	2.5	9.4	**5.4**	0.25	0.59	*O&U*
All sites	202500		422.9	**342.8**	17.61	41.56	182854		382.4	**268.8**	16.55	30.64	*C00-96*
All sites except C44	201924	100.0	421.7	**341.9**	17.57	41.46	182447	100.0	381.5	**268.2**	16.52	30.59	*C00-96 exc. C44*

USA, Utah

REGISTRATION AREA

The Utah Cancer Registry (UCR) covers the population of the state of Utah in the USA. In 2012, the population of Utah was estimated at 2.9 million. The state is mostly rural, but 80% of the population lives along the Wasatch Front, an urban area in northern Utah. Utah's population is 79.9% non-Hispanic White and 13.3% Hispanic, with the remaining minority groups relatively evenly distributed.

CANCER CARE FACILITIES

There are 51 hospitals, two radiation clinics, and numerous nursing homes and hospice care clinics in Utah that report cancer cases to the UCR.

REGISTRY STRUCTURE AND METHODS

The UCR is a population-based cancer registry that has served the state of Utah since 1966. The registry's primary funding comes from the National Cancer Institute (NCI), with supplementary funding from the University of Utah and the Utah Department of Health (DOH). Research supported by the UCR is funded by Contract No. HHSN261201000026C from the NCI's SEER Program, with additional support from the Utah DOH and the University of Utah.

INTERPRETING THE RESULTS

The UCR regularly ranks among the top registries in the USA. The registry has achieved North American Association of Central Cancer Registries (NAACCR) Gold Certification and has received one of the highest awards given by the SEER Program each year for more than a decade. Since its inception in 1966, the UCR has provided cancer surveillance for the entire state of Utah. Although the Utah DOH provides limited breast and cervical cancer screening programmes for low-income women, there has been no noticeable impact on incidence or mortality rates in Utah.

USE OF THE DATA

The UCR contributes to public health in Utah by collecting and maintaining cancer data, which makes the monitoring of incidence and mortality trends and the evaluation of prevention and control measures possible. One of the major functions of the UCR is to serve as a resource for researchers, physicians, hospitals, and the Utah DOH. Other functions include serving as an educational and data resource for physicians and institutions, stimulating research into all aspects of cancer in Utah, and promoting state-of-the-art cancer diagnosis and treatment. UCR data are included in the NCI's annual report to the nation on cancer, as well as in national and international publications by NAACCR and IARC. The registry also provides cancer data to the Utah DOH for population-based cancer publications and surveillance. A list of publications using UCR data is available from http://ucr.utah.edu/research/publications/index.htm.

CONTRIBUTORS

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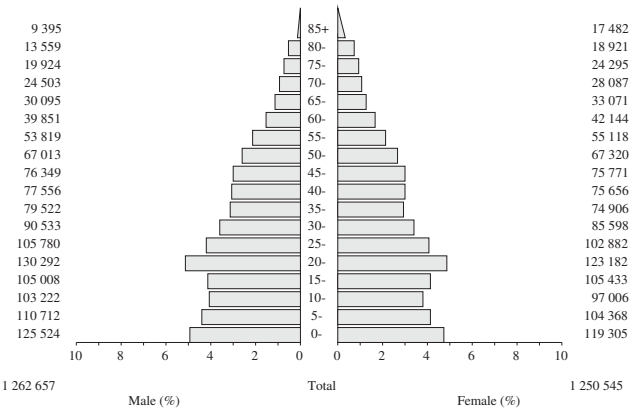
USA, Utah (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	121.8	Breast	75.9
Trachea, bronchus and lung	23.2	Thyroid	16.6
Melanoma of skin	22.4	Melanoma of skin	16.2
Colon	18.9	Corpus uteri	16.1
Bladder	16.0	Trachea, bronchus and lung	15.0
Non-Hodgkin lymphoma	15.5	Colon	14.3
Rectum	9.1	Non-Hodgkin lymphoma	10.7
Kidney	9.0	Ovary	8.2
Pancreas	6.7	Kidney	5.5
Brain, nervous system	6.7	Brain, nervous system	5.3
All sites	324.2	All sites	240.3

USA, Utah (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	70	0.3	1.1	**1.0**	0.05	0.12	17	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	135	0.6	2.1	**2.1**	0.14	0.28	58	0.3	0.9	**0.8**	0.06	0.09	*C01-02*
Mouth	86	0.4	1.4	**1.3**	0.07	0.17	57	0.3	0.9	**0.7**	0.03	0.09	*C03-06*
Salivary glands	63	0.3	1.0	**0.9**	0.05	0.10	55	0.3	0.9	**0.8**	0.05	0.09	*C07-08*
Tonsil	93	0.4	1.5	**1.5**	0.13	0.18	11	0.1	0.2	**0.2**	0.01	0.02	*C09*
Other oropharynx	16	0.1	0.3	**0.3**	0.02	0.03	5	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	14	0.1	0.2	**0.2**	0.02	0.03	17	0.1	0.3	**0.3**	0.02	0.03	*C11*
Hypopharynx	21	0.1	0.3	**0.3**	0.02	0.04	4	0.0	0.1	**0.0**	0.00	0.01	*C12-13*
Pharynx unspecified	8	0.0	0.1	**0.1**	0.01	0.02	3	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	264	1.2	4.2	**4.1**	0.23	0.52	48	0.3	0.8	**0.5**	0.03	0.06	*C15*
Stomach	274	1.3	4.3	**4.0**	0.20	0.47	165	0.9	2.6	**1.9**	0.10	0.20	*C16*
Small intestine	114	0.5	1.8	**1.8**	0.10	0.23	74	0.4	1.2	**1.0**	0.05	0.12	*C17*
Colon	1298	6.1	20.6	**18.9**	0.94	2.30	1192	6.8	19.1	**14.3**	0.71	1.64	*C18*
Rectum	602	2.8	9.5	**9.1**	0.54	1.07	394	2.3	6.3	**5.2**	0.34	0.60	*C19-20*
Anus	35	0.2	0.6	**0.5**	0.03	0.06	59	0.3	0.9	**0.8**	0.05	0.10	*C21*
Liver	246	1.2	3.9	**3.8**	0.25	0.44	98	0.6	1.6	**1.4**	0.07	0.17	*C22*
Gallbladder etc.	75	0.4	1.2	**1.0**	0.06	0.11	111	0.6	1.8	**1.2**	0.05	0.13	*C23-24*
Pancreas	457	2.1	7.2	**6.7**	0.31	0.82	445	2.5	7.1	**5.3**	0.24	0.65	*C25*
Nose, sinuses etc.	36	0.2	0.6	**0.6**	0.04	0.07	26	0.1	0.4	**0.4**	0.02	0.04	*C30-31*
Larynx	117	0.5	1.9	**1.8**	0.10	0.22	35	0.2	0.6	**0.5**	0.03	0.07	*C32*
Trachea, bronchus and lung	1553	7.3	24.6	**23.2**	1.01	3.00	1148	6.6	18.4	**15.0**	0.73	1.96	*C33-34*
Other thoracic organs	35	0.2	0.6	**0.5**	0.03	0.05	17	0.1	0.3	**0.3**	0.02	0.02	*C37-38*
Bone	81	0.4	1.3	**1.2**	0.08	0.10	62	0.4	1.0	**0.9**	0.07	0.08	*C40-41*
Melanoma of skin	1523	7.1	24.1	**22.4**	1.35	2.49	1124	6.4	18.0	**16.2**	1.16	1.64	*C43*
Other skin	122		1.9	**1.7**	0.08	0.19	93		1.5	**1.3**	0.06	0.15	*C44*
Mesothelioma	66	0.3	1.0	**1.0**	0.05	0.12	19	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	25	0.1	0.4	**0.4**	0.03	0.04	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	224	1.0	3.5	**3.3**	0.18	0.33	160	0.9	2.6	**2.3**	0.15	0.23	*C47+C49*
Breast	42	0.2	0.7	**0.6**	0.03	0.08	5372	30.7	85.9	**75.9**	5.20	8.92	*C50*
Vulva							82	0.5	1.3	**1.0**	0.06	0.11	*C51*
Vagina							23	0.1	0.4	**0.3**	0.02	0.03	*C52*
Cervix uteri							292	1.7	4.7	**4.3**	0.34	0.42	*C53*
Corpus uteri							1113	6.4	17.8	**16.1**	1.17	1.98	*C54*
Uterus unspecified							19	0.1	0.3	**0.3**	0.02	0.03	*C55*
Ovary							604	3.5	9.7	**8.2**	0.55	0.91	*C56*
Other female genital organs							25	0.1	0.4	**0.4**	0.02	0.05	*C57*
Placenta							7	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	23	0.1	0.4	**0.3**	0.01	0.03							*C60*
Prostate	7784	36.5	123.3	**121.8**	6.14	16.69							*C61*
Testis	455	2.1	7.2	**6.7**	0.48	0.52							*C62*
Other male genital organs	11	0.1	0.2	**0.2**	0.00	0.03							*C63*
Kidney	586	2.7	9.3	**9.0**	0.54	1.08	397	2.3	6.3	**5.5**	0.35	0.64	*C64*
Renal pelvis	36	0.2	0.6	**0.5**	0.03	0.04	19	0.1	0.3	**0.2**	0.01	0.03	*C65*
Ureter	28	0.1	0.4	**0.4**	0.01	0.05	9	0.1	0.1	**0.1**	0.00	0.01	*C66*
Bladder	1151	5.4	18.2	**16.0**	0.61	1.85	295	1.7	4.7	**3.5**	0.13	0.41	*C67*
Other urinary organs	12	0.1	0.2	**0.1**	0.00	0.01	5	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	68	0.3	1.1	**1.0**	0.05	0.10	41	0.2	0.7	**0.6**	0.04	0.06	*C69*
Brain, nervous system	425	2.0	6.7	**6.7**	0.41	0.66	349	2.0	5.6	**5.3**	0.35	0.49	*C70-72*
Thyroid	330	1.5	5.2	**5.2**	0.38	0.58	1092	6.2	17.5	**16.6**	1.31	1.59	*C73*
Adrenal gland	14	0.1	0.2	**0.2**	0.01	0.01	12	0.1	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	8	0.0	0.1	**0.1**	0.01	0.01	9	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	166	0.8	2.6	**2.5**	0.17	0.21	146	0.8	2.3	**2.2**	0.14	0.18	*C81*
Non-Hodgkin lymphoma	1033	4.8	16.4	**15.5**	0.85	1.81	825	4.7	13.2	**10.7**	0.60	1.21	*C82-85,C96*
Immunoproliferative diseases	11	0.1	0.2	**0.1**	0.00	0.02	6	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	259	1.2	4.1	**3.8**	0.17	0.47	191	1.1	3.1	**2.4**	0.12	0.30	*C90*
Lymphoid leukaemia	403	1.9	6.4	**6.1**	0.28	0.64	279	1.6	4.5	**3.8**	0.17	0.36	*C91*
Myeloid leukaemia	318	1.5	5.0	**4.6**	0.23	0.48	226	1.3	3.6	**3.0**	0.16	0.30	*C92-94*
Leukaemia unspecified	12	0.1	0.2	**0.1**	0.00	0.01	14	0.1	0.2	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	95	0.4	1.5	**1.4**	0.09	0.17	73	0.4	1.2	**0.8**	0.04	0.09	*MPD*
Myelodysplastic syndromes	195	0.9	3.1	**2.5**	0.08	0.24	122	0.7	2.0	**1.3**	0.05	0.15	*MDS*
Other and unspecified	338	1.6	5.4	**4.7**	0.20	0.50	439	2.5	7.0	**5.3**	0.23	0.60	*O&U*
All sites	21456		339.9	**324.2**	16.94	39.89	17585		281.2	**240.3**	15.23	27.15	*C00-96*
All sites except C44	21334	100.0	337.9	**322.4**	16.86	39.70	17492	100.0	279.7	**239.0**	15.16	27.00	*C00-96 exc. C44*

USA, Vermont

REGISTRATION AREA

The Vermont Cancer Registry (VCR) covers the population of the state of Vermont in the USA. At the most recent census (2010), the population was 626 000. About 39% of Vermont residents live in urban areas (i.e. areas designated by the United States Census Bureau as urbanized areas and/or urban clusters); 95% of residents are White, and 5% are of other races.

CANCER CARE FACILITIES

General health care in the region is provided predominantly by 15 hospitals, including a Veterans Affairs medical centre. This is supplemented by private practitioners and one outpatient radiation therapy facility. Approximately 91% of Vermont residents have health insurance.

REGISTRY STRUCTURE AND METHODS

The registry is located within the Vermont Department of Health. It is funded by the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR) and in-kind support from reporting hospitals. The registry is staffed by a full-time director, a health data administrator, an education and quality coordinator, and an epidemiologist. Cancer is required to be reported by Vermont health care facilities and health care providers. Interstate data exchange agreements exist with all bordering states and the state of Florida. Electronic editing, visual editing, and hospital auditing are all used as quality assurance strategies. The cancer registry is linked with the Vermont death file annually. Non-matches are traced back to identify cases potentially unreported to the VCR. These cases are traced back with providers to determine their reportability. Records that cannot be traced back to source records are accessioned as death-certificate-only (DCO) cases.

INTERPRETING THE RESULTS

The VCR data are estimated to be at least 95% complete at 24 months after the close of the diagnosis year. Ladies First is a health screening programme for Vermont women that removes financial barriers and encourages women to be screened for breast and cervical cancer.

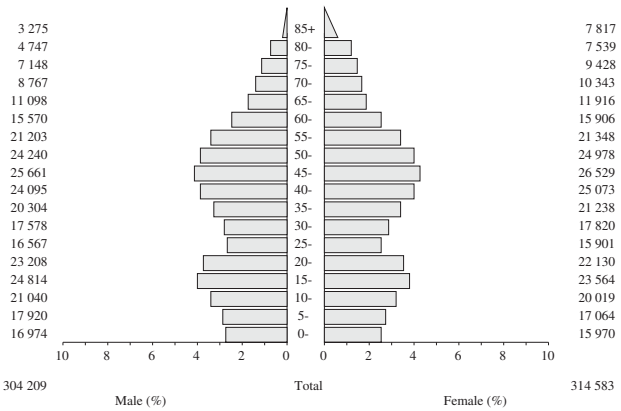
USE OF THE DATA

In collaboration with Vermont cancer programmes, the VCR publishes reports that include age-adjusted incidence rates, stage at diagnosis, and age-adjusted mortality rates using SEER site groups, stratified by sex and geographical area where applicable. VCR data are used for planning and evaluation of cancer control objectives. Reports are published with an emphasis on screening-amenable cancers (i.e. breast, cervical, and colorectal cancers) diagnosed at late stage and cancers associated with modifiable risk factors (e.g. tobacco use, obesity, and human papillomavirus infection).

CONTRIBUTOR

Alison Johnson

USA, Vermont (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the United States Census Bureau. The intercensal estimates for 2000–2010 were produced by modifying the previously prepared 2000–2010 postcensal estimates to account for differences between the postcensal estimates for 1 April 2010 and the 2010 national census counts.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	106.9	Breast	92.6
Trachea, bronchus and lung	52.6	Trachea, bronchus and lung	40.7
Bladder	25.4	Corpus uteri	23.7
Melanoma of skin	23.3	Melanoma of skin	21.3
Colon	18.8	Colon	18.5
Non-Hodgkin lymphoma	15.6	Thyroid	14.7
Kidney	12.5	Non-Hodgkin lymphoma	12.4
Rectum	12.0	Ovary	8.7
Lymphoid leukaemia	8.1	Kidney	7.3
Pancreas	7.6	Rectum	7.3
All sites	370.9	All sites	317.6

USA, Vermont (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	10	0.1	0.7	**0.4**	0.03	0.03	3	0.0	0.2	**0.1**	0.00	0.02	*C00*
Tongue	92	1.1	6.0	**4.1**	0.29	0.52	28	0.3	1.8	**1.0**	0.07	0.10	*C01-02*
Mouth	59	0.7	3.9	**2.5**	0.16	0.31	36	0.4	2.3	**1.2**	0.03	0.17	*C03-06*
Salivary glands	20	0.2	1.3	**0.8**	0.04	0.09	13	0.2	0.8	**0.6**	0.05	0.07	*C07-08*
Tonsil	62	0.7	4.1	**2.8**	0.23	0.31	14	0.2	0.9	**0.5**	0.03	0.06	*C09*
Other oropharynx	13	0.1	0.9	**0.6**	0.04	0.08	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	8	0.1	0.5	**0.4**	0.02	0.05	4	0.0	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	21	0.2	1.4	**0.8**	0.05	0.11	6	0.1	0.4	**0.2**	0.01	0.01	*C12-13*
Pharynx unspecified	5	0.1	0.3	**0.2**	0.01	0.03	3	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	138	1.6	9.1	**5.5**	0.26	0.67	54	0.6	3.4	**1.7**	0.08	0.22	*C15*
Stomach	108	1.2	7.1	**4.0**	0.19	0.44	60	0.7	3.8	**1.9**	0.10	0.19	*C16*
Small intestine	36	0.4	2.4	**1.6**	0.11	0.20	17	0.2	1.1	**0.6**	0.03	0.07	*C17*
Colon	470	5.4	30.9	**18.8**	0.80	2.25	612	7.3	38.9	**18.5**	0.87	2.01	*C18*
Rectum	279	3.2	18.3	**12.0**	0.70	1.49	213	2.5	13.5	**7.3**	0.48	0.83	*C19-20*
Anus	21	0.2	1.4	**1.0**	0.06	0.12	27	0.3	1.7	**1.1**	0.08	0.12	*C21*
Liver	104	1.2	6.8	**4.2**	0.23	0.50	38	0.5	2.4	**1.2**	0.05	0.16	*C22*
Gallbladder etc.	39	0.4	2.6	**1.5**	0.08	0.18	45	0.5	2.9	**1.2**	0.04	0.12	*C23-24*
Pancreas	185	2.1	12.2	**7.6**	0.38	0.95	209	2.5	13.3	**6.5**	0.26	0.76	*C25*
Nose, sinuses etc.	13	0.1	0.9	**0.6**	0.03	0.08	7	0.1	0.4	**0.3**	0.02	0.04	*C30-31*
Larynx	123	1.4	8.1	**5.0**	0.33	0.57	39	0.5	2.5	**1.5**	0.09	0.19	*C32*
Trachea, bronchus and lung	1295	14.9	85.1	**52.6**	2.33	6.71	1157	13.7	73.6	**40.7**	2.08	5.27	*C33-34*
Other thoracic organs	14	0.2	0.9	**0.7**	0.05	0.09	7	0.1	0.4	**0.2**	0.01	0.02	*C37-38*
Bone	20	0.2	1.3	**1.1**	0.06	0.11	13	0.2	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	525	6.0	34.5	**23.3**	1.44	2.65	478	5.7	30.4	**21.3**	1.58	2.12	*C43*
Other skin	20		1.3	**0.9**	0.04	0.09	26		1.7	**0.9**	0.06	0.10	*C44*
Mesothelioma	20	0.2	1.3	**0.8**	0.03	0.09	12	0.1	0.8	**0.4**	0.02	0.06	*C45*
Kaposi sarcoma	2	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.01	*C46*
Connective and soft tissue	78	0.9	5.1	**3.6**	0.20	0.39	51	0.6	3.2	**2.0**	0.13	0.20	*C47+C49*
Breast	25	0.3	1.6	**1.1**	0.07	0.17	2383	28.3	151.5	**92.6**	6.61	10.69	*C50*
Vulva							49	0.6	3.1	**1.7**	0.11	0.17	*C51*
Vagina							17	0.2	1.1	**0.7**	0.04	0.09	*C52*
Cervix uteri							98	1.2	6.2	**4.6**	0.34	0.42	*C53*
Corpus uteri							594	7.0	37.8	**23.7**	1.81	2.92	*C54*
Uterus unspecified							19	0.2	1.2	**0.6**	0.01	0.09	*C55*
Ovary							225	2.7	14.3	**8.7**	0.62	0.96	*C56*
Other female genital organs							17	0.2	1.1	**0.6**	0.04	0.07	*C57*
Placenta							1	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	8	0.1	0.5	**0.3**	0.02	0.02							*C60*
Prostate	2515	28.9	165.3	**106.9**	5.51	14.60							*C61*
Testis	95	1.1	6.2	**6.0**	0.46	0.46							*C62*
Other male genital organs	6	0.1	0.4	**0.3**	0.01	0.04							*C63*
Kidney	295	3.4	19.4	**12.5**	0.78	1.48	193	2.3	12.3	**7.3**	0.44	0.84	*C64*
Renal pelvis	20	0.2	1.3	**0.8**	0.03	0.10	10	0.1	0.6	**0.3**	0.01	0.04	*C65*
Ureter	17	0.2	1.1	**0.7**	0.02	0.09	11	0.1	0.7	**0.4**	0.00	0.06	*C66*
Bladder	662	7.6	43.5	**25.4**	1.04	2.88	247	2.9	15.7	**7.2**	0.32	0.81	*C67*
Other urinary organs	3	0.0	0.2	**0.1**	0.00	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	16	0.2	1.1	**0.7**	0.05	0.06	24	0.3	1.5	**1.1**	0.07	0.11	*C69*
Brain, nervous system	130	1.5	8.5	**6.4**	0.41	0.72	116	1.4	7.4	**5.5**	0.35	0.58	*C70-72*
Thyroid	87	1.0	5.7	**4.3**	0.30	0.44	295	3.5	18.8	**14.7**	1.12	1.37	*C73*
Adrenal gland	1	0.0	0.1	**0.0**	0.00	0.00	6	0.1	0.4	**0.3**	0.03	0.03	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.01	0.01	5	0.1	0.3	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	54	0.6	3.6	**3.4**	0.21	0.30	47	0.6	3.0	**2.8**	0.19	0.23	*C81*
Non-Hodgkin lymphoma	368	4.2	24.2	**15.6**	0.86	1.88	342	4.1	21.7	**12.4**	0.69	1.43	*C82-85,C96*
Immunoproliferative diseases	11	0.1	0.7	**0.5**	0.02	0.07	5	0.1	0.3	**0.2**	0.02	0.02	*C88*
Multiple myeloma	88	1.0	5.8	**3.5**	0.17	0.46	77	0.9	4.9	**2.5**	0.14	0.27	*C90*
Lymphoid leukaemia	156	1.8	10.3	**8.1**	0.39	0.81	94	1.1	6.0	**4.8**	0.25	0.40	*C91*
Myeloid leukaemia	110	1.3	7.2	**5.2**	0.22	0.59	81	1.0	5.1	**3.0**	0.17	0.29	*C92-94*
Leukaemia unspecified	4	0.0	0.3	**0.1**	0.00	0.00	3	0.0	0.2	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	38	0.4	2.5	**1.8**	0.11	0.20	55	0.7	3.5	**1.9**	0.09	0.24	*MPD*
Myelodysplastic syndromes	69	0.8	4.5	**2.7**	0.11	0.24	50	0.6	3.2	**1.5**	0.05	0.18	*MDS*
Other and unspecified	176	2.0	11.6	**6.9**	0.26	0.75	217	2.6	13.8	**6.0**	0.24	0.64	*O&U*
All sites	8736		574.3	**370.9**	19.22	45.50	8456		537.6	**317.6**	20.04	36.00	*C00-96*
All sites except C44	8716	100.0	573.0	**370.0**	19.19	45.41	8430	100.0	535.9	**316.6**	19.99	35.90	*C00-96 exc. C44*

USA, Virginia

REGISTRATION AREA

The Virginia Cancer Registry (VCR) covers the state of Virginia, which has a mixed urban (about 75%) and rural (about 25%) population. The population is approximately 80% White, 19% Black, and 1% Asian.

CANCER CARE FACILITIES

The urban areas are served by more than 60 hospitals and multiple large oncology practices. Insurance coverage is similar to that in other states of the USA; the Affordable Care Act will enable more citizens to afford cancer care.

REGISTRY STRUCTURE AND METHODS

State law established the VCR, and the Virginia State Board of Health regulates its activities. The VCR meets all standards of the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR) and conforms to the data standards published by the North American Association of Central Cancer Registries (NAACCR). All hospital data (and increasingly laboratory data) are received electronically. The registry requires reporters to conform to NAACCR data transmission standards. The VCR performs active trace-back to accomplish annual death clearance activities. Annual quality assurance activities include auditing a 20% sample of reporting facilities, assessing internal record consistency, and providing on-site training for reporters.

INTERPRETING THE RESULTS

The VCR operates with two other Virginia Department of Health programmes: the Comprehensive Cancer Control Program and the Breast and Cervical Cancer Early Detection Program (which screens women for breast and cervical cancer). The registry cooperates with this screening programme through an annual matching project.

USE OF THE DATA

The VCR produces the annual report *Burden of Cancer in Virginia*, which characterizes common cancers in the state. The registry also maintains a website that provides incidence statistics in tabular and graphical form. Registry data are used primarily for public health activities, including developing policy and procedures, collaborating with local authorities to investigate suspected cancer clusters, and disseminating aggregate statistics. Cancer researchers regularly submit requests to use registry data, which are granted after institutional review board approval. The VCR transmits data to the NPCR for inclusion in the publication *United States Cancer Statistics*. The annual NAACCR publication *Cancer in North America* also incorporates VCR data. The VCR participates in research projects, including the CONCORD programme at the London School of Hygiene & Tropical Medicine and the CDC research project Cancer Survival in Appalachia.

CONTRIBUTORS

Jim Martin
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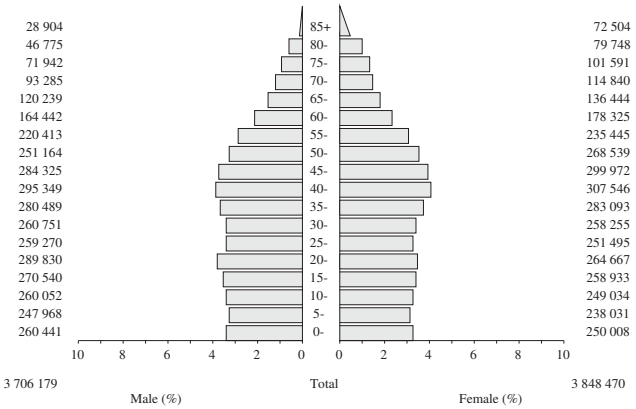
Laurel Gray

USA, Virginia (2003-2007)
Average annual person-years by sex and age group

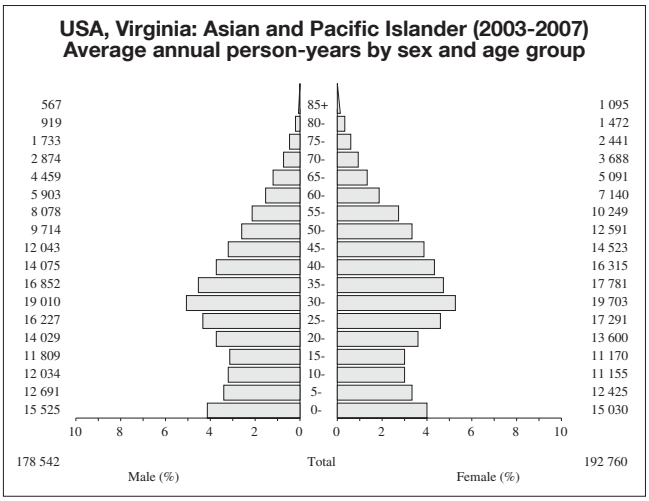


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

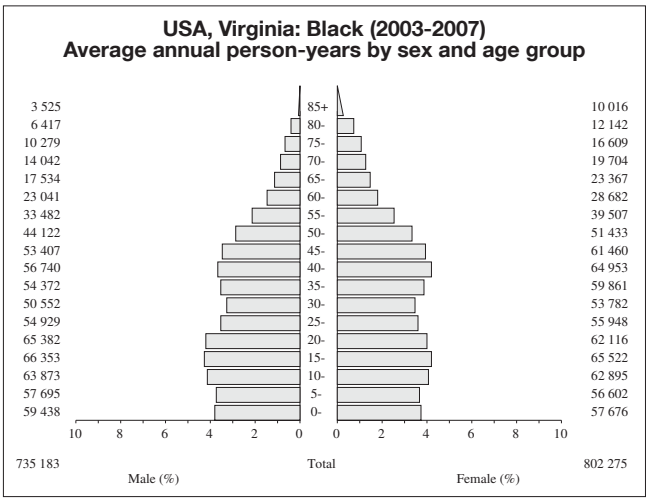
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	109.7	Breast	87.7
Trachea, bronchus and lung	55.6	Trachea, bronchus and lung	35.1
Colon	23.6	Colon	18.8
Bladder	19.7	Corpus uteri	15.4
Melanoma of skin	17.0	Melanoma of skin	11.7
Non-Hodgkin lymphoma	14.2	Thyroid	10.3
Kidney	12.6	Non-Hodgkin lymphoma	9.6
Rectum	10.7	Ovary	8.6
Pancreas	8.0	Rectum	6.7
Other and unspecified	7.2	Kidney	6.4
All sites	359.2	All sites	273.8



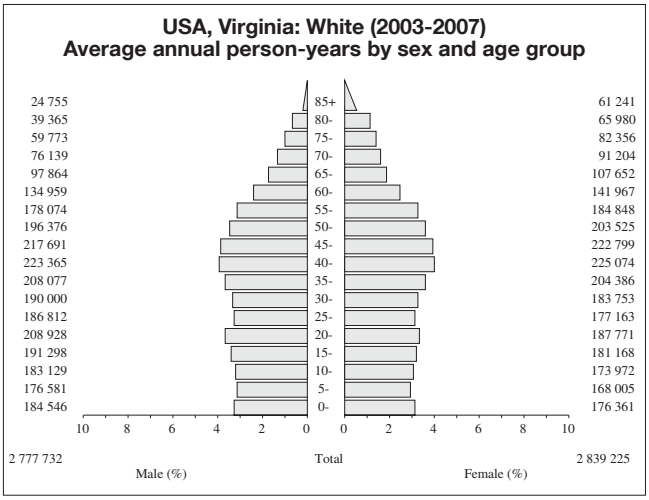
USA, VIRGINIA: ASIAN AND PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	37.8	Breast	45.7
Trachea, bronchus and lung	22.3	Trachea, bronchus and lung	14.3
Liver	16.0	Thyroid	10.7
Colon	11.1	Colon	10.6
Stomach	9.7	Corpus uteri	8.4
Rectum	7.5	Ovary	6.8
Bladder	7.2	Stomach	5.7
Non-Hodgkin lymphoma	5.9	Non-Hodgkin lymphoma	5.5
Pancreas	4.6	Cervix uteri	5.2
Kidney	4.3	Rectum	4.8
All sites	158.0	All sites	153.5



USA, VIRGINIA: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	169.2	Breast	88.8
Trachea, bronchus and lung	68.8	Trachea, bronchus and lung	33.4
Colon	31.6	Colon	25.1
Kidney	15.0	Corpus uteri	12.9
Rectum	12.3	Pancreas	8.8
Bladder	12.2	Kidney	7.8
Non-Hodgkin lymphoma	11.7	Rectum	7.7
Pancreas	10.6	Non-Hodgkin lymphoma	7.7
Stomach	9.7	Other and unspecified	7.4
Other and unspecified	9.0	Thyroid	6.8
All sites	430.0	All sites	266.2



USA, VIRGINIA: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	98.1	Breast	87.6
Trachea, bronchus and lung	54.2	Trachea, bronchus and lung	36.2
Colon	22.2	Colon	17.6
Bladder	21.3	Corpus uteri	15.9
Melanoma of skin	20.2	Melanoma of skin	14.6
Non-Hodgkin lymphoma	14.7	Thyroid	10.6
Kidney	12.3	Non-Hodgkin lymphoma	10.0
Rectum	10.4	Ovary	8.9
Pancreas	7.6	Rectum	6.4
Other and unspecified	7.0	Kidney	6.2
All sites	347.1	All sites	275.5

USA, Virginia (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	113	0.1	0.6	**0.4**	0.02	0.05	25	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	770	0.9	4.2	**3.2**	0.23	0.38	304	0.4	1.6	**1.0**	0.07	0.12	*C01-02*
Mouth	488	0.5	2.6	**2.0**	0.12	0.23	338	0.4	1.8	**1.1**	0.06	0.13	*C03-06*
Salivary glands	243	0.3	1.3	**1.0**	0.05	0.11	198	0.2	1.0	**0.7**	0.04	0.07	*C07-08*
Tonsil	542	0.6	2.9	**2.2**	0.19	0.26	139	0.2	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	139	0.2	0.8	**0.6**	0.04	0.07	54	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	127	0.1	0.7	**0.5**	0.04	0.06	49	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	289	0.3	1.6	**1.2**	0.07	0.16	69	0.1	0.4	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	50	0.1	0.3	**0.2**	0.01	0.02	24	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	1430	1.6	7.7	**5.7**	0.33	0.72	427	0.5	2.2	**1.3**	0.06	0.16	*C15*
Stomach	1388	1.6	7.5	**5.4**	0.25	0.63	854	1.1	4.4	**2.5**	0.12	0.27	*C16*
Small intestine	378	0.4	2.0	**1.5**	0.09	0.18	354	0.4	1.8	**1.2**	0.08	0.13	*C17*
Colon	6086	6.8	32.8	**23.6**	1.16	2.77	6447	7.9	33.5	**18.8**	0.91	2.20	*C18*
Rectum	2666	3.0	14.4	**10.7**	0.64	1.31	2056	2.5	10.7	**6.7**	0.40	0.79	*C19-20*
Anus	204	0.2	1.1	**0.8**	0.05	0.09	354	0.4	1.8	**1.2**	0.09	0.14	*C21*
Liver	1433	1.6	7.7	**5.7**	0.36	0.66	574	0.7	3.0	**1.8**	0.10	0.20	*C22*
Gallbladder etc.	346	0.4	1.9	**1.3**	0.06	0.16	452	0.6	2.3	**1.3**	0.06	0.15	*C23-24*
Pancreas	2080	2.3	11.2	**8.0**	0.40	0.95	2153	2.7	11.2	**6.1**	0.28	0.72	*C25*
Nose, sinuses etc.	184	0.2	1.0	**0.8**	0.04	0.08	84	0.1	0.4	**0.3**	0.01	0.03	*C30-31*
Larynx	1208	1.4	6.5	**4.9**	0.29	0.63	312	0.4	1.6	**1.1**	0.06	0.14	*C32*
Trachea, bronchus and lung	14252	16.0	76.9	**55.6**	2.48	7.00	11245	13.9	58.4	**35.1**	1.68	4.51	*C33-34*
Other thoracic organs	82	0.1	0.4	**0.4**	0.03	0.04	78	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	179	0.2	1.0	**0.9**	0.05	0.07	161	0.2	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	4213	4.7	22.7	**17.0**	1.03	1.92	3114	3.8	16.2	**11.7**	0.85	1.21	*C43*
Other skin	275		1.5	**1.1**	0.05	0.11	214		1.1	**0.8**	0.05	0.07	*C44*
Mesothelioma	355	0.4	1.9	**1.3**	0.05	0.15	76	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	85	0.1	0.5	**0.4**	0.03	0.03	13	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	611	0.7	3.3	**2.7**	0.15	0.27	522	0.6	2.7	**2.0**	0.12	0.19	*C47+C49*
Breast	284	0.3	1.5	**1.1**	0.06	0.13	25089	30.9	130.4	**87.7**	6.32	10.10	*C50*
Vulva							451	0.6	2.3	**1.4**	0.09	0.15	*C51*
Vagina							139	0.2	0.7	**0.4**	0.03	0.05	*C52*
Cervix uteri							1348	1.7	7.0	**5.2**	0.40	0.52	*C53*
Corpus uteri							4366	5.4	22.7	**15.4**	1.10	1.91	*C54*
Uterus unspecified							253	0.3	1.3	**0.9**	0.05	0.10	*C55*
Ovary							2527	3.1	13.1	**8.6**	0.55	0.99	*C56*
Other female genital organs							93	0.1	0.5	**0.3**	0.02	0.04	*C57*
Placenta							13	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	129	0.1	0.7	**0.5**	0.02	0.05							*C60*
Prostate	26968	30.3	145.5	**109.7**	5.83	14.83							*C61*
Testis	922	1.0	5.0	**4.5**	0.34	0.35							*C62*
Other male genital organs	27	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	3101	3.5	16.7	**12.6**	0.77	1.52	1840	2.3	9.6	**6.4**	0.40	0.76	*C64*
Renal pelvis	158	0.2	0.9	**0.6**	0.03	0.06	89	0.1	0.5	**0.2**	0.01	0.03	*C65*
Ureter	77	0.1	0.4	**0.3**	0.01	0.03	76	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	5197	5.8	28.0	**19.7**	0.84	2.30	1783	2.2	9.3	**5.2**	0.25	0.62	*C67*
Other urinary organs	41	0.0	0.2	**0.2**	0.01	0.02	33	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	93	0.1	0.5	**0.4**	0.02	0.04	107	0.1	0.6	**0.4**	0.02	0.04	*C69*
Brain, nervous system	1294	1.5	7.0	**5.9**	0.37	0.57	1038	1.3	5.4	**4.3**	0.27	0.41	*C70-72*
Thyroid	831	0.9	4.5	**3.6**	0.27	0.39	2476	3.1	12.9	**10.3**	0.82	0.98	*C73*
Adrenal gland	56	0.1	0.3	**0.4**	0.02	0.02	58	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	34	0.0	0.2	**0.2**	0.01	0.01	27	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	542	0.6	2.9	**2.6**	0.18	0.22	476	0.6	2.5	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	3506	3.9	18.9	**14.2**	0.80	1.61	2935	3.6	15.3	**9.6**	0.54	1.13	*C82-85,C96*
Immunoproliferative diseases	50	0.1	0.3	**0.2**	0.00	0.01	31	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	1079	1.2	5.8	**4.2**	0.20	0.50	994	1.2	5.2	**3.0**	0.16	0.37	*C90*
Lymphoid leukaemia	1128	1.3	6.1	**5.1**	0.24	0.48	728	0.9	3.8	**3.0**	0.15	0.25	*C91*
Myeloid leukaemia	936	1.1	5.1	**3.9**	0.19	0.42	797	1.0	4.1	**2.8**	0.16	0.27	*C92-94*
Leukaemia unspecified	100	0.1	0.5	**0.4**	0.01	0.03	119	0.1	0.6	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	281	0.3	1.5	**1.1**	0.06	0.13	222	0.3	1.2	**0.7**	0.04	0.07	*MPD*
Myelodysplastic syndromes	408	0.5	2.2	**1.5**	0.04	0.14	315	0.4	1.6	**0.8**	0.02	0.09	*MDS*
Other and unspecified	1886	2.1	10.2	**7.2**	0.35	0.82	2198	2.7	11.4	**6.2**	0.30	0.69	*O&U*
All sites	89344		482.1	**359.2**	19.02	43.81	81311		422.6	**273.8**	17.10	31.38	*C00-96*
All sites except C44	89069	100.0	480.7	**358.1**	18.97	43.70	81097	100.0	421.5	**273.0**	17.05	31.30	*C00-96 exc. C44*

USA, Virginia: Asian and Pacific Islander (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	12	0.9	1.3	**1.3**	0.06	0.13	1	0.1	0.1	**0.1**	0.00	0.02	*C01-02*
Mouth	5	0.4	0.6	**0.6**	0.04	0.07	7	0.4	0.7	**0.6**	0.03	0.03	*C03-06*
Salivary glands	6	0.5	0.7	**0.6**	0.03	0.10	4	0.2	0.4	**0.3**	0.02	0.02	*C07-08*
Tonsil	4	0.3	0.4	**0.5**	0.02	0.06	2	0.1	0.2	**0.2**	0.01	0.03	*C09*
Other oropharynx	3	0.2	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	18	1.4	2.0	**1.8**	0.13	0.19	4	0.2	0.4	**0.3**	0.02	0.04	*C11*
Hypopharynx	2	0.2	0.2	**0.3**	0.00	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.1	0.1	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	20	1.5	2.2	**2.3**	0.14	0.25	3	0.2	0.3	**0.2**	0.00	0.03	*C15*
Stomach	81	6.1	9.1	**9.7**	0.42	1.12	63	3.7	6.5	**5.7**	0.29	0.62	*C16*
Small intestine	3	0.2	0.3	**0.3**	0.02	0.02	6	0.3	0.6	**0.6**	0.05	0.07	*C17*
Colon	92	6.9	10.3	**11.1**	0.56	1.16	116	6.7	12.0	**10.6**	0.48	1.24	*C18*
Rectum	64	4.8	7.2	**7.5**	0.39	0.89	52	3.0	5.4	**4.8**	0.29	0.54	*C19-20*
Anus	2	0.2	0.2	**0.2**	0.01	0.01	4	0.2	0.4	**0.4**	0.02	0.05	*C21*
Liver	134	10.1	15.0	**16.0**	0.86	1.89	37	2.2	3.8	**3.4**	0.08	0.36	*C22*
Gallbladder etc.	6	0.5	0.7	**0.7**	0.02	0.07	24	1.4	2.5	**2.4**	0.11	0.30	*C23-24*
Pancreas	38	2.9	4.3	**4.6**	0.13	0.55	50	2.9	5.2	**4.7**	0.24	0.60	*C25*
Nose, sinuses etc.	2	0.2	0.2	**0.3**	0.00	0.06	1	0.1	0.1	**0.1**	0.01	0.01	*C30-31*
Larynx	11	0.8	1.2	**1.3**	0.05	0.16	1	0.1	0.1	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	184	13.9	20.6	**22.3**	0.98	2.73	155	9.0	16.1	**14.3**	0.62	1.74	*C33-34*
Other thoracic organs	3	0.2	0.3	**0.3**	0.02	0.04	3	0.2	0.3	**0.3**	0.02	0.05	*C37-38*
Bone	5	0.4	0.6	**0.5**	0.04	0.04	2	0.1	0.2	**0.2**	0.01	0.01	*C40-41*
Melanoma of skin	6	0.5	0.7	**0.7**	0.04	0.08	9	0.5	0.9	**0.9**	0.05	0.09	*C43*
Other skin	2		0.2	**0.2**	0.02	0.02	5		0.5	**0.4**	0.03	0.06	*C44*
Mesothelioma	3	0.2	0.3	**0.3**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	2	0.2	0.2	**0.2**	0.01	0.01	1	0.1	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	9	0.7	1.0	**1.2**	0.06	0.15	17	1.0	1.8	**1.4**	0.11	0.14	*C47+C49*
Breast	5	0.4	0.6	**0.5**	0.03	0.03	533	31.0	55.3	**45.7**	3.69	5.06	*C50*
Vulva							4	0.2	0.4	**0.4**	0.03	0.06	*C51*
Vagina							5	0.3	0.5	**0.5**	0.02	0.08	*C52*
Cervix uteri							62	3.6	6.4	**5.2**	0.39	0.58	*C53*
Corpus uteri							92	5.4	9.5	**8.4**	0.69	1.01	*C54*
Uterus unspecified							3	0.2	0.3	**0.3**	0.02	0.05	*C55*
Ovary							76	4.4	7.9	**6.8**	0.42	0.82	*C56*
Other female genital organs							6	0.3	0.6	**0.6**	0.03	0.07	*C57*
Placenta							1	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	2	0.2	0.2	**0.3**	0.02	0.02							*C60*
Prostate	305	23.0	34.2	**37.8**	1.94	5.05							*C61*
Testis	13	1.0	1.5	**1.1**	0.08	0.08							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	36	2.7	4.0	**4.3**	0.23	0.63	28	1.6	2.9	**2.5**	0.17	0.25	*C64*
Renal pelvis	1	0.1	0.1	**0.1**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	59	4.4	6.6	**7.2**	0.25	0.82	20	1.2	2.1	**1.7**	0.10	0.19	*C67*
Other urinary organs	2	0.2	0.2	**0.3**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	1	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	16	1.2	1.8	**2.0**	0.11	0.17	27	1.6	2.8	**2.8**	0.16	0.29	*C70-72*
Thyroid	25	1.9	2.8	**2.5**	0.18	0.25	132	7.7	13.7	**10.7**	0.87	1.02	*C73*
Adrenal gland	2	0.2	0.2	**0.2**	0.03	0.03	3	0.2	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	3	0.2	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	7	0.5	0.8	**0.8**	0.06	0.09	6	0.3	0.6	**0.6**	0.04	0.06	*C81*
Non-Hodgkin lymphoma	52	3.9	5.8	**5.9**	0.32	0.70	59	3.4	6.1	**5.5**	0.32	0.57	*C82-85,C96*
Immunoproliferative diseases	1	0.1	0.1	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	16	1.2	1.8	**1.9**	0.06	0.22	14	0.8	1.5	**1.3**	0.03	0.17	*C90*
Lymphoid leukaemia	9	0.7	1.0	**1.1**	0.06	0.08	9	0.5	0.9	**1.2**	0.06	0.11	*C91*
Myeloid leukaemia	28	2.1	3.1	**3.1**	0.13	0.32	18	1.0	1.9	**1.9**	0.12	0.18	*C92-94*
Leukaemia unspecified	3	0.2	0.3	**0.4**	0.01	0.04	4	0.2	0.4	**0.3**	0.01	0.01	*C95*
Myeloproliferative disorders	2	0.2	0.2	**0.2**	0.01	0.01	4	0.2	0.4	**0.4**	0.02	0.05	*MPD*
Myelodysplastic syndromes	5	0.4	0.6	**0.6**	0.01	0.05	3	0.2	0.3	**0.2**	0.02	0.02	*MDS*
Other and unspecified	17	1.3	1.9	**2.0**	0.09	0.21	48	2.8	5.0	**4.3**	0.16	0.50	*O&U*
All sites	1328		148.8	**158.0**	7.77	18.80	1724		178.9	**153.5**	9.88	17.24	*C00-96*
All sites except C44	1326	100.0	148.5	**157.8**	7.75	18.79	1719	100.0	178.4	**153.1**	9.84	17.18	*C00-96 exc. C44*

USA, Virginia: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	5	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	122	0.8	3.3	**3.3**	0.24	0.43	36	0.3	0.9	**0.8**	0.06	0.10	*C01-02*
Mouth	100	0.6	2.7	**2.6**	0.20	0.30	42	0.3	1.0	**0.9**	0.06	0.10	*C03-06*
Salivary glands	31	0.2	0.8	**0.8**	0.05	0.10	35	0.3	0.9	**0.7**	0.05	0.07	*C07-08*
Tonsil	75	0.5	2.0	**1.9**	0.16	0.22	20	0.1	0.5	**0.4**	0.03	0.05	*C09*
Other oropharynx	43	0.3	1.2	**1.1**	0.08	0.13	14	0.1	0.3	**0.3**	0.02	0.03	*C10*
Nasopharynx	32	0.2	0.9	**0.8**	0.05	0.10	9	0.1	0.2	**0.2**	0.02	0.02	*C11*
Hypopharynx	90	0.6	2.4	**2.5**	0.17	0.34	12	0.1	0.3	**0.3**	0.01	0.04	*C12-13*
Pharynx unspecified	8	0.0	0.2	**0.2**	0.02	0.02	7	0.1	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	257	1.6	7.0	**6.9**	0.42	0.86	107	0.8	2.7	**2.0**	0.10	0.26	*C15*
Stomach	374	2.3	10.2	**9.7**	0.43	1.12	221	1.6	5.5	**3.8**	0.17	0.41	*C16*
Small intestine	94	0.6	2.6	**2.4**	0.15	0.28	99	0.7	2.5	**1.9**	0.13	0.22	*C17*
Colon	1209	7.5	32.9	**31.6**	1.68	3.81	1370	10.0	34.2	**25.1**	1.29	3.04	*C18*
Rectum	464	2.9	12.6	**12.3**	0.73	1.54	405	2.9	10.1	**7.7**	0.47	0.94	*C19-20*
Anus	41	0.3	1.1	**1.1**	0.07	0.13	46	0.3	1.1	**0.8**	0.06	0.09	*C21*
Liver	298	1.9	8.1	**7.8**	0.61	0.92	118	0.9	2.9	**2.2**	0.13	0.26	*C22*
Gallbladder etc.	44	0.3	1.2	**1.1**	0.06	0.14	90	0.7	2.2	**1.5**	0.07	0.17	*C23-24*
Pancreas	406	2.5	11.0	**10.6**	0.56	1.26	502	3.7	12.5	**8.8**	0.39	1.05	*C25*
Nose, sinuses etc.	33	0.2	0.9	**0.9**	0.05	0.11	14	0.1	0.3	**0.2**	0.01	0.02	*C30-31*
Larynx	279	1.7	7.6	**7.5**	0.45	0.92	71	0.5	1.8	**1.4**	0.09	0.18	*C32*
Trachea, bronchus and lung	2590	16.2	70.5	**68.8**	3.40	8.67	1755	12.8	43.8	**33.4**	1.82	4.25	*C33-34*
Other thoracic organs	20	0.1	0.5	**0.5**	0.04	0.06	19	0.1	0.5	**0.4**	0.03	0.04	*C37-38*
Bone	25	0.2	0.7	**0.6**	0.04	0.05	26	0.2	0.6	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	30	0.2	0.8	**0.8**	0.05	0.12	39	0.3	1.0	**0.7**	0.03	0.09	*C43*
Other skin	35		1.0	**0.9**	0.05	0.08	41		1.0	**0.9**	0.07	0.08	*C44*
Mesothelioma	57	0.4	1.6	**1.5**	0.07	0.16	4	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	28	0.2	0.8	**0.7**	0.05	0.06	3	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	92	0.6	2.5	**2.5**	0.15	0.25	121	0.9	3.0	**2.5**	0.17	0.22	*C47+C49*
Breast	56	0.3	1.5	**1.5**	0.09	0.18	4504	32.8	112.3	**88.8**	6.50	10.08	*C50*
Vulva							56	0.4	1.4	**1.0**	0.07	0.10	*C51*
Vagina							40	0.3	1.0	**0.7**	0.04	0.07	*C52*
Cervix uteri							276	2.0	6.9	**5.5**	0.40	0.57	*C53*
Corpus uteri							632	4.6	15.8	**12.9**	0.80	1.66	*C54*
Uterus unspecified							63	0.5	1.6	**1.2**	0.06	0.14	*C55*
Ovary							328	2.4	8.2	**6.4**	0.41	0.73	*C56*
Other female genital organs							7	0.1	0.2	**0.1**	0.01	0.01	*C57*
Placenta							3	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	28	0.2	0.8	**0.6**	0.03	0.06							*C60*
Prostate	6139	38.3	167.0	**169.2**	9.71	22.61							*C61*
Testis	48	0.3	1.3	**1.2**	0.09	0.10							*C62*
Other male genital organs	5	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	571	3.6	15.5	**15.0**	1.00	1.80	384	2.8	9.6	**7.8**	0.53	0.91	*C64*
Renal pelvis	18	0.1	0.5	**0.5**	0.02	0.07	5	0.0	0.1	**0.1**	0.01	0.01	*C65*
Ureter	2	0.0	0.1	**0.0**	0.00	0.01	6	0.0	0.1	**0.1**	0.00	0.00	*C66*
Bladder	473	3.0	12.9	**12.2**	0.58	1.34	252	1.8	6.3	**4.2**	0.17	0.45	*C67*
Other urinary organs	8	0.0	0.2	**0.2**	0.01	0.03	6	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	5	0.0	0.1	**0.2**	0.01	0.01	2	0.0	0.0	**0.1**	0.00	0.00	*C69*
Brain, nervous system	134	0.8	3.6	**3.6**	0.24	0.34	121	0.9	3.0	**2.9**	0.18	0.28	*C70-72*
Thyroid	75	0.5	2.0	**1.9**	0.13	0.21	326	2.4	8.1	**6.8**	0.54	0.68	*C73*
Adrenal gland	6	0.0	0.2	**0.2**	0.01	0.01	10	0.1	0.2	**0.2**	0.02	0.02	*C74*
Other endocrine	8	0.0	0.2	**0.2**	0.02	0.02	7	0.1	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	102	0.6	2.8	**2.6**	0.19	0.24	103	0.7	2.6	**2.4**	0.17	0.18	*C81*
Non-Hodgkin lymphoma	459	2.9	12.5	**11.7**	0.77	1.30	384	2.8	9.6	**7.7**	0.47	0.90	*C82-85,C96*
Immunoproliferative diseases	3	0.0	0.1	**0.1**	0.00	0.01	3	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	305	1.9	8.3	**7.9**	0.38	0.90	327	2.4	8.2	**6.0**	0.31	0.74	*C90*
Lymphoid leukaemia	157	1.0	4.3	**4.4**	0.20	0.46	97	0.7	2.4	**2.1**	0.11	0.21	*C91*
Myeloid leukaemia	140	0.9	3.8	**3.7**	0.20	0.39	121	0.9	3.0	**2.4**	0.15	0.23	*C92-94*
Leukaemia unspecified	16	0.1	0.4	**0.4**	0.02	0.04	18	0.1	0.4	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	31	0.2	0.8	**0.8**	0.03	0.08	27	0.2	0.7	**0.5**	0.02	0.05	*MPD*
Myelodysplastic syndromes	48	0.3	1.3	**1.2**	0.04	0.11	30	0.2	0.7	**0.5**	0.01	0.06	*MDS*
Other and unspecified	344	2.1	9.4	**9.0**	0.47	1.10	418	3.0	10.4	**7.4**	0.39	0.84	*O&U*
All sites	16063		437.0	**430.0**	24.30	53.63	13782		343.6	**266.2**	16.73	30.76	*C00-96*
All sites except C44	16028	100.0	436.0	**429.1**	24.25	53.55	13741	100.0	342.6	**265.4**	16.66	30.68	*C00-96 exc. C44*

USA, Virginia: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	108	0.2	0.8	**0.5**	0.02	0.06	25	0.0	0.2	**0.1**	0.01	0.01	*C00*
Tongue	625	0.9	4.5	**3.2**	0.23	0.39	259	0.4	1.8	**1.1**	0.08	0.13	*C01-02*
Mouth	374	0.5	2.7	**1.9**	0.11	0.22	279	0.4	2.0	**1.1**	0.05	0.14	*C03-06*
Salivary glands	198	0.3	1.4	**1.0**	0.05	0.11	156	0.2	1.1	**0.7**	0.04	0.07	*C07-08*
Tonsil	461	0.7	3.3	**2.4**	0.20	0.28	116	0.2	0.8	**0.5**	0.04	0.06	*C09*
Other oropharynx	93	0.1	0.7	**0.5**	0.04	0.06	40	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	75	0.1	0.5	**0.4**	0.03	0.04	35	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	190	0.3	1.4	**1.0**	0.05	0.12	56	0.1	0.4	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	41	0.1	0.3	**0.2**	0.01	0.03	17	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	1143	1.6	8.2	**5.6**	0.32	0.71	306	0.5	2.2	**1.1**	0.05	0.14	*C15*
Stomach	903	1.3	6.5	**4.3**	0.20	0.50	553	0.9	3.9	**2.0**	0.09	0.21	*C16*
Small intestine	272	0.4	2.0	**1.4**	0.08	0.16	243	0.4	1.7	**1.0**	0.07	0.12	*C17*
Colon	4684	6.7	33.7	**22.2**	1.06	2.59	4888	7.6	34.4	**17.6**	0.82	2.03	*C18*
Rectum	2100	3.0	15.1	**10.4**	0.63	1.27	1561	2.4	11.0	**6.4**	0.38	0.76	*C19-20*
Anus	159	0.2	1.1	**0.8**	0.05	0.08	294	0.5	2.1	**1.3**	0.09	0.15	*C21*
Liver	971	1.4	7.0	**4.7**	0.27	0.53	406	0.6	2.9	**1.7**	0.09	0.18	*C22*
Gallbladder etc.	289	0.4	2.1	**1.4**	0.07	0.17	327	0.5	2.3	**1.2**	0.06	0.14	*C23-24*
Pancreas	1605	2.3	11.6	**7.6**	0.37	0.90	1570	2.5	11.1	**5.5**	0.25	0.64	*C25*
Nose, sinuses etc.	148	0.2	1.1	**0.8**	0.05	0.08	67	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	905	1.3	6.5	**4.5**	0.27	0.59	240	0.4	1.7	**1.1**	0.06	0.14	*C32*
Trachea, bronchus and lung	11384	16.3	82.0	**54.2**	2.35	6.84	9246	14.4	65.1	**36.2**	1.69	4.66	*C33-34*
Other thoracic organs	58	0.1	0.4	**0.3**	0.02	0.03	55	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	143	0.2	1.0	**1.0**	0.06	0.08	128	0.2	0.9	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	4001	5.7	28.8	**20.2**	1.23	2.27	2927	4.6	20.6	**14.6**	1.05	1.49	*C43*
Other skin	231		1.7	**1.1**	0.05	0.11	163		1.1	**0.7**	0.04	0.07	*C44*
Mesothelioma	294	0.4	2.1	**1.3**	0.05	0.15	71	0.1	0.5	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	53	0.1	0.4	**0.3**	0.02	0.03	8	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	498	0.7	3.6	**2.7**	0.15	0.27	373	0.6	2.6	**1.8**	0.11	0.17	*C47+C49*
Breast	213	0.3	1.5	**1.1**	0.06	0.12	19594	30.6	138.0	**87.6**	6.26	10.15	*C50*
Vulva							380	0.6	2.7	**1.5**	0.09	0.16	*C51*
Vagina							91	0.1	0.6	**0.4**	0.02	0.04	*C52*
Cervix uteri							968	1.5	6.8	**5.1**	0.40	0.49	*C53*
Corpus uteri							3531	5.5	24.9	**15.9**	1.16	1.96	*C54*
Uterus unspecified							174	0.3	1.2	**0.8**	0.05	0.09	*C55*
Ovary							2076	3.2	14.6	**8.9**	0.58	1.04	*C56*
Other female genital organs							76	0.1	0.5	**0.3**	0.02	0.04	*C57*
Placenta							8	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	97	0.1	0.7	**0.5**	0.02	0.05							*C60*
Prostate	19692	28.2	141.8	**98.1**	5.09	13.36							*C61*
Testis	835	1.2	6.0	**5.5**	0.41	0.42							*C62*
Other male genital organs	22	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	2446	3.5	17.6	**12.3**	0.73	1.49	1405	2.2	9.9	**6.2**	0.37	0.74	*C64*
Renal pelvis	137	0.2	1.0	**0.6**	0.03	0.06	82	0.1	0.6	**0.3**	0.01	0.03	*C65*
Ureter	73	0.1	0.5	**0.3**	0.01	0.04	70	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	4598	6.6	33.1	**21.3**	0.90	2.50	1495	2.3	10.5	**5.5**	0.27	0.68	*C67*
Other urinary organs	31	0.0	0.2	**0.1**	0.01	0.01	27	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	83	0.1	0.6	**0.5**	0.03	0.05	101	0.2	0.7	**0.5**	0.03	0.05	*C69*
Brain, nervous system	1124	1.6	8.1	**6.5**	0.40	0.63	860	1.3	6.1	**4.6**	0.29	0.43	*C70-72*
Thyroid	708	1.0	5.1	**3.9**	0.30	0.42	1907	3.0	13.4	**10.6**	0.85	1.01	*C73*
Adrenal gland	47	0.1	0.3	**0.4**	0.02	0.03	43	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	23	0.0	0.2	**0.2**	0.01	0.01	19	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	409	0.6	2.9	**2.7**	0.18	0.22	353	0.6	2.5	**2.3**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	2916	4.2	21.0	**14.7**	0.80	1.66	2443	3.8	17.2	**10.0**	0.55	1.19	*C82-85,C96*
Immunoproliferative diseases	44	0.1	0.3	**0.2**	0.00	0.01	27	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	718	1.0	5.2	**3.4**	0.16	0.42	617	1.0	4.3	**2.3**	0.12	0.28	*C90*
Lymphoid leukaemia	909	1.3	6.5	**5.2**	0.25	0.48	580	0.9	4.1	**3.1**	0.16	0.25	*C91*
Myeloid leukaemia	737	1.1	5.3	**3.8**	0.19	0.41	629	1.0	4.4	**2.7**	0.16	0.27	*C92-94*
Leukaemia unspecified	79	0.1	0.6	**0.4**	0.01	0.03	96	0.1	0.7	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	243	0.3	1.7	**1.2**	0.07	0.14	189	0.3	1.3	**0.7**	0.04	0.08	*MPD*
Myelodysplastic syndromes	348	0.5	2.5	**1.5**	0.04	0.15	278	0.4	2.0	**0.9**	0.03	0.10	*MDS*
Other and unspecified	1497	2.1	10.8	**7.0**	0.34	0.78	1706	2.7	12.0	**6.0**	0.28	0.66	*O&U*
All sites	70035		504.3	**347.1**	18.11	42.16	64234		452.5	**275.5**	17.16	31.59	*C00-96*
All sites except C44	69804	100.0	502.6	**346.0**	18.06	42.05	64071	100.0	451.3	**274.8**	17.12	31.51	*C00-96 exc. C44*

USA, Washington State

REGISTRATION AREA

The Washington State Cancer Registry (WSCR) covers the population of the state of Washington, which is located in the Pacific Northwest region of the USA, sharing its northern border with Canada.

REGISTRY STRUCTURE AND METHODS

The WSCR is housed at the Washington State Department of Health and is responsible for the collection of all reportable conditions (cancers, non-malignant brain and central nervous system tumours, and reportable haematopoietic conditions) within the state. The registry is funded by the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR), and state general funds. State law requires hospitals and health care professionals to submit case information to the registry within 6 months of diagnosis or first treatment visit. The WSCR also reviews pathology reports to ensure complete case capture. Death certificates are reviewed annually to update case records and vital status and to identify potentially missed cases. The WSCR follows the coding guidelines set by the North American Association of Central Cancer Registries (NAACCR). ICD-O-3 is used as the standard reference for coding topography and morphology.

INTERPRETING THE RESULTS

The WSCR has consistently met or exceeded the following data quality criteria for all cancer sites combined included in this data submission: case ascertainment is at least 95% complete; fewer than 5% of cases are ascertained solely on the basis of a death certificate; no more than 3% of cases are missing information on sex or age; no more than 5% of cases are missing information on race; and at least 97% of the registry's records passed a set of computerized edit checks.

USE OF THE DATA

The WSCR electronically transmits data to CDC annually, using a standardized NAACCR record layout and coding system. The data are also used to support the work of public health professionals, health care delivery professionals, and researchers, and to support investigations of possible cancer clustering issues. An annual report on cancer in the state is published for informational purposes and is available from https://fortress.wa.gov/doh/wscr/WSCR/.

CONTRIBUTORS

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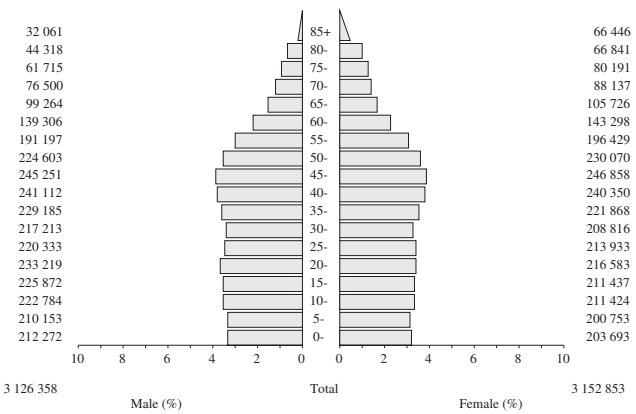
USA, Washington State (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	108.8	Breast	91.8
Trachea, bronchus and lung	45.4	Trachea, bronchus and lung	37.1
Bladder	22.6	Corpus uteri	17.6
Colon	20.4	Melanoma of skin	16.9
Melanoma of skin	19.2	Colon	16.4
Non-Hodgkin lymphoma	17.5	Thyroid	12.7
Kidney	12.8	Non-Hodgkin lymphoma	12.2
Rectum	10.5	Ovary	9.6
Pancreas	8.0	Kidney	6.9
Lymphoid leukaemia	7.3	Rectum	6.4
All sites	362.2	All sites	298.4

USA, Washington State (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	206	0.3	1.3	**0.9**	0.04	0.10	66	0.1	0.4	**0.2**	0.01	0.03	*C00*
Tongue	750	1.0	4.8	**3.6**	0.27	0.45	317	0.4	2.0	**1.3**	0.09	0.16	*C01-02*
Mouth	402	0.5	2.6	**1.9**	0.12	0.23	319	0.4	2.0	**1.2**	0.06	0.13	*C03-06*
Salivary glands	205	0.3	1.3	**0.9**	0.05	0.09	146	0.2	0.9	**0.6**	0.04	0.06	*C07-08*
Tonsil	441	0.6	2.8	**2.1**	0.18	0.25	95	0.1	0.6	**0.4**	0.03	0.06	*C09*
Other oropharynx	78	0.1	0.5	**0.4**	0.02	0.05	31	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	125	0.2	0.8	**0.6**	0.05	0.08	40	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	149	0.2	1.0	**0.7**	0.04	0.09	39	0.1	0.2	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	40	0.1	0.3	**0.2**	0.01	0.02	36	0.0	0.2	**0.1**	0.01	0.02	*C14*
Oesophagus	1182	1.5	7.6	**5.3**	0.26	0.66	373	0.5	2.4	**1.4**	0.06	0.18	*C15*
Stomach	1234	1.6	7.9	**5.4**	0.25	0.64	715	1.0	4.5	**2.5**	0.13	0.28	*C16*
Small intestine	330	0.4	2.1	**1.5**	0.08	0.18	286	0.4	1.8	**1.1**	0.07	0.14	*C17*
Colon	4683	6.0	30.0	**20.4**	0.93	2.38	4838	6.7	30.7	**16.4**	0.71	1.85	*C18*
Rectum	2296	2.9	14.7	**10.5**	0.62	1.25	1645	2.3	10.4	**6.4**	0.40	0.72	*C19-20*
Anus	192	0.2	1.2	**0.9**	0.07	0.10	371	0.5	2.4	**1.5**	0.11	0.17	*C21*
Liver	1449	1.9	9.3	**6.8**	0.46	0.79	599	0.8	3.8	**2.3**	0.13	0.27	*C22*
Gallbladder etc.	363	0.5	2.3	**1.6**	0.06	0.18	457	0.6	2.9	**1.6**	0.06	0.21	*C23-24*
Pancreas	1812	2.3	11.6	**8.0**	0.37	0.98	1834	2.5	11.6	**6.4**	0.29	0.75	*C25*
Nose, sinuses etc.	121	0.2	0.8	**0.6**	0.04	0.08	88	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	714	0.9	4.6	**3.3**	0.17	0.42	214	0.3	1.4	**0.9**	0.05	0.12	*C32*
Trachea, bronchus and lung	10313	13.2	66.0	**45.4**	1.85	5.66	9826	13.5	62.3	**37.1**	1.66	4.80	*C33-34*
Other thoracic organs	100	0.1	0.6	**0.5**	0.04	0.05	50	0.1	0.3	**0.3**	0.02	0.02	*C37-38*
Bone	170	0.2	1.1	**1.0**	0.06	0.08	150	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	4077	5.2	26.1	**19.2**	1.21	2.18	3558	4.9	22.6	**16.9**	1.24	1.68	*C43*
Other skin	274		1.8	**1.2**	0.06	0.14	244		1.5	**1.0**	0.07	0.10	*C44*
Mesothelioma	341	0.4	2.2	**1.4**	0.06	0.15	102	0.1	0.6	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	116	0.1	0.7	**0.6**	0.04	0.05	9	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	595	0.8	3.8	**3.0**	0.16	0.28	426	0.6	2.7	**2.0**	0.12	0.18	*C47+C49*
Breast	133	0.2	0.9	**0.6**	0.03	0.08	21584	29.7	136.9	**91.8**	6.46	10.70	*C50*
Vulva							388	0.5	2.5	**1.5**	0.09	0.16	*C51*
Vagina							118	0.2	0.7	**0.4**	0.02	0.05	*C52*
Cervix uteri							1096	1.5	7.0	**5.5**	0.43	0.53	*C53*
Corpus uteri							4074	5.6	25.8	**17.6**	1.26	2.16	*C54*
Uterus unspecified							77	0.1	0.5	**0.3**	0.02	0.03	*C55*
Ovary							2351	3.2	14.9	**9.6**	0.61	1.08	*C56*
Other female genital organs							157	0.2	1.0	**0.6**	0.04	0.08	*C57*
Placenta							16	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	82	0.1	0.5	**0.3**	0.01	0.04							*C60*
Prostate	23150	29.6	148.1	**108.8**	5.46	14.76							*C61*
Testis	1025	1.3	6.6	**6.0**	0.45	0.46							*C62*
Other male genital organs	51	0.1	0.3	**0.2**	0.01	0.03							*C63*
Kidney	2701	3.4	17.3	**12.8**	0.79	1.51	1621	2.2	10.3	**6.9**	0.42	0.79	*C64*
Renal pelvis	151	0.2	1.0	**0.6**	0.02	0.07	127	0.2	0.8	**0.4**	0.01	0.04	*C65*
Ureter	109	0.1	0.7	**0.5**	0.02	0.05	58	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	5285	6.7	33.8	**22.6**	0.91	2.64	1633	2.2	10.4	**5.8**	0.25	0.69	*C67*
Other urinary organs	61	0.1	0.4	**0.2**	0.01	0.02	22	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	141	0.2	0.9	**0.7**	0.05	0.07	122	0.2	0.8	**0.6**	0.04	0.06	*C69*
Brain, nervous system	1277	1.6	8.2	**6.9**	0.43	0.66	1003	1.4	6.4	**5.2**	0.33	0.48	*C70-72*
Thyroid	830	1.1	5.3	**4.2**	0.31	0.45	2483	3.4	15.8	**12.7**	1.00	1.21	*C73*
Adrenal gland	39	0.0	0.2	**0.3**	0.02	0.02	51	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	24	0.0	0.2	**0.1**	0.01	0.01	7	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	508	0.6	3.2	**2.9**	0.19	0.25	399	0.5	2.5	**2.3**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	3818	4.9	24.4	**17.5**	0.97	1.95	3097	4.3	19.6	**12.2**	0.69	1.37	*C82-85,C96*
Immunoproliferative diseases	79	0.1	0.5	**0.3**	0.01	0.03	75	0.1	0.5	**0.3**	0.01	0.03	*C88*
Multiple myeloma	1002	1.3	6.4	**4.4**	0.21	0.54	727	1.0	4.6	**2.6**	0.13	0.32	*C90*
Lymphoid leukaemia	1458	1.9	9.3	**7.3**	0.35	0.72	932	1.3	5.9	**4.3**	0.22	0.40	*C91*
Myeloid leukaemia	966	1.2	6.2	**4.5**	0.23	0.45	800	1.1	5.1	**3.2**	0.18	0.33	*C92-94*
Leukaemia unspecified	52	0.1	0.3	**0.2**	0.01	0.03	57	0.1	0.4	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	515	0.7	3.3	**2.3**	0.12	0.27	557	0.8	3.5	**2.1**	0.11	0.23	*MPD*
Myelodysplastic syndromes	1002	1.3	6.4	**3.9**	0.10	0.37	811	1.1	5.1	**2.6**	0.09	0.27	*MDS*
Other and unspecified	1360	1.7	8.7	**6.0**	0.28	0.65	1546	2.1	9.8	**5.3**	0.23	0.60	*O&U*
All sites	78577		502.7	**362.2**	18.56	43.75	72863		462.2	**298.4**	18.29	34.00	*C00-96*
All sites except C44	78303	100.0	500.9	**361.0**	18.49	43.61	72619	100.0	460.7	**297.4**	18.22	33.91	*C00-96 exc. C44*

§Includes 1 case of unknown age

USA, Washington, Seattle

REGISTRATION AREA

The Cancer Surveillance System (CSS) operates under the SEER Program to provide incidence and follow-up data on all newly diagnosed malignancies (except non-melanoma skin cancers and cervical carcinoma in situ) in residents of 13 counties in the north-west of Washington state. The CSS reporting area contains about 70% of the state's population. Approximately 86% of the residents in the CSS reporting area live in the metropolitan areas of Seattle–Bellevue–Everett (57.7%), Tacoma (17.5%), Bremerton (5.6%), and Olympia (5.1%). In 2000, the population was 80.4% White, 5.3% Hispanic, 4.2% Black, 7.2% Asian, 1.4% Native American, and 1.5% of other races.

CANCER CARE FACILITIES

Cancer patients throughout the CSS catchment area have extensive access to the most advanced diagnostic and treatment facilities.

REGISTRY STRUCTURE AND METHODS

The registry is located within the Fred Hutchinson Cancer Research Center (FHCRC) and is funded primarily by the SEER Program and partly by the FHCRC and the Washington State Department of Health. The registry's approximately two dozen highly trained cancer registration technical staff members are supported by information technology and administrative personnel. The CSS uses active case finding from hospitals, clinics, pathology laboratories, and death certificates. All case finding is performed by CSS staff members. Abstraction and coding of medical records is performed by a mix of hospital staff members and registry staff members. Editing, case consolidation, and quality control activities are performed by CSS staff members. Both active and passive follow-up methods are used. Death clearance and unduplication activities are performed annually.

INTERPRETING THE RESULTS

There are no circumstances within the registry area that are particularly different from those of any other region with a highly medicalized society. There are no screening programmes that target the general population, but the Washington State Department of Health supports clinics that provide low-cost or no-cost breast, cervical, and colorectal cancer screening.

USE OF THE DATA

The CSS provides monthly reports to all reporting hospitals. Identifying information is reported only to the reporting physician or institution, to FHCRC investigators conducting research approved by the institutional review board, and to the Washington State Department of Health. Statistical reports for publication contain no data identifying patients, physicians, or institutions. De-identified patient-level data, as well as aggregate information (e.g. incidence and survival rates by age), are released to scientists working at the local, regional, national, and international levels, through the SEER Program and http://www.cancer-rates.info/.

CONTRIBUTORS

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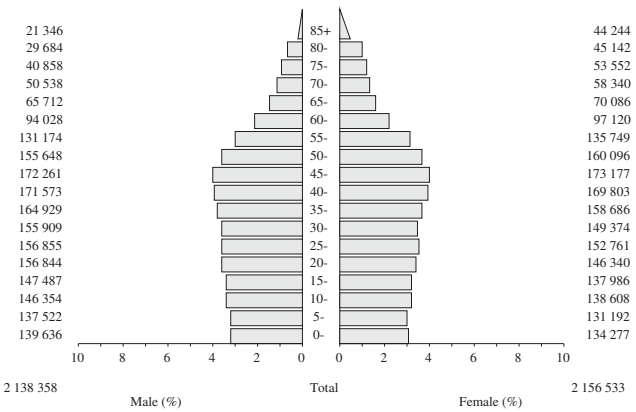
USA, Washington, Seattle (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	114.8	Breast	96.3
Trachea, bronchus and lung	46.2	Trachea, bronchus and lung	37.6
Bladder	23.4	Melanoma of skin	18.3
Melanoma of skin	20.7	Corpus uteri	18.3
Colon	20.7	Colon	16.8
Non-Hodgkin lymphoma	18.5	Thyroid	13.6
Kidney	13.5	Non-Hodgkin lymphoma	12.9
Rectum	10.4	Ovary	9.8
Pancreas	8.1	Kidney	7.1
Liver	7.8	Rectum	6.4
All sites	378.5	All sites	310.5

USA, Washington, Seattle (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	117	0.2	1.1	**0.7**	0.03	0.09	36	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	539	1.0	5.0	**3.8**	0.28	0.47	227	0.4	2.1	**1.4**	0.09	0.17	*C01-02*
Mouth	275	0.5	2.6	**1.9**	0.12	0.24	227	0.4	2.1	**1.3**	0.06	0.14	*C03-06*
Salivary glands	132	0.2	1.2	**0.9**	0.05	0.08	92	0.2	0.9	**0.6**	0.03	0.05	*C07-08*
Tonsil	295	0.5	2.8	**2.1**	0.17	0.25	76	0.1	0.7	**0.5**	0.03	0.07	*C09*
Other oropharynx	48	0.1	0.4	**0.3**	0.02	0.04	12	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	96	0.2	0.9	**0.7**	0.05	0.09	30	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	95	0.2	0.9	**0.7**	0.03	0.08	26	0.1	0.2	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	30	0.1	0.3	**0.2**	0.01	0.02	28	0.1	0.3	**0.2**	0.01	0.02	*C14*
Oesophagus	790	1.4	7.4	**5.2**	0.24	0.63	278	0.5	2.6	**1.5**	0.06	0.19	*C15*
Stomach	864	1.6	8.1	**5.6**	0.25	0.66	516	1.0	4.8	**2.7**	0.14	0.30	*C16*
Small intestine	253	0.5	2.4	**1.7**	0.10	0.20	194	0.4	1.8	**1.1**	0.06	0.13	*C17*
Colon	3229	5.8	30.2	**20.7**	0.95	2.39	3366	6.5	31.2	**16.8**	0.72	1.90	*C18*
Rectum	1543	2.8	14.4	**10.4**	0.62	1.24	1125	2.2	10.4	**6.4**	0.40	0.71	*C19-20*
Anus	148	0.3	1.4	**1.0**	0.08	0.12	269	0.5	2.5	**1.6**	0.11	0.17	*C21*
Liver	1140	2.1	10.7	**7.8**	0.54	0.92	466	0.9	4.3	**2.6**	0.15	0.31	*C22*
Gallbladder etc.	245	0.4	2.3	**1.6**	0.07	0.19	316	0.6	2.9	**1.6**	0.07	0.20	*C23-24*
Pancreas	1244	2.3	11.6	**8.1**	0.37	0.97	1239	2.4	11.5	**6.3**	0.29	0.75	*C25*
Nose, sinuses etc.	79	0.1	0.7	**0.6**	0.03	0.07	62	0.1	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	522	0.9	4.9	**3.6**	0.19	0.47	149	0.3	1.4	**0.9**	0.05	0.12	*C32*
Trachea, bronchus and lung	7042	12.7	65.9	**46.2**	1.89	5.70	6793	13.2	63.0	**37.6**	1.63	4.83	*C33-34*
Other thoracic organs	72	0.1	0.7	**0.6**	0.04	0.05	41	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	117	0.2	1.1	**1.0**	0.06	0.08	102	0.2	0.9	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	2990	5.4	28.0	**20.7**	1.30	2.37	2654	5.2	24.6	**18.3**	1.34	1.82	*C43*
Other skin	193		1.8	**1.3**	0.07	0.14	185		1.7	**1.1**	0.07	0.10	*C44*
Mesothelioma	245	0.4	2.3	**1.5**	0.06	0.17	69	0.1	0.6	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	103	0.2	1.0	**0.7**	0.06	0.06	5	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	423	0.8	4.0	**3.1**	0.16	0.30	281	0.5	2.6	**1.9**	0.11	0.16	*C47+C49*
Breast	95	0.2	0.9	**0.6**	0.03	0.08	15443	30.0	143.2	**96.3**	6.78	11.26	*C50*
Vulva							287	0.6	2.7	**1.6**	0.09	0.18	*C51*
Vagina							82	0.2	0.8	**0.5**	0.02	0.05	*C52*
Cervix uteri							765	1.5	7.1	**5.5**	0.44	0.54	*C53*
Corpus uteri							2890	5.6	26.8	**18.3**	1.32	2.26	*C54*
Uterus unspecified							35	0.1	0.3	**0.2**	0.01	0.01	*C55*
Ovary							1637	3.2	15.2	**9.8**	0.63	1.10	*C56*
Other female genital organs							108	0.2	1.0	**0.7**	0.04	0.08	*C57*
Placenta							10	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	56	0.1	0.5	**0.4**	0.01	0.04							*C60*
Prostate	16402	29.7	153.4	**114.8**	5.75	15.59							*C61*
Testis	730	1.3	6.8	**6.0**	0.46	0.47							*C62*
Other male genital organs	42	0.1	0.4	**0.3**	0.01	0.03							*C63*
Kidney	1935	3.5	18.1	**13.5**	0.84	1.60	1137	2.2	10.5	**7.1**	0.44	0.81	*C64*
Renal pelvis	110	0.2	1.0	**0.7**	0.02	0.08	90	0.2	0.8	**0.4**	0.02	0.04	*C65*
Ureter	76	0.1	0.7	**0.5**	0.01	0.05	42	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	3698	6.7	34.6	**23.4**	0.93	2.68	1117	2.2	10.4	**5.8**	0.25	0.68	*C67*
Other urinary organs	52	0.1	0.5	**0.3**	0.01	0.03	16	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	93	0.2	0.9	**0.7**	0.04	0.07	94	0.2	0.9	**0.7**	0.05	0.07	*C69*
Brain, nervous system	898	1.6	8.4	**7.1**	0.46	0.68	709	1.4	6.6	**5.3**	0.33	0.49	*C70-72*
Thyroid	598	1.1	5.6	**4.4**	0.33	0.48	1855	3.6	17.2	**13.6**	1.08	1.30	*C73*
Adrenal gland	28	0.1	0.3	**0.3**	0.02	0.02	34	0.1	0.3	**0.3**	0.02	0.03	*C74*
Other endocrine	17	0.0	0.2	**0.2**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	382	0.7	3.6	**3.2**	0.21	0.27	292	0.6	2.7	**2.4**	0.17	0.20	*C81*
Non-Hodgkin lymphoma	2739	5.0	25.6	**18.5**	1.01	2.05	2220	4.3	20.6	**12.9**	0.73	1.45	*C82-85,C96*
Immunoproliferative diseases	69	0.1	0.6	**0.4**	0.02	0.04	61	0.1	0.6	**0.3**	0.02	0.03	*C88*
Multiple myeloma	733	1.3	6.9	**4.8**	0.22	0.58	534	1.0	5.0	**2.9**	0.14	0.37	*C90*
Lymphoid leukaemia	1050	1.9	9.8	**7.8**	0.37	0.78	712	1.4	6.6	**4.9**	0.24	0.47	*C91*
Myeloid leukaemia	688	1.2	6.4	**4.7**	0.23	0.45	560	1.1	5.2	**3.3**	0.17	0.34	*C92-94*
Leukaemia unspecified	36	0.1	0.3	**0.2**	0.01	0.03	39	0.1	0.4	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	420	0.8	3.9	**2.8**	0.14	0.33	433	0.8	4.0	**2.4**	0.12	0.26	*MPD*
Myelodysplastic syndromes	790	1.4	7.4	**4.5**	0.12	0.42	605	1.2	5.6	**2.8**	0.09	0.29	*MDS*
Other and unspecified	855	1.5	8.0	**5.5**	0.27	0.60	1000	1.9	9.3	**5.1**	0.23	0.58	*O&U*
All sites	55461		518.7	**378.5**	19.38	45.56	51672		479.2	**310.5**	19.04	35.34	*C00-96*
All sites except C44	55268	100.0	516.9	**377.2**	19.32	45.42	51487	100.0	477.5	**309.4**	18.97	35.24	*C00-96 exc. C44*

USA, West Virginia

REGISTRATION AREA

The West Virginia Cancer Registry (WVCR) covers the entire state of West Virginia, the population of which is 94% White and 1.2% Hispanic. Compared with national averages, West Virginians have lower educational attainment (81.6% of residents aged 25 years or older have a high school education or higher, vs the national average of 84.6%), a lower per capita income (US$ 20 891 vs US$ 27 041), and a higher median age (41.3 years vs 37.2 years). West Virginia is a rural state, with only 46.1% of the population living in urban areas.

CANCER CARE FACILITIES

As of October 2011, 51 of West Virginia's 55 counties were classified by the United States Department of Health and Human Services as medically underserved or as having medically underserved populations. West Virginia has 52 hospitals, 12 of which have cancer programmes approved by the American College of Surgeons Commission on Cancer.

REGISTRY STRUCTURE AND METHODS

The WVCR is funded by the state of West Virginia and the United States Centers for Disease Control and Prevention's (CDC's) National Program of Cancer Registries (NPCR) and has 10 full-time staff members. The registry receives electronic reports from hospitals with cancer registries and provides abstracting services to other hospitals and physicians' offices. The WVCR also conducts linkages with death certificates and breast and cervical cancer screening programme data. Registry staff members perform computerized edits on all data and visual editing on at least 10% of cases from each reporter.

INTERPRETING THE RESULTS

West Virginia has higher levels of certain cancer risk factors (including tobacco use and obesity) than national averages. Screening rates for breast and cervical cancer are similar to national averages, as is the prostate-specific antigen (PSA) testing rate. Colonoscopy and sigmoidoscopy rates are lower than national averages.

USE OF THE DATA

The WVCR publishes an annual report on cancer incidence and mortality, conducts investigations of possible cancer clusters, performs analyses for special projects, promotes the use of WVCR data in planning and evaluation of cancer control activities, and provides de-identified data to approved researchers.

CONTRIBUTORS

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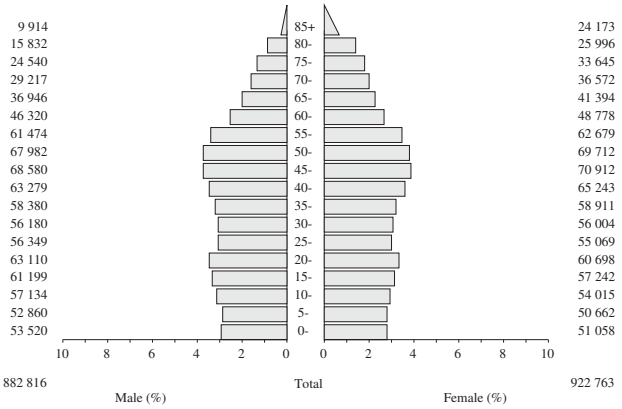
USA, West Virginia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	92.3	Breast	82.0
Trachea, bronchus and lung	73.6	Trachea, bronchus and lung	47.6
Colon	27.7	Corpus uteri	21.5
Bladder	23.8	Colon	21.4
Non-Hodgkin lymphoma	16.2	Non-Hodgkin lymphoma	11.7
Melanoma of skin	15.1	Melanoma of skin	11.5
Rectum	14.2	Thyroid	11.5
Kidney	13.8	Ovary	9.8
Pancreas	7.7	Rectum	8.4
Brain, nervous system	7.3	Kidney	8.0
All sites	383.1	All sites	306.0

USA, West Virginia (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	37	0.1	0.8	**0.5**	0.02	0.07	14	0.1	0.3	**0.1**	0.00	0.02	*C00*
Tongue	229	0.8	5.2	**3.4**	0.25	0.41	92	0.4	2.0	**1.3**	0.10	0.14	*C01-02*
Mouth	184	0.7	4.2	**2.7**	0.19	0.34	88	0.3	1.9	**0.9**	0.05	0.11	*C03-06*
Salivary glands	72	0.3	1.6	**1.0**	0.06	0.09	42	0.2	0.9	**0.6**	0.04	0.05	*C07-08*
Tonsil	156	0.6	3.5	**2.3**	0.21	0.25	48	0.2	1.0	**0.6**	0.04	0.07	*C09*
Other oropharynx	38	0.1	0.9	**0.6**	0.05	0.07	14	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	49	0.2	1.1	**0.8**	0.06	0.09	13	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	80	0.3	1.8	**1.1**	0.08	0.14	14	0.1	0.3	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	19	0.1	0.4	**0.3**	0.02	0.03	11	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	483	1.7	10.9	**6.7**	0.43	0.80	128	0.5	2.8	**1.3**	0.06	0.15	*C15*
Stomach	392	1.4	8.9	**5.0**	0.26	0.58	273	1.1	5.9	**2.9**	0.14	0.35	*C16*
Small intestine	101	0.4	2.3	**1.4**	0.08	0.17	97	0.4	2.1	**1.0**	0.06	0.10	*C17*
Colon	2175	7.7	49.3	**27.7**	1.32	3.24	2213	8.6	48.0	**21.4**	1.03	2.48	*C18*
Rectum	1053	3.7	23.9	**14.2**	0.80	1.71	746	2.9	16.2	**8.4**	0.50	0.99	*C19-20*
Anus	53	0.2	1.2	**0.8**	0.05	0.10	117	0.5	2.5	**1.5**	0.12	0.16	*C21*
Liver	322	1.1	7.3	**4.4**	0.27	0.52	185	0.7	4.0	**1.8**	0.10	0.18	*C22*
Gallbladder etc.	118	0.4	2.7	**1.5**	0.07	0.19	183	0.7	4.0	**1.7**	0.08	0.21	*C23-24*
Pancreas	605	2.1	13.7	**7.7**	0.40	0.89	556	2.2	12.1	**5.4**	0.27	0.63	*C25*
Nose, sinuses etc.	46	0.2	1.0	**0.7**	0.05	0.07	40	0.2	0.9	**0.5**	0.03	0.06	*C30-31*
Larynx	447	1.6	10.1	**6.4**	0.42	0.80	135	0.5	2.9	**1.8**	0.13	0.22	*C32*
Trachea, bronchus and lung	5691	20.2	128.9	**73.6**	3.54	9.33	4376	17.1	94.8	**47.6**	2.49	6.21	*C33-34*
Other thoracic organs	21	0.1	0.5	**0.3**	0.02	0.03	11	0.0	0.2	**0.2**	0.01	0.02	*C37-38*
Bone	59	0.2	1.3	**1.1**	0.07	0.10	50	0.2	1.1	**0.9**	0.05	0.08	*C40-41*
Melanoma of skin	1030	3.6	23.3	**15.1**	1.00	1.70	786	3.1	17.0	**11.5**	0.81	1.19	*C43*
Other skin	70		1.6	**0.9**	0.05	0.08	56		1.2	**0.7**	0.04	0.07	*C44*
Mesothelioma	143	0.5	3.2	**1.8**	0.07	0.22	31	0.1	0.7	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	10	0.0	0.2	**0.2**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	168	0.6	3.8	**2.7**	0.16	0.27	160	0.6	3.5	**2.4**	0.13	0.21	*C47+C49*
Breast	71	0.3	1.6	**0.9**	0.05	0.11	6528	25.5	141.5	**82.0**	5.87	9.44	*C50*
Vulva							167	0.7	3.6	**1.9**	0.12	0.21	*C51*
Vagina							47	0.2	1.0	**0.5**	0.03	0.05	*C52*
Cervix uteri							469	1.8	10.2	**7.7**	0.62	0.74	*C53*
Corpus uteri							1637	6.4	35.5	**21.5**	1.67	2.51	*C54*
Uterus unspecified							48	0.2	1.0	**0.5**	0.03	0.05	*C55*
Ovary							786	3.1	17.0	**9.8**	0.68	1.09	*C56*
Other female genital organs							26	0.1	0.6	**0.4**	0.03	0.04	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	53	0.2	1.2	**0.7**	0.05	0.09							*C60*
Prostate	7003	24.8	158.7	**92.3**	4.50	12.29							*C61*
Testis	234	0.8	5.3	**5.2**	0.39	0.40							*C62*
Other male genital organs	8	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	963	3.4	21.8	**13.8**	0.87	1.61	648	2.5	14.0	**8.0**	0.49	0.98	*C64*
Renal pelvis	52	0.2	1.2	**0.6**	0.02	0.06	34	0.1	0.7	**0.3**	0.01	0.03	*C65*
Ureter	40	0.1	0.9	**0.5**	0.03	0.06	24	0.1	0.5	**0.2**	0.01	0.01	*C66*
Bladder	1896	6.7	43.0	**23.8**	1.06	2.86	682	2.7	14.8	**6.6**	0.31	0.78	*C67*
Other urinary organs	13	0.0	0.3	**0.2**	0.01	0.02	8	0.0	0.2	**0.1**	0.00	0.00	*C68*
Eye	61	0.2	1.4	**1.1**	0.06	0.11	54	0.2	1.2	**0.8**	0.05	0.07	*C69*
Brain, nervous system	418	1.5	9.5	**7.3**	0.46	0.70	368	1.4	8.0	**5.5**	0.37	0.54	*C70-72*
Thyroid	245	0.9	5.6	**4.0**	0.28	0.45	702	2.7	15.2	**11.5**	0.92	1.11	*C73*
Adrenal gland	22	0.1	0.5	**0.6**	0.03	0.04	18	0.1	0.4	**0.3**	0.01	0.03	*C74*
Other endocrine	10	0.0	0.2	**0.2**	0.01	0.02	4	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	124	0.4	2.8	**2.5**	0.17	0.20	113	0.4	2.4	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	1161	4.1	26.3	**16.2**	0.93	1.85	1035	4.0	22.4	**11.7**	0.68	1.39	*C82-85,C96*
Immunoproliferative diseases	17	0.1	0.4	**0.3**	0.01	0.04	9	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	322	1.1	7.3	**4.2**	0.22	0.50	303	1.2	6.6	**3.0**	0.16	0.36	*C90*
Lymphoid leukaemia	443	1.6	10.0	**6.6**	0.32	0.71	286	1.1	6.2	**3.8**	0.19	0.36	*C91*
Myeloid leukaemia	352	1.2	8.0	**5.2**	0.30	0.52	289	1.1	6.3	**3.6**	0.23	0.36	*C92-94*
Leukaemia unspecified	44	0.2	1.0	**0.5**	0.02	0.05	32	0.1	0.7	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	121	0.4	2.7	**1.7**	0.10	0.17	103	0.4	2.2	**1.0**	0.06	0.12	*MPD*
Myelodysplastic syndromes	233	0.8	5.3	**2.7**	0.08	0.25	224	0.9	4.9	**2.1**	0.09	0.23	*MDS*
Other and unspecified	556	2.0	12.6	**7.1**	0.36	0.76	565	2.2	12.2	**5.4**	0.27	0.59	*O&U*
All sites	28313		641.4	**383.1**	20.33	46.18	25690		556.8	**306.0**	19.40	35.14	*C00-96*
All sites except C44	28243	100.0	639.8	**382.2**	20.28	46.10	25634	100.0	555.6	**305.3**	19.36	35.06	*C00-96 exc. C44*

USA, Wisconsin

REGISTRATION AREA

The Wisconsin Cancer Reporting System (WCRS) covers the state of Wisconsin, which had a population of 5.7 million at the 2010 census. Approximately 89% of residents are White, 6% are African-American, 1% are American Indian or Alaska Native, 2% are Asian or Pacific Islander, and 6% of residents are of Hispanic origin. The poverty rate is 12.5%, and about one third of residents live in rural areas.

CANCER CARE FACILITIES

Wisconsin has 130 hospitals, 235 clinics (including radiation therapy centres, health maintenance organization outpatient clinics, and private physician offices), and four pathology laboratories. Residents living near state borders may cross into other states for cancer diagnoses and care.

REGISTRY STRUCTURE AND METHODS

The WCRS is located within the Wisconsin Division of Public Health. It is funded by general purpose revenue funds (25%) and the United States Centers for Disease Control and Prevention (CDC) through the National Program of Cancer Registries (NPCR) (75%). The registry has seven full-time employees. It passively collects data from state sources and out-of-state hospitals along the state borders. The WCRS has data exchange agreements with 20 other state central cancer registries and conducts annual links with Wisconsin death records and the National Death Index. Annual follow-up is conducted on death-certificate-only (DCO) cases. Cancer is a reportable disease in Wisconsin. Submitted data are processed using a combination of NPCR-required and NPCR-recommended edits and Wisconsin-specific edits. The WCRS has achieved NAACCR Silver or Gold certification for 13 of the past 15 years and received the 2013 Registry of Excellence award from the NPCR.

INTERPRETING THE RESULTS

The Wisconsin Well Woman Program is a health screening programme for uninsured and underinsured women aged 45 years or more. The programme removes financial barriers that can prevent many women from being screened for breast and cervical cancer.

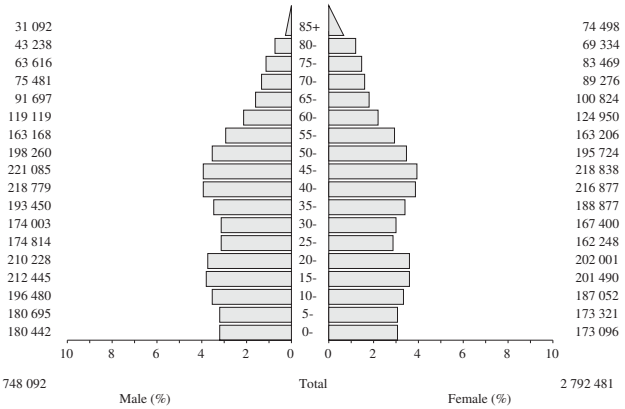
USE OF THE DATA

The WCRS provides state and county data by cancer site, sex, race/ethnicity, and stage of disease on its public-use data query webpage (http://www.dhs.wisconsin.gov/wish/cancer/). The registry partners with the American Cancer Society to produce the biannual *Wisconsin Cancer Facts & Figures* report. Upon request, WCRS data are also provided to external researchers who meet statutory requirements, and have been included in numerous specialized studies of cancer incidence and mortality, as well as health services studies. WCRS data are published in the NAACCR report *Cancer in North America* and the CDC publication *United States Cancer Statistics*.

CONTRIBUTORS

Laura Stephenson
Mary Foote

USA, Wisconsin (2003-2007)
Average annual person-years by sex and age group

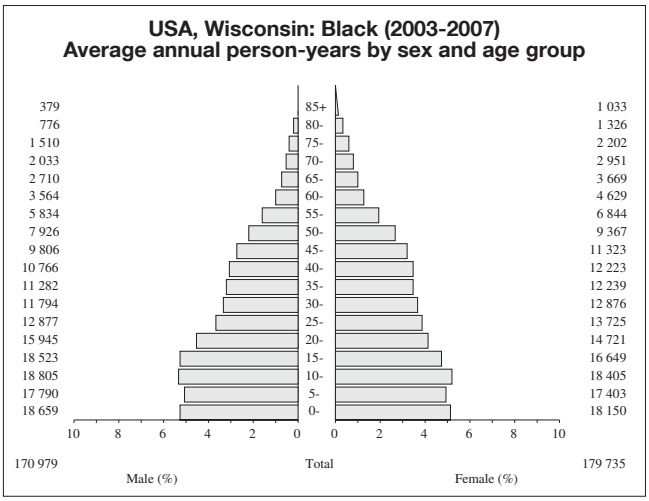


SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

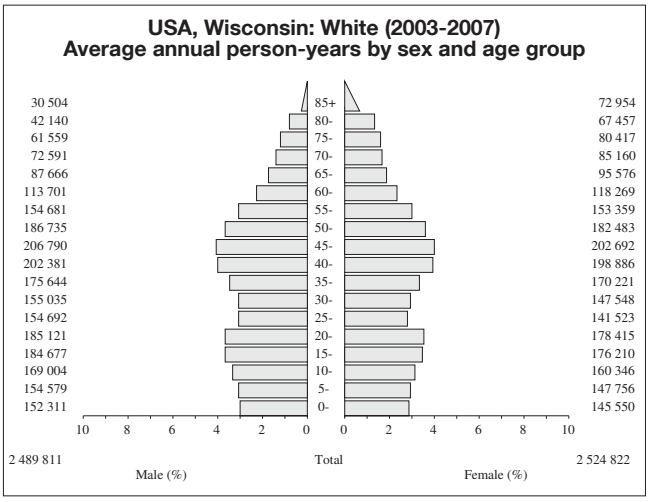
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	106.7	Breast	87.5
Trachea, bronchus and lung	48.6	Trachea, bronchus and lung	35.6
Colon	22.4	Corpus uteri	19.5
Bladder	21.6	Colon	18.1
Non-Hodgkin lymphoma	17.3	Non-Hodgkin lymphoma	12.7
Kidney	13.9	Ovary	11.8
Melanoma of skin	13.5	Thyroid	11.0
Rectum	10.5	Melanoma of skin	11.0
Pancreas	8.3	Kidney	7.3
Lymphoid leukaemia	8.2	Rectum	6.2
All sites	364.1	All sites	293.9



USA, WISCONSIN: BLACK
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	178.2	Breast	79.2
Trachea, bronchus and lung	89.5	Trachea, bronchus and lung	44.4
Colon	32.8	Colon	25.6
Kidney	17.2	Corpus uteri	15.0
Liver	13.2	Cervix uteri	10.0
Pancreas	12.5	Other and unspecified	9.8
Stomach	11.6	Ovary	9.6
Larynx	11.2	Non-Hodgkin lymphoma	9.1
Multiple myeloma	10.7	Pancreas	8.9
Non-Hodgkin lymphoma	10.7	Rectum	8.6
All sites	486.6	All sites	298.3



USA, WISCONSIN: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	102.7	Breast	87.7
Trachea, bronchus and lung	46.3	Trachea, bronchus and lung	34.6
Bladder	21.9	Corpus uteri	19.6
Colon	21.8	Colon	17.5
Non-Hodgkin lymphoma	17.4	Non-Hodgkin lymphoma	12.7
Melanoma of skin	14.0	Ovary	12.0
Kidney	13.5	Melanoma of skin	11.6
Rectum	10.3	Thyroid	11.3
Lymphoid leukaemia	8.3	Kidney	7.2
Pancreas	8.0	Bladder	6.1
All sites	354.7	All sites	291.3

USA, Wisconsin (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	144	0.2	1.0	**0.7**	0.03	0.08	43	0.1	0.3	**0.2**	0.00	0.02	*C00*
Tongue	619	0.9	4.5	**3.3**	0.24	0.40	259	0.4	1.9	**1.2**	0.09	0.14	*C01-02*
Mouth	378	0.5	2.8	**2.0**	0.12	0.26	322	0.5	2.3	**1.4**	0.08	0.15	*C03-06*
Salivary glands	190	0.3	1.4	**1.0**	0.06	0.10	146	0.2	1.0	**0.7**	0.05	0.07	*C07-08*
Tonsil	329	0.5	2.4	**1.8**	0.15	0.20	100	0.1	0.7	**0.5**	0.03	0.06	*C09*
Other oropharynx	133	0.2	1.0	**0.7**	0.06	0.09	53	0.1	0.4	**0.2**	0.02	0.03	*C10*
Nasopharynx	91	0.1	0.7	**0.5**	0.04	0.05	32	0.0	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	220	0.3	1.6	**1.1**	0.07	0.14	64	0.1	0.5	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	33	0.0	0.2	**0.2**	0.01	0.03	12	0.0	0.1	**0.0**	0.00	0.01	*C14*
Oesophagus	1345	1.9	9.8	**6.6**	0.38	0.83	381	0.6	2.7	**1.5**	0.07	0.19	*C15*
Stomach	1102	1.5	8.0	**5.2**	0.26	0.61	668	1.0	4.8	**2.5**	0.12	0.27	*C16*
Small intestine	311	0.4	2.3	**1.6**	0.08	0.19	293	0.4	2.1	**1.3**	0.08	0.15	*C17*
Colon	4848	6.7	35.3	**22.4**	1.00	2.57	5342	8.0	38.3	**18.1**	0.77	2.03	*C18*
Rectum	2145	3.0	15.6	**10.5**	0.58	1.24	1532	2.3	11.0	**6.2**	0.34	0.71	*C19-20*
Anus	128	0.2	0.9	**0.6**	0.05	0.07	248	0.4	1.8	**1.1**	0.08	0.12	*C21*
Liver	1067	1.5	7.8	**5.3**	0.32	0.65	514	0.8	3.7	**2.0**	0.11	0.23	*C22*
Gallbladder etc.	334	0.5	2.4	**1.5**	0.07	0.17	440	0.7	3.2	**1.5**	0.06	0.17	*C23-24*
Pancreas	1747	2.4	12.7	**8.3**	0.40	1.03	1696	2.5	12.1	**6.1**	0.29	0.73	*C25*
Nose, sinuses etc.	121	0.2	0.9	**0.7**	0.04	0.07	71	0.1	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	918	1.3	6.7	**4.6**	0.26	0.59	215	0.3	1.5	**1.0**	0.07	0.14	*C32*
Trachea, bronchus and lung	10184	14.0	74.1	**48.6**	2.18	6.16	8548	12.8	61.2	**35.6**	1.80	4.67	*C33-34*
Other thoracic organs	72	0.1	0.5	**0.4**	0.03	0.04	45	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	162	0.2	1.2	**1.1**	0.07	0.08	134	0.2	1.0	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	2614	3.6	19.0	**13.5**	0.87	1.50	2104	3.1	15.1	**11.0**	0.79	1.11	*C43*
Other skin	183		1.3	**0.9**	0.04	0.09	140		1.0	**0.6**	0.04	0.07	*C44*
Mesothelioma	306	0.4	2.2	**1.4**	0.04	0.17	101	0.2	0.7	**0.4**	0.01	0.04	*C45*
Kaposi sarcoma	29	0.0	0.2	**0.2**	0.01	0.01	3	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	479	0.7	3.5	**2.6**	0.15	0.24	437	0.7	3.1	**2.2**	0.14	0.22	*C47+C49*
Breast	235	0.3	1.7	**1.2**	0.06	0.14	19046	28.4	136.4	**87.5**	6.04	10.19	*C50*
Vulva							380	0.6	2.7	**1.4**	0.06	0.15	*C51*
Vagina							81	0.1	0.6	**0.3**	0.02	0.04	*C52*
Cervix uteri							905	1.4	6.5	**5.1**	0.40	0.49	*C53*
Corpus uteri							4084	6.1	29.2	**19.5**	1.46	2.39	*C54*
Uterus unspecified							203	0.3	1.5	**0.9**	0.06	0.10	*C55*
Ovary							2582	3.9	18.5	**11.8**	0.80	1.34	*C56*
Other female genital organs							89	0.1	0.6	**0.4**	0.02	0.05	*C57*
Placenta							12	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	104	0.1	0.8	**0.5**	0.02	0.06							*C60*
Prostate	20800	28.6	151.4	**106.7**	5.73	14.51							*C61*
Testis	951	1.3	6.9	**6.6**	0.48	0.50							*C62*
Other male genital organs	34	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	2698	3.7	19.6	**13.9**	0.85	1.67	1614	2.4	11.6	**7.3**	0.43	0.86	*C64*
Renal pelvis	142	0.2	1.0	**0.7**	0.03	0.08	104	0.2	0.7	**0.3**	0.01	0.04	*C65*
Ureter	99	0.1	0.7	**0.4**	0.02	0.05	90	0.1	0.6	**0.3**	0.01	0.04	*C66*
Bladder	4825	6.6	35.1	**21.6**	0.84	2.50	1709	2.5	12.2	**6.1**	0.28	0.72	*C67*
Other urinary organs	33	0.0	0.2	**0.2**	0.01	0.02	17	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	140	0.2	1.0	**0.8**	0.05	0.08	116	0.2	0.8	**0.6**	0.04	0.06	*C69*
Brain, nervous system	1188	1.6	8.6	**7.1**	0.44	0.70	976	1.5	7.0	**5.4**	0.34	0.52	*C70-72*
Thyroid	632	0.9	4.6	**3.6**	0.25	0.39	1875	2.8	13.4	**11.0**	0.85	1.02	*C73*
Adrenal gland	50	0.1	0.4	**0.4**	0.02	0.03	51	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	26	0.0	0.2	**0.2**	0.01	0.01	18	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	556	0.8	4.0	**3.5**	0.24	0.30	497	0.7	3.6	**3.3**	0.22	0.26	*C81*
Non-Hodgkin lymphoma	3510	4.8	25.5	**17.3**	0.95	1.91	3132	4.7	22.4	**12.7**	0.70	1.45	*C82-85,C96*
Immunoproliferative diseases	68	0.1	0.5	**0.3**	0.01	0.04	47	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	1059	1.5	7.7	**5.0**	0.23	0.61	833	1.2	6.0	**3.2**	0.17	0.41	*C90*
Lymphoid leukaemia	1512	2.1	11.0	**8.2**	0.40	0.82	960	1.4	6.9	**4.9**	0.26	0.44	*C91*
Myeloid leukaemia	1148	1.6	8.4	**5.9**	0.29	0.64	906	1.4	6.5	**4.2**	0.24	0.42	*C92-94*
Leukaemia unspecified	179	0.2	1.3	**0.8**	0.03	0.07	148	0.2	1.1	**0.4**	0.01	0.04	*C95*
Myeloproliferative disorders	458	0.6	3.3	**2.2**	0.11	0.25	476	0.7	3.4	**1.7**	0.07	0.19	*MPD*
Myelodysplastic syndromes	823	1.1	6.0	**3.5**	0.09	0.39	569	0.8	4.1	**1.8**	0.06	0.19	*MDS*
Other and unspecified	1379	1.9	10.0	**6.3**	0.29	0.68	1700	2.5	12.2	**6.0**	0.29	0.67	*O&U*
All sites	72881		530.4	**364.1**	19.03	44.12	67163		481.0	**293.9**	18.06	33.69	*C00-96*
All sites except C44	72698	100.0	529.1	**363.2**	18.99	44.03	67023	100.0	480.0	**293.2**	18.02	33.62	*C00-96 exc. C44*

USA, Wisconsin: Black (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	26	0.9	3.0	**3.9**	0.23	0.50	7	0.3	0.8	**0.8**	0.06	0.09	*C01-02*
Mouth	20	0.7	2.3	**3.2**	0.22	0.41	11	0.4	1.2	**1.4**	0.06	0.14	*C03-06*
Salivary glands	5	0.2	0.6	**0.6**	0.06	0.06	6	0.2	0.7	**0.8**	0.07	0.09	*C07-08*
Tonsil	11	0.4	1.3	**1.6**	0.10	0.18	7	0.3	0.8	**0.7**	0.05	0.05	*C09*
Other oropharynx	12	0.4	1.4	**1.8**	0.16	0.24	4	0.2	0.4	**0.4**	0.03	0.03	*C10*
Nasopharynx	4	0.1	0.5	**0.6**	0.06	0.06	1	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	12	0.4	1.4	**1.9**	0.14	0.29	2	0.1	0.2	**0.3**	0.03	0.03	*C12-13*
Pharynx unspecified	5	0.2	0.6	**0.8**	0.08	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	57	2.0	6.7	**9.2**	0.59	1.08	22	0.9	2.4	**2.5**	0.19	0.28	*C15*
Stomach	67	2.3	7.8	**11.6**	0.55	1.53	48	1.9	5.3	**5.2**	0.21	0.51	*C16*
Small intestine	25	0.9	2.9	**4.3**	0.30	0.52	19	0.8	2.1	**2.3**	0.19	0.26	*C17*
Colon	199	6.8	23.3	**32.8**	1.80	3.86	216	8.7	24.0	**25.6**	1.50	2.91	*C18*
Rectum	63	2.2	7.4	**9.7**	0.55	1.22	74	3.0	8.2	**8.6**	0.48	1.03	*C19-20*
Anus	11	0.4	1.3	**1.4**	0.15	0.15	14	0.6	1.6	**1.5**	0.09	0.15	*C21*
Liver	88	3.0	10.3	**13.2**	1.12	1.56	22	0.9	2.4	**2.4**	0.20	0.20	*C22*
Gallbladder etc.	16	0.5	1.9	**2.5**	0.15	0.27	15	0.6	1.7	**1.6**	0.11	0.17	*C23-24*
Pancreas	74	2.5	8.7	**12.5**	0.73	1.53	70	2.8	7.8	**8.9**	0.54	1.19	*C25*
Nose, sinuses etc.	5	0.2	0.6	**1.0**	0.04	0.16	2	0.1	0.2	**0.2**	0.01	0.01	*C30-31*
Larynx	63	2.2	7.4	**11.2**	0.62	1.57	14	0.6	1.6	**1.8**	0.18	0.20	*C32*
Trachea, bronchus and lung	528	18.1	61.8	**89.5**	4.88	11.68	361	14.5	40.2	**44.4**	2.61	5.64	*C33-34*
Other thoracic organs	5	0.2	0.6	**0.8**	0.02	0.09	4	0.2	0.4	**0.5**	0.02	0.08	*C37-38*
Bone	6	0.2	0.7	**0.7**	0.05	0.05	12	0.5	1.3	**1.3**	0.11	0.11	*C40-41*
Melanoma of skin	3	0.1	0.4	**0.5**	0.04	0.07	11	0.4	1.2	**1.2**	0.05	0.12	*C43*
Other skin	8		0.9	**1.3**	0.09	0.13	7		0.8	**0.7**	0.05	0.05	*C44*
Mesothelioma	3	0.1	0.4	**0.6**	0.05	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	6	0.2	0.7	**0.7**	0.06	0.06	1	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	16	0.5	1.9	**1.9**	0.12	0.16	35	1.4	3.9	**4.1**	0.21	0.40	*C47+C49*
Breast	13	0.4	1.5	**2.0**	0.08	0.29	672	27.0	74.8	**79.2**	5.89	8.84	*C50*
Vulva							12	0.5	1.3	**1.4**	0.07	0.14	*C51*
Vagina							7	0.3	0.8	**0.7**	0.05	0.08	*C52*
Cervix uteri							89	3.6	9.9	**10.0**	0.69	1.05	*C53*
Corpus uteri							115	4.6	12.8	**15.0**	0.98	1.87	*C54*
Uterus unspecified							10	0.4	1.1	**1.3**	0.07	0.16	*C55*
Ovary							81	3.2	9.0	**9.6**	0.63	1.02	*C56*
Other female genital organs							2	0.1	0.2	**0.2**	0.00	0.03	*C57*
Placenta							2	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	3	0.1	0.4	**0.4**	0.02	0.07							*C60*
Prostate	1016	34.8	118.8	**178.2**	10.76	24.07							*C61*
Testis	10	0.3	1.2	**1.2**	0.08	0.11							*C62*
Other male genital organs	1	0.0	0.1	**0.2**	0.00	0.05							*C63*
Kidney	111	3.8	13.0	**17.2**	1.24	2.06	69	2.8	7.7	**8.5**	0.54	1.01	*C64*
Renal pelvis	3	0.1	0.4	**0.4**	0.04	0.04	2	0.1	0.2	**0.2**	0.01	0.01	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.2	**0.3**	0.00	0.06	*C66*
Bladder	55	1.9	6.4	**9.1**	0.41	1.14	30	1.2	3.3	**3.8**	0.20	0.48	*C67*
Other urinary organs	3	0.1	0.4	**0.5**	0.05	0.05	4	0.2	0.4	**0.5**	0.04	0.08	*C68*
Eye	4	0.1	0.5	**0.5**	0.03	0.03	3	0.1	0.3	**0.3**	0.04	0.04	*C69*
Brain, nervous system	25	0.9	2.9	**3.4**	0.17	0.34	28	1.1	3.1	**3.2**	0.21	0.30	*C70-72*
Thyroid	13	0.4	1.5	**1.9**	0.12	0.26	59	2.4	6.6	**6.5**	0.48	0.70	*C73*
Adrenal gland	4	0.1	0.5	**0.6**	0.03	0.08	4	0.2	0.4	**0.5**	0.02	0.04	*C74*
Other endocrine	3	0.1	0.4	**0.3**	0.02	0.02	3	0.1	0.3	**0.3**	0.02	0.02	*C75*
Hodgkin lymphoma	29	1.0	3.4	**3.6**	0.27	0.35	18	0.7	2.0	**1.9**	0.12	0.15	*C81*
Non-Hodgkin lymphoma	73	2.5	8.5	**10.7**	0.77	1.18	74	3.0	8.2	**9.1**	0.59	1.17	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.1**	0.02	0.02	1	0.0	0.1	**0.2**	0.02	0.02	*C88*
Multiple myeloma	63	2.2	7.4	**10.7**	0.59	1.49	55	2.2	6.1	**6.6**	0.33	0.81	*C90*
Lymphoid leukaemia	37	1.3	4.3	**6.0**	0.30	0.72	29	1.2	3.2	**3.5**	0.19	0.34	*C91*
Myeloid leukaemia	35	1.2	4.1	**5.2**	0.23	0.46	35	1.4	3.9	**3.9**	0.29	0.29	*C92-94*
Leukaemia unspecified	8	0.3	0.9	**1.4**	0.05	0.10	5	0.2	0.6	**0.8**	0.00	0.14	*C95*
Myeloproliferative disorders	12	0.4	1.4	**1.8**	0.15	0.25	14	0.6	1.6	**2.0**	0.12	0.29	*MPD*
Myelodysplastic syndromes	9	0.3	1.1	**1.2**	0.08	0.08	9	0.4	1.0	**1.0**	0.06	0.10	*MDS*
Other and unspecified	60	2.1	7.0	**10.0**	0.52	1.31	81	3.2	9.0	**9.8**	0.44	1.16	*O&U*
All sites	2929		342.6	**486.6**	28.99	62.18	2500		278.2	**298.3**	19.18	34.18	*C00-96*
All sites except C44	2921	100.0	341.7	**485.3**	28.90	62.05	2493	100.0	277.4	**297.5**	19.13	34.12	*C00-96 exc. C44*

USA, Wisconsin: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	138	0.2	1.1	**0.7**	0.03	0.08	40	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	574	0.8	4.6	**3.2**	0.24	0.40	249	0.4	2.0	**1.2**	0.09	0.15	*C01-02*
Mouth	345	0.5	2.8	**1.9**	0.12	0.25	305	0.5	2.4	**1.4**	0.08	0.16	*C03-06*
Salivary glands	179	0.3	1.4	**1.0**	0.06	0.10	134	0.2	1.1	**0.7**	0.05	0.07	*C07-08*
Tonsil	312	0.5	2.5	**1.8**	0.15	0.20	93	0.1	0.7	**0.5**	0.03	0.06	*C09*
Other oropharynx	120	0.2	1.0	**0.7**	0.05	0.08	49	0.1	0.4	**0.2**	0.01	0.03	*C10*
Nasopharynx	76	0.1	0.6	**0.4**	0.04	0.05	22	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	202	0.3	1.6	**1.1**	0.07	0.13	59	0.1	0.5	**0.3**	0.01	0.03	*C12-13*
Pharynx unspecified	26	0.0	0.2	**0.2**	0.01	0.02	12	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	1244	1.8	10.0	**6.4**	0.36	0.81	346	0.6	2.7	**1.4**	0.06	0.19	*C15*
Stomach	997	1.5	8.0	**4.9**	0.24	0.57	591	0.9	4.7	**2.3**	0.11	0.25	*C16*
Small intestine	283	0.4	2.3	**1.5**	0.08	0.18	267	0.4	2.1	**1.2**	0.08	0.15	*C17*
Colon	4534	6.7	36.4	**21.8**	0.95	2.50	5003	8.0	39.6	**17.5**	0.73	1.97	*C18*
Rectum	2016	3.0	16.2	**10.3**	0.57	1.22	1420	2.3	11.2	**6.0**	0.33	0.69	*C19-20*
Anus	113	0.2	0.9	**0.6**	0.04	0.06	228	0.4	1.8	**1.1**	0.08	0.12	*C21*
Liver	895	1.3	7.2	**4.6**	0.26	0.57	454	0.7	3.6	**1.9**	0.09	0.22	*C22*
Gallbladder etc.	304	0.4	2.4	**1.4**	0.06	0.16	407	0.6	3.2	**1.4**	0.06	0.16	*C23-24*
Pancreas	1608	2.4	12.9	**8.0**	0.38	0.99	1569	2.5	12.4	**5.9**	0.28	0.70	*C25*
Nose, sinuses etc.	113	0.2	0.9	**0.7**	0.04	0.07	69	0.1	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	839	1.2	6.7	**4.4**	0.25	0.56	197	0.3	1.6	**1.0**	0.07	0.13	*C32*
Trachea, bronchus and lung	9341	13.8	75.0	**46.3**	2.04	5.87	7915	12.6	62.7	**34.6**	1.74	4.55	*C33-34*
Other thoracic organs	63	0.1	0.5	**0.4**	0.03	0.03	39	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	149	0.2	1.2	**1.1**	0.07	0.08	111	0.2	0.9	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	2567	3.8	20.6	**14.0**	0.91	1.55	2062	3.3	16.3	**11.6**	0.84	1.17	*C43*
Other skin	171		1.4	**0.9**	0.04	0.09	130		1.0	**0.6**	0.04	0.07	*C44*
Mesothelioma	301	0.4	2.4	**1.4**	0.04	0.18	101	0.2	0.8	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	21	0.0	0.2	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	457	0.7	3.7	**2.7**	0.15	0.24	385	0.6	3.0	**2.0**	0.13	0.21	*C47+C49*
Breast	216	0.3	1.7	**1.1**	0.06	0.13	18020	28.7	142.7	**87.7**	6.04	10.23	*C50*
Vulva							358	0.6	2.8	**1.3**	0.06	0.15	*C51*
Vagina							73	0.1	0.6	**0.3**	0.02	0.04	*C52*
Cervix uteri							761	1.2	6.0	**4.6**	0.37	0.45	*C53*
Corpus uteri							3873	6.2	30.7	**19.6**	1.48	2.40	*C54*
Uterus unspecified							179	0.3	1.4	**0.8**	0.06	0.09	*C55*
Ovary							2448	3.9	19.4	**12.0**	0.81	1.36	*C56*
Other female genital organs							83	0.1	0.7	**0.4**	0.02	0.05	*C57*
Placenta							8	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	97	0.1	0.8	**0.5**	0.02	0.06							*C60*
Prostate	19174	28.4	154.0	**102.7**	5.47	14.00							*C61*
Testis	917	1.4	7.4	**7.0**	0.51	0.53							*C62*
Other male genital organs	31	0.0	0.2	**0.1**	0.00	0.01							*C63*
Kidney	2506	3.7	20.1	**13.5**	0.81	1.64	1496	2.4	11.9	**7.2**	0.42	0.85	*C64*
Renal pelvis	138	0.2	1.1	**0.7**	0.03	0.09	101	0.2	0.8	**0.3**	0.01	0.04	*C65*
Ureter	97	0.1	0.8	**0.5**	0.02	0.05	86	0.1	0.7	**0.3**	0.01	0.04	*C66*
Bladder	4690	6.9	37.7	**21.9**	0.85	2.54	1645	2.6	13.0	**6.1**	0.28	0.72	*C67*
Other urinary organs	30	0.0	0.2	**0.1**	0.00	0.02	12	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	133	0.2	1.1	**0.8**	0.05	0.08	110	0.2	0.9	**0.6**	0.04	0.06	*C69*
Brain, nervous system	1116	1.7	9.0	**7.1**	0.44	0.70	905	1.4	7.2	**5.4**	0.34	0.52	*C70-72*
Thyroid	600	0.9	4.8	**3.6**	0.26	0.40	1763	2.8	14.0	**11.3**	0.87	1.04	*C73*
Adrenal gland	44	0.1	0.4	**0.4**	0.02	0.03	47	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	19	0.0	0.2	**0.1**	0.01	0.01	15	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	511	0.8	4.1	**3.6**	0.24	0.30	475	0.8	3.8	**3.5**	0.24	0.28	*C81*
Non-Hodgkin lymphoma	3347	5.0	26.9	**17.4**	0.95	1.92	2981	4.8	23.6	**12.7**	0.70	1.45	*C82-85,C96*
Immunoproliferative diseases	65	0.1	0.5	**0.3**	0.01	0.04	45	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	963	1.4	7.7	**4.7**	0.21	0.57	757	1.2	6.0	**3.1**	0.16	0.39	*C90*
Lymphoid leukaemia	1423	2.1	11.4	**8.3**	0.40	0.82	898	1.4	7.1	**4.9**	0.26	0.44	*C91*
Myeloid leukaemia	1065	1.6	8.6	**5.7**	0.28	0.62	831	1.3	6.6	**4.1**	0.23	0.42	*C92-94*
Leukaemia unspecified	146	0.2	1.2	**0.7**	0.03	0.07	136	0.2	1.1	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	429	0.6	3.4	**2.1**	0.11	0.25	447	0.7	3.5	**1.7**	0.07	0.19	*MPD*
Myelodysplastic syndromes	775	1.1	6.2	**3.4**	0.09	0.39	522	0.8	4.1	**1.7**	0.06	0.19	*MDS*
Other and unspecified	1256	1.9	10.1	**5.9**	0.27	0.65	1539	2.5	12.2	**5.7**	0.27	0.63	*O&U*
All sites	67776		544.4	**354.7**	18.41	42.96	62872		498.0	**291.3**	17.90	33.41	*C00-96*
All sites except C44	67605	100.0	543.1	**353.8**	18.37	42.87	62742	100.0	497.0	**290.7**	17.86	33.35	*C00-96 exc. C44*

USA, Wyoming

REGISTRATION AREA

The Wyoming Cancer Surveillance Program (WCSP) is a statewide population-based cancer registry that covers the population of the state of Wyoming, which is estimated at 564 000. Almost the entire state is considered to be rural/frontier, except Laramie and Natrona counties; 17 counties (home to 47% of the population) have fewer than six residents per square mile and are considered frontier. The population of Wyoming is 93% White. Native Americans are the next largest racial group, accounting for 2.6% of the population.

CANCER CARE FACILITIES

Health care facilities involved in the diagnosis and/or treatment of cancer patients include hospitals, radiation oncology centres, cancer centres, physicians' offices, and outpatient surgical centres.

REGISTRY STRUCTURE AND METHODS

The WCSP's mission is to maintain a nationally comparable population-based cancer incidence, follow-up, treatment, and mortality monitoring system that collects, analyses, and disseminates information on all new cancer cases in Wyoming. The WCSP has been in operation since 1966 and has collected cancer data on all cancer cases diagnosed or treated in Wyoming since 1962. The registry monitors cancer incidence through pathology reports and uniform reporting of information by health care providers in Wyoming. In 1977, a law was passed requiring reporting by all entities detecting, diagnosing, and treating cancer cases in Wyoming: Statute 35-1-240(b) and Public Law 102-515.

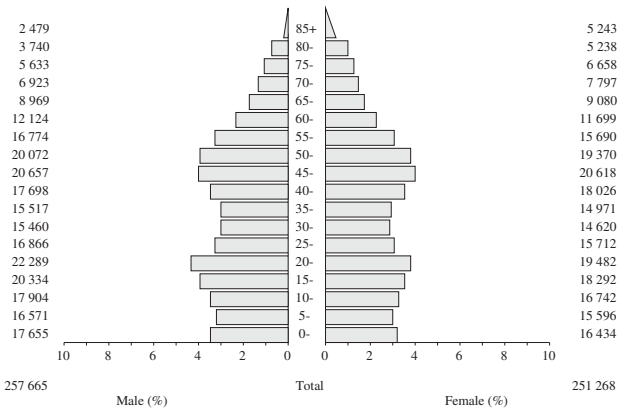
USE OF THE DATA

The WCSP produces an annual report on cancer in Wyoming. Registry data are also used for flyers and data briefs by the Wyoming Breast and Cervical Cancer Early Detection Program (WBCCEDP), the Wyoming Colorectal Cancer Screening Program (WCCSP), and the Wyoming Comprehensive Cancer Control Program (WCCCP).

CONTRIBUTORS

Julia Espinoza
Joe Grandpre

USA, Wyoming (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census carried out by the United States Census Bureau, including intercensal estimates and bridged single-race estimates derived from the original multiple-race categories.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	116.2	Breast	82.5
Trachea, bronchus and lung	38.6	Trachea, bronchus and lung	31.8
Bladder	24.2	Colon	19.2
Colon	21.6	Thyroid	17.2
Melanoma of skin	15.3	Corpus uteri	14.0
Non-Hodgkin lymphoma	14.8	Melanoma of skin	13.7
Kidney	12.7	Non-Hodgkin lymphoma	10.6
Rectum	10.0	Ovary	9.9
Pancreas	6.5	Rectum	7.1
Lymphoid leukaemia	6.1	Cervix uteri	7.0
All sites	344.3	All sites	275.3

USA, Wyoming (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	33	0.5	2.6	**1.5**	0.05	0.13	10	0.2	0.8	**0.5**	0.03	0.06	*C00*
Tongue	37	0.6	2.9	**1.9**	0.16	0.19	24	0.4	1.9	**1.3**	0.07	0.15	*C01-02*
Mouth	41	0.6	3.2	**2.3**	0.14	0.27	16	0.3	1.3	**0.7**	0.03	0.07	*C03-06*
Salivary glands	16	0.3	1.2	**0.7**	0.04	0.05	12	0.2	1.0	**0.6**	0.04	0.05	*C07-08*
Tonsil	36	0.6	2.8	**2.0**	0.17	0.22	10	0.2	0.8	**0.5**	0.03	0.06	*C09*
Other oropharynx	7	0.1	0.5	**0.3**	0.03	0.03	3	0.1	0.2	**0.2**	0.01	0.02	*C10*
Nasopharynx	2	0.0	0.2	**0.1**	0.00	0.02	8	0.1	0.6	**0.3**	0.01	0.03	*C11*
Hypopharynx	5	0.1	0.4	**0.3**	0.03	0.03	4	0.1	0.3	**0.2**	0.03	0.03	*C12-13*
Pharynx unspecified	3	0.0	0.2	**0.2**	0.01	0.03	3	0.1	0.2	**0.2**	0.00	0.03	*C14*
Oesophagus	116	1.8	9.0	**6.1**	0.25	0.80	22	0.4	1.8	**1.1**	0.06	0.16	*C15*
Stomach	83	1.3	6.4	**4.3**	0.22	0.51	53	1.0	4.2	**2.2**	0.13	0.23	*C16*
Small intestine	26	0.4	2.0	**1.3**	0.07	0.14	18	0.3	1.4	**1.0**	0.07	0.12	*C17*
Colon	427	6.7	33.1	**21.6**	0.95	2.48	422	7.9	33.6	**19.2**	0.82	2.40	*C18*
Rectum	187	2.9	14.5	**10.0**	0.63	1.16	146	2.7	11.6	**7.1**	0.44	0.77	*C19-20*
Anus	14	0.2	1.1	**0.7**	0.03	0.10	22	0.4	1.8	**1.1**	0.08	0.12	*C21*
Liver	74	1.2	5.7	**4.0**	0.25	0.49	38	0.7	3.0	**1.7**	0.07	0.18	*C22*
Gallbladder etc.	28	0.4	2.2	**1.4**	0.08	0.17	29	0.5	2.3	**1.1**	0.07	0.08	*C23-24*
Pancreas	131	2.0	10.2	**6.5**	0.32	0.80	133	2.5	10.6	**6.0**	0.26	0.78	*C25*
Nose, sinuses etc.	10	0.2	0.8	**0.6**	0.05	0.07	6	0.1	0.5	**0.4**	0.03	0.05	*C30-31*
Larynx	72	1.1	5.6	**3.9**	0.21	0.45	19	0.4	1.5	**0.9**	0.07	0.10	*C32*
Trachea, bronchus and lung	738	11.5	57.3	**38.6**	1.69	5.11	669	12.5	53.2	**31.8**	1.45	4.14	*C33-34*
Other thoracic organs	5	0.1	0.4	**0.3**	0.01	0.03	4	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	16	0.3	1.2	**1.2**	0.08	0.08	12	0.2	1.0	**0.9**	0.06	0.06	*C40-41*
Melanoma of skin	275	4.3	21.3	**15.3**	1.00	1.67	234	4.4	18.6	**13.7**	0.93	1.47	*C43*
Other skin	27		2.1	**1.5**	0.08	0.15	13		1.0	**0.5**	0.02	0.05	*C44*
Mesothelioma	36	0.6	2.8	**1.7**	0.11	0.20	2	0.0	0.2	**0.1**	0.00	0.02	*C45*
Kaposi sarcoma	4	0.1	0.3	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	52	0.8	4.0	**3.0**	0.18	0.32	21	0.4	1.7	**1.2**	0.07	0.11	*C47+C49*
Breast	8	0.1	0.6	**0.4**	0.02	0.06	1576	29.5	125.4	**82.5**	5.63	9.86	*C50*
Vulva							27	0.5	2.1	**1.3**	0.08	0.13	*C51*
Vagina							11	0.2	0.9	**0.7**	0.05	0.06	*C52*
Cervix uteri							106	2.0	8.4	**7.0**	0.56	0.65	*C53*
Corpus uteri							265	5.0	21.1	**14.0**	0.98	1.75	*C54*
Uterus unspecified							12	0.2	1.0	**0.8**	0.06	0.08	*C55*
Ovary							191	3.6	15.2	**9.9**	0.69	1.14	*C56*
Other female genital organs							5	0.1	0.4	**0.2**	0.02	0.02	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	11	0.2	0.9	**0.6**	0.04	0.07							*C60*
Prostate	2171	33.9	168.5	**116.2**	5.87	15.97							*C61*
Testis	74	1.2	5.7	**5.7**	0.42	0.42							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	232	3.6	18.0	**12.7**	0.78	1.54	124	2.3	9.9	**6.5**	0.39	0.77	*C64*
Renal pelvis	15	0.2	1.2	**0.8**	0.02	0.11	4	0.1	0.3	**0.1**	0.00	0.01	*C65*
Ureter	3	0.0	0.2	**0.2**	0.00	0.03	4	0.1	0.3	**0.2**	0.02	0.02	*C66*
Bladder	484	7.6	37.6	**24.2**	1.00	2.89	130	2.4	10.3	**5.5**	0.29	0.62	*C67*
Other urinary organs	4	0.1	0.3	**0.2**	0.01	0.02	2	0.0	0.2	**0.0**	0.00	0.00	*C68*
Eye	9	0.1	0.7	**0.6**	0.02	0.05	11	0.2	0.9	**0.7**	0.04	0.07	*C69*
Brain, nervous system	98	1.5	7.6	**6.1**	0.40	0.58	76	1.4	6.0	**4.7**	0.30	0.42	*C70-72*
Thyroid	66	1.0	5.1	**3.9**	0.27	0.46	266	5.0	21.2	**17.2**	1.24	1.75	*C73*
Adrenal gland	6	0.1	0.5	**0.4**	0.03	0.03	3	0.1	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	2	0.0	0.2	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	46	0.7	3.6	**3.2**	0.22	0.26	31	0.6	2.5	**2.3**	0.15	0.19	*C81*
Non-Hodgkin lymphoma	274	4.3	21.3	**14.8**	0.80	1.74	220	4.1	17.5	**10.6**	0.64	1.22	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.2	**0.1**	0.00	0.00	2	0.0	0.2	**0.2**	0.01	0.01	*C88*
Multiple myeloma	72	1.1	5.6	**3.6**	0.18	0.42	51	1.0	4.1	**2.3**	0.10	0.32	*C90*
Lymphoid leukaemia	99	1.5	7.7	**6.1**	0.35	0.60	56	1.0	4.5	**3.4**	0.17	0.38	*C91*
Myeloid leukaemia	66	1.0	5.1	**3.7**	0.22	0.35	40	0.7	3.2	**2.0**	0.13	0.25	*C92-94*
Leukaemia unspecified	8	0.1	0.6	**0.4**	0.02	0.04	5	0.1	0.4	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	30	0.5	2.3	**1.6**	0.04	0.23	22	0.4	1.8	**1.1**	0.06	0.11	*MPD*
Myelodysplastic syndromes	37	0.6	2.9	**1.8**	0.04	0.23	26	0.5	2.1	**1.0**	0.03	0.11	*MDS*
Other and unspecified	107	1.7	8.3	**5.5**	0.29	0.61	137	2.6	10.9	**5.9**	0.28	0.71	*O&U*
All sites	6425		498.7	**344.3**	17.90	42.42	5358		426.5	**275.3**	16.78	32.07	*C00-96*
All sites except C44	6398	100.0	496.6	**342.7**	17.82	42.28	5345	100.0	425.4	**274.7**	16.76	32.02	*C00-96 exc. C44*

Bahrain: Bahraini

REGISTRATION AREA

The Bahrain Cancer Registry (BCR) covers the Kingdom of Bahrain, an island country located off the southern shores of the Arabian Gulf, with a total area of 8269 km^2. In 2010, the total population was more than 1.2 million (569 000 Bahrainis and 666 000 non-Bahrainis). About 88.6% of residents live in urban areas.

CANCER CARE FACILITIES

High-quality comprehensive health care is provided to all residents. Primary health care is delivered by 27 well-equipped health centres throughout the country. Secondary care is provided at the main government hospital, Salmaniya Medical Complex (SMC), which has an oncology services centre equipped with the latest diagnostic and treatment technology. The Bahrain Defence Force Royal Medical Services hospital is another major general secondary hospital, serving primarily Bahrain Ministry of Defence employees and their families. King Hamad University Hospital is the third largest government hospital, with 373 beds. Secondary care is also provided by six private hospitals.

REGISTRY STRUCTURE AND METHODS

The BCR collects data on tumour type, anatomical site, and histology, and data on tumour stage, basis of diagnosis, and hospital of treatment and referral. The information is then added to the registry database and checked for duplication and consistency using CanReg4. Cancer notification became mandatory for all physicians in 1994. In 2010, an electronic notification form was made available to all health care facilities. BCR registrars also perform active data collection by visiting sources to abstract data. Residents diagnosed abroad are traced through the SMC's Oncology Outpatient Register, and data are subsequently extracted from their medical records.

INTERPRETING THE RESULTS

Some underreporting of cases treated in private hospitals or abroad is expected. However, Bahrain is a small country, and its free cancer treatment facilities are located in a single public hospital, providing the opportunity to identify previously unreported cases. Cases are also identified through the national death register. Duplication and cases of unknown age are uncommon due to the unique identification number assigned to each resident.

USE OF THE DATA

The registry regularly publishes statistical reports on the distribution of various types of cancer by age, sex, and nationality. These reports are used by health planners and policy-makers to address cancer-related issues, allocate resources, and evaluate cancer prevention and control activities.

CONTRIBUTORS

Jamal Jaafar Alsayyad
Najat Mohammed Abulfateh
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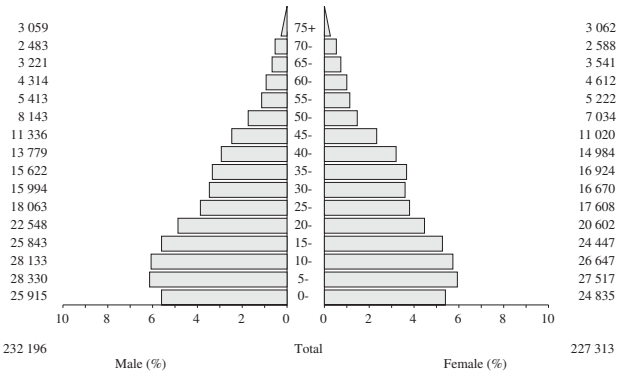
Bahrain: Bahraini (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 census (Health Information Directorate, Ministry of Health, Bahrain), making allowances for births and deaths

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	24.8	Breast	56.0
Prostate	13.7	Trachea, bronchus and lung	9.0
Bladder	11.6	Colon	7.8
Colon	8.8	Thyroid	7.1
Non-Hodgkin lymphoma	6.7	Ovary	6.8
Rectum	5.7	Corpus uteri	6.4
Other and unspecified	5.5	Cervix uteri	5.7
Pancreas	5.1	Non-Hodgkin lymphoma	5.5
Liver	4.9	Other and unspecified	4.8
Stomach	4.9	Stomach	3.7
All sites	142.9	All sites	150.0

Bahrain: Bahraini (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.3	0.3	**0.6**	0.02	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	5	0.5	0.4	**0.8**	0.05	0.13	1	0.1	0.1	**0.2**	0.02	0.02	*C01-02*
Mouth	7	0.7	0.6	**1.0**	0.06	0.14	3	0.3	0.3	**0.4**	0.02	0.02	*C03-06*
Salivary glands	6	0.6	0.5	**0.8**	0.07	0.07	4	0.3	0.4	**0.4**	0.02	0.02	*C07-08*
Tonsil	4	0.4	0.3	**0.5**	0.06	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	10	1.0	0.9	**1.3**	0.09	0.17	6	0.5	0.5	**0.8**	0.04	0.15	*C11*
Hypopharynx	4	0.4	0.3	**0.6**	0.04	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.1	0.1	**0.2**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	22	2.1	1.9	**3.3**	0.12	0.43	10	0.8	0.9	**1.5**	0.07	0.15	*C15*
Stomach	34	3.3	2.9	**4.9**	0.23	0.60	29	2.5	2.6	**3.7**	0.17	0.37	*C16*
Small intestine	4	0.4	0.3	**0.6**	0.02	0.06	2	0.2	0.2	**0.3**	0.03	0.03	*C17*
Colon	61	5.9	5.3	**8.8**	0.46	1.15	62	5.2	5.5	**7.8**	0.58	0.83	*C18*
Rectum	42	4.1	3.6	**5.7**	0.38	0.65	24	2.0	2.1	**3.2**	0.23	0.38	*C19-20*
Anus	6	0.6	0.5	**0.8**	0.05	0.08	2	0.2	0.2	**0.3**	0.00	0.03	*C21*
Liver	36	3.5	3.1	**4.9**	0.30	0.57	23	1.9	2.0	**3.5**	0.20	0.45	*C22*
Gallbladder etc.	6	0.6	0.5	**0.8**	0.06	0.09	7	0.6	0.6	**0.9**	0.08	0.08	*C23-24*
Pancreas	35	3.4	3.0	**5.1**	0.26	0.65	22	1.9	1.9	**3.2**	0.20	0.39	*C25*
Nose, sinuses etc.	4	0.4	0.3	**0.4**	0.03	0.03	1	0.1	0.1	**0.1**	0.01	0.01	*C30-31*
Larynx	23	2.2	2.0	**3.5**	0.23	0.45	2	0.2	0.2	**0.2**	0.01	0.03	*C32*
Trachea, bronchus and lung	161	15.7	13.9	**24.8**	0.97	3.12	61	5.2	5.4	**9.0**	0.44	1.13	*C33-34*
Other thoracic organs	8	0.8	0.7	**0.9**	0.04	0.08	2	0.2	0.2	**0.3**	0.03	0.03	*C37-38*
Bone	19	1.9	1.6	**1.6**	0.10	0.10	5	0.4	0.4	**0.4**	0.03	0.03	*C40-41*
Melanoma of skin	1	0.1	0.1	**0.1**	0.01	0.01	2	0.2	0.2	**0.3**	0.03	0.03	*C43*
Other skin	21		1.8	**3.0**	0.10	0.31	14		1.2	**1.8**	0.10	0.21	*C44*
Mesothelioma	12	1.2	1.0	**1.9**	0.04	0.35	2	0.2	0.2	**0.2**	0.01	0.01	*C45*
Kaposi sarcoma	2	0.2	0.2	**0.3**	0.01	0.04	1	0.1	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	17	1.7	1.5	**1.9**	0.12	0.19	7	0.6	0.6	**0.6**	0.03	0.03	*C47+C49*
Breast	9	0.9	0.8	**1.3**	0.04	0.18	460	38.9	40.5	**56.0**	4.40	6.12	*C50*
Vulva							0	0.0	0.0	**0.0**	0.00	0.00	*C51*
Vagina							0	0.0	0.0	**0.0**	0.00	0.00	*C52*
Cervix uteri							44	3.7	3.9	**5.7**	0.40	0.61	*C53*
Corpus uteri							44	3.7	3.9	**6.4**	0.40	0.88	*C54*
Uterus unspecified							19	1.6	1.7	**2.8**	0.16	0.38	*C55*
Ovary							54	4.6	4.8	**6.8**	0.51	0.80	*C56*
Other female genital organs							1	0.1	0.1	**0.1**	0.00	0.00	*C57*
Placenta							5	0.4	0.4	**0.5**	0.04	0.04	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	89	8.7	7.7	**13.7**	0.39	1.77							*C61*
Testis	17	1.7	1.5	**1.8**	0.14	0.17							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	32	3.1	2.8	**4.3**	0.27	0.54	24	2.0	2.1	**2.9**	0.14	0.30	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	77	7.5	6.6	**11.6**	0.49	1.36	19	1.6	1.7	**2.5**	0.10	0.14	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	3	0.3	0.3	**0.4**	0.04	0.04	1	0.1	0.1	**0.1**	0.00	0.00	*C69*
Brain, nervous system	37	3.6	3.2	**4.2**	0.33	0.43	19	1.6	1.7	**2.2**	0.14	0.27	*C70-72*
Thyroid	22	2.1	1.9	**2.5**	0.19	0.30	66	5.6	5.8	**7.1**	0.52	0.63	*C73*
Adrenal gland	5	0.5	0.4	**0.4**	0.02	0.02	2	0.2	0.2	**0.2**	0.01	0.01	*C74*
Other endocrine	1	0.1	0.1	**0.1**	0.01	0.01	1	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	25	2.4	2.2	**2.2**	0.12	0.19	16	1.4	1.4	**1.6**	0.12	0.15	*C81*
Non-Hodgkin lymphoma	60	5.8	5.2	**6.7**	0.33	0.65	46	3.9	4.0	**5.5**	0.30	0.70	*C82-85,C96*
Immunoproliferative diseases	1	0.1	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	9	0.9	0.8	**1.2**	0.06	0.06	10	0.8	0.9	**1.5**	0.16	0.16	*C90*
Lymphoid leukaemia	21	2.0	1.8	**2.4**	0.07	0.28	12	1.0	1.1	**1.2**	0.09	0.12	*C91*
Myeloid leukaemia	20	1.9	1.7	**2.4**	0.16	0.26	16	1.4	1.4	**2.0**	0.11	0.28	*C92-94*
Leukaemia unspecified	19	1.9	1.6	**1.9**	0.09	0.16	12	1.0	1.1	**1.2**	0.06	0.10	*C95*
Myeloproliferative disorders	2	0.2	0.2	**0.3**	0.01	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	6	0.6	0.5	**0.8**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	39	3.8	3.4	**5.5**	0.30	0.65	33	2.8	2.9	**4.8**	0.20	0.61	*O&U*
All sites	1048		90.3	**142.9**	7.04	16.86	1196		105.2	**150.0**	10.18	16.75	*C00-96*
All sites except C44	1027	100.0	88.5	**139.9**	6.94	16.56	1182	100.0	104.0	**148.3**	10.08	16.55	*C00-96 exc. C44*

China, Beijing City

REGISTRATION AREA

Beijing is the capital of China, located in the north of the country. It has a typical temperate zone continental monsoon climate. The Beijing Cancer Registry covers eight urban districts of the city, with a combined area of 1368.3 km^2. In 2007, the covered population was about 7.4 million (95.7% Han Chinese).

CANCER CARE FACILITIES

About 96% of residents are covered by medical insurance. More than 140 hospitals (some of which have cancer departments), including two specialist cancer hospitals, report newly diagnosed cancer cases to the registry. There are 134 community health service centres conducting active patient follow-up.

REGISTRY STRUCTURE AND METHODS

The registry was founded in 1977 and is now affiliated with the Peking University Cancer Hospital and the Beijing Institute for Cancer Research. Financial support comes mainly from the Beijing Municipal Health Bureau and China's National Central Cancer Registry. New cases are passively collected electronically from hospitals' health information systems and actively re-abstracted. Every hospital has one or two part-time registrars to help collect data. The registry database only includes information on permanent residents of Beijing. Suspected duplicate cases are examined by registry staff members. For incomplete cases, staff members visit the treating hospitals to re-abstract medical records to improve data quality. Death certificates are collected annually from the Vital Statistics Section of the Beijing Center for Disease Control and Prevention. If a death certificate shows an unregistered cancer case, the case is registered after trace-back. The vital status of registered patients is ascertained through both active and passive follow-up.

USE OF THE DATA

The registry submits an annual report of cancer incidence, mortality, survival, and time trends to various Beijing health administrative departments for the purpose of informing policies and decisions on cancer prevention and control. Registry data are also used in descriptive and analytical epidemiological studies.

CONTRIBUTORS

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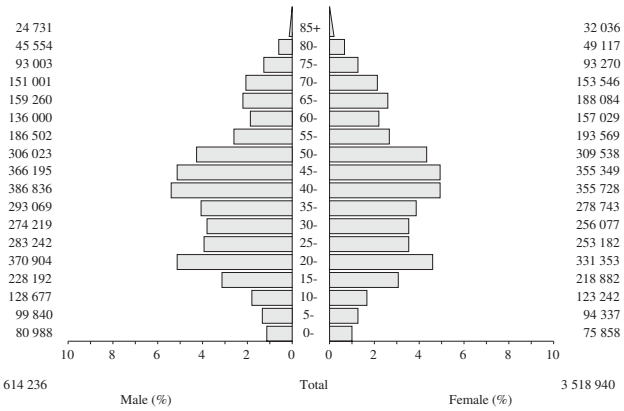
China, Beijing City (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on annual data provided by a government population registry that registers all births and deaths.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	36.8	Breast	35.5
Liver	16.7	Trachea, bronchus and lung	21.3
Stomach	15.0	Colon	9.0
Colon	10.5	Ovary	7.1
Rectum	8.9	Stomach	6.8
Bladder	8.2	Corpus uteri	6.7
Oesophagus	8.0	Rectum	6.5
Prostate	7.0	Thyroid	5.3
Kidney	6.4	Liver	5.3
Pancreas	4.8	Cervix uteri	4.5
All sites	162.0	All sites	148.4

China, Beijing City (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	29	0.1	0.2	**0.1**	0.00	0.01	25	0.1	0.1	**0.1**	0.00	0.01	*C00*
Tongue	139	0.3	0.8	**0.5**	0.03	0.06	122	0.3	0.7	**0.4**	0.02	0.05	*C01-02*
Mouth	241	0.5	1.3	**0.8**	0.05	0.10	228	0.5	1.3	**0.8**	0.04	0.10	*C03-06*
Salivary glands	142	0.3	0.8	**0.5**	0.03	0.06	120	0.3	0.7	**0.4**	0.03	0.05	*C07-08*
Tonsil	16	0.0	0.1	**0.1**	0.00	0.01	13	0.0	0.1	**0.0**	0.00	0.00	*C09*
Other oropharynx	24	0.1	0.1	**0.1**	0.00	0.01	19	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	322	0.7	1.8	**1.2**	0.08	0.13	114	0.3	0.6	**0.4**	0.03	0.05	*C11*
Hypopharynx	135	0.3	0.7	**0.4**	0.03	0.05	12	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	32	0.1	0.2	**0.1**	0.00	0.01	11	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	2444	5.2	13.5	**8.0**	0.38	0.89	822	1.9	4.7	**2.4**	0.08	0.26	*C15*
Stomach	4619	9.8	25.6	**15.0**	0.66	1.82	2120	4.9	12.0	**6.8**	0.36	0.78	*C16*
Small intestine	250	0.5	1.4	**0.8**	0.05	0.11	202	0.5	1.1	**0.7**	0.04	0.09	*C17*
Colon	3265	7.0	18.1	**10.5**	0.45	1.25	2874	6.7	16.3	**9.0**	0.45	1.08	*C18*
Rectum	2672	5.7	14.8	**8.9**	0.45	1.09	2025	4.7	11.5	**6.5**	0.35	0.80	*C19-20*
Anus	35	0.1	0.2	**0.1**	0.01	0.01	25	0.1	0.1	**0.1**	0.00	0.01	*C21*
Liver	4716	10.0	26.1	**16.7**	1.11	1.95	1597	3.7	9.1	**5.3**	0.27	0.61	*C22*
Gallbladder etc.	1028	2.2	5.7	**3.2**	0.12	0.37	1001	2.3	5.7	**3.0**	0.12	0.34	*C23-24*
Pancreas	1426	3.0	7.9	**4.8**	0.23	0.57	1155	2.7	6.6	**3.6**	0.16	0.44	*C25*
Nose, sinuses etc.	102	0.2	0.6	**0.4**	0.02	0.04	65	0.2	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	577	1.2	3.2	**2.0**	0.12	0.25	87	0.2	0.5	**0.3**	0.01	0.04	*C32*
Trachea, bronchus and lung	11299	24.1	62.5	**36.8**	1.64	4.49	6963	16.1	39.6	**21.3**	0.94	2.63	*C33-34*
Other thoracic organs	214	0.5	1.2	**0.9**	0.06	0.09	134	0.3	0.8	**0.6**	0.03	0.05	*C37-38*
Bone	186	0.4	1.0	**0.9**	0.05	0.08	165	0.4	0.9	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	118	0.3	0.7	**0.4**	0.02	0.05	100	0.2	0.6	**0.3**	0.02	0.04	*C43*
Other skin	389		2.2	**1.3**	0.05	0.13	309		1.8	**1.0**	0.05	0.11	*C44*
Mesothelioma	95	0.2	0.5	**0.3**	0.01	0.04	74	0.2	0.4	**0.2**	0.02	0.03	*C45*
Kaposi sarcoma	2	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	312	0.7	1.7	**1.2**	0.08	0.12	256	0.6	1.5	**1.0**	0.06	0.10	*C47+C49*
Breast	76	0.2	0.4	**0.2**	0.01	0.03	10135	23.5	57.6	**35.5**	2.77	3.93	*C50*
Vulva							121	0.3	0.7	**0.4**	0.03	0.05	*C51*
Vagina							41	0.1	0.2	**0.2**	0.01	0.02	*C52*
Cervix uteri							1217	2.8	6.9	**4.5**	0.36	0.42	*C53*
Corpus uteri							1863	4.3	10.6	**6.7**	0.57	0.77	*C54*
Uterus unspecified							147	0.3	0.8	**0.5**	0.04	0.05	*C55*
Ovary							1963	4.5	11.2	**7.1**	0.53	0.79	*C56*
Other female genital organs							101	0.2	0.6	**0.3**	0.02	0.04	*C57*
Placenta							34	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	95	0.2	0.5	**0.3**	0.01	0.03							*C60*
Prostate	2366	5.0	13.1	**7.0**	0.13	0.76							*C61*
Testis	99	0.2	0.5	**0.4**	0.03	0.04							*C62*
Other male genital organs	58	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	1785	3.8	9.9	**6.4**	0.43	0.75	825	1.9	4.7	**2.9**	0.19	0.34	*C64*
Renal pelvis	245	0.5	1.4	**0.8**	0.04	0.10	358	0.8	2.0	**1.1**	0.04	0.14	*C65*
Ureter	202	0.4	1.1	**0.6**	0.02	0.08	255	0.6	1.4	**0.8**	0.03	0.10	*C66*
Bladder	2508	5.3	13.9	**8.2**	0.37	0.95	912	2.1	5.2	**2.8**	0.13	0.33	*C67*
Other urinary organs	34	0.1	0.2	**0.1**	0.00	0.01	25	0.1	0.1	**0.1**	0.00	0.01	*C68*
Eye	28	0.1	0.2	**0.3**	0.02	0.02	21	0.0	0.1	**0.4**	0.02	0.02	*C69*
Brain, nervous system	766	1.6	4.2	**3.4**	0.23	0.32	612	1.4	3.5	**2.6**	0.16	0.25	*C70-72*
Thyroid	428	0.9	2.4	**1.6**	0.12	0.16	1326	3.1	7.5	**5.3**	0.41	0.51	*C73*
Adrenal gland	36	0.1	0.2	**0.2**	0.01	0.02	35	0.1	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	16	0.0	0.1	**0.1**	0.00	0.01	11	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	92	0.2	0.5	**0.4**	0.02	0.03	85	0.2	0.5	**0.4**	0.02	0.03	*C81*
Non-Hodgkin lymphoma	1266	2.7	7.0	**4.8**	0.26	0.52	913	2.1	5.2	**3.4**	0.21	0.37	*C82-85,C96*
Immunoproliferative diseases	26	0.1	0.1	**0.1**	0.00	0.01	12	0.0	0.1	**0.0**	0.00	0.01	*C88*
Multiple myeloma	438	0.9	2.4	**1.5**	0.08	0.19	277	0.6	1.6	**0.9**	0.05	0.12	*C90*
Lymphoid leukaemia	352	0.7	1.9	**2.6**	0.13	0.17	220	0.5	1.3	**1.5**	0.08	0.11	*C91*
Myeloid leukaemia	724	1.5	4.0	**3.1**	0.19	0.29	580	1.3	3.3	**2.5**	0.16	0.23	*C92-94*
Leukaemia unspecified	199	0.4	1.1	**0.9**	0.05	0.08	140	0.3	0.8	**0.5**	0.03	0.05	*C95*
Myeloproliferative disorders	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	685	1.5	3.8	**2.6**	0.12	0.28	621	1.4	3.5	**2.0**	0.11	0.22	*O&U*
All sites	47354		262.0	**162.0**	8.06	18.64	43489		247.2	**148.4**	9.17	16.71	*C00-96*
All sites except C44	46965	100.0	259.9	**160.7**	8.01	18.51	43180	100.0	245.4	**147.4**	9.13	16.60	*C00-96 exc. C44*

China, Cixian County

REGISTRATION AREA

The Cixian Cancer Registry covers the county of Cixian at the southern tip of Hebei Province in China. Cixian contains 19 towns and villages, has a population of 620 000, and has an area of 1014 km^2, most of which is mountains, hills, and plains.

REGISTRY STRUCTURE AND METHODS

The registry, established in 1973, operates within a three-level (county, township, and village) cancer prevention network. All-cause disease mortality and cancer incidence data are coded according to ICD-10 and ICD-O-3, respectively. Due to the convenient transportation and easily accessible health services in Cixian, the rate of pathological diagnosis is relatively high. The registry became a member of IACR in 1996.

INTERPRETING THE RESULTS

Cixian has been selected as a national demonstration centre for both cancer registration and early detection and treatment of oesophageal cancer. An endoscopic screening programme was initiated in 2002 among residents aged 40–69 years, which improved the rate of early detection and treatment of gastrointestinal cancer in the county.

CONTRIBUTORS

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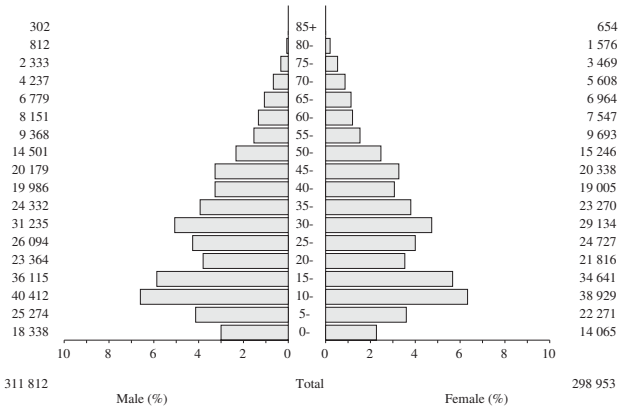
China, Cixian County (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 census and Cixian economic and social development statistics provided by the National Bureau of Statistics of China.

NOTES ON THE DATA

*Overrepresentation of upper gastrointestinal sites.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Oesophagus	192.7	Oesophagus	108.5
Stomach	97.4	Stomach	45.4
Trachea, bronchus and lung	62.3	Trachea, bronchus and lung	30.5
Liver	38.4	Liver	18.0
Rectum	7.0	Breast	13.2
Colon	4.1	Cervix uteri	6.2
Brain, nervous system	4.1	Rectum	6.0
Larynx	4.0	Colon	4.7
Pancreas	3.0	Corpus uteri	2.8
Bladder	2.9	Brain, nervous system	2.6
All sites	444.9	All sites	265.0

*China, Cixian County (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.0	0.1	**0.2**	0.02	0.02	2	0.1	0.1	**0.2**	0.01	0.02	*C00*
Tongue	5	0.1	0.3	**0.4**	0.04	0.04	4	0.1	0.3	**0.4**	0.01	0.01	*C01-02*
Mouth	16	0.3	1.0	**1.3**	0.09	0.11	15	0.4	1.0	**1.1**	0.06	0.12	*C03-06*
Salivary glands	5	0.1	0.3	**0.4**	0.01	0.05	6	0.2	0.4	**0.4**	0.03	0.04	*C07-08*
Tonsil	5	0.1	0.3	**0.6**	0.03	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	4	0.1	0.3	**0.3**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	14	0.3	0.9	**1.0**	0.10	0.11	7	0.2	0.5	**0.5**	0.04	0.06	*C11*
Hypopharynx	8	0.2	0.5	**0.7**	0.05	0.10	1	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	3	0.1	0.2	**0.3**	0.01	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	2182	42.9	140.0	**192.7**	11.17	24.06	1387	40.5	92.8	**108.5**	6.41	13.43	*C15*
Stomach	1105	21.7	70.9	**97.4**	5.70	12.66	565	16.5	37.8	**45.4**	2.63	5.84	*C16*
Small intestine	6	0.1	0.4	**0.5**	0.04	0.08	7	0.2	0.5	**0.7**	0.04	0.07	*C17*
Colon	47	0.9	3.0	**4.1**	0.20	0.44	66	1.9	4.4	**4.7**	0.27	0.55	*C18*
Rectum	84	1.6	5.4	**7.0**	0.40	0.91	81	2.4	5.4	**6.0**	0.47	0.74	*C19-20*
Anus	4	0.1	0.3	**0.3**	0.01	0.04	2	0.1	0.1	**0.2**	0.01	0.02	*C21*
Liver	448	8.8	28.7	**38.4**	2.39	4.57	235	6.9	15.7	**18.0**	1.05	2.10	*C22*
Gallbladder etc.	12	0.2	0.8	**1.3**	0.05	0.12	13	0.4	0.9	**1.0**	0.09	0.12	*C23-24*
Pancreas	32	0.6	2.1	**3.0**	0.16	0.42	27	0.8	1.8	**2.0**	0.14	0.22	*C25*
Nose, sinuses etc.	13	0.3	0.8	**1.1**	0.06	0.15	6	0.2	0.4	**0.5**	0.03	0.08	*C30-31*
Larynx	45	0.9	2.9	**4.0**	0.27	0.53	10	0.3	0.7	**0.9**	0.06	0.11	*C32*
Trachea, bronchus and lung	715	14.0	45.9	**62.3**	3.39	8.00	388	11.3	26.0	**30.5**	1.57	3.18	*C33-34*
Other thoracic organs	9	0.2	0.6	**0.6**	0.05	0.07	4	0.1	0.3	**0.2**	0.01	0.01	*C37-38*
Bone	36	0.7	2.3	**2.8**	0.20	0.33	31	0.9	2.1	**2.2**	0.10	0.23	*C40-41*
Melanoma of skin	3	0.1	0.2	**0.2**	0.02	0.04	6	0.2	0.4	**0.5**	0.04	0.04	*C43*
Other skin	8		0.5	**1.0**	0.01	0.07	8		0.5	**0.5**	0.02	0.06	*C44*
Mesothelioma	2	0.0	0.1	**0.2**	0.00	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	2	0.0	0.1	**0.2**	0.02	0.02	7	0.2	0.5	**0.6**	0.02	0.05	*C47+C49*
Breast	0	0.0	0.0	**0.0**	0.00	0.00	186	5.4	12.4	**13.2**	1.11	1.41	*C50*
Vulva							5	0.1	0.3	**0.4**	0.03	0.06	*C51*
Vagina							2	0.1	0.1	**0.1**	0.00	0.04	*C52*
Cervix uteri							86	2.5	5.8	**6.2**	0.47	0.70	*C53*
Corpus uteri							37	1.1	2.5	**2.8**	0.18	0.36	*C54*
Uterus unspecified							20	0.6	1.3	**1.4**	0.08	0.23	*C55*
Ovary							33	1.0	2.2	**2.3**	0.14	0.25	*C56*
Other female genital organs							2	0.1	0.1	**0.2**	0.02	0.02	*C57*
Placenta							5	0.1	0.3	**0.3**	0.02	0.02	*C58*
Penis	10	0.2	0.6	**0.8**	0.03	0.13							*C60*
Prostate	17	0.3	1.1	**2.1**	0.01	0.10							*C61*
Testis	4	0.1	0.3	**0.4**	0.03	0.05							*C62*
Other male genital organs	1	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	16	0.3	1.0	**1.3**	0.04	0.23	10	0.3	0.7	**1.0**	0.03	0.07	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	3	0.1	0.2	**0.2**	0.03	0.03	*C65*
Ureter	2	0.0	0.1	**0.2**	0.02	0.02	1	0.0	0.1	**0.1**	0.00	0.00	*C66*
Bladder	32	0.6	2.1	**2.9**	0.17	0.28	7	0.2	0.5	**0.5**	0.04	0.07	*C67*
Other urinary organs	1	0.0	0.1	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.0	0.1	**0.2**	0.02	0.02	2	0.1	0.1	**0.2**	0.01	0.03	*C69*
Brain, nervous system	57	1.1	3.7	**4.1**	0.30	0.39	37	1.1	2.5	**2.6**	0.19	0.29	*C70-72*
Thyroid	9	0.2	0.6	**0.7**	0.06	0.08	18	0.5	1.2	**1.2**	0.10	0.12	*C73*
Adrenal gland	1	0.0	0.1	**0.1**	0.00	0.02	3	0.1	0.2	**0.2**	0.02	0.02	*C74*
Other endocrine	6	0.1	0.4	**0.3**	0.03	0.03	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	7	0.1	0.4	**0.6**	0.03	0.05	9	0.3	0.6	**0.7**	0.07	0.09	*C81*
Non-Hodgkin lymphoma	29	0.6	1.9	**2.1**	0.12	0.29	19	0.6	1.3	**1.4**	0.05	0.14	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	3	0.1	0.2	**0.2**	0.01	0.03	1	0.0	0.1	**0.1**	0.00	0.01	*C90*
Lymphoid leukaemia	18	0.4	1.2	**1.3**	0.08	0.09	10	0.3	0.7	**0.6**	0.05	0.05	*C91*
Myeloid leukaemia	28	0.5	1.8	**1.9**	0.13	0.14	23	0.7	1.5	**1.4**	0.08	0.11	*C92-94*
Leukaemia unspecified	25	0.5	1.6	**1.8**	0.11	0.21	24	0.7	1.6	**1.8**	0.12	0.19	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	17	0.3	1.1	**1.4**	0.06	0.19	13	0.4	0.9	**1.0**	0.05	0.08	*O&U*
All sites	5100		327.1	**444.9**	25.78	55.48	3436		229.9	**265.0**	16.05	31.52	*C00-96*
All sites except C44	5092	100.0	326.6	**443.8**	25.78	55.41	3428	100.0	229.3	**264.5**	16.02	31.46	*C00-96 exc. C44*

*See note following population pyramid

China, Haining County

REGISTRATION AREA

The Haining County Cancer Registry covers the county-level city of Haining in eastern China. The city's area is 693.5 km^2 and the population is about 640 000. The majority (99.6%) of residents are Han Chinese.

CANCER CARE FACILITIES

There are five major public hospitals, one cancer hospital, and 11 community hospitals. The cancer hospital provides radiotherapy services. All the hospitals report new cancer cases and benign tumours of the brain and central nervous system, as well as all causes of death. The population is covered by government health insurance.

REGISTRY STRUCTURE AND METHODS

Information on incident cancer cases is collected from clinicians and sent to public health physicians in the community hospitals, who then conduct follow-up and trace-back. The information is then reported to the registry, which is responsible for registration, coding, and entry of the data into the database. Investigations of registration quality are conducted twice per year. Since 2009, cancer cases have been reported through the online chronic diseases surveillance system of the Zhejiang Provincial Center for Disease Control and Prevention. The registry uses the IARC/IACR rules (2000) for multiple primary tumours.

INTERPRETING THE RESULTS

Factors that might affect incidence rates include improvements in the standard of medical care and diagnostic technologies, increases in insurance policy coverage, the ageing of the population, and changes in dietary habits.

USE OF THE DATA

Registry data are used mainly for surveillance and reporting of cancer incidence, analysis of survival rates, evaluation of treatment effects, and support for planning strategies for cancer prevention and control.

CONTRIBUTORS

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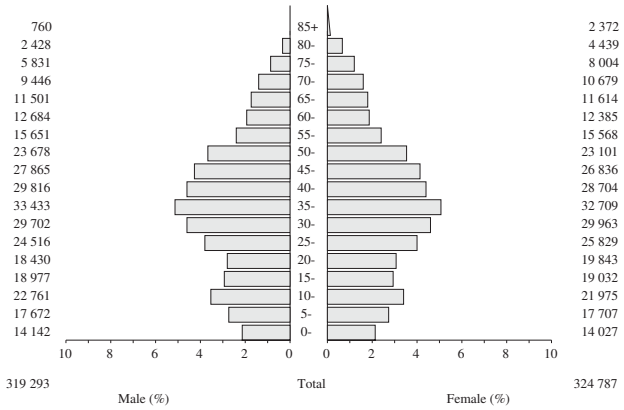
China, Haining County (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2000 national census data calculations for Haining provided by the Public Security Bureau.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	52.4	Trachea, bronchus and lung	15.6
Liver	26.2	Breast	14.8
Stomach	21.4	Stomach	10.4
Oesophagus	13.3	Liver	9.6
Colon	8.5	Colon	7.2
Pancreas	7.7	Pancreas	5.5
Rectum	6.7	Cervix uteri	4.6
Bladder	4.3	Rectum	4.3
Nasopharynx	4.3	Oesophagus	3.8
Non-Hodgkin lymphoma	4.1	Brain, nervous system	3.7
All sites	179.6	All sites	112.0

China, Haining County (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.1	0.1	**0.1**	0.00	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	8	0.2	0.5	**0.4**	0.03	0.04	2	0.1	0.1	**0.1**	0.01	0.01	*C01-02*
Mouth	12	0.3	0.8	**0.7**	0.05	0.06	5	0.2	0.3	**0.2**	0.01	0.02	*C03-06*
Salivary glands	9	0.2	0.6	**0.4**	0.03	0.05	7	0.3	0.4	**0.3**	0.04	0.04	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	5	0.2	0.3	**0.2**	0.01	0.01	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	88	2.4	5.5	**4.3**	0.31	0.45	35	1.4	2.2	**1.6**	0.15	0.17	*C11*
Hypopharynx	13	0.4	0.8	**0.7**	0.07	0.09	3	0.1	0.2	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	3	0.1	0.2	**0.1**	0.00	0.02	1	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	278	7.5	17.4	**13.3**	0.45	1.54	107	4.2	6.6	**3.8**	0.12	0.36	*C15*
Stomach	446	12.0	27.9	**21.4**	1.00	2.48	254	9.9	15.6	**10.4**	0.55	1.23	*C16*
Small intestine	10	0.3	0.6	**0.4**	0.02	0.06	12	0.5	0.7	**0.5**	0.03	0.06	*C17*
Colon	182	4.9	11.4	**8.5**	0.51	1.00	169	6.6	10.4	**7.2**	0.42	0.92	*C18*
Rectum	140	3.8	8.8	**6.7**	0.35	0.79	101	3.9	6.2	**4.3**	0.24	0.51	*C19-20*
Anus	6	0.2	0.4	**0.3**	0.01	0.06	2	0.1	0.1	**0.1**	0.00	0.01	*C21*
Liver	550	14.8	34.5	**26.2**	1.55	3.02	221	8.6	13.6	**9.6**	0.60	1.23	*C22*
Gallbladder etc.	46	1.2	2.9	**2.1**	0.09	0.26	92	3.6	5.7	**3.6**	0.19	0.42	*C23-24*
Pancreas	162	4.4	10.1	**7.7**	0.44	0.91	136	5.3	8.4	**5.5**	0.27	0.63	*C25*
Nose, sinuses etc.	3	0.1	0.2	**0.1**	0.00	0.02	2	0.1	0.1	**0.1**	0.00	0.00	*C30-31*
Larynx	17	0.5	1.1	**0.9**	0.07	0.11	2	0.1	0.1	**0.1**	0.00	0.01	*C32*
Trachea, bronchus and lung	1102	29.7	69.0	**52.4**	2.30	6.40	373	14.6	23.0	**15.6**	0.92	1.88	*C33-34*
Other thoracic organs	7	0.2	0.4	**0.3**	0.03	0.04	1	0.0	0.1	**0.1**	0.00	0.00	*C37-38*
Bone	25	0.7	1.6	**1.3**	0.07	0.12	20	0.8	1.2	**0.9**	0.07	0.10	*C40-41*
Melanoma of skin	4	0.1	0.3	**0.2**	0.02	0.02	5	0.2	0.3	**0.2**	0.01	0.03	*C43*
Other skin	32		2.0	**1.6**	0.04	0.16	23		1.4	**0.8**	0.04	0.09	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	14	0.4	0.9	**0.7**	0.04	0.07	17	0.7	1.0	**1.0**	0.05	0.08	*C47+C49*
Breast	5	0.1	0.3	**0.4**	0.02	0.03	335	13.1	20.6	**14.8**	1.22	1.52	*C50*
Vulva							6	0.2	0.4	**0.3**	0.01	0.04	*C51*
Vagina							2	0.1	0.1	**0.1**	0.01	0.01	*C52*
Cervix uteri							104	4.1	6.4	**4.6**	0.38	0.44	*C53*
Corpus uteri							53	2.1	3.3	**2.5**	0.22	0.30	*C54*
Uterus unspecified							24	0.9	1.5	**1.0**	0.07	0.11	*C55*
Ovary							73	2.9	4.5	**3.6**	0.27	0.39	*C56*
Other female genital organs							3	0.1	0.2	**0.1**	0.02	0.02	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	5	0.1	0.3	**0.2**	0.02	0.03							*C60*
Prostate	68	1.8	4.3	**3.2**	0.08	0.35							*C61*
Testis	4	0.1	0.3	**0.3**	0.01	0.01							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	22	0.6	1.4	**1.0**	0.07	0.11	11	0.4	0.7	**0.5**	0.03	0.06	*C64*
Renal pelvis	3	0.1	0.2	**0.1**	0.01	0.01	3	0.1	0.2	**0.1**	0.00	0.01	*C65*
Ureter	2	0.1	0.1	**0.1**	0.00	0.00	3	0.1	0.2	**0.1**	0.01	0.03	*C66*
Bladder	93	2.5	5.8	**4.3**	0.15	0.49	17	0.7	1.0	**0.7**	0.03	0.08	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.01	0.01	*C68*
Eye	1	0.0	0.1	**0.2**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C69*
Brain, nervous system	79	2.1	4.9	**3.9**	0.23	0.40	76	3.0	4.7	**3.7**	0.25	0.40	*C70-72*
Thyroid	14	0.4	0.9	**0.7**	0.06	0.07	50	2.0	3.1	**2.3**	0.17	0.24	*C73*
Adrenal gland	3	0.1	0.2	**0.1**	0.00	0.02	3	0.1	0.2	**0.3**	0.01	0.02	*C74*
Other endocrine	3	0.1	0.2	**0.2**	0.01	0.01	4	0.2	0.2	**0.2**	0.02	0.02	*C75*
Hodgkin lymphoma	3	0.1	0.2	**0.1**	0.02	0.02	4	0.2	0.2	**0.2**	0.02	0.02	*C81*
Non-Hodgkin lymphoma	86	2.3	5.4	**4.1**	0.21	0.51	57	2.2	3.5	**2.4**	0.15	0.32	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	17	0.5	1.1	**0.7**	0.02	0.10	12	0.5	0.7	**0.5**	0.03	0.06	*C90*
Lymphoid leukaemia	20	0.5	1.3	**1.5**	0.08	0.11	6	0.2	0.4	**0.6**	0.03	0.03	*C91*
Myeloid leukaemia	18	0.5	1.1	**1.2**	0.07	0.09	14	0.5	0.9	**0.7**	0.05	0.08	*C92-94*
Leukaemia unspecified	70	1.9	4.4	**3.6**	0.25	0.39	66	2.6	4.1	**3.4**	0.20	0.28	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.01	*MPD*
Myelodysplastic syndromes	1	0.0	0.1	**0.1**	0.00	0.01	3	0.1	0.2	**0.2**	0.01	0.01	*MDS*
Other and unspecified	62	1.7	3.9	**3.0**	0.17	0.29	53	2.1	3.3	**2.2**	0.13	0.29	*O&U*
All sites	3738		234.1	**179.6**	8.94	20.83	2584		159.1	**112.0**	7.07	12.62	*C00-96*
All sites except C44	3706	100.0	232.1	**178.0**	8.89	20.67	2561	100.0	157.7	**111.1**	7.02	12.53	*C00-96 exc. C44*

China, Harbin City, Nangang District

REGISTRATION AREA

The Nangang District Cancer Registry covers the permanent residents of Nangang District in the centre of the city of Harbin in China. Nangang is the largest of the nine districts of Harbin, and is bordered by the districts of Daoli, Daowai, Xiangfang, and Pingfang. The district's area is 182.87 km^2 (including an urban area of 60 km^2), which is one third of the total area of Harbin. The population is 1.3 million (90% Han Chinese). Due to the many colleges in Harbin City, there is a large temporary influx of students aged 20–24 years, who become short-term permanent residents.

REGISTRY STRUCTURE AND METHODS

The population-based registry began operation in 1997. It is located within the chronic disease division of the Nangang Center for Disease Control and Prevention (CDC), under the supervision of the Nangang Board of Health. The registry registers and reports all newly diagnosed malignant tumours and carcinoids of the central nervous system. A malignant tumour death reporting system and a general cause of death reporting system are also used as information sources. All health care professionals in Harbin are required to complete a notification card and submit it to the CDC whenever they diagnose a malignant tumour. They are also required to complete a death notification card in addition to each medical certificate of death. Follow-up is performed by family physicians at the community health service centre. Follow-up visits are currently limited to tumour death cases. The tumour notification cards are catalogued according to administrative area and disease type. After record linkage and duplicate elimination, cases are coded according to ICD-10. All registry tasks are now computerized.

USE OF THE DATA

Since its establishment in 1997, the registry has collected Nangang District malignant tumour incidence and mortality data for the period of 1990–2009. Registry data have been used for epidemiological research, cancer trend predictions, and research on cancer control policies and countermeasures.

CONTRIBUTORS

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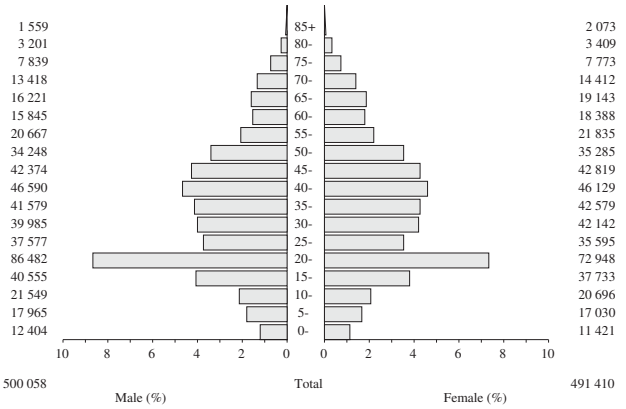
China, Harbin City, Nangang District (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the household registration office of the Public Security Bureau.

NOTES ON THE DATA

*Low MV%.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	61.5	Trachea, bronchus and lung	32.9
Liver	29.9	Breast	31.5
Stomach	24.3	Stomach	11.0
Colon	12.5	Liver	10.7
Rectum	10.7	Colon	9.4
Pancreas	7.7	Cervix uteri	8.0
Oesophagus	7.7	Rectum	7.8
Bladder	6.7	Brain, nervous system	6.5
Brain, nervous system	6.3	Ovary	6.1
Kidney	6.1	Pancreas	5.3
All sites	207.5	All sites	164.4

*China, Harbin City, Nangang District (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	26	0.4	1.0	**0.9**	0.07	0.10	5	0.1	0.2	**0.2**	0.01	0.03	*C01-02*
Mouth	22	0.4	0.9	**0.7**	0.04	0.09	9	0.2	0.4	**0.3**	0.01	0.03	*C03-06*
Salivary glands	7	0.1	0.3	**0.2**	0.01	0.03	2	0.0	0.1	**0.1**	0.00	0.00	*C07-08*
Tonsil	11	0.2	0.4	**0.3**	0.02	0.03	3	0.1	0.1	**0.1**	0.00	0.01	*C09*
Other oropharynx	4	0.1	0.2	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	39	0.6	1.6	**1.3**	0.09	0.15	27	0.5	1.1	**0.8**	0.05	0.11	*C11*
Hypopharynx	8	0.1	0.3	**0.3**	0.02	0.03	1	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.0	0.0	**0.1**	0.01	0.01	3	0.1	0.1	**0.1**	0.00	0.02	*C14*
Oesophagus	224	3.7	9.0	**7.7**	0.48	0.88	43	0.8	1.8	**1.3**	0.05	0.20	*C15*
Stomach	728	12.0	29.1	**24.3**	1.22	2.95	346	6.6	14.1	**11.0**	0.65	1.31	*C16*
Small intestine	20	0.3	0.8	**0.7**	0.05	0.09	25	0.5	1.0	**0.8**	0.06	0.09	*C17*
Colon	367	6.0	14.7	**12.5**	0.62	1.56	297	5.7	12.1	**9.4**	0.48	1.17	*C18*
Rectum	323	5.3	12.9	**10.7**	0.54	1.30	248	4.7	10.1	**7.8**	0.46	0.95	*C19-20*
Anus	7	0.1	0.3	**0.2**	0.01	0.04	2	0.0	0.1	**0.1**	0.00	0.01	*C21*
Liver	894	14.7	35.8	**29.9**	1.93	3.35	336	6.4	13.7	**10.7**	0.59	1.33	*C22*
Gallbladder etc.	82	1.3	3.3	**2.9**	0.11	0.33	75	1.4	3.1	**2.4**	0.12	0.29	*C23-24*
Pancreas	219	3.6	8.8	**7.7**	0.43	0.92	165	3.2	6.7	**5.3**	0.29	0.66	*C25*
Nose, sinuses etc.	16	0.3	0.6	**0.5**	0.03	0.06	11	0.2	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	111	1.8	4.4	**3.9**	0.30	0.49	16	0.3	0.7	**0.5**	0.02	0.06	*C32*
Trachea, bronchus and lung	1800	29.6	72.0	**61.5**	3.18	7.42	1062	20.3	43.2	**32.9**	1.33	4.05	*C33-34*
Other thoracic organs	30	0.5	1.2	**1.3**	0.07	0.13	23	0.4	0.9	**0.7**	0.03	0.08	*C37-38*
Bone	61	1.0	2.4	**2.2**	0.13	0.21	60	1.1	2.4	**2.1**	0.13	0.26	*C40-41*
Melanoma of skin	3	0.0	0.1	**0.1**	0.01	0.01	4	0.1	0.2	**0.1**	0.01	0.02	*C43*
Other skin	17		0.7	**0.5**	0.02	0.07	19		0.8	**0.7**	0.04	0.06	*C44*
Mesothelioma	13	0.2	0.5	**0.5**	0.03	0.05	18	0.3	0.7	**0.6**	0.03	0.08	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	12	0.2	0.5	**0.4**	0.01	0.06	6	0.1	0.2	**0.2**	0.02	0.02	*C47+C49*
Breast	20	0.3	0.8	**0.7**	0.05	0.09	1034	19.8	42.1	**31.5**	2.50	3.48	*C50*
Vulva							10	0.2	0.4	**0.3**	0.01	0.04	*C51*
Vagina							10	0.2	0.4	**0.3**	0.02	0.03	*C52*
Cervix uteri							277	5.3	11.3	**8.0**	0.66	0.76	*C53*
Corpus uteri							90	1.7	3.7	**2.9**	0.24	0.37	*C54*
Uterus unspecified							46	0.9	1.9	**1.4**	0.10	0.14	*C55*
Ovary							188	3.6	7.7	**6.1**	0.48	0.70	*C56*
Other female genital organs							16	0.3	0.7	**0.5**	0.03	0.07	*C57*
Placenta							4	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	17	0.3	0.7	**0.6**	0.03	0.06							*C60*
Prostate	103	1.7	4.1	**3.5**	0.05	0.34							*C61*
Testis	13	0.2	0.5	**0.4**	0.03	0.05							*C62*
Other male genital organs	3	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	174	2.9	7.0	**6.1**	0.38	0.69	77	1.5	3.1	**2.4**	0.14	0.30	*C64*
Renal pelvis	11	0.2	0.4	**0.4**	0.02	0.05	12	0.2	0.5	**0.4**	0.02	0.04	*C65*
Ureter	10	0.2	0.4	**0.4**	0.02	0.06	22	0.4	0.9	**0.7**	0.04	0.11	*C66*
Bladder	193	3.2	7.7	**6.7**	0.28	0.76	84	1.6	3.4	**2.6**	0.09	0.29	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.01	0.01	*C68*
Eye	1	0.0	0.0	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	191	3.1	7.6	**6.3**	0.39	0.74	196	3.8	8.0	**6.5**	0.38	0.71	*C70-72*
Thyroid	43	0.7	1.7	**1.4**	0.09	0.12	118	2.3	4.8	**3.5**	0.27	0.36	*C73*
Adrenal gland	5	0.1	0.2	**0.2**	0.01	0.01	5	0.1	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	32	0.5	1.3	**1.1**	0.09	0.12	45	0.9	1.8	**1.4**	0.12	0.14	*C75*
Hodgkin lymphoma	4	0.1	0.2	**0.1**	0.01	0.01	8	0.2	0.3	**0.3**	0.01	0.04	*C81*
Non-Hodgkin lymphoma	65	1.1	2.6	**2.2**	0.12	0.26	46	0.9	1.9	**1.6**	0.08	0.16	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	15	0.2	0.6	**0.6**	0.05	0.08	13	0.2	0.5	**0.4**	0.03	0.06	*C90*
Lymphoid leukaemia	28	0.5	1.1	**1.0**	0.07	0.08	21	0.4	0.9	**0.6**	0.05	0.07	*C91*
Myeloid leukaemia	5	0.1	0.2	**0.1**	0.01	0.01	4	0.1	0.2	**0.1**	0.01	0.01	*C92-94*
Leukaemia unspecified	73	1.2	2.9	**2.3**	0.12	0.25	57	1.1	2.3	**2.3**	0.17	0.20	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	52	0.9	2.1	**1.8**	0.08	0.19	52	1.0	2.1	**1.8**	0.10	0.18	*O&U*
All sites	6104		244.1	**207.5**	11.33	24.38	5244		213.4	**164.4**	9.99	19.19	*C00-96*
All sites except C44	6087	100.0	243.5	**207.0**	11.30	24.31	5225	100.0	212.7	**163.8**	9.96	19.13	*C00-96 exc. C44*

*See note following population pyramid

China, Hong Kong

REGISTRATION AREA

The Hong Kong Cancer Registry covers the Hong Kong Special Administrative Region of China. Hong Kong is one of the most densely populated places in the world, with an average density of 6540 residents/km^2. In 2011, the population was 7.1 million. About 92% of residents are Chinese, mostly descendants of people from Guangdong Province in southern China.

CANCER CARE FACILITIES

The Hospital Authority (HA) is a statutory body that manages all public hospitals and institutions in Hong Kong. There are six clinical oncology centres within the HA and a few private hospitals that provide clinical oncology services. At the end of 2011, Hong Kong had a total of 39 photon radiotherapy machines (in public and private hospitals). Most local patients are treated at public hospitals.

REGISTRY STRUCTURE AND METHODS

Cancer notification in Hong Kong is mandated by administrative order, without a specific law. The registry is staffed by seven employees, including statistical analysts and abstract clerks who carry out the registry's day-to-day activities. The director is a clinical oncologist, who provides regular input on the validity of the clinical data in addition to overseeing the registry's operation. The registry receives electronic data directly from all public hospitals, and has a good working relationship with most private cancer centres and pathology laboratories. Near-complete coverage has been achieved within the registration area. Death certificates are received from Hong Kong's Department of Health.

INTERPRETING THE RESULTS

A government cervical screening programme was initiated in March 2004.

USE OF THE DATA

The registry publishes annual reports on cancer incidence and mortality on its website. Basic descriptive epidemiological analyses are also included, and survival data on some cancers have been provided in recent years. Registry data are routinely used by officials, health professionals, cancer control groups, and the public. The data are also extensively used by local researchers for various epidemiological studies.

CONTRIBUTORS

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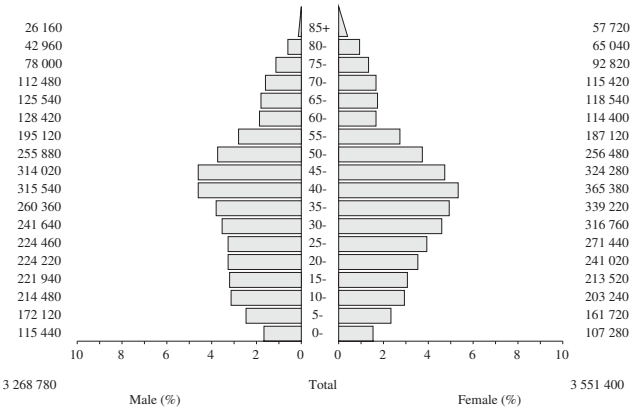
China, Hong Kong (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 census data provided by the Hong Kong Census and Statistics Department.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	53.3	Breast	45.2
Liver	26.7	Trachea, bronchus and lung	21.9
Colon	23.0	Colon	16.8
Prostate	18.6	Corpus uteri	10.0
Rectum	17.0	Rectum	9.6
Nasopharynx	14.4	Cervix uteri	7.9
Stomach	12.1	Thyroid	7.8
Non-Hodgkin lymphoma	7.4	Liver	6.9
Bladder	7.3	Ovary	6.5
Oesophagus	7.1	Stomach	6.1
All sites	246.0	All sites	186.9

China, Hong Kong (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	21	0.0	0.1	**0.1**	0.00	0.01	16	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	474	0.8	2.9	**2.0**	0.13	0.23	304	0.6	1.7	**1.1**	0.07	0.13	*C01-02*
Mouth	379	0.6	2.3	**1.5**	0.08	0.17	221	0.4	1.2	**0.7**	0.03	0.08	*C03-06*
Salivary glands	177	0.3	1.1	**0.8**	0.05	0.08	148	0.3	0.8	**0.6**	0.05	0.06	*C07-08*
Tonsil	157	0.3	1.0	**0.6**	0.05	0.07	38	0.1	0.2	**0.2**	0.01	0.02	*C09*
Other oropharynx	66	0.1	0.4	**0.3**	0.02	0.03	12	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	3425	5.7	21.0	**14.4**	1.16	1.51	1247	2.5	7.0	**4.9**	0.40	0.51	*C11*
Hypopharynx	318	0.5	1.9	**1.3**	0.08	0.16	24	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	3	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	1780	2.9	10.9	**7.1**	0.40	0.87	493	1.0	2.8	**1.6**	0.07	0.18	*C15*
Stomach	3180	5.3	19.5	**12.1**	0.56	1.38	1923	3.8	10.8	**6.1**	0.30	0.63	*C16*
Small intestine	166	0.3	1.0	**0.6**	0.04	0.07	123	0.2	0.7	**0.4**	0.02	0.04	*C17*
Colon	6074	10.1	37.2	**23.0**	1.02	2.63	5107	10.1	28.8	**16.8**	0.80	1.94	*C18*
Rectum	4339	7.2	26.5	**17.0**	0.91	2.05	2822	5.6	15.9	**9.6**	0.51	1.12	*C19-20*
Anus	108	0.2	0.7	**0.4**	0.02	0.04	88	0.2	0.5	**0.3**	0.01	0.03	*C21*
Liver	6503	10.8	39.8	**26.7**	1.73	3.18	2001	4.0	11.3	**6.9**	0.33	0.84	*C22*
Gallbladder etc.	706	1.2	4.3	**2.5**	0.08	0.28	686	1.4	3.9	**2.1**	0.09	0.21	*C23-24*
Pancreas	1162	1.9	7.1	**4.5**	0.22	0.53	940	1.9	5.3	**3.1**	0.15	0.34	*C25*
Nose, sinuses etc.	180	0.3	1.1	**0.8**	0.05	0.08	107	0.2	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	920	1.5	5.6	**3.6**	0.19	0.46	53	0.1	0.3	**0.2**	0.01	0.03	*C32*
Trachea, bronchus and lung	14003	23.2	85.7	**53.3**	2.38	6.31	6817	13.5	38.4	**21.9**	1.00	2.47	*C33-34*
Other thoracic organs	177	0.3	1.1	**0.9**	0.06	0.08	117	0.2	0.7	**0.5**	0.04	0.05	*C37-38*
Bone	120	0.2	0.7	**0.7**	0.04	0.05	110	0.2	0.6	**0.6**	0.03	0.04	*C40-41*
Melanoma of skin	148	0.2	0.9	**0.6**	0.04	0.06	122	0.2	0.7	**0.4**	0.03	0.05	*C43*
Other skin	1600		9.8	**6.2**	0.33	0.62	1666		9.4	**5.0**	0.21	0.50	*C44*
Mesothelioma	62	0.1	0.4	**0.2**	0.01	0.03	18	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	13	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	327	0.5	2.0	**1.5**	0.09	0.14	273	0.5	1.5	**1.2**	0.08	0.11	*C47+C49*
Breast	73	0.1	0.4	**0.3**	0.01	0.04	11927	23.6	67.2	**45.2**	3.59	4.80	*C50*
Vulva							147	0.3	0.8	**0.5**	0.02	0.05	*C51*
Vagina							97	0.2	0.5	**0.3**	0.02	0.04	*C52*
Cervix uteri							2080	4.1	11.7	**7.9**	0.56	0.86	*C53*
Corpus uteri							2524	5.0	14.2	**10.0**	0.85	1.13	*C54*
Uterus unspecified							32	0.1	0.2	**0.1**	0.01	0.01	*C55*
Ovary							1642	3.2	9.2	**6.5**	0.50	0.66	*C56*
Other female genital organs							46	0.1	0.3	**0.2**	0.01	0.02	*C57*
Placenta							8	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	72	0.1	0.4	**0.3**	0.01	0.03							*C60*
Prostate	5038	8.3	30.8	**18.6**	0.50	2.34							*C61*
Testis	256	0.4	1.6	**1.5**	0.10	0.11							*C62*
Other male genital organs	52	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	1101	1.8	6.7	**4.5**	0.29	0.53	550	1.1	3.1	**2.1**	0.12	0.22	*C64*
Renal pelvis	99	0.2	0.6	**0.4**	0.02	0.04	83	0.2	0.5	**0.3**	0.01	0.03	*C65*
Ureter	66	0.1	0.4	**0.3**	0.01	0.03	71	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	2014	3.3	12.3	**7.3**	0.25	0.79	626	1.2	3.5	**1.8**	0.06	0.18	*C67*
Other urinary organs	15	0.0	0.1	**0.1**	0.00	0.01	23	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	38	0.1	0.2	**0.4**	0.02	0.02	20	0.0	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	533	0.9	3.3	**2.9**	0.18	0.25	392	0.8	2.2	**2.0**	0.12	0.18	*C70-72*
Thyroid	563	0.9	3.4	**2.5**	0.18	0.25	1926	3.8	10.8	**7.8**	0.62	0.76	*C73*
Adrenal gland	43	0.1	0.3	**0.5**	0.02	0.03	26	0.1	0.1	**0.3**	0.01	0.02	*C74*
Other endocrine	25	0.0	0.2	**0.2**	0.01	0.01	5	0.0	0.0	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	117	0.2	0.7	**0.6**	0.04	0.05	105	0.2	0.6	**0.5**	0.03	0.04	*C81*
Non-Hodgkin lymphoma	1734	2.9	10.6	**7.4**	0.41	0.80	1453	2.9	8.2	**5.4**	0.33	0.59	*C82-85,C96*
Immunoproliferative diseases	21	0.0	0.1	**0.1**	0.00	0.01	8	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	536	0.9	3.3	**2.1**	0.10	0.23	390	0.8	2.2	**1.3**	0.06	0.15	*C90*
Lymphoid leukaemia	317	0.5	1.9	**2.6**	0.14	0.18	238	0.5	1.3	**1.7**	0.09	0.11	*C91*
Myeloid leukaemia	795	1.3	4.9	**3.7**	0.22	0.36	612	1.2	3.4	**2.7**	0.16	0.25	*C92-94*
Leukaemia unspecified	71	0.1	0.4	**0.3**	0.01	0.02	70	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	7	0.0	0.0	**0.0**	0.00	0.00	12	0.0	0.1	**0.0**	0.00	0.01	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1791	3.0	11.0	**6.7**	0.26	0.70	1600	3.2	9.0	**4.7**	0.19	0.45	*O&U*
All sites	61965		379.1	**246.0**	12.54	27.99	52192		293.9	**186.9**	11.68	20.10	*C00-96*
All sites except C44	60365	100.0	369.3	**239.8**	12.21	27.36	50526	100.0	284.5	**181.9**	11.47	19.60	*C00-96 exc. C44*

§Includes 17 cases of unknown age

§Includes 12 cases of unknown age

China, Jiashan County

REGISTRATION AREA

The Jiashan Cancer Registry covers Jiashan County, in the north of Zhejiang Province in China. The county has an area of about 506.6 km^2. In 2007, the population was 381 000 (nearly all Han Chinese). About 65% of residents live in rural areas. The population density is 752 residents/km^2. Agriculture is the major industry.

CANCER CARE FACILITIES

There are 19 medical establishments (hospitals and clinics), including three county-level hospitals that provide cancer surgery, chemotherapy, and integrated traditional and evidence-based medical services.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1987 to determine and report cancer incidence and mortality, as well as all-cause mortality. It is affiliated with the Jiashan County Cancer Research Institute. Hospitals and clinics are required by Jiashan County Health Bureau regulations to report all newly diagnosed cancers, as well as benign tumours of the central nervous system. Cause of death must be reported for all deaths due to disease. At the end of 2007, the registry's missing report rate was 3.1%. The registry uses the IARC/IACR rules for multiple primary tumours.

USE OF THE DATA

The registry publishes an annual report on cancer incidence and mortality. Data on cancer incidence, prevalence, and mortality by sex, age, and site are also used in cancer prevention and treatment and for research on cancer etiology.

CONTRIBUTORS

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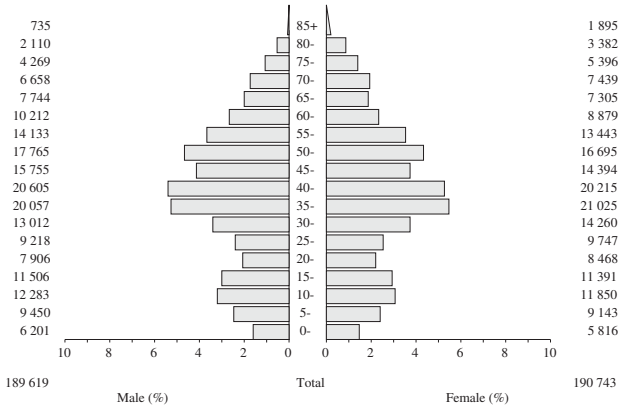
China, Jiashan County (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 census.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	55.7	Breast	22.4
Stomach	32.5	Trachea, bronchus and lung	16.3
Liver	29.5	Stomach	12.9
Oesophagus	17.0	Colon	11.2
Colon	12.9	Liver	10.9
Rectum	10.5	Rectum	8.8
Pancreas	9.3	Pancreas	6.5
Bladder	6.6	Brain, nervous system	6.3
Brain, nervous system	6.3	Gallbladder etc.	5.4
Non-Hodgkin lymphoma	4.8	Thyroid	4.3
All sites	219.4	All sites	140.1

China, Jiashan County (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	3	0.1	0.3	**0.2**	0.00	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	5	0.2	0.5	**0.3**	0.00	0.05	9	0.4	0.9	**0.5**	0.03	0.04	*C01-02*
Mouth	11	0.3	1.2	**0.7**	0.03	0.10	3	0.1	0.3	**0.2**	0.01	0.04	*C03-06*
Salivary glands	5	0.2	0.5	**0.3**	0.03	0.03	6	0.3	0.6	**0.4**	0.03	0.05	*C07-08*
Tonsil	3	0.1	0.3	**0.2**	0.01	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	2	0.1	0.2	**0.1**	0.02	0.02	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	63	1.9	6.6	**4.0**	0.30	0.45	22	1.0	2.3	**1.4**	0.10	0.13	*C11*
Hypopharynx	6	0.2	0.6	**0.4**	0.01	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	261	7.9	27.5	**17.0**	0.86	2.23	57	2.6	6.0	**3.2**	0.11	0.40	*C15*
Stomach	497	15.0	52.4	**32.5**	1.76	4.17	221	10.2	23.2	**12.9**	0.61	1.57	*C16*
Small intestine	10	0.3	1.1	**0.7**	0.05	0.10	12	0.6	1.3	**0.7**	0.05	0.10	*C17*
Colon	195	5.9	20.6	**12.9**	0.62	1.69	175	8.0	18.3	**11.2**	0.68	1.35	*C18*
Rectum	165	5.0	17.4	**10.5**	0.65	1.23	137	6.3	14.4	**8.8**	0.58	1.13	*C19-20*
Anus	3	0.1	0.3	**0.2**	0.00	0.04	1	0.0	0.1	**0.0**	0.00	0.00	*C21*
Liver	467	14.1	49.3	**29.5**	1.43	3.62	202	9.3	21.2	**10.9**	0.44	1.32	*C22*
Gallbladder etc.	50	1.5	5.3	**3.1**	0.14	0.35	97	4.5	10.2	**5.4**	0.20	0.66	*C23-24*
Pancreas	147	4.4	15.5	**9.3**	0.45	1.15	111	5.1	11.6	**6.5**	0.38	0.80	*C25*
Nose, sinuses etc.	6	0.2	0.6	**0.4**	0.02	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C30-31*
Larynx	31	0.9	3.3	**2.0**	0.09	0.21	1	0.0	0.1	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	859	25.9	90.6	**55.7**	2.55	7.27	280	12.9	29.4	**16.3**	0.94	1.99	*C33-34*
Other thoracic organs	11	0.3	1.2	**0.9**	0.03	0.07	3	0.1	0.3	**0.3**	0.02	0.02	*C37-38*
Bone	26	0.8	2.7	**1.8**	0.08	0.23	24	1.1	2.5	**1.9**	0.11	0.20	*C40-41*
Melanoma of skin	5	0.2	0.5	**0.3**	0.04	0.04	7	0.3	0.7	**0.5**	0.03	0.05	*C43*
Other skin	29		3.1	**2.0**	0.05	0.22	38		4.0	**2.2**	0.08	0.27	*C44*
Mesothelioma	2	0.1	0.2	**0.1**	0.01	0.02	2	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	12	0.4	1.3	**0.7**	0.04	0.07	18	0.8	1.9	**1.4**	0.11	0.14	*C47+C49*
Breast	3	0.1	0.3	**0.2**	0.01	0.03	337	15.5	35.3	**22.4**	1.85	2.34	*C50*
Vulva							4	0.2	0.4	**0.2**	0.01	0.01	*C51*
Vagina							0	0.0	0.0	**0.0**	0.00	0.00	*C52*
Cervix uteri							40	1.8	4.2	**2.6**	0.21	0.27	*C53*
Corpus uteri							53	2.4	5.6	**3.5**	0.28	0.39	*C54*
Uterus unspecified							2	0.1	0.2	**0.1**	0.00	0.03	*C55*
Ovary							45	2.1	4.7	**3.2**	0.28	0.36	*C56*
Other female genital organs							2	0.1	0.2	**0.1**	0.01	0.02	*C57*
Placenta							4	0.2	0.4	**0.4**	0.03	0.03	*C58*
Penis	5	0.2	0.5	**0.3**	0.02	0.06							*C60*
Prostate	44	1.3	4.6	**2.8**	0.03	0.33							*C61*
Testis	8	0.2	0.8	**0.6**	0.05	0.06							*C62*
Other male genital organs	3	0.1	0.3	**0.2**	0.01	0.01							*C63*
Kidney	33	1.0	3.5	**2.1**	0.11	0.28	19	0.9	2.0	**1.5**	0.08	0.18	*C64*
Renal pelvis	5	0.2	0.5	**0.3**	0.03	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.2	**0.1**	0.01	0.01	*C66*
Bladder	95	2.9	10.0	**6.6**	0.31	0.67	23	1.1	2.4	**1.3**	0.05	0.12	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	3	0.1	0.3	**0.2**	0.02	0.02	1	0.0	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	83	2.5	8.8	**6.3**	0.45	0.69	78	3.6	8.2	**6.3**	0.45	0.58	*C70-72*
Thyroid	11	0.3	1.2	**0.9**	0.06	0.09	64	2.9	6.7	**4.3**	0.34	0.45	*C73*
Adrenal gland	1	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C74*
Other endocrine	2	0.1	0.2	**0.2**	0.01	0.01	2	0.1	0.2	**0.1**	0.01	0.02	*C75*
Hodgkin lymphoma	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.2	**0.2**	0.02	0.02	*C81*
Non-Hodgkin lymphoma	68	2.1	7.2	**4.8**	0.36	0.50	33	1.5	3.5	**2.4**	0.15	0.26	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	16	0.5	1.7	**1.0**	0.03	0.14	13	0.6	1.4	**0.9**	0.07	0.15	*C90*
Lymphoid leukaemia	11	0.3	1.2	**1.1**	0.06	0.08	7	0.3	0.7	**0.8**	0.04	0.05	*C91*
Myeloid leukaemia	36	1.1	3.8	**2.8**	0.18	0.29	20	0.9	2.1	**1.5**	0.11	0.16	*C92-94*
Leukaemia unspecified	14	0.4	1.5	**1.5**	0.07	0.13	12	0.6	1.3	**1.4**	0.09	0.10	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	28	0.8	3.0	**1.8**	0.06	0.23	18	0.8	1.9	**1.1**	0.06	0.14	*O&U*
All sites	3343		352.6	**219.4**	11.11	27.17	2212		231.9	**140.1**	8.72	15.99	*C00-96*
All sites except C44	3314	100.0	349.5	**217.5**	11.05	26.95	2174	100.0	228.0	**137.8**	8.64	15.72	*C00-96 exc. C44*

China, Jiaxing City

REGISTRATION AREA
The Jiaxing Cancer Registry covers Nanhu District in the prefecture-level city of Jiaxing in eastern China. Nanhu is one of the city's two urban districts, and the majority (99.5%) of its population is Han Chinese.

CANCER CARE FACILITIES
There are eight large public hospitals (two with radiotherapy facilities) and 15 community hospitals, all of which report new cancer cases and benign tumours of the brain and central nervous system, as well as all causes of death. Some patients are covered by government health insurance.

REGISTRY STRUCTURE AND METHODS
The registry was established in 1992. Clinicians are responsible for reporting new cancer cases. Public health physicians then check these reports and send the notification cards to the registry. Three senior registry staff members categorize and code the cases, and then the community physicians double-check the information and conduct follow-up as required. The Jiaxing Center for Disease Control and Prevention's cause of death reporting system is used to check for missing incident cases. All patient-related information is confidential. The registry reviews its data quality twice per year, and a sample-based investigation of missing cases is conducted every 3 years. The registry database was computerized in 1996. The registry adopted ICD-9 and ICD-10 coding in 2001. Since 2009, all cases have been reported directly to the registry through an online system. The registry uses the IARC/IACR rules (2000) for multiple primary tumours.

INTERPRETING THE RESULTS
Factors that might affect incidence rates include the availability and quality of diagnosis and treatment services, the quality of the hospital reporting systems (which have been greatly improved), the level of health awareness within the population (which has increased substantially since 1992), and the increasing coverage provided by national and local insurance policies.

USE OF THE DATA
Registry data are used mainly for surveillance and reporting of cancer incidence, analysis of survival rates, and planning and evaluation of health services.

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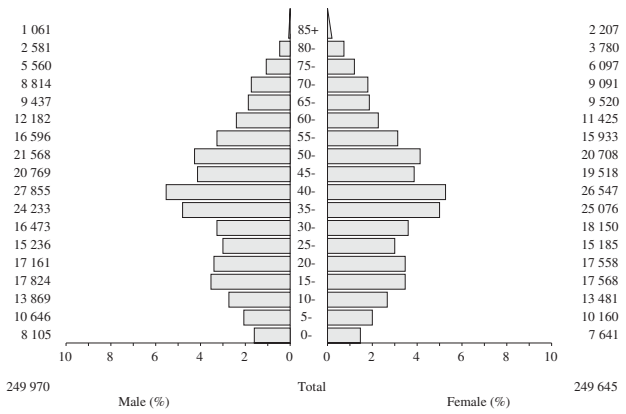
China, Jiaxing City (2005-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by the Jiaxing police department.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	52.4	Breast	27.6
Liver	29.3	Trachea, bronchus and lung	19.4
Stomach	23.3	Colon	12.9
Colon	15.0	Stomach	10.3
Oesophagus	12.7	Liver	10.2
Rectum	9.8	Rectum	7.6
Brain, nervous system	8.5	Brain, nervous system	7.2
Pancreas	8.4	Pancreas	7.0
Prostate	6.0	Thyroid	5.7
Bladder	6.0	Ovary	5.5
All sites	219.4	All sites	160.3

China, Jiaxing City (2005-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	2	0.1	0.3	**0.1**	0.01	0.02	2	0.1	0.3	**0.1**	0.00	0.02	*C00*
Tongue	16	0.6	2.1	**1.5**	0.07	0.19	3	0.2	0.4	**0.3**	0.01	0.05	*C01-02*
Mouth	2	0.1	0.3	**0.1**	0.01	0.01	4	0.2	0.5	**0.3**	0.02	0.02	*C03-06*
Salivary glands	3	0.1	0.4	**0.2**	0.00	0.06	5	0.3	0.7	**0.4**	0.01	0.05	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	2	0.1	0.3	**0.1**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.02	*C10*
Nasopharynx	45	1.8	6.0	**3.9**	0.33	0.44	21	1.1	2.8	**2.0**	0.18	0.19	*C11*
Hypopharynx	2	0.1	0.3	**0.2**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	149	6.0	19.9	**12.7**	0.61	1.56	38	2.1	5.1	**2.8**	0.07	0.32	*C15*
Stomach	272	11.0	36.3	**23.3**	1.27	2.70	122	6.6	16.3	**10.3**	0.54	1.13	*C16*
Small intestine	15	0.6	2.0	**1.3**	0.06	0.17	13	0.7	1.7	**1.0**	0.04	0.15	*C17*
Colon	170	6.9	22.7	**15.0**	0.76	1.74	151	8.2	20.2	**12.9**	0.70	1.60	*C18*
Rectum	115	4.7	15.3	**9.8**	0.52	1.24	94	5.1	12.6	**7.6**	0.41	0.89	*C19-20*
Anus	1	0.0	0.1	**0.1**	0.00	0.02	2	0.1	0.3	**0.1**	0.00	0.00	*C21*
Liver	353	14.3	47.1	**29.3**	1.60	3.37	126	6.8	16.8	**10.2**	0.48	1.27	*C22*
Gallbladder etc.	43	1.7	5.7	**4.2**	0.12	0.50	64	3.5	8.5	**4.9**	0.19	0.63	*C23-24*
Pancreas	100	4.1	13.3	**8.4**	0.39	1.26	89	4.8	11.9	**7.0**	0.34	0.83	*C25*
Nose, sinuses etc.	6	0.2	0.8	**0.6**	0.03	0.08	2	0.1	0.3	**0.2**	0.02	0.02	*C30-31*
Larynx	24	1.0	3.2	**2.0**	0.07	0.27	1	0.1	0.1	**0.1**	0.00	0.00	*C32*
Trachea, bronchus and lung	609	24.7	81.2	**52.4**	2.07	6.52	238	12.9	31.8	**19.4**	0.95	2.40	*C33-34*
Other thoracic organs	9	0.4	1.2	**1.0**	0.06	0.11	3	0.2	0.4	**0.3**	0.01	0.04	*C37-38*
Bone	15	0.6	2.0	**1.7**	0.09	0.11	14	0.8	1.9	**1.5**	0.10	0.13	*C40-41*
Melanoma of skin	7	0.3	0.9	**0.5**	0.04	0.08	5	0.3	0.7	**0.4**	0.04	0.05	*C43*
Other skin	24		3.2	**2.1**	0.08	0.21	18		2.4	**1.3**	0.05	0.12	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	18	0.7	2.4	**1.4**	0.09	0.17	13	0.7	1.7	**1.3**	0.08	0.14	*C47+C49*
Breast	6	0.2	0.8	**0.4**	0.02	0.03	311	16.9	41.5	**27.6**	2.25	3.00	*C50*
Vulva							6	0.3	0.8	**0.5**	0.05	0.05	*C51*
Vagina							1	0.1	0.1	**0.1**	0.01	0.01	*C52*
Cervix uteri							48	2.6	6.4	**4.3**	0.33	0.39	*C53*
Corpus uteri							44	2.4	5.9	**4.0**	0.38	0.40	*C54*
Uterus unspecified							6	0.3	0.8	**0.5**	0.05	0.07	*C55*
Ovary							63	3.4	8.4	**5.5**	0.44	0.60	*C56*
Other female genital organs							5	0.3	0.7	**0.5**	0.05	0.05	*C57*
Placenta							3	0.2	0.4	**0.4**	0.02	0.02	*C58*
Penis	5	0.2	0.7	**0.4**	0.03	0.03							*C60*
Prostate	70	2.8	9.3	**6.0**	0.09	0.59							*C61*
Testis	3	0.1	0.4	**0.2**	0.02	0.02							*C62*
Other male genital organs	4	0.2	0.5	**0.4**	0.02	0.02							*C63*
Kidney	46	1.9	6.1	**4.0**	0.25	0.46	16	0.9	2.1	**1.3**	0.07	0.14	*C64*
Renal pelvis	8	0.3	1.1	**0.7**	0.05	0.09	5	0.3	0.7	**0.4**	0.00	0.05	*C65*
Ureter	3	0.1	0.4	**0.3**	0.01	0.01	2	0.1	0.3	**0.2**	0.01	0.03	*C66*
Bladder	72	2.9	9.6	**6.0**	0.25	0.64	21	1.1	2.8	**1.6**	0.07	0.12	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	69	2.8	9.2	**8.5**	0.47	0.69	78	4.2	10.4	**7.2**	0.44	0.80	*C70-72*
Thyroid	19	0.8	2.5	**1.7**	0.10	0.19	61	3.3	8.1	**5.7**	0.43	0.62	*C73*
Adrenal gland	3	0.1	0.4	**0.6**	0.03	0.05	3	0.2	0.4	**0.2**	0.03	0.03	*C74*
Other endocrine	24	1.0	3.2	**2.6**	0.15	0.29	21	1.1	2.8	**2.1**	0.14	0.18	*C75*
Hodgkin lymphoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C81*
Non-Hodgkin lymphoma	52	2.1	6.9	**4.5**	0.23	0.45	38	2.1	5.1	**3.3**	0.18	0.44	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	11	0.4	1.5	**0.9**	0.05	0.09	14	0.8	1.9	**1.1**	0.05	0.16	*C90*
Lymphoid leukaemia	18	0.7	2.4	**2.5**	0.12	0.23	13	0.7	1.7	**2.2**	0.13	0.14	*C91*
Myeloid leukaemia	25	1.0	3.3	**2.9**	0.19	0.28	29	1.6	3.9	**2.7**	0.21	0.25	*C92-94*
Leukaemia unspecified	5	0.2	0.7	**0.5**	0.03	0.03	10	0.5	1.3	**1.4**	0.08	0.11	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	46	1.9	6.1	**4.1**	0.12	0.38	34	1.8	4.5	**2.8**	0.09	0.31	*O&U*
All sites	2491		332.2	**219.4**	10.51	25.41	1862		248.6	**160.3**	9.78	18.07	*C00-96*
All sites except C44	2467	100.0	329.0	**217.3**	10.43	25.21	1844	100.0	246.2	**159.0**	9.73	17.96	*C00-96 exc. C44*

China, Macao

REGISTRATION AREA

The Macao Cancer Registry covers the Macao Special Administrative Region of China, which has a total area of about 30 km^2 and consists of a peninsula and two islands that have been connected through land reclamation. Macao is bordered by the Pearl River Delta to the east, Guangdong Province to the north and west, and the South China Sea to the south. The population is about 500 000.

CANCER CARE FACILITIES

There is one major public hospital (Conde S. Januário Hospital) and two private hospitals (Kiang Wu Hospital and the Macau University of Science and Technology Hospital). All three are general hospitals. The public hospital provides free services for residents diagnosed with cancer. The government also subsidizes the Hospice and Palliative Care Centre of Kiang Wu Hospital, which began providing hospice care to patients with terminal illnesses in 2000. Macao has six health centres that provide free family medicine and community prevention services to residents.

REGISTRY STRUCTURE AND METHODS

The registry's primary source of information is reports submitted by physicians and pathologists (mainly those working at local hospitals that provide pathological diagnosis and cancer care) directly to the management unit of the registry within Macao's Health Bureau. For the purpose of annual analyses, information on cancer deaths is also registered from death certificates. The reports from various sources are collated and checked for duplicates. Case verification and data validation are performed to ensure data quality.

USE OF THE DATA

The registry provides information on the general cancer situation and trends in Macao. Registry data are analysed to generate annual summary statistics (including incidence, mortality, and survival), which are provided to policy-makers, academics, and the general public. The registry publishes an annual report in print and online. The registry also provides additional anonymized data to researchers and policy-makers. A report on cancer survival was published in 2010.

CONTRIBUTORS

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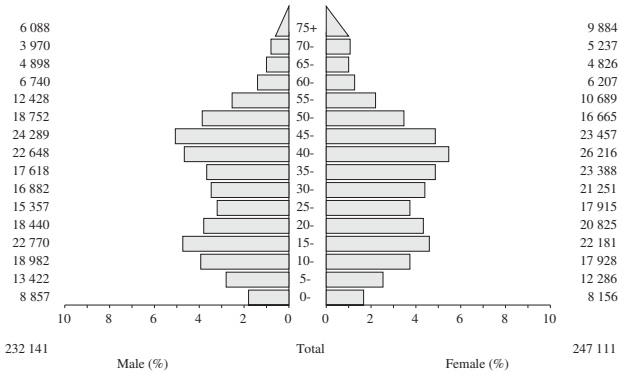
China, Macao (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on annual government statistics.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	39.8	Breast	38.9
Prostate	30.8	Trachea, bronchus and lung	17.1
Liver	20.2	Colon	16.5
Colon	18.6	Cervix uteri	8.9
Nasopharynx	15.7	Thyroid	8.5
Stomach	14.2	Rectum	8.0
Bladder	10.0	Nasopharynx	6.7
Rectum	9.2	Corpus uteri	5.7
Oesophagus	7.0	Stomach	5.6
Non-melanoma skin cancer	6.4	Liver	5.4
All sites	217.6	All sites	160.9

China, Macao (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.1	0.2	**0.1**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	19	0.7	1.6	**1.3**	0.08	0.13	19	0.8	1.5	**1.1**	0.04	0.12	*C01-02*
Mouth	12	0.5	1.0	**1.1**	0.04	0.15	12	0.5	1.0	**0.7**	0.02	0.08	*C03-06*
Salivary glands	11	0.4	0.9	**0.9**	0.07	0.11	5	0.2	0.4	**0.4**	0.04	0.04	*C07-08*
Tonsil	3	0.1	0.3	**0.2**	0.02	0.02	2	0.1	0.2	**0.2**	0.01	0.03	*C09*
Other oropharynx	6	0.2	0.5	**0.5**	0.03	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	246	9.3	21.2	**15.7**	1.32	1.66	104	4.3	8.4	**6.7**	0.46	0.78	*C11*
Hypopharynx	11	0.4	0.9	**1.0**	0.06	0.13	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.1	0.2	**0.1**	0.01	0.01	2	0.1	0.2	**0.1**	0.00	0.00	*C14*
Oesophagus	93	3.5	8.0	**7.0**	0.42	0.83	15	0.6	1.2	**0.9**	0.05	0.11	*C15*
Stomach	180	6.8	15.5	**14.2**	0.59	1.58	85	3.5	6.9	**5.6**	0.30	0.64	*C16*
Small intestine	16	0.6	1.4	**1.3**	0.07	0.16	11	0.4	0.9	**0.7**	0.04	0.10	*C17*
Colon	228	8.6	19.6	**18.6**	0.85	2.20	255	10.4	20.6	**16.5**	0.73	1.90	*C18*
Rectum	125	4.7	10.8	**9.2**	0.55	1.05	126	5.1	10.2	**8.0**	0.43	0.88	*C19-20*
Anus	5	0.2	0.4	**0.3**	0.01	0.01	7	0.3	0.6	**0.4**	0.02	0.04	*C21*
Liver	252	9.5	21.7	**20.2**	1.14	2.47	84	3.4	6.8	**5.4**	0.24	0.58	*C22*
Gallbladder etc.	31	1.2	2.7	**2.2**	0.06	0.23	31	1.3	2.5	**1.8**	0.06	0.19	*C23-24*
Pancreas	43	1.6	3.7	**3.5**	0.12	0.47	24	1.0	1.9	**1.5**	0.06	0.14	*C25*
Nose, sinuses etc.	8	0.3	0.7	**0.6**	0.04	0.09	5	0.2	0.4	**0.3**	0.00	0.04	*C30-31*
Larynx	38	1.4	3.3	**3.0**	0.14	0.36	4	0.2	0.3	**0.2**	0.01	0.01	*C32*
Trachea, bronchus and lung	488	18.4	42.0	**39.8**	1.75	4.85	259	10.6	21.0	**17.1**	0.92	1.98	*C33-34*
Other thoracic organs	10	0.4	0.9	**0.7**	0.06	0.08	8	0.3	0.6	**0.5**	0.03	0.05	*C37-38*
Bone	10	0.4	0.9	**0.8**	0.04	0.09	11	0.4	0.9	**1.1**	0.07	0.11	*C40-41*
Melanoma of skin	2	0.1	0.2	**0.1**	0.01	0.01	6	0.2	0.5	**0.4**	0.01	0.05	*C43*
Other skin	81		7.0	**6.4**	0.36	0.66	62		5.0	**3.9**	0.20	0.38	*C44*
Mesothelioma	1	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	20	0.8	1.7	**1.8**	0.07	0.16	7	0.3	0.6	**0.4**	0.03	0.05	*C47+C49*
Breast	1	0.0	0.1	**0.1**	0.00	0.03	613	25.1	49.6	**38.9**	2.92	4.23	*C50*
Vulva							3	0.1	0.2	**0.2**	0.01	0.01	*C51*
Vagina							6	0.2	0.5	**0.4**	0.01	0.05	*C52*
Cervix uteri							148	6.0	12.0	**8.9**	0.76	0.95	*C53*
Corpus uteri							85	3.5	6.9	**5.7**	0.45	0.65	*C54*
Uterus unspecified							25	1.0	2.0	**1.6**	0.13	0.16	*C55*
Ovary							60	2.5	4.9	**3.8**	0.27	0.43	*C56*
Other female genital organs							14	0.6	1.1	**0.9**	0.06	0.12	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	4	0.2	0.3	**0.3**	0.00	0.03							*C60*
Prostate	361	13.6	31.1	**30.8**	0.53	3.54							*C61*
Testis	16	0.6	1.4	**1.4**	0.06	0.11							*C62*
Other male genital organs	2	0.1	0.2	**0.2**	0.01	0.03							*C63*
Kidney	31	1.2	2.7	**2.5**	0.10	0.27	24	1.0	1.9	**1.8**	0.13	0.25	*C64*
Renal pelvis	1	0.0	0.1	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C65*
Ureter	2	0.1	0.2	**0.2**	0.00	0.05	5	0.2	0.4	**0.3**	0.02	0.04	*C66*
Bladder	119	4.5	10.3	**10.0**	0.42	1.28	41	1.7	3.3	**2.3**	0.04	0.22	*C67*
Other urinary organs	1	0.0	0.1	**0.1**	0.00	0.02	5	0.2	0.4	**0.4**	0.00	0.04	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	24	0.9	2.1	**2.0**	0.14	0.18	17	0.7	1.4	**1.1**	0.07	0.09	*C70-72*
Thyroid	31	1.2	2.7	**2.4**	0.16	0.25	138	5.6	11.2	**8.5**	0.62	0.85	*C73*
Adrenal gland	3	0.1	0.3	**0.2**	0.02	0.02	2	0.1	0.2	**0.6**	0.02	0.02	*C74*
Other endocrine	2	0.1	0.2	**0.2**	0.01	0.01	2	0.1	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	7	0.3	0.6	**0.6**	0.03	0.05	3	0.1	0.2	**0.3**	0.02	0.04	*C81*
Non-Hodgkin lymphoma	66	2.5	5.7	**5.3**	0.29	0.57	69	2.8	5.6	**4.4**	0.27	0.42	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	17	0.6	1.5	**1.4**	0.08	0.22	10	0.4	0.8	**0.6**	0.01	0.06	*C90*
Lymphoid leukaemia	16	0.6	1.4	**1.5**	0.10	0.14	10	0.4	0.8	**0.8**	0.04	0.04	*C91*
Myeloid leukaemia	27	1.0	2.3	**2.8**	0.16	0.23	27	1.1	2.2	**1.4**	0.07	0.11	*C92-94*
Leukaemia unspecified	4	0.2	0.3	**0.3**	0.01	0.04	1	0.0	0.1	**0.1**	0.00	0.02	*C95*
Myeloproliferative disorders	3	0.1	0.3	**0.2**	0.01	0.03	4	0.2	0.3	**0.4**	0.01	0.03	*MPD*
Myelodysplastic syndromes	3	0.1	0.3	**0.2**	0.01	0.04	3	0.1	0.2	**0.2**	0.01	0.01	*MDS*
Other and unspecified	56	2.1	4.8	**4.7**	0.17	0.50	47	1.9	3.8	**3.1**	0.14	0.39	*O&U*
All sites	2740		236.1	**217.6**	10.22	25.21	2509		203.1	**160.9**	9.84	17.57	*C00-96*
All sites except C44	2659	100.0	229.1	**211.2**	9.86	24.55	2447	100.0	198.0	**157.1**	9.65	17.19	*C00-96 exc. C44*

§Includes 5 cases of unknown age

§Includes 3 cases of unknown age

China, Qidong County

REGISTRATION AREA

The Qidong Cancer Registry covers the county-level city of Qidong in Jiangsu Province in China. Qidong is located on the banks of the Yellow Sea at the mouth of the Yangtze River, to the north of Shanghai. It has six districts (Huilong, Qixi, Jianghai, Haidong, Wangbao, and Lusi) and a total area of 1208 km^2. In 2007, the population was 1.1 million.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1972, and a vital statistics system for all deaths was established in 1974. Both initiatives are supervised by the Qidong Liver Cancer Institute (QDLCI). The registry uses active and passive data collection methods. All data received from smaller registries and hospitals are checked against cancer report lists and death-certificate-notified (DCN) cases to identify missing cases and prevent duplicate registration. New cancer cases in the catchment area are recorded, checked, and reported to the registry. If the registry receives a death notification before any other notifications of a new case, the patient's medical records are reviewed and a home visit may be carried out to obtain further information. As a result of this process, the proportion of death-certificate-only (DCO) cases is very low. The registry uses ICD-10 for coding the sites of malignant tumours, and ICD-O-3 for coding their histology. DEPedits software is used to prepare the data.

USE OF THE DATA

Registry data have been used mainly for epidemiological and etiological research investigating cancer of the liver (and other sites), other cancer research projects, monitoring of treatment outcomes, and government and health department decision-making for disease control. The registry publishes an annual report on cancer incidence and mortality, and special studies (such as screening evaluations, survival analyses, and studies on chemoprevention of liver cancer) have been performed. Registry data have been published in Chinese and international peer-reviewed journals.

CONTRIBUTORS

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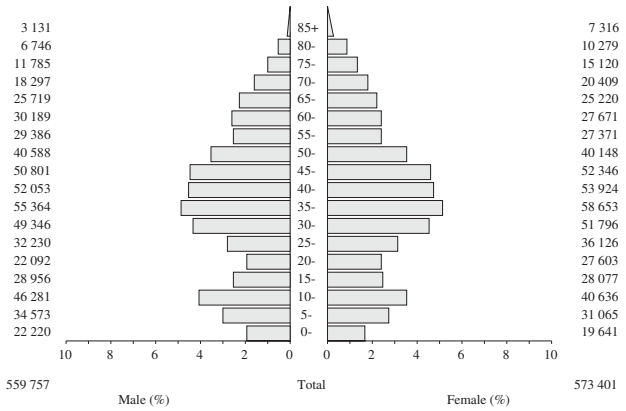
China, Qidong County (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the household registration office of the Public Security Bureau.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Liver	77.5	Liver	26.1
Trachea, bronchus and lung	55.2	Trachea, bronchus and lung	19.6
Stomach	30.9	Stomach	15.8
Oesophagus	10.6	Breast	15.3
Rectum	8.3	Rectum	6.8
Pancreas	7.0	Cervix uteri	4.7
Colon	5.2	Brain, nervous system	4.7
Bladder	5.2	Pancreas	4.5
Brain, nervous system	4.9	Colon	4.3
Non-Hodgkin lymphoma	4.9	Oesophagus	3.9
All sites	234.5	All sites	130.4

China, Qidong County (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.0	0.1	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	8	0.1	0.3	**0.2**	0.01	0.03	9	0.1	0.3	**0.2**	0.01	0.02	*C01-02*
Mouth	13	0.1	0.5	**0.3**	0.02	0.05	12	0.2	0.4	**0.3**	0.02	0.03	*C03-06*
Salivary glands	19	0.2	0.7	**0.4**	0.03	0.05	2	0.0	0.1	**0.0**	0.00	0.00	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	4	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	76	0.8	2.7	**1.9**	0.14	0.19	38	0.6	1.3	**0.8**	0.06	0.09	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	468	4.7	16.7	**10.6**	0.47	1.26	219	3.6	7.6	**3.9**	0.12	0.44	*C15*
Stomach	1360	13.6	48.6	**30.9**	1.61	3.73	804	13.3	28.0	**15.8**	0.79	1.76	*C16*
Small intestine	18	0.2	0.6	**0.4**	0.02	0.06	25	0.4	0.9	**0.5**	0.02	0.04	*C17*
Colon	230	2.3	8.2	**5.2**	0.26	0.61	216	3.6	7.5	**4.3**	0.23	0.50	*C18*
Rectum	369	3.7	13.2	**8.3**	0.39	0.99	348	5.8	12.1	**6.8**	0.37	0.73	*C19-20*
Anus	5	0.0	0.2	**0.1**	0.01	0.01	7	0.1	0.2	**0.1**	0.01	0.02	*C21*
Liver	3261	32.5	116.5	**77.5**	5.97	8.34	1192	19.8	41.6	**26.1**	1.78	2.95	*C22*
Gallbladder etc.	60	0.6	2.1	**1.4**	0.08	0.15	75	1.2	2.6	**1.4**	0.07	0.16	*C23-24*
Pancreas	313	3.1	11.2	**7.0**	0.29	0.84	229	3.8	8.0	**4.5**	0.21	0.59	*C25*
Nose, sinuses etc.	21	0.2	0.8	**0.6**	0.04	0.05	8	0.1	0.3	**0.2**	0.01	0.03	*C30-31*
Larynx	45	0.4	1.6	**1.1**	0.07	0.14	8	0.1	0.3	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	2457	24.5	87.8	**55.2**	2.53	6.94	959	15.9	33.4	**19.6**	1.05	2.34	*C33-34*
Other thoracic organs	26	0.3	0.9	**0.7**	0.04	0.07	19	0.3	0.7	**0.4**	0.03	0.06	*C37-38*
Bone	51	0.5	1.8	**1.2**	0.08	0.16	49	0.8	1.7	**1.1**	0.08	0.11	*C40-41*
Melanoma of skin	8	0.1	0.3	**0.2**	0.01	0.03	9	0.1	0.3	**0.2**	0.01	0.02	*C43*
Other skin	48		1.7	**1.1**	0.02	0.09	47		1.6	**0.9**	0.04	0.08	*C44*
Mesothelioma	3	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	11	0.1	0.4	**0.3**	0.03	0.03	6	0.1	0.2	**0.1**	0.01	0.01	*C47+C49*
Breast	11	0.1	0.4	**0.3**	0.02	0.03	646	10.7	22.5	**15.3**	1.29	1.65	*C50*
Vulva							3	0.0	0.1	**0.0**	0.00	0.00	*C51*
Vagina							2	0.0	0.1	**0.1**	0.01	0.01	*C52*
Cervix uteri							194	3.2	6.8	**4.7**	0.38	0.47	*C53*
Corpus uteri							77	1.3	2.7	**1.9**	0.17	0.23	*C54*
Uterus unspecified							39	0.6	1.4	**0.9**	0.07	0.08	*C55*
Ovary							112	1.9	3.9	**2.8**	0.22	0.30	*C56*
Other female genital organs							2	0.0	0.1	**0.0**	0.00	0.00	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	11	0.1	0.4	**0.3**	0.02	0.02							*C60*
Prostate	159	1.6	5.7	**3.3**	0.03	0.34							*C61*
Testis	14	0.1	0.5	**0.3**	0.02	0.03							*C62*
Other male genital organs	2	0.0	0.1	**0.0**	0.00	0.01							*C63*
Kidney	49	0.5	1.8	**1.1**	0.08	0.12	26	0.4	0.9	**0.6**	0.04	0.07	*C64*
Renal pelvis	7	0.1	0.3	**0.2**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	4	0.0	0.1	**0.1**	0.01	0.01	5	0.1	0.2	**0.1**	0.01	0.01	*C66*
Bladder	237	2.4	8.5	**5.2**	0.19	0.54	69	1.1	2.4	**1.2**	0.04	0.10	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	5	0.0	0.2	**0.1**	0.01	0.01	4	0.1	0.1	**0.1**	0.00	0.01	*C69*
Brain, nervous system	191	1.9	6.8	**4.9**	0.29	0.57	187	3.1	6.5	**4.7**	0.32	0.50	*C70-72*
Thyroid	17	0.2	0.6	**0.4**	0.03	0.04	59	1.0	2.1	**1.5**	0.12	0.14	*C73*
Adrenal gland	4	0.0	0.1	**0.2**	0.01	0.02	5	0.1	0.2	**0.1**	0.01	0.01	*C74*
Other endocrine	2	0.0	0.1	**0.0**	0.00	0.00	4	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	6	0.1	0.2	**0.1**	0.00	0.01	6	0.1	0.2	**0.1**	0.01	0.02	*C81*
Non-Hodgkin lymphoma	188	1.9	6.7	**4.9**	0.32	0.53	109	1.8	3.8	**2.4**	0.15	0.32	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	78	0.8	2.8	**1.8**	0.10	0.23	55	0.9	1.9	**1.4**	0.11	0.19	*C90*
Lymphoid leukaemia	33	0.3	1.2	**1.1**	0.06	0.09	34	0.6	1.2	**1.1**	0.07	0.10	*C91*
Myeloid leukaemia	81	0.8	2.9	**2.6**	0.15	0.26	64	1.1	2.2	**1.9**	0.13	0.17	*C92-94*
Leukaemia unspecified	67	0.7	2.4	**2.1**	0.12	0.21	47	0.8	1.6	**1.1**	0.07	0.12	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	27	0.3	1.0	**0.6**	0.03	0.06	34	0.6	1.2	**0.7**	0.05	0.07	*O&U*
All sites	10071		359.8	**234.5**	13.63	26.99	6070		211.7	**130.4**	8.23	14.59	*C00-96*
All sites except C44	10023	100.0	358.1	**233.5**	13.61	26.90	6023	100.0	210.1	**129.5**	8.20	14.51	*C00-96 exc. C44*

China, Shanghai City

REGISTRATION AREA

The municipality of Shanghai is located on the east coast of China. It has a total area of 6340.5 km^2 and a population of about 13.5 million, and is divided into 16 districts and one county. During the 2003–2007 reporting period, the Shanghai Cancer Registry covered nine of Shanghai's urban districts, with a covered area of about 289.4 km^2 and a covered population of 6.2 million.

CANCER CARE FACILITIES

Shanghai has a three-level general health care network made up of more than 400 hospitals and community health service centres. The first-level facilities are the community health service centres, which provide predominantly primary health care. The second-level facilities are the district hospitals, most of which have an oncology department. The third-level facilities are the general and specialized hospitals. Most second- and third-level facilities are equipped to diagnose and treat cancer.

REGISTRY STRUCTURE AND METHODS

The registry is affiliated with the Shanghai Municipal Center for Disease Control and Prevention (CDC) and is staffed by two senior and three junior epidemiologists, two statisticians, and an assistant statistician. About 20 other epidemiologists and 20 assistants in local CDCs are also involved. All medical facilities that diagnose and treat cancer (about 180) are required to report all newly diagnosed cancers and benign tumours of the central nervous system, using a standardized notification card. Data linkage with the permanent resident registry is also used, together with home visits (when necessary), to determine whether a given patient is a permanent resident. The data on cancer notification cards are computerized using specially designed software that recognizes Chinese characters. Cancer patients' death certificates are obtained monthly from the Shanghai Vital Statistics database, and collated with the registry database.

USE OF THE DATA

The registry publishes the annual *Shanghai Cancer Report* and provides data for evaluating cancer control programmes.

CONTRIBUTORS

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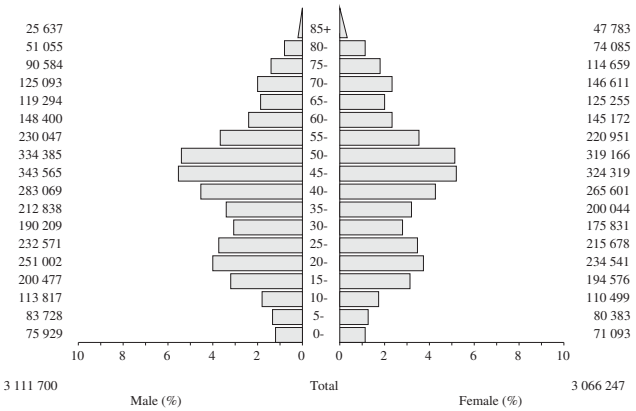
China, Shanghai City (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the real-time population registry system (covering permanent Shanghai residents) established by the Shanghai Municipal Bureau of Public Security in 2005 (for 2005–2007). Estimates for 2003 and 2004 interpolated based on the 2000 census and real-time population data for 2005.

NOTES ON THE DATA

*Low MV%.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	40.9	Breast	39.2
Stomach	26.6	Trachea, bronchus and lung	18.1
Liver	21.7	Colon	14.8
Colon	16.0	Stomach	14.1
Rectum	11.6	Thyroid	9.1
Prostate	10.5	Rectum	8.3
Bladder	8.0	Ovary	7.6
Pancreas	7.0	Liver	7.1
Oesophagus	6.6	Brain, nervous system	6.2
Kidney	6.3	Corpus uteri	5.8
All sites	204.8	All sites	179.1

*China, Shanghai City (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	21	0.0	0.1	**0.1**	0.00	0.01	23	0.0	0.2	**0.1**	0.01	0.01	*C00*
Tongue	180	0.3	1.2	**0.7**	0.04	0.08	159	0.3	1.0	**0.5**	0.03	0.06	*C01-02*
Mouth	225	0.4	1.4	**0.8**	0.04	0.09	164	0.3	1.1	**0.5**	0.02	0.06	*C03-06*
Salivary glands	144	0.2	0.9	**0.5**	0.03	0.06	129	0.2	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	28	0.0	0.2	**0.1**	0.00	0.01	6	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	46	0.1	0.3	**0.2**	0.01	0.02	8	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	953	1.6	6.1	**3.7**	0.28	0.40	363	0.7	2.4	**1.4**	0.10	0.15	*C11*
Hypopharynx	52	0.1	0.3	**0.2**	0.01	0.02	6	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	33	0.1	0.2	**0.1**	0.01	0.01	9	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	2017	3.4	13.0	**6.6**	0.28	0.71	791	1.5	5.2	**1.9**	0.04	0.21	*C15*
Stomach	7959	13.6	51.2	**26.6**	1.19	3.06	4728	8.9	30.8	**14.1**	0.70	1.56	*C16*
Small intestine	291	0.5	1.9	**1.1**	0.05	0.13	255	0.5	1.7	**0.8**	0.04	0.10	*C17*
Colon	4738	8.1	30.5	**16.0**	0.66	1.89	4952	9.3	32.3	**14.8**	0.67	1.79	*C18*
Rectum	3329	5.7	21.4	**11.6**	0.56	1.38	2697	5.1	17.6	**8.3**	0.43	0.99	*C19-20*
Anus	70	0.1	0.4	**0.2**	0.01	0.02	67	0.1	0.4	**0.2**	0.01	0.02	*C21*
Liver	6128	10.5	39.4	**21.7**	1.35	2.41	2419	4.5	15.8	**7.1**	0.32	0.80	*C22*
Gallbladder etc.	920	1.6	5.9	**2.9**	0.09	0.32	1599	3.0	10.4	**4.2**	0.13	0.44	*C23-24*
Pancreas	2100	3.6	13.5	**7.0**	0.29	0.78	1901	3.6	12.4	**5.3**	0.20	0.62	*C25*
Nose, sinuses etc.	137	0.2	0.9	**0.6**	0.04	0.06	69	0.1	0.5	**0.2**	0.01	0.02	*C30-31*
Larynx	686	1.2	4.4	**2.4**	0.12	0.28	71	0.1	0.5	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	12413	21.2	79.8	**40.9**	1.58	4.67	6238	11.7	40.7	**18.1**	0.79	2.12	*C33-34*
Other thoracic organs	269	0.5	1.7	**1.1**	0.07	0.11	194	0.4	1.3	**0.8**	0.05	0.08	*C37-38*
Bone	263	0.4	1.7	**1.1**	0.07	0.10	250	0.5	1.6	**1.1**	0.05	0.10	*C40-41*
Melanoma of skin	142	0.2	0.9	**0.5**	0.02	0.06	124	0.2	0.8	**0.4**	0.03	0.05	*C43*
Other skin	559		3.6	**1.9**	0.09	0.20	522		3.4	**1.6**	0.08	0.17	*C44*
Mesothelioma	39	0.1	0.3	**0.1**	0.01	0.01	30	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	369	0.6	2.4	**1.6**	0.09	0.15	331	0.6	2.2	**1.4**	0.08	0.13	*C47+C49*
Breast	90	0.2	0.6	**0.3**	0.02	0.04	10695	20.0	69.8	**39.2**	3.01	4.31	*C50*
Vulva							98	0.2	0.6	**0.3**	0.01	0.03	*C51*
Vagina							39	0.1	0.3	**0.1**	0.01	0.01	*C52*
Cervix uteri							1038	1.9	6.8	**4.2**	0.32	0.39	*C53*
Corpus uteri							1608	3.0	10.5	**5.8**	0.45	0.68	*C54*
Uterus unspecified							217	0.4	1.4	**0.7**	0.05	0.08	*C55*
Ovary							1974	3.7	12.9	**7.6**	0.56	0.80	*C56*
Other female genital organs							108	0.2	0.7	**0.4**	0.03	0.05	*C57*
Placenta							8	0.0	0.1	**0.0**	0.00	0.00	*C58*
Penis	107	0.2	0.7	**0.3**	0.02	0.04							*C60*
Prostate	3367	5.8	21.6	**10.5**	0.16	1.15							*C61*
Testis	122	0.2	0.8	**0.7**	0.05	0.05							*C62*
Other male genital organs	100	0.2	0.6	**0.4**	0.01	0.04							*C63*
Kidney	1736	3.0	11.2	**6.3**	0.41	0.71	956	1.8	6.2	**3.3**	0.20	0.37	*C64*
Renal pelvis	131	0.2	0.8	**0.5**	0.02	0.06	91	0.2	0.6	**0.2**	0.01	0.03	*C65*
Ureter	118	0.2	0.8	**0.4**	0.01	0.05	109	0.2	0.7	**0.3**	0.01	0.04	*C66*
Bladder	2435	4.2	15.7	**8.0**	0.27	0.86	810	1.5	5.3	**2.3**	0.08	0.26	*C67*
Other urinary organs	25	0.0	0.2	**0.1**	0.00	0.01	15	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	36	0.1	0.2	**0.2**	0.01	0.02	44	0.1	0.3	**0.2**	0.01	0.02	*C69*
Brain, nervous system	1287	2.2	8.3	**5.4**	0.33	0.55	1690	3.2	11.0	**6.2**	0.38	0.67	*C70-72*
Thyroid	615	1.1	4.0	**2.6**	0.20	0.26	2100	3.9	13.7	**9.1**	0.73	0.87	*C73*
Adrenal gland	48	0.1	0.3	**0.2**	0.01	0.02	38	0.1	0.2	**0.1**	0.01	0.01	*C74*
Other endocrine	347	0.6	2.2	**1.5**	0.09	0.16	430	0.8	2.8	**1.9**	0.14	0.18	*C75*
Hodgkin lymphoma	49	0.1	0.3	**0.2**	0.02	0.02	31	0.1	0.2	**0.2**	0.01	0.01	*C81*
Non-Hodgkin lymphoma	1383	2.4	8.9	**5.4**	0.29	0.56	1091	2.0	7.1	**3.9**	0.21	0.42	*C82-85,C96*
Immunoproliferative diseases	10	0.0	0.1	**0.0**	0.00	0.00	3	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	356	0.6	2.3	**1.3**	0.06	0.16	309	0.6	2.0	**1.0**	0.05	0.12	*C90*
Lymphoid leukaemia	274	0.5	1.8	**1.8**	0.08	0.13	164	0.3	1.1	**1.3**	0.07	0.08	*C91*
Myeloid leukaemia	585	1.0	3.8	**2.5**	0.14	0.23	456	0.9	3.0	**1.9**	0.12	0.19	*C92-94*
Leukaemia unspecified	198	0.3	1.3	**0.7**	0.03	0.08	178	0.3	1.2	**0.7**	0.03	0.07	*C95*
Myeloproliferative disorders	3	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1506	2.6	9.7	**5.2**	0.20	0.50	1510	2.8	9.8	**4.3**	0.18	0.43	*O&U*
All sites	59039		379.5	**204.8**	9.46	22.73	53916		351.7	**179.1**	10.51	19.72	*C00-96*
All sites except C44	58480	100.0	375.9	**202.8**	9.36	22.54	53394	100.0	348.3	**177.5**	10.43	19.56	*C00-96 exc. C44*

*See note following population pyramid

China, Wuhan City

REGISTRATION AREA
Wuhan is the largest city in central China, with a population of about 8 million (97% Han Chinese). It is an industrial and commercial city and the capital of Hubei Province. The Wuhan Cancer Registry covers 9 of the city's 13 districts. In 2005, the covered population was 4.7 million.

CANCER CARE FACILITIES
There are several types of hospitals in Wuhan. National, provincial, and municipal hospitals and most district hospitals provide radiotherapy, cancer surgery, and chemotherapy services. The Hubei Cancer Hospital specializes in cancer diagnosis and treatment.

REGISTRY STRUCTURE AND METHODS
The registry was established in 1980 by the Wuhan Center for Disease Prevention and Control (CDC) and is staffed by 19 full-time registrars and 20 part-time medical officers. Medical facilities are required by Wuhan Public Health Bureau regulations to report all newly diagnosed cancers, as well as benign tumours of the central nervous system. Physicians complete standardized notification cards, and each medical facility has a special department that collects the cards and submits them to the registry. Registry staff members check, code, and file the cards according to year, sex, permanent residence, and ICD code. They also determine whether each case has already been reported, to avoid duplication. Cancer patients' death certificates are collected from the Vital Statistics Section of the Wuhan CDC and compared against the registry database. If a deceased patient's case is already registered, his or her vital status is updated. If not, registry staff members interview relatives to obtain more complete information.

INTERPRETING THE RESULTS
Wuhan has a full range of diagnostic facilities, so it is unlikely that cases will be missed due to referral outside of the registration area.

USE OF THE DATA
The registry produces an annual report on cancer incidence and mortality for the Wuhan Public Health Bureau. Registry data are also used in epidemiological studies.

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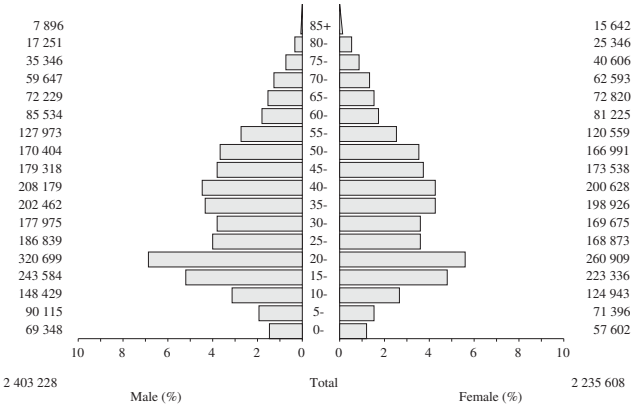
China, Wuhan City (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on annual census data compiled by the Wuhan Bureau of Public Security.

NOTES ON THE DATA
*No DCO registrations. High MV%.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	56.2	Breast	30.3
Liver	27.8	Trachea, bronchus and lung	19.6
Stomach	25.5	Stomach	12.2
Rectum	10.8	Colon	9.1
Oesophagus	10.7	Liver	8.5
Colon	9.8	Rectum	8.1
Bladder	8.0	Ovary	7.1
Brain, nervous system	5.7	Cervix uteri	6.5
Prostate	5.5	Brain, nervous system	6.4
Non-Hodgkin lymphoma	5.5	Thyroid	4.8
All sites	209.1	All sites	156.9

*China, Wuhan City (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	13	0.0	0.1	**0.1**	0.01	0.01	4	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	89	0.3	0.7	**0.6**	0.04	0.08	65	0.3	0.6	**0.4**	0.02	0.05	*C01-02*
Mouth	114	0.4	0.9	**0.8**	0.05	0.10	74	0.3	0.7	**0.5**	0.02	0.06	*C03-06*
Salivary glands	77	0.3	0.6	**0.6**	0.04	0.05	76	0.3	0.7	**0.5**	0.04	0.06	*C07-08*
Tonsil	12	0.0	0.1	**0.1**	0.01	0.01	9	0.0	0.1	**0.1**	0.00	0.01	*C09*
Other oropharynx	23	0.1	0.2	**0.2**	0.01	0.02	7	0.0	0.1	**0.0**	0.00	0.01	*C10*
Nasopharynx	538	1.8	4.5	**3.6**	0.29	0.41	207	0.9	1.9	**1.4**	0.10	0.15	*C11*
Hypopharynx	33	0.1	0.3	**0.2**	0.01	0.03	5	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	25	0.1	0.2	**0.2**	0.01	0.02	11	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	1528	5.2	12.7	**10.7**	0.54	1.30	536	2.4	4.8	**3.6**	0.15	0.45	*C15*
Stomach	3673	12.5	30.6	**25.5**	1.40	3.10	1837	8.1	16.4	**12.2**	0.71	1.44	*C16*
Small intestine	120	0.4	1.0	**0.8**	0.05	0.11	95	0.4	0.8	**0.6**	0.04	0.08	*C17*
Colon	1407	4.8	11.7	**9.8**	0.48	1.19	1334	5.9	11.9	**9.1**	0.49	1.17	*C18*
Rectum	1542	5.2	12.8	**10.8**	0.59	1.33	1209	5.3	10.8	**8.1**	0.46	1.02	*C19-20*
Anus	40	0.1	0.3	**0.3**	0.02	0.03	39	0.2	0.3	**0.3**	0.01	0.03	*C21*
Liver	4061	13.8	33.8	**27.8**	1.77	3.16	1271	5.6	11.4	**8.5**	0.42	1.03	*C22*
Gallbladder etc.	315	1.1	2.6	**2.2**	0.10	0.25	419	1.8	3.7	**2.8**	0.12	0.36	*C23-24*
Pancreas	662	2.2	5.5	**4.6**	0.23	0.59	550	2.4	4.9	**3.6**	0.16	0.45	*C25*
Nose, sinuses etc.	78	0.3	0.6	**0.5**	0.04	0.07	39	0.2	0.3	**0.3**	0.02	0.03	*C30-31*
Larynx	509	1.7	4.2	**3.6**	0.20	0.46	74	0.3	0.7	**0.5**	0.02	0.05	*C32*
Trachea, bronchus and lung	7963	27.0	66.3	**56.2**	2.56	7.19	2930	12.9	26.2	**19.6**	0.97	2.48	*C33-34*
Other thoracic organs	152	0.5	1.3	**1.1**	0.06	0.13	80	0.4	0.7	**0.6**	0.03	0.06	*C37-38*
Bone	273	0.9	2.3	**2.0**	0.10	0.23	164	0.7	1.5	**1.4**	0.08	0.14	*C40-41*
Melanoma of skin	74	0.3	0.6	**0.5**	0.03	0.06	49	0.2	0.4	**0.3**	0.02	0.04	*C43*
Other skin	132		1.1	**0.9**	0.05	0.10	96		0.9	**0.6**	0.04	0.07	*C44*
Mesothelioma	48	0.2	0.4	**0.3**	0.02	0.04	36	0.2	0.3	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	186	0.6	1.5	**1.4**	0.09	0.15	155	0.7	1.4	**1.2**	0.08	0.11	*C47+C49*
Breast	60	0.2	0.5	**0.4**	0.03	0.05	4497	19.8	40.2	**30.3**	2.44	3.27	*C50*
Vulva							27	0.1	0.2	**0.2**	0.01	0.02	*C51*
Vagina							29	0.1	0.3	**0.2**	0.01	0.02	*C52*
Cervix uteri							983	4.3	8.8	**6.5**	0.52	0.61	*C53*
Corpus uteri							599	2.6	5.4	**4.1**	0.34	0.48	*C54*
Uterus unspecified							110	0.5	1.0	**0.7**	0.04	0.08	*C55*
Ovary							1024	4.5	9.2	**7.1**	0.55	0.76	*C56*
Other female genital organs							37	0.2	0.3	**0.3**	0.02	0.03	*C57*
Placenta							20	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	40	0.1	0.3	**0.3**	0.01	0.03							*C60*
Prostate	787	2.7	6.5	**5.5**	0.08	0.54							*C61*
Testis	62	0.2	0.5	**0.6**	0.03	0.04							*C62*
Other male genital organs	16	0.1	0.1	**0.1**	0.01	0.01							*C63*
Kidney	490	1.7	4.1	**3.5**	0.22	0.41	266	1.2	2.4	**2.2**	0.14	0.24	*C64*
Renal pelvis	46	0.2	0.4	**0.3**	0.02	0.03	36	0.2	0.3	**0.2**	0.01	0.03	*C65*
Ureter	26	0.1	0.2	**0.2**	0.01	0.03	35	0.2	0.3	**0.2**	0.01	0.03	*C66*
Bladder	1109	3.8	9.2	**8.0**	0.33	0.93	267	1.2	2.4	**1.8**	0.08	0.22	*C67*
Other urinary organs	12	0.0	0.1	**0.1**	0.01	0.01	4	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	17	0.1	0.1	**0.3**	0.01	0.02	23	0.1	0.2	**0.3**	0.02	0.02	*C69*
Brain, nervous system	780	2.6	6.5	**5.7**	0.37	0.59	839	3.7	7.5	**6.4**	0.42	0.67	*C70-72*
Thyroid	191	0.6	1.6	**1.3**	0.08	0.13	680	3.0	6.1	**4.8**	0.37	0.45	*C73*
Adrenal gland	22	0.1	0.2	**0.1**	0.01	0.02	20	0.1	0.2	**0.1**	0.01	0.02	*C74*
Other endocrine	118	0.4	1.0	**0.8**	0.05	0.08	183	0.8	1.6	**1.3**	0.10	0.13	*C75*
Hodgkin lymphoma	39	0.1	0.3	**0.3**	0.01	0.02	32	0.1	0.3	**0.2**	0.01	0.02	*C81*
Non-Hodgkin lymphoma	752	2.5	6.3	**5.5**	0.31	0.63	513	2.3	4.6	**3.7**	0.21	0.43	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	145	0.5	1.2	**1.0**	0.05	0.14	112	0.5	1.0	**0.8**	0.05	0.11	*C90*
Lymphoid leukaemia	210	0.7	1.7	**2.1**	0.10	0.17	152	0.7	1.4	**1.8**	0.10	0.14	*C91*
Myeloid leukaemia	290	1.0	2.4	**2.2**	0.13	0.21	273	1.2	2.4	**2.3**	0.15	0.22	*C92-94*
Leukaemia unspecified	132	0.4	1.1	**1.1**	0.07	0.10	104	0.5	0.9	**0.9**	0.05	0.08	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	602	2.0	5.0	**4.3**	0.18	0.47	564	2.5	5.0	**3.8**	0.20	0.43	*O&U*
All sites	29634		246.6	**209.1**	10.89	24.86	22805		204.0	**156.9**	9.90	17.95	*C00-96*
All sites except C44	29502	100.0	245.5	**208.2**	10.84	24.75	22709	100.0	203.2	**156.3**	9.87	17.88	*C00-96 exc. C44*

*See note following population pyramid

China, Yangcheng County

REGISTRATION AREA

The Yangcheng Cancer Registry covers Yangcheng County in the south-eastern part of Shanxi Province. The county contains 17 townships and 468 administrative villages and has a total area of 1968 km^2. In 2003, the population was 390 000 (more than 95% Han Chinese). The population is slowly declining, with a decrease of about 4500 residents (1.2%) from 2003 to 2007. Occupations are diverse, but there is an emphasis on agriculture and manufacturing.

REGISTRY STRUCTURE AND METHODS

In 1974, the Yangcheng Cancer Hospital was enrolled in the national disease surveillance network by the Chinese Ministry of Health, leading to the establishment of the registry. Although cancer is not a reportable disease in China, the Shanxi Province Department of Health requires all medical institutions, township health centres, and village clinics in the province to regularly provide data about cancer incidence and mortality by submitting cancer notification cards and residents' death certificates to the registry. The registry uses ICD-10 and ICD-O-3 for coding and statistics, and has used CanReg4 software for data management since 1998. All new cases of malignant tumours and benign tumours of the central nervous system are registered. Reports of carcinoma in situ cases are also collected but are not included in the registry's cancer statistics report.

INTERPRETING THE RESULTS

Yangcheng has one of the highest cancer incidence rates in China, with a particularly high incidence of digestive cancers.

USE OF THE DATA

The registry collaborates with the Chinese National Office for Cancer Prevention and Control and participates in many scientific research projects.

CONTRIBUTORS

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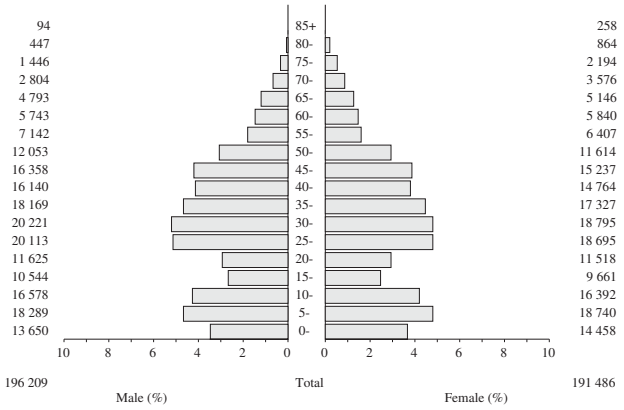
China, Yangcheng County (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Yangcheng Statistics Bureau, based on 2000 census data and migration estimates.

NOTES ON THE DATA

*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	168.9	Oesophagus	85.5
Oesophagus	149.5	Cervix uteri	71.8
Liver	41.8	Stomach	57.8
Trachea, bronchus and lung	20.5	Liver	15.3
Rectum	5.8	Breast	14.1
Colon	4.9	Trachea, bronchus and lung	9.5
Non-Hodgkin lymphoma	4.8	Rectum	5.1
Brain, nervous system	3.0	Colon	4.8
Bladder	3.0	Non-Hodgkin lymphoma	3.7
Bone	2.3	Ovary	3.5
All sites	425.0	All sites	291.4

*China, Yangcheng County (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.0	0.1	**0.1**	0.00	0.04	1	0.0	0.1	**0.1**	0.00	0.03	*C00*
Tongue	5	0.1	0.5	**0.5**	0.06	0.06	3	0.1	0.3	**0.3**	0.03	0.03	*C01-02*
Mouth	17	0.5	1.7	**2.3**	0.10	0.20	14	0.5	1.5	**1.4**	0.04	0.14	*C03-06*
Salivary glands	4	0.1	0.4	**0.4**	0.03	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	5	0.1	0.5	**0.4**	0.02	0.05	2	0.1	0.2	**0.2**	0.02	0.02	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.02	0.02	*C12-13*
Pharynx unspecified	5	0.1	0.5	**0.7**	0.03	0.07	2	0.1	0.2	**0.2**	0.01	0.03	*C14*
Oesophagus	1231	34.5	125.5	**149.5**	8.94	18.44	763	27.6	79.7	**85.5**	6.09	10.79	*C15*
Stomach	1416	39.7	144.3	**168.9**	10.97	22.12	507	18.4	53.0	**57.8**	3.77	7.56	*C16*
Small intestine	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.00	*C17*
Colon	46	1.3	4.7	**4.9**	0.38	0.60	45	1.6	4.7	**4.8**	0.39	0.57	*C18*
Rectum	56	1.6	5.7	**5.8**	0.42	0.66	48	1.7	5.0	**5.1**	0.32	0.62	*C19-20*
Anus	2	0.1	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C21*
Liver	372	10.4	37.9	**41.8**	2.98	4.94	142	5.1	14.8	**15.3**	0.99	2.15	*C22*
Gallbladder etc.	5	0.1	0.5	**0.6**	0.04	0.09	14	0.5	1.5	**1.4**	0.12	0.15	*C23-24*
Pancreas	13	0.4	1.3	**1.7**	0.08	0.24	18	0.7	1.9	**1.7**	0.08	0.16	*C25*
Nose, sinuses etc.	5	0.1	0.5	**0.6**	0.07	0.07	5	0.2	0.5	**0.5**	0.04	0.06	*C30-31*
Larynx	14	0.4	1.4	**1.6**	0.11	0.27	4	0.1	0.4	**0.4**	0.04	0.04	*C32*
Trachea, bronchus and lung	170	4.8	17.3	**20.5**	1.35	2.99	89	3.2	9.3	**9.5**	0.71	1.10	*C33-34*
Other thoracic organs	8	0.2	0.8	**0.9**	0.06	0.11	3	0.1	0.3	**0.3**	0.01	0.04	*C37-38*
Bone	21	0.6	2.1	**2.3**	0.13	0.26	18	0.7	1.9	**2.0**	0.15	0.21	*C40-41*
Melanoma of skin	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C43*
Other skin	6		0.6	**0.9**	0.01	0.12	6		0.6	**0.6**	0.07	0.07	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C47+C49*
Breast	2	0.1	0.2	**0.2**	0.01	0.01	153	5.5	16.0	**14.1**	1.22	1.48	*C50*
Vulva							1	0.0	0.1	**0.1**	0.02	0.02	*C51*
Vagina							3	0.1	0.3	**0.3**	0.03	0.03	*C52*
Cervix uteri							749	27.1	78.2	**71.8**	6.48	7.91	*C53*
Corpus uteri							9	0.3	0.9	**0.8**	0.07	0.09	*C54*
Uterus unspecified							1	0.0	0.1	**0.1**	0.02	0.02	*C55*
Ovary							35	1.3	3.7	**3.5**	0.32	0.32	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	8	0.2	0.8	**1.0**	0.05	0.14							*C60*
Prostate	6	0.2	0.6	**0.8**	0.00	0.11							*C61*
Testis	6	0.2	0.6	**0.4**	0.03	0.03							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	10	0.3	1.0	**1.2**	0.14	0.14	5	0.2	0.5	**0.5**	0.04	0.06	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C66*
Bladder	24	0.7	2.4	**3.0**	0.15	0.44	7	0.3	0.7	**0.7**	0.02	0.04	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	3	0.1	0.3	**1.3**	0.02	0.05	2	0.1	0.2	**0.2**	0.02	0.02	*C69*
Brain, nervous system	28	0.8	2.9	**3.0**	0.23	0.36	28	1.0	2.9	**2.7**	0.22	0.27	*C70-72*
Thyroid	3	0.1	0.3	**0.3**	0.02	0.06	9	0.3	0.9	**0.9**	0.07	0.10	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	10	0.3	1.0	**1.1**	0.07	0.16	11	0.4	1.1	**1.2**	0.06	0.14	*C81*
Non-Hodgkin lymphoma	36	1.0	3.7	**4.8**	0.30	0.45	34	1.2	3.6	**3.7**	0.33	0.41	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.2**	0.01	0.01	*C90*
Lymphoid leukaemia	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C91*
Myeloid leukaemia	17	0.5	1.7	**1.6**	0.12	0.12	15	0.5	1.6	**1.4**	0.11	0.14	*C92-94*
Leukaemia unspecified	4	0.1	0.4	**0.5**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	7	0.2	0.7	**0.8**	0.07	0.07	16	0.6	1.7	**1.8**	0.15	0.23	*O&U*
All sites	3569		363.8	**425.0**	27.07	53.65	2767		289.0	**291.4**	22.07	35.06	*C00-96*
All sites except C44	3563	100.0	363.2	**424.1**	27.06	53.53	2761	100.0	288.4	**290.8**	22.00	35.00	*C00-96 exc. C44*

*See note following population pyramid

China, Yanting County

REGISTRATION AREA

The Yanting Cancer Registry covers Yanting County in the north-east of Sichuan Province in China. The county has an area of 1647 km^2. In 2005, the population was 601 000, with about 89% of residents living in rural areas and the rest in towns.

CANCER CARE FACILITIES

General health care is provided predominantly by the county's health administrative department through county and district hospitals and a network of primary health centres. Patients diagnosed with or suspected to have cancer are typically referred by primary and secondary care facilities to the Yanting Cancer Hospital, which has radiotherapy, surgical oncology, and chemotherapy departments.

REGISTRY STRUCTURE AND METHODS

Population-based cancer registration was initiated in 1970. The registry is located within the department of epidemiology at the Yanting Cancer Institute and is funded by the institute and the Sichuan Yanting Health Bureau. The registry is staffed by five full-time registrars and 50 part-time interviewers. The registry uses active case finding. The death registration system (also part of the registry) is accurate and complete. A definite cause is registered for most deaths. Registry staff members periodically visit hospitals and other health services to review the files kept by the medical records and pathology departments and clinical laboratories, and to abstract data on cancer cases. Relevant information is also collected through annual home visits to residents outside the registration area.

INTERPRETING THE RESULTS

Cancer incidence rates, particularly those of oesophageal and gastric cancers, have been high for several decades. In 1971–1978, the West China Medical University launched an epidemiological investigation of this phenomenon. However, no specific occupational exposures or other factors have yet been identified to explain the high rates.

USE OF THE DATA

Registry data have been used in 26 studies on the etiology and epidemiology of oesophageal and gastric cancers.

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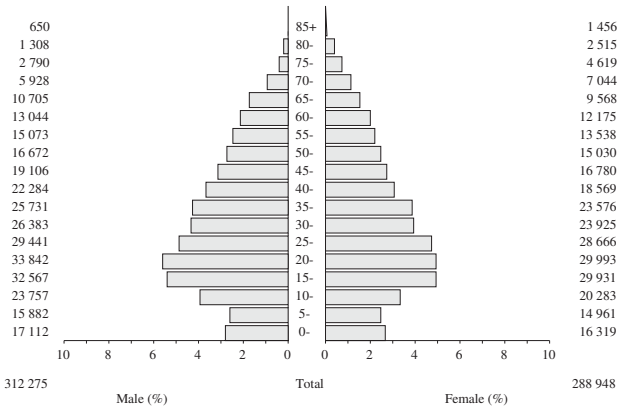
Yang Gu

China, Yanting County (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Yanting Statistics Bureau, based on the 2000 census, but it was not possible to estimate migration.

NOTES ON THE DATA

*High MV%. Low DCO rate.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	138.4	Stomach	68.0
Oesophagus	100.6	Oesophagus	67.7
Liver	62.8	Liver	24.6
Trachea, bronchus and lung	48.3	Trachea, bronchus and lung	15.4
Rectum	9.5	Breast	9.7
Non-Hodgkin lymphoma	6.1	Cervix uteri	7.8
Leukaemia unspecified	5.3	Uterus unspecified	7.1
Brain, nervous system	4.9	Rectum	5.1
Bone	3.3	Leukaemia unspecified	3.8
Bladder	3.0	Ovary	2.6
All sites	401.1	All sites	229.5

*China, Yanting County (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	4	0.1	0.3	**0.2**	0.03	0.03	2	0.1	0.1	**0.1**	0.01	0.02	*C01-02*
Mouth	45	0.7	2.9	**2.7**	0.16	0.35	23	0.6	1.6	**1.4**	0.09	0.21	*C03-06*
Salivary glands	0	0.0	0.0	**0.0**	0.00	0.00	12	0.3	0.8	**0.7**	0.03	0.14	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	27	0.4	1.7	**1.6**	0.11	0.23	22	0.6	1.5	**1.4**	0.11	0.15	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	1591	25.0	101.9	**100.6**	5.19	11.99	1146	29.6	79.3	**67.7**	3.80	8.35	*C15*
Stomach	2176	34.1	139.4	**138.4**	7.17	16.50	1173	30.3	81.2	**68.0**	3.49	8.12	*C16*
Small intestine	11	0.2	0.7	**0.7**	0.03	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C17*
Colon	29	0.5	1.9	**1.7**	0.09	0.24	22	0.6	1.5	**1.2**	0.06	0.12	*C18*
Rectum	158	2.5	10.1	**9.5**	0.57	1.12	90	2.3	6.2	**5.1**	0.28	0.61	*C19-20*
Anus	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C21*
Liver	1039	16.3	66.5	**62.8**	4.31	6.40	417	10.8	28.9	**24.6**	1.55	2.85	*C22*
Gallbladder etc.	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C23-24*
Pancreas	35	0.5	2.2	**1.9**	0.16	0.23	13	0.3	0.9	**0.8**	0.05	0.11	*C25*
Nose, sinuses etc.	8	0.1	0.5	**0.4**	0.02	0.05	3	0.1	0.2	**0.2**	0.01	0.03	*C30-31*
Larynx	20	0.3	1.3	**1.2**	0.08	0.12	1	0.0	0.1	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	771	12.1	49.4	**48.3**	2.41	6.11	264	6.8	18.3	**15.4**	0.85	1.83	*C33-34*
Other thoracic organs	7	0.1	0.4	**0.4**	0.03	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	54	0.8	3.5	**3.3**	0.19	0.34	20	0.5	1.4	**1.2**	0.10	0.13	*C40-41*
Melanoma of skin	5	0.1	0.3	**0.3**	0.02	0.02	1	0.0	0.1	**0.1**	0.01	0.01	*C43*
Other skin	20		1.3	**1.1**	0.08	0.15	10		0.7	**0.7**	0.05	0.09	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	4	0.1	0.3	**0.2**	0.00	0.04	4	0.1	0.3	**0.3**	0.01	0.03	*C46*
Connective and soft tissue	23	0.4	1.5	**1.6**	0.07	0.10	12	0.3	0.8	**0.8**	0.06	0.10	*C47+C49*
Breast	2	0.0	0.1	**0.1**	0.01	0.01	157	4.1	10.9	**9.7**	0.85	0.93	*C50*
Vulva							5	0.1	0.3	**0.3**	0.02	0.02	*C51*
Vagina							1	0.0	0.1	**0.1**	0.01	0.01	*C52*
Cervix uteri							128	3.3	8.9	**7.8**	0.57	0.99	*C53*
Corpus uteri							25	0.6	1.7	**1.6**	0.14	0.17	*C54*
Uterus unspecified							117	3.0	8.1	**7.1**	0.53	0.86	*C55*
Ovary							43	1.1	3.0	**2.6**	0.23	0.27	*C56*
Other female genital organs							3	0.1	0.2	**0.2**	0.01	0.01	*C57*
Placenta							3	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	6	0.1	0.4	**0.4**	0.01	0.05							*C60*
Prostate	13	0.2	0.8	**0.9**	0.01	0.13							*C61*
Testis	3	0.0	0.2	**0.2**	0.01	0.01							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	3	0.0	0.2	**0.2**	0.01	0.02	5	0.1	0.3	**0.4**	0.02	0.02	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	2	0.0	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	41	0.6	2.6	**3.0**	0.08	0.34	13	0.3	0.9	**0.8**	0.06	0.07	*C67*
Other urinary organs	4	0.1	0.3	**0.3**	0.00	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	1	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C69*
Brain, nervous system	81	1.3	5.2	**4.9**	0.34	0.47	35	0.9	2.4	**2.2**	0.18	0.25	*C70-72*
Thyroid	2	0.0	0.1	**0.1**	0.01	0.01	2	0.1	0.1	**0.1**	0.01	0.01	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.01	0.01	*C81*
Non-Hodgkin lymphoma	93	1.5	6.0	**6.1**	0.41	0.59	25	0.6	1.7	**1.5**	0.12	0.19	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	1	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C90*
Lymphoid leukaemia	15	0.2	1.0	**0.9**	0.06	0.12	5	0.1	0.3	**0.3**	0.02	0.02	*C91*
Myeloid leukaemia	3	0.0	0.2	**0.3**	0.02	0.02	2	0.1	0.1	**0.1**	0.01	0.01	*C92-94*
Leukaemia unspecified	82	1.3	5.3	**5.3**	0.34	0.43	65	1.7	4.5	**3.8**	0.22	0.45	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	14	0.2	0.9	**1.0**	0.04	0.09	7	0.2	0.5	**0.4**	0.01	0.03	*O&U*
All sites	6393		409.4	**401.1**	22.08	46.48	3883		268.8	**229.5**	13.64	27.27	*C00-96*
All sites except C44	6373	100.0	408.2	**399.9**	22.00	46.33	3873	100.0	268.1	**228.8**	13.59	27.18	*C00-96 exc. C44*

*See note following population pyramid

China, Zhongshan City

REGISTRATION AREA

The Zhongshan Cancer Registry covers the prefecture-level city of Zhongshan, which is located 86 km north of Guangzhou (the capital city of Guangdong Province) in China. Zhongshan has an area of 1800 km^2 and is divided into 24 districts and towns. In 2012, the population was 1.5 million, with 88% of residents living in urban areas.

CANCER CARE FACILITIES

Health care is provided by the Zhongshan Health Bureau through a network of hospitals, clinics, the Zhongshan Center for Disease Control and Prevention, and private practitioners. There are no private cancer centres or cancer hospitals, but each public general hospital has a cancer department that provides cancer surgery and chemotherapy, and two hospitals provide radiotherapy. Some cancer patients are diagnosed and/or treated in hospitals in nearby regions, such as Guangzhou.

REGISTRY STRUCTURE AND METHODS

The registry is affiliated with the Zhongshan People's Hospital and is funded by the hospital and the health departments of Zhongshan and Guangzhou. The registry is staffed by a full-time medical officer and two full-time registrars. Each hospital in Zhongshan also has a part-time registrar who collects cancer data and performs follow-up. The hospital registrars conduct mainly active case finding, through computers connected to hospital workstations. The cancer data they collect are emailed to the registry, where the data are checked for consistency. Inconsistent data are sent back to the registrars for correction. The registry is currently developing automated cancer registration software. Additional registration data are collected through regular visits to hospitals in neighbouring regions.

USE OF THE DATA

The registry began publishing an annual cancer report in 2003. Registry data have been used in many scientific papers and one monograph. The registry also carries out its own research projects on topics such as oesophageal cancer control.

CONTRIBUTORS

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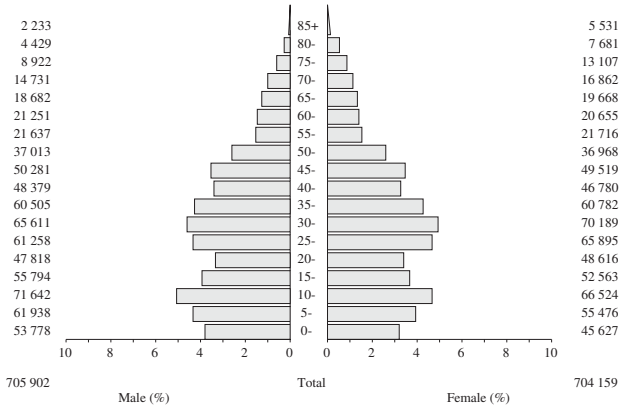
China, Zhongshan City (2004-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Zhongshan Statistics Bureau, based on the 2000 census and making allowances for births, deaths, and migration.

NOTES ON THE DATA

*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	54.1	Breast	22.9
Liver	39.6	Trachea, bronchus and lung	22.8
Nasopharynx	26.8	Corpus uteri	16.1
Oesophagus	21.5	Nasopharynx	10.7
Colon	13.5	Colon	9.2
Stomach	12.8	Cervix uteri	7.9
Rectum	10.4	Liver	7.8
Bladder	7.2	Rectum	6.8
Other and unspecified	6.1	Stomach	5.7
Prostate	5.8	Thyroid	5.1
All sites	253.6	All sites	154.9

*China, Zhongshan City (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.0	0.1	**0.1**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.01	*C00*
Tongue	63	0.9	2.2	**2.2**	0.19	0.23	26	0.6	0.9	**0.9**	0.07	0.10	*C01-02*
Mouth	66	1.0	2.3	**2.5**	0.23	0.26	18	0.4	0.6	**0.5**	0.02	0.07	*C03-06*
Salivary glands	26	0.4	0.9	**0.9**	0.06	0.10	11	0.2	0.4	**0.4**	0.02	0.05	*C07-08*
Tonsil	17	0.2	0.6	**0.6**	0.04	0.06	2	0.0	0.1	**0.1**	0.00	0.01	*C09*
Other oropharynx	9	0.1	0.3	**0.3**	0.02	0.04	2	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	799	11.5	28.3	**26.8**	2.26	2.84	326	7.0	11.6	**10.7**	0.92	1.10	*C11*
Hypopharynx	53	0.8	1.9	**2.0**	0.19	0.21	1	0.0	0.0	**0.0**	0.00	0.01	*C12-13*
Pharynx unspecified	5	0.1	0.2	**0.2**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	578	8.3	20.5	**21.5**	1.71	2.54	66	1.4	2.3	**2.3**	0.17	0.29	*C15*
Stomach	348	5.0	12.3	**12.8**	0.84	1.50	181	3.9	6.4	**5.7**	0.38	0.63	*C16*
Small intestine	34	0.5	1.2	**1.2**	0.08	0.15	26	0.6	0.9	**0.8**	0.05	0.10	*C17*
Colon	369	5.3	13.1	**13.5**	0.77	1.67	285	6.1	10.1	**9.2**	0.60	1.07	*C18*
Rectum	287	4.1	10.2	**10.4**	0.63	1.26	211	4.5	7.5	**6.8**	0.45	0.80	*C19-20*
Anus	4	0.1	0.1	**0.2**	0.02	0.02	4	0.1	0.1	**0.1**	0.01	0.01	*C21*
Liver	1111	16.0	39.3	**39.6**	3.01	4.49	242	5.2	8.6	**7.8**	0.49	0.94	*C22*
Gallbladder etc.	161	2.3	5.7	**5.8**	0.25	0.69	108	2.3	3.8	**3.2**	0.17	0.36	*C23-24*
Pancreas	106	1.5	3.8	**4.0**	0.24	0.46	84	1.8	3.0	**2.7**	0.13	0.36	*C25*
Nose, sinuses etc.	26	0.4	0.9	**1.0**	0.07	0.10	15	0.3	0.5	**0.5**	0.02	0.06	*C30-31*
Larynx	147	2.1	5.2	**5.5**	0.41	0.69	5	0.1	0.2	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	1479	21.3	52.4	**54.1**	3.02	6.63	715	15.3	25.4	**22.8**	1.37	2.74	*C33-34*
Other thoracic organs	31	0.4	1.1	**1.2**	0.09	0.14	7	0.2	0.2	**0.2**	0.02	0.02	*C37-38*
Bone	23	0.3	0.8	**0.8**	0.05	0.07	15	0.3	0.5	**0.6**	0.05	0.05	*C40-41*
Melanoma of skin	7	0.1	0.2	**0.2**	0.02	0.02	12	0.3	0.4	**0.3**	0.02	0.03	*C43*
Other skin	91		3.2	**3.3**	0.14	0.35	87		3.1	**2.5**	0.13	0.26	*C44*
Mesothelioma	7	0.1	0.2	**0.2**	0.00	0.03	5	0.1	0.2	**0.2**	0.02	0.02	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	32	0.5	1.1	**1.2**	0.07	0.10	26	0.6	0.9	**0.8**	0.06	0.07	*C47+C49*
Breast	5	0.1	0.2	**0.1**	0.00	0.00	699	15.0	24.8	**22.9**	1.99	2.37	*C50*
Vulva							13	0.3	0.5	**0.4**	0.02	0.04	*C51*
Vagina							9	0.2	0.3	**0.3**	0.03	0.03	*C52*
Cervix uteri							245	5.3	8.7	**7.9**	0.71	0.78	*C53*
Corpus uteri							447	9.6	15.9	**16.1**	1.60	1.73	*C54*
Uterus unspecified							11	0.2	0.4	**0.4**	0.03	0.04	*C55*
Ovary							141	3.0	5.0	**4.7**	0.35	0.47	*C56*
Other female genital organs							7	0.2	0.2	**0.3**	0.03	0.03	*C57*
Placenta							2	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	27	0.4	1.0	**1.0**	0.07	0.11							*C60*
Prostate	164	2.4	5.8	**5.8**	0.08	0.63							*C61*
Testis	24	0.3	0.8	**0.8**	0.05	0.06							*C62*
Other male genital organs	5	0.1	0.2	**0.2**	0.02	0.02							*C63*
Kidney	64	0.9	2.3	**2.4**	0.17	0.26	38	0.8	1.3	**1.4**	0.10	0.12	*C64*
Renal pelvis	10	0.1	0.4	**0.4**	0.03	0.05	5	0.1	0.2	**0.1**	0.01	0.01	*C65*
Ureter	5	0.1	0.2	**0.2**	0.01	0.02	8	0.2	0.3	**0.2**	0.01	0.03	*C66*
Bladder	200	2.9	7.1	**7.2**	0.40	0.82	53	1.1	1.9	**1.5**	0.05	0.18	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.01	0.01	*C68*
Eye	3	0.0	0.1	**0.2**	0.01	0.01	4	0.1	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	70	1.0	2.5	**2.5**	0.18	0.23	53	1.1	1.9	**1.7**	0.11	0.14	*C70-72*
Thyroid	42	0.6	1.5	**1.4**	0.10	0.13	156	3.3	5.5	**5.1**	0.38	0.49	*C73*
Adrenal gland	4	0.1	0.1	**0.2**	0.01	0.01	7	0.2	0.2	**0.3**	0.02	0.02	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.00	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	11	0.2	0.4	**0.4**	0.03	0.04	10	0.2	0.4	**0.4**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	122	1.8	4.3	**4.3**	0.31	0.48	90	1.9	3.2	**3.0**	0.19	0.30	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.0	**0.1**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.01	*C88*
Multiple myeloma	26	0.4	0.9	**0.9**	0.04	0.10	28	0.6	1.0	**1.0**	0.06	0.11	*C90*
Lymphoid leukaemia	49	0.7	1.7	**1.8**	0.10	0.15	36	0.8	1.3	**1.4**	0.09	0.11	*C91*
Myeloid leukaemia	105	1.5	3.7	**3.8**	0.23	0.35	76	1.6	2.7	**2.5**	0.17	0.25	*C92-94*
Leukaemia unspecified	16	0.2	0.6	**0.6**	0.02	0.06	11	0.2	0.4	**0.4**	0.02	0.02	*C95*
Myeloproliferative disorders	22	0.3	0.8	**0.7**	0.05	0.08	5	0.1	0.2	**0.2**	0.01	0.03	*MPD*
Myelodysplastic syndromes	11	0.2	0.4	**0.4**	0.02	0.05	9	0.2	0.3	**0.2**	0.01	0.02	*MDS*
Other and unspecified	166	2.4	5.9	**6.1**	0.39	0.71	100	2.1	3.6	**3.0**	0.18	0.31	*O&U*
All sites	7037		249.2	**253.6**	16.71	29.07	4749		168.6	**154.9**	11.37	16.88	*C00-96*
All sites except C44	6946	100.0	246.0	**250.3**	16.56	28.72	4662	100.0	165.5	**152.4**	11.24	16.62	*C00-96 exc. C44*

*See note following population pyramid

India, Bangalore

REGISTRATION AREA
The Cancer Registry of Bangalore covers the Bangalore Urban Agglomeration, which has an area of 741 km^2 and is the capital of the Indian state of Karnataka.

CANCER CARE FACILITIES
The Kidwai Memorial Institute of Oncology in Bangalore is a regional cancer centre with state-of-the-art facilities for cancer diagnosis, treatment, education, and research. It offers specialized courses in oncology and related subjects and serves patients from Karnataka and neighbouring states.

REGISTRY STRUCTURE AND METHODS
The registry was established in 1981 as part of the National Cancer Registry Programme (NCRP) of the Indian Council of Medical Research (ICMR) and is funded partly by the ICMR. The registry is staffed by a principal investigator, a co-principal investigator, two biostatisticians, a field supervisor, and six assistant social scientists. Case finding is active. The registry has 475 data sources, including cancer hospitals, general hospitals, pathology laboratories, and municipal death registration offices. Registry staff members visit the sources to review medical records, pathology registers, and reports, and to abstract information on resident cases. Quality checks, checks for duplicates, and other analyses are performed using software developed by the NCRP.

INTERPRETING THE RESULTS
Since 2002, the area covered has increased from 366 km^2 to 741 km^2. The Kidwai Memorial Institute of Oncology facilitates opportunistic screening. Cancer detection initiatives are conducted within and around Karnataka.

USE OF THE DATA
The registry publishes an annual incidence report highlighting trends and changes. The report is presented at the NCRP's Annual Review Meeting, during which registries from throughout India present their data and recommendations are made. The registry has also undertaken several epidemiological studies for specific cancers.

CONTRIBUTORS
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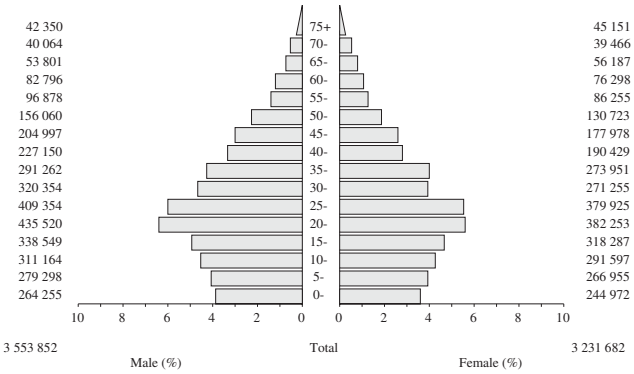
India, Bangalore (2005-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA
*No official mortality data. High MV%. Fluctuation in rates from year to year.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	10.3	Breast	36.6
Stomach	9.6	Cervix uteri	20.6
Prostate	9.0	Ovary	7.6
Other and unspecified	8.5	Oesophagus	6.6
Oesophagus	7.9	Other and unspecified	6.5
Non-Hodgkin lymphoma	5.1	Mouth	6.3
Hypopharynx	4.8	Corpus uteri	5.4
Liver	4.4	Stomach	5.1
Colon	4.1	Thyroid	3.8
Brain, nervous system	4.1	Trachea, bronchus and lung	3.5
All sites	113.5	All sites	137.7

*India, Bangalore (2005-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	5	0.1	0.0	**0.1**	0.00	0.01	11	0.1	0.1	**0.1**	0.01	0.02	*C00*
Tongue	311	3.8	2.9	**4.0**	0.30	0.48	91	0.9	0.9	**1.3**	0.09	0.16	*C01-02*
Mouth	259	3.1	2.4	**3.3**	0.23	0.42	442	4.4	4.6	**6.3**	0.41	0.75	*C03-06*
Salivary glands	36	0.4	0.3	**0.5**	0.03	0.06	36	0.4	0.4	**0.4**	0.03	0.04	*C07-08*
Tonsil	77	0.9	0.7	**1.0**	0.06	0.13	17	0.2	0.2	**0.2**	0.02	0.03	*C09*
Other oropharynx	92	1.1	0.9	**1.3**	0.07	0.16	7	0.1	0.1	**0.1**	0.01	0.02	*C10*
Nasopharynx	26	0.3	0.2	**0.3**	0.02	0.03	15	0.1	0.2	**0.2**	0.02	0.02	*C11*
Hypopharynx	335	4.1	3.1	**4.8**	0.29	0.61	87	0.9	0.9	**1.2**	0.09	0.13	*C12-13*
Pharynx unspecified	73	0.9	0.7	**1.0**	0.06	0.12	29	0.3	0.3	**0.4**	0.03	0.05	*C14*
Oesophagus	541	6.5	5.1	**7.9**	0.42	1.03	446	4.4	4.6	**6.6**	0.42	0.81	*C15*
Stomach	685	8.3	6.4	**9.6**	0.53	1.21	374	3.7	3.9	**5.1**	0.32	0.62	*C16*
Small intestine	32	0.4	0.3	**0.4**	0.03	0.06	20	0.2	0.2	**0.3**	0.02	0.03	*C17*
Colon	302	3.7	2.8	**4.1**	0.25	0.46	244	2.4	2.5	**3.4**	0.23	0.40	*C18*
Rectum	308	3.7	2.9	**4.1**	0.24	0.49	235	2.3	2.4	**3.1**	0.19	0.36	*C19-20*
Anus	33	0.4	0.3	**0.5**	0.03	0.06	23	0.2	0.2	**0.3**	0.02	0.03	*C21*
Liver	296	3.6	2.8	**4.4**	0.19	0.54	110	1.1	1.1	**1.6**	0.08	0.19	*C22*
Gallbladder etc.	92	1.1	0.9	**1.2**	0.10	0.14	109	1.1	1.1	**1.6**	0.10	0.18	*C23-24*
Pancreas	126	1.5	1.2	**1.8**	0.12	0.22	87	0.9	0.9	**1.3**	0.08	0.14	*C25*
Nose, sinuses etc.	48	0.6	0.5	**0.6**	0.04	0.07	32	0.3	0.3	**0.4**	0.04	0.04	*C30-31*
Larynx	257	3.1	2.4	**3.7**	0.22	0.49	33	0.3	0.3	**0.5**	0.04	0.06	*C32*
Trachea, bronchus and lung	708	8.6	6.6	**10.3**	0.56	1.34	246	2.4	2.5	**3.5**	0.26	0.45	*C33-34*
Other thoracic organs	36	0.4	0.3	**0.5**	0.02	0.06	34	0.3	0.4	**0.5**	0.03	0.06	*C37-38*
Bone	96	1.2	0.9	**1.0**	0.05	0.09	45	0.4	0.5	**0.5**	0.03	0.05	*C40-41*
Melanoma of skin	33	0.4	0.3	**0.4**	0.02	0.05	26	0.3	0.3	**0.4**	0.03	0.04	*C43*
Other skin	92		0.9	**1.2**	0.07	0.13	68		0.7	**1.0**	0.06	0.11	*C44*
Mesothelioma	8	0.1	0.1	**0.1**	0.00	0.02	4	0.0	0.0	**0.0**	0.00	0.01	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	87	1.1	0.8	**1.1**	0.06	0.11	61	0.6	0.6	**0.8**	0.05	0.08	*C47+C49*
Breast	77	0.9	0.7	**1.0**	0.07	0.11	2798	27.6	28.9	**36.6**	2.90	4.20	*C50*
Vulva							43	0.4	0.4	**0.7**	0.03	0.09	*C51*
Vagina							54	0.5	0.6	**0.8**	0.05	0.09	*C52*
Cervix uteri							1541	15.2	15.9	**20.6**	1.57	2.40	*C53*
Corpus uteri							367	3.6	3.8	**5.4**	0.41	0.69	*C54*
Uterus unspecified							67	0.7	0.7	**0.9**	0.06	0.08	*C55*
Ovary							571	5.6	5.9	**7.6**	0.57	0.88	*C56*
Other female genital organs							3	0.0	0.0	**0.0**	0.00	0.01	*C57*
Placenta							2	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	101	1.2	0.9	**1.3**	0.07	0.16							*C60*
Prostate	556	6.7	5.2	**9.0**	0.20	1.03							*C61*
Testis	68	0.8	0.6	**0.6**	0.04	0.05							*C62*
Other male genital organs	6	0.1	0.1	**0.1**	0.00	0.02							*C63*
Kidney	121	1.5	1.1	**1.7**	0.10	0.21	71	0.7	0.7	**1.1**	0.06	0.13	*C64*
Renal pelvis	4	0.0	0.0	**0.1**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	230	2.8	2.2	**3.4**	0.14	0.41	60	0.6	0.6	**0.9**	0.05	0.09	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	18	0.2	0.2	**0.2**	0.01	0.01	10	0.1	0.1	**0.1**	0.01	0.02	*C69*
Brain, nervous system	367	4.4	3.4	**4.1**	0.28	0.42	216	2.1	2.2	**2.6**	0.17	0.26	*C70-72*
Thyroid	111	1.3	1.0	**1.3**	0.09	0.14	330	3.3	3.4	**3.8**	0.29	0.40	*C73*
Adrenal gland	6	0.1	0.1	**0.1**	0.00	0.00	5	0.0	0.1	**0.1**	0.00	0.00	*C74*
Other endocrine	5	0.1	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	132	1.6	1.2	**1.2**	0.09	0.10	45	0.4	0.5	**0.5**	0.03	0.04	*C81*
Non-Hodgkin lymphoma	402	4.9	3.8	**5.1**	0.32	0.59	235	2.3	2.4	**3.2**	0.23	0.37	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	126	1.5	1.2	**1.8**	0.09	0.23	96	0.9	1.0	**1.4**	0.11	0.17	*C90*
Lymphoid leukaemia	146	1.8	1.4	**1.7**	0.08	0.16	67	0.7	0.7	**0.9**	0.05	0.06	*C91*
Myeloid leukaemia	201	2.4	1.9	**2.1**	0.15	0.20	177	1.7	1.8	**2.2**	0.15	0.24	*C92-94*
Leukaemia unspecified	55	0.7	0.5	**0.7**	0.03	0.06	40	0.4	0.4	**0.5**	0.02	0.04	*C95*
Myeloproliferative disorders	1	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	14	0.2	0.1	**0.2**	0.01	0.02	10	0.1	0.1	**0.1**	0.01	0.02	*MDS*
Other and unspecified	613	7.4	5.7	**8.5**	0.44	1.05	458	4.5	4.7	**6.5**	0.38	0.74	*O&U*
All sites	8356		78.4	**113.5**	6.23	13.56	10208		105.3	**137.7**	9.86	15.96	*C00-96*
All sites except C44	8264	100.0	77.5	**112.3**	6.16	13.43	10140	100.0	104.6	**136.8**	9.80	15.85	*C00-96 exc. C44*

*See note following population pyramid

India; Barshi, Paranda, and Bhum

REGISTRATION AREA

The Rural Cancer Registry, Barshi covers the rural area of three municipalities in the state of Maharashtra in western India: Barshi in the Solapur district and Paranda and Bhum in the Osmanabad district.

CANCER CARE FACILITIES

Villagers seek medical advice and treatment from many major and minor hospitals, some as far away as 400 km. However, more than 60% of cancer patients are treated at the Nargis Dutt Memorial Cancer Hospital.

REGISTRY STRUCTURE AND METHODS

The registry has adopted a special methodology suitable for local conditions. In addition to collecting data, the registry also promotes cancer awareness and early detection initiatives. Trained social investigators regularly visit the villages to collect incidence and mortality data directly from community and primary health centres, government health workers, and private physicians, and to request that suspected cancer cases be referred to diagnostic centres. Cancer detection clinics are periodically organized in the area's primary health centres to screen for symptomatic cases. Additional data on registered cases are collected from 75 hospitals, various pathology laboratories, and all diagnostic centres. Residential status and vital status are confirmed by visiting patients' villages. Information on deaths is collected from village death records, from all major hospitals, and directly from the local community. Because deaths are generally not medically certified and cause of death information is often inaccurate, registry staff members make home visits to patients' relatives to ascertain cause of death and perform trace-back to the associated medical records from the treating hospital or physician.

INTERPRETING THE RESULTS

Because of the registry's special methodology, it is unlikely that diagnosed cases will be missed, and this has been confirmed by annual sample surveys. Within the registration area, almost every death is registered with a cause of death recorded. The proportion of death-certificate-only (DCO) cases registered is extremely low, meaning that nearly all cancer cases are already registered before the patients' deaths.

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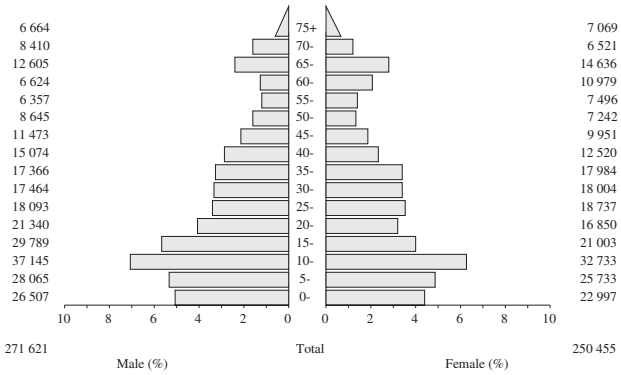
India; Barshi, Paranda, and Bhum (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA

*No official mortality data. No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Other and unspecified	4.8	Cervix uteri	18.7
Oesophagus	3.4	Breast	8.3
Mouth	3.1	Other and unspecified	2.8
Liver	2.9	Oesophagus	2.8
Hypopharynx	2.5	Ovary	2.7
Stomach	2.3	Trachea, bronchus and lung	2.3
Larynx	2.2	Stomach	1.7
Penis	2.2	Myeloid leukaemia	1.2
Myeloid leukaemia	1.8	Corpus uteri	1.1
Non-Hodgkin lymphoma	1.7	Mouth	1.0
All sites	48.1	All sites	54.6

*India; Barshi, Paranda, and Bhum (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	2	0.3	0.1	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	19	3.2	1.4	**1.7**	0.15	0.19	3	0.5	0.2	**0.2**	0.02	0.02	*C01-02*
Mouth	36	6.1	2.7	**3.1**	0.25	0.32	17	2.7	1.4	**1.0**	0.06	0.14	*C03-06*
Salivary glands	3	0.5	0.2	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C07-08*
Tonsil	2	0.3	0.1	**0.2**	0.02	0.03	1	0.2	0.1	**0.1**	0.00	0.02	*C09*
Other oropharynx	2	0.3	0.1	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	2	0.3	0.1	**0.1**	0.00	0.02	2	0.3	0.2	**0.2**	0.01	0.01	*C11*
Hypopharynx	36	6.1	2.7	**2.5**	0.15	0.33	7	1.1	0.6	**0.6**	0.05	0.09	*C12-13*
Pharynx unspecified	1	0.2	0.1	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	49	8.3	3.6	**3.4**	0.18	0.43	34	5.4	2.7	**2.8**	0.23	0.34	*C15*
Stomach	25	4.3	1.8	**2.3**	0.21	0.27	21	3.4	1.7	**1.7**	0.14	0.20	*C16*
Small intestine	2	0.3	0.1	**0.2**	0.03	0.03	2	0.3	0.2	**0.2**	0.01	0.03	*C17*
Colon	12	2.0	0.9	**1.1**	0.08	0.10	3	0.5	0.2	**0.3**	0.03	0.04	*C18*
Rectum	17	2.9	1.3	**1.6**	0.14	0.16	9	1.4	0.7	**0.6**	0.03	0.08	*C19-20*
Anus	3	0.5	0.2	**0.2**	0.00	0.02	3	0.5	0.2	**0.3**	0.02	0.04	*C21*
Liver	31	5.3	2.3	**2.9**	0.28	0.35	10	1.6	0.8	**0.9**	0.09	0.10	*C22*
Gallbladder etc.	7	1.2	0.5	**0.7**	0.07	0.07	5	0.8	0.4	**0.5**	0.05	0.05	*C23-24*
Pancreas	9	1.5	0.7	**1.0**	0.10	0.10	6	1.0	0.5	**0.6**	0.05	0.07	*C25*
Nose, sinuses etc.	3	0.5	0.2	**0.2**	0.01	0.04	3	0.5	0.2	**0.3**	0.02	0.02	*C30-31*
Larynx	32	5.4	2.4	**2.2**	0.11	0.25	3	0.5	0.2	**0.2**	0.02	0.03	*C32*
Trachea, bronchus and lung	19	3.2	1.4	**1.6**	0.14	0.21	25	4.0	2.0	**2.3**	0.22	0.25	*C33-34*
Other thoracic organs	3	0.5	0.2	**0.2**	0.02	0.03	5	0.8	0.4	**0.5**	0.05	0.06	*C37-38*
Bone	13	2.2	1.0	**1.0**	0.07	0.08	4	0.6	0.3	**0.3**	0.02	0.02	*C40-41*
Melanoma of skin	1	0.2	0.1	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C43*
Other skin	14		1.0	**0.9**	0.03	0.08	12		1.0	**0.9**	0.05	0.10	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	7	1.2	0.5	**0.6**	0.06	0.06	5	0.8	0.4	**0.4**	0.03	0.03	*C47+C49*
Breast	1	0.2	0.1	**0.0**	0.00	0.01	94	15.0	7.5	**8.3**	0.70	0.91	*C50*
Vulva							2	0.3	0.2	**0.1**	0.01	0.01	*C51*
Vagina							6	1.0	0.5	**0.5**	0.04	0.06	*C52*
Cervix uteri							214	34.2	17.1	**18.7**	1.64	2.11	*C53*
Corpus uteri							12	1.9	1.0	**1.1**	0.09	0.14	*C54*
Uterus unspecified							3	0.5	0.2	**0.3**	0.03	0.03	*C55*
Ovary							29	4.6	2.3	**2.7**	0.24	0.27	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	25	4.3	1.8	**2.2**	0.18	0.26							*C60*
Prostate	26	4.4	1.9	**1.6**	0.05	0.18							*C61*
Testis	7	1.2	0.5	**0.6**	0.06	0.06							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	11	1.9	0.8	**0.8**	0.04	0.05	3	0.5	0.2	**0.3**	0.02	0.02	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	15	2.6	1.1	**1.3**	0.11	0.15	2	0.3	0.2	**0.1**	0.01	0.02	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	7	1.2	0.5	**0.6**	0.03	0.03	3	0.5	0.2	**0.3**	0.01	0.01	*C69*
Brain, nervous system	18	3.1	1.3	**1.4**	0.10	0.14	10	1.6	0.8	**0.9**	0.08	0.08	*C70-72*
Thyroid	5	0.9	0.4	**0.4**	0.04	0.04	7	1.1	0.6	**0.6**	0.04	0.06	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	1	0.2	0.1	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	10	1.7	0.7	**0.7**	0.05	0.05	5	0.8	0.4	**0.4**	0.02	0.02	*C81*
Non-Hodgkin lymphoma	22	3.7	1.6	**1.7**	0.13	0.19	11	1.8	0.9	**0.8**	0.04	0.06	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	4	0.7	0.3	**0.3**	0.01	0.04	2	0.3	0.2	**0.2**	0.02	0.02	*C90*
Lymphoid leukaemia	17	2.9	1.3	**1.2**	0.06	0.06	4	0.6	0.3	**0.4**	0.03	0.03	*C91*
Myeloid leukaemia	21	3.6	1.5	**1.8**	0.17	0.17	13	2.1	1.0	**1.2**	0.10	0.12	*C92-94*
Leukaemia unspecified	4	0.7	0.3	**0.3**	0.02	0.02	2	0.3	0.2	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.1	**0.1**	0.01	0.01	*MDS*
Other and unspecified	58	9.9	4.3	**4.8**	0.39	0.62	35	5.6	2.8	**2.8**	0.23	0.32	*O&U*
All sites	602		44.3	**48.1**	3.58	5.31	638		50.9	**54.6**	4.56	6.02	*C00-96*
All sites except C44	588	100.0	43.3	**47.2**	3.55	5.23	626	100.0	50.0	**53.7**	4.50	5.93	*C00-96 exc. C44*

*See note following population pyramid

India, Bhopal

REGISTRATION AREA
The Bhopal Population-based Cancer Registry covers the city of Bhopal, which is the capital of the Indian state of Madhya Pradesh.

CANCER CARE FACILITIES
There are five cancer treatment centres that provide comprehensive cancer care to patients in Bhopal.

REGISTRY STRUCTURE AND METHODS
In 1984, a chemical disaster caused by a toxic gas leak at a Union Carbide pesticide factory in Bhopal resulted in massive mortality and morbidity in the city. The main component of the toxic gas cloud was methyl isocyanate (MIC). After the disaster, the Indian Council of Medical Research initiated many studies to evaluate the resulting health effects, and a population-based cancer registry was established in Bhopal, as part of India's National Cancer Registry Programme (NCRP), to determine the burden of cancer in central India and to evaluate the carcinogenic effects of MIC, if any, on the gas-exposed population. The registry has 77 data sources, including tertiary health care centres, imaging and pathology diagnostic centres, and five cancer treatment centres. The registry's social investigators actively collect data by visiting the information sources and interviewing patients. Additional information is collected from medical records. NCRP and IARC checks are used to ensure data quality.

USE OF THE DATA
Registry data are used to help formulate the policies of the National Cancer Control Programme.

CONTRIBUTORS
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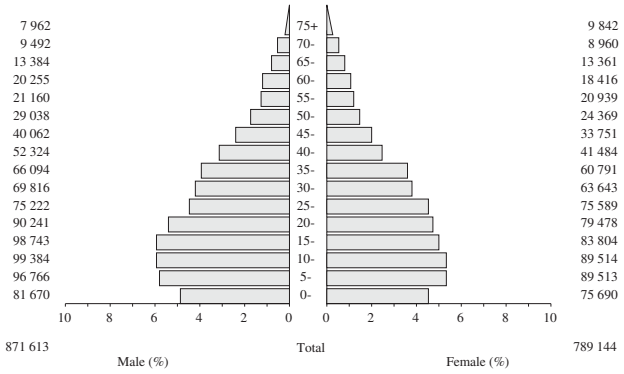
India, Bhopal (2004-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA
*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	11.9	Breast	26.4
Other and unspecified	11.7	Cervix uteri	19.5
Tongue	10.3	Ovary	8.0
Mouth	9.6	Other and unspecified	5.8
Oesophagus	6.0	Oesophagus	5.6
Prostate	5.8	Mouth	5.2
Hypopharynx	5.6	Gallbladder etc.	4.5
Larynx	5.3	Corpus uteri	2.7
Non-Hodgkin lymphoma	4.7	Non-Hodgkin lymphoma	2.6
Stomach	2.8	Trachea, bronchus and lung	2.5
All sites	110.2	All sites	109.2

*India, Bhopal (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	11	0.4	0.3	**0.5**	0.03	0.06	9	0.4	0.3	**0.4**	0.03	0.04	*C00*
Tongue	244	9.9	7.0	**10.3**	0.71	1.27	49	2.0	1.6	**2.2**	0.19	0.24	*C01-02*
Mouth	237	9.6	6.8	**9.6**	0.68	1.09	111	4.6	3.5	**5.2**	0.43	0.62	*C03-06*
Salivary glands	11	0.4	0.3	**0.5**	0.03	0.06	6	0.3	0.2	**0.2**	0.02	0.02	*C07-08*
Tonsil	42	1.7	1.2	**1.9**	0.14	0.25	4	0.2	0.1	**0.2**	0.00	0.01	*C09*
Other oropharynx	20	0.8	0.6	**1.0**	0.05	0.14	2	0.1	0.1	**0.1**	0.01	0.02	*C10*
Nasopharynx	11	0.4	0.3	**0.4**	0.04	0.06	2	0.1	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	113	4.6	3.2	**5.6**	0.28	0.71	17	0.7	0.5	**0.9**	0.06	0.10	*C12-13*
Pharynx unspecified	6	0.2	0.2	**0.3**	0.01	0.03	1	0.0	0.0	**0.1**	0.00	0.01	*C14*
Oesophagus	126	5.1	3.6	**6.0**	0.36	0.69	113	4.7	3.6	**5.6**	0.37	0.69	*C15*
Stomach	60	2.4	1.7	**2.8**	0.17	0.35	24	1.0	0.8	**1.2**	0.08	0.17	*C16*
Small intestine	6	0.2	0.2	**0.3**	0.02	0.04	5	0.2	0.2	**0.3**	0.03	0.03	*C17*
Colon	54	2.2	1.5	**2.3**	0.13	0.31	32	1.3	1.0	**1.6**	0.11	0.20	*C18*
Rectum	42	1.7	1.2	**1.9**	0.12	0.21	36	1.5	1.1	**1.6**	0.11	0.17	*C19-20*
Anus	10	0.4	0.3	**0.4**	0.03	0.05	11	0.5	0.3	**0.5**	0.03	0.06	*C21*
Liver	44	1.8	1.3	**2.0**	0.11	0.26	23	1.0	0.7	**1.0**	0.06	0.13	*C22*
Gallbladder etc.	55	2.2	1.6	**2.4**	0.16	0.30	93	3.9	2.9	**4.5**	0.29	0.57	*C23-24*
Pancreas	28	1.1	0.8	**1.2**	0.09	0.12	18	0.8	0.6	**0.9**	0.05	0.11	*C25*
Nose, sinuses etc.	14	0.6	0.4	**0.6**	0.03	0.06	8	0.3	0.3	**0.4**	0.03	0.04	*C30-31*
Larynx	113	4.6	3.2	**5.3**	0.33	0.65	15	0.6	0.5	**0.7**	0.05	0.08	*C32*
Trachea, bronchus and lung	253	10.2	7.3	**11.9**	0.79	1.54	51	2.1	1.6	**2.5**	0.16	0.30	*C33-34*
Other thoracic organs	5	0.2	0.1	**0.2**	0.01	0.01	2	0.1	0.1	**0.1**	0.01	0.01	*C37-38*
Bone	40	1.6	1.1	**1.3**	0.09	0.11	19	0.8	0.6	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	10	0.4	0.3	**0.4**	0.03	0.05	3	0.1	0.1	**0.1**	0.01	0.01	*C43*
Other skin	41		1.2	**2.0**	0.11	0.23	33		1.0	**1.6**	0.10	0.15	*C44*
Mesothelioma	2	0.1	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	32	1.3	0.9	**1.3**	0.07	0.16	28	1.2	0.9	**1.0**	0.06	0.10	*C47+C49*
Breast	18	0.7	0.5	**0.7**	0.04	0.10	598	25.0	18.9	**26.4**	2.15	2.94	*C50*
Vulva							5	0.2	0.2	**0.3**	0.01	0.04	*C51*
Vagina							7	0.3	0.2	**0.4**	0.02	0.05	*C52*
Cervix uteri							426	17.8	13.5	**19.5**	1.50	2.22	*C53*
Corpus uteri							57	2.4	1.8	**2.7**	0.26	0.32	*C54*
Uterus unspecified							7	0.3	0.2	**0.3**	0.03	0.04	*C55*
Ovary							184	7.7	5.8	**8.0**	0.62	0.89	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							7	0.3	0.2	**0.2**	0.01	0.01	*C58*
Penis	12	0.5	0.3	**0.6**	0.03	0.05							*C60*
Prostate	109	4.4	3.1	**5.8**	0.19	0.75							*C61*
Testis	29	1.2	0.8	**0.8**	0.06	0.07							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	33	1.3	0.9	**1.4**	0.09	0.15	14	0.6	0.4	**0.6**	0.04	0.06	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	42	1.7	1.2	**2.2**	0.06	0.28	10	0.4	0.3	**0.5**	0.03	0.06	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	5	0.2	0.1	**0.2**	0.01	0.02	5	0.2	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	59	2.4	1.7	**2.2**	0.15	0.28	55	2.3	1.7	**2.0**	0.15	0.17	*C70-72*
Thyroid	20	0.8	0.6	**0.8**	0.06	0.10	42	1.8	1.3	**1.8**	0.13	0.19	*C73*
Adrenal gland	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	26	1.1	0.7	**0.9**	0.05	0.08	20	0.8	0.6	**0.7**	0.05	0.06	*C81*
Non-Hodgkin lymphoma	123	5.0	3.5	**4.7**	0.24	0.52	59	2.5	1.9	**2.6**	0.17	0.26	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	32	1.3	0.9	**1.5**	0.08	0.19	19	0.8	0.6	**0.9**	0.05	0.10	*C90*
Lymphoid leukaemia	53	2.1	1.5	**1.9**	0.10	0.19	27	1.1	0.9	**0.9**	0.05	0.07	*C91*
Myeloid leukaemia	65	2.6	1.9	**2.3**	0.15	0.21	42	1.8	1.3	**1.7**	0.11	0.21	*C92-94*
Leukaemia unspecified	1	0.0	0.0	**0.0**	0.01	0.01	3	0.1	0.1	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	252	10.2	7.2	**11.7**	0.69	1.36	121	5.1	3.8	**5.8**	0.35	0.70	*O&U*
All sites	2511		72.0	**110.2**	6.65	13.19	2426		76.9	**109.2**	8.09	12.35	*C00-96*
All sites except C44	2470	100.0	70.8	**108.3**	6.54	12.96	2393	100.0	75.8	**107.6**	7.99	12.20	*C00-96 exc. C44*

*See note following population pyramid

India, Chennai

REGISTRATION AREA

The Madras Metropolitan Tumour Registry (MMTR) covers an entirely urban area of 170 km^2 within the metropolitan limits of Chennai, which is the capital of the Indian state of Tamil Nadu. In 2005, the covered population was 4.5 million, accounting for 0.4% and 6.5% of the total populations of the country and the state, respectively.

CANCER CARE FACILITIES

Cancer diagnosis and treatment are provided primarily by government health services, including the Cancer Institute (WIA) Chennai, which is one of the Indian Ministry of Health and Family Welfare's regional cancer centres. Some care is also provided by private practitioners and hospitals. Radiotherapy is available at four government hospitals and eight private hospitals. Surgery and chemotherapy are provided by all major hospitals.

REGISTRY STRUCTURE AND METHODS

The MMTR was established at the Cancer Institute (WIA) Chennai in 1981 as part of India's National Cancer Registry Programme (NCRP). Data collection is active. The registry receives good cooperation from all health care facilities in and around Chennai, and has more than 230 information sources (government and private hospitals, nursing homes, consultants, pathology laboratories, imaging centres, and hospices). MMTR registrars visit these sources regularly and collect data by interviewing patients (when possible) and from medical records. Mortality data are collected from the Vital Statistics Division of the Corporation of Chennai. Data reliability and quality are continually monitored, with an emphasis on case finding. Validity checks are done using IARC, NCRP, and registry-developed software.

USE OF THE DATA

The registry periodically publishes reports and descriptive epidemiological studies on cancer incidence patterns and trends. The MMTR also provides expertise to the Dindigul Ambilikkai Cancer Registry in Tamil Nadu.

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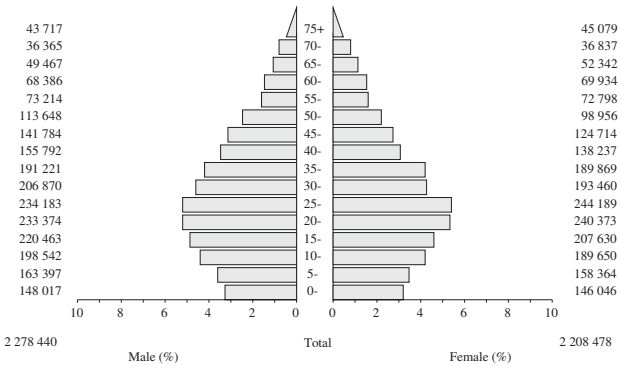
India, Chennai (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA

*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	12.5	Breast	32.8
Stomach	11.9	Cervix uteri	21.4
Oesophagus	7.9	Ovary	6.5
Other and unspecified	6.6	Stomach	5.9
Mouth	6.2	Mouth	5.0
Tongue	5.9	Oesophagus	4.7
Prostate	5.1	Other and unspecified	4.4
Larynx	4.7	Trachea, bronchus and lung	3.5
Non-Hodgkin lymphoma	4.6	Thyroid	2.8
Hypopharynx	4.4	Corpus uteri	2.7
All sites	114.9	All sites	122.8

*India, Chennai (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	26	0.2	0.2	**0.3**	0.02	0.03	19	0.2	0.2	**0.2**	0.01	0.02	*C00*
Tongue	614	5.4	5.4	**5.9**	0.43	0.70	211	1.7	1.9	**2.1**	0.16	0.27	*C01-02*
Mouth	636	5.6	5.6	**6.2**	0.47	0.74	481	3.9	4.4	**5.0**	0.34	0.64	*C03-06*
Salivary glands	60	0.5	0.5	**0.5**	0.04	0.06	45	0.4	0.4	**0.4**	0.03	0.04	*C07-08*
Tonsil	170	1.5	1.5	**1.7**	0.13	0.20	18	0.1	0.2	**0.2**	0.01	0.02	*C09*
Other oropharynx	164	1.4	1.4	**1.7**	0.13	0.21	19	0.2	0.2	**0.2**	0.01	0.02	*C10*
Nasopharynx	76	0.7	0.7	**0.7**	0.05	0.08	41	0.3	0.4	**0.4**	0.03	0.04	*C11*
Hypopharynx	434	3.8	3.8	**4.4**	0.32	0.54	194	1.6	1.8	**1.9**	0.14	0.22	*C12-13*
Pharynx unspecified	59	0.5	0.5	**0.6**	0.05	0.07	27	0.2	0.2	**0.3**	0.02	0.03	*C14*
Oesophagus	782	6.8	6.9	**7.9**	0.52	1.01	462	3.7	4.2	**4.7**	0.30	0.61	*C15*
Stomach	1187	10.4	10.4	**11.9**	0.80	1.48	595	4.8	5.4	**5.9**	0.43	0.70	*C16*
Small intestine	27	0.2	0.2	**0.3**	0.02	0.03	20	0.2	0.2	**0.2**	0.02	0.02	*C17*
Colon	277	2.4	2.4	**2.7**	0.18	0.32	228	1.8	2.1	**2.2**	0.16	0.26	*C18*
Rectum	393	3.4	3.4	**3.8**	0.23	0.45	237	1.9	2.1	**2.3**	0.16	0.27	*C19-20*
Anus	69	0.6	0.6	**0.7**	0.06	0.08	49	0.4	0.4	**0.5**	0.04	0.07	*C21*
Liver	301	2.6	2.6	**3.0**	0.19	0.38	105	0.8	1.0	**1.1**	0.07	0.12	*C22*
Gallbladder etc.	145	1.3	1.3	**1.5**	0.10	0.19	120	1.0	1.1	**1.2**	0.09	0.14	*C23-24*
Pancreas	167	1.5	1.5	**1.6**	0.12	0.19	103	0.8	0.9	**1.0**	0.06	0.12	*C25*
Nose, sinuses etc.	78	0.7	0.7	**0.8**	0.06	0.08	47	0.4	0.4	**0.5**	0.03	0.05	*C30-31*
Larynx	454	4.0	4.0	**4.7**	0.29	0.62	72	0.6	0.7	**0.7**	0.05	0.09	*C32*
Trachea, bronchus and lung	1218	10.7	10.7	**12.5**	0.84	1.61	347	2.8	3.1	**3.5**	0.24	0.42	*C33-34*
Other thoracic organs	30	0.3	0.3	**0.3**	0.02	0.03	20	0.2	0.2	**0.2**	0.02	0.02	*C37-38*
Bone	125	1.1	1.1	**1.1**	0.07	0.10	94	0.8	0.9	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	34	0.3	0.3	**0.3**	0.02	0.04	38	0.3	0.3	**0.4**	0.03	0.04	*C43*
Other skin	145		1.3	**1.4**	0.09	0.17	88		0.8	**0.9**	0.06	0.11	*C44*
Mesothelioma	12	0.1	0.1	**0.1**	0.01	0.02	2	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	2	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	132	1.2	1.2	**1.3**	0.07	0.13	115	0.9	1.0	**1.1**	0.08	0.11	*C47+C49*
Breast	50	0.4	0.4	**0.5**	0.04	0.06	3405	27.5	30.8	**32.8**	2.62	3.62	*C50*
Vulva							51	0.4	0.5	**0.5**	0.03	0.07	*C51*
Vagina							79	0.6	0.7	**0.8**	0.06	0.10	*C52*
Cervix uteri							2145	17.3	19.4	**21.4**	1.74	2.51	*C53*
Corpus uteri							266	2.1	2.4	**2.7**	0.20	0.34	*C54*
Uterus unspecified							55	0.4	0.5	**0.6**	0.04	0.07	*C55*
Ovary							659	5.3	6.0	**6.5**	0.50	0.75	*C56*
Other female genital organs							5	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							10	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	179	1.6	1.6	**1.8**	0.13	0.23							*C60*
Prostate	489	4.3	4.3	**5.1**	0.15	0.63							*C61*
Testis	96	0.8	0.8	**0.8**	0.05	0.06							*C62*
Other male genital organs	5	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	145	1.3	1.3	**1.5**	0.09	0.18	68	0.5	0.6	**0.7**	0.05	0.08	*C64*
Renal pelvis	5	0.0	0.0	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	5	0.0	0.0	**0.1**	0.00	0.01	3	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	301	2.6	2.6	**3.1**	0.14	0.40	76	0.6	0.7	**0.8**	0.04	0.10	*C67*
Other urinary organs	4	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	48	0.4	0.4	**0.6**	0.03	0.04	28	0.2	0.3	**0.4**	0.02	0.03	*C69*
Brain, nervous system	344	3.0	3.0	**3.2**	0.23	0.31	239	1.9	2.2	**2.3**	0.16	0.21	*C70-72*
Thyroid	146	1.3	1.3	**1.3**	0.10	0.15	323	2.6	2.9	**2.8**	0.22	0.28	*C73*
Adrenal gland	22	0.2	0.2	**0.3**	0.02	0.02	11	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	11	0.1	0.1	**0.1**	0.00	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	145	1.3	1.3	**1.3**	0.09	0.10	100	0.8	0.9	**0.9**	0.06	0.08	*C81*
Non-Hodgkin lymphoma	481	4.2	4.2	**4.6**	0.32	0.50	254	2.0	2.3	**2.4**	0.18	0.26	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	149	1.3	1.3	**1.6**	0.10	0.20	91	0.7	0.8	**0.9**	0.06	0.10	*C90*
Lymphoid leukaemia	208	1.8	1.8	**2.3**	0.12	0.15	146	1.2	1.3	**1.7**	0.09	0.11	*C91*
Myeloid leukaemia	225	2.0	2.0	**2.0**	0.14	0.19	196	1.6	1.8	**1.8**	0.13	0.17	*C92-94*
Leukaemia unspecified	36	0.3	0.3	**0.3**	0.02	0.02	26	0.2	0.2	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	668	5.8	5.9	**6.6**	0.44	0.79	440	3.6	4.0	**4.4**	0.29	0.49	*O&U*
All sites	11580		101.6	**114.9**	7.53	13.64	12481		113.0	**122.8**	9.16	13.97	*C00-96*
All sites except C44	11435	100.0	100.4	**113.5**	7.44	13.47	12393	100.0	112.2	**121.9**	9.09	13.87	*C00-96 exc. C44*

*See note following population pyramid

India, Dindigul, Ambilikkai

REGISTRATION AREA

The Dindigul Ambilikkai Cancer Registry (DACR) covers the Dindigul district in the Indian state of Tamil Nadu. The district has an area of 6267 km^2 and in 2005 had a population (predominantly rural) of 2 million.

CANCER CARE FACILITIES

Cancer diagnosis and treatment are provided by government health services and supplemented by private practitioners and hospitals. Radiotherapy is available at the Christian Fellowship Community Health Centre (CFCHC) in Dindigul district, and in 10 other hospitals in neighbouring districts. Surgery and chemotherapy are provided by all major hospitals, and pathology and imaging services are widely available in neighbouring districts.

REGISTRY STRUCTURE AND METHODS

The DACR was established in 2004, with special emphasis on the evaluation of a field intervention trial on cervical cancer that was under way in the region. The registry includes data on incident cancers diagnosed since 2003. The DACR is based at the Cancer Institute (WIA) Chennai and has a field office at the CFCHC in the village of Ambilikkai. The registry is funded by IARC. Information is actively collected from 103 data sources: 33 in the Dindigul district, 22 in five adjoining districts, and 48 in five distant districts (including Chennai). The sources are government and private hospitals, nursing homes, consultants, pathology laboratories, imaging centres, and hospices. DACR registrars visit the sources regularly to collect data from medical records. Home visits for each registered case are conducted annually to improve data completeness. Mortality data are collected from the vital statistics division of the directorate of public health and from subdistrict offices. Validity checks are done using IARC and registry-developed software.

USE OF THE DATA

The DACR has published several descriptive epidemiological studies on cancer incidence patterns. It was also instrumental in evaluating the population-based cervical cancer intervention trial in Dindigul district, which paved the way for the state government to establish cancer screening programmes in other districts. In the future, the DACR will monitor participants in the human papillomavirus vaccine trial in Ambilikkai for cervical neoplasia and will support the evaluation of breast cancer early detection initiatives in Dindigul district.

CONTRIBUTORS

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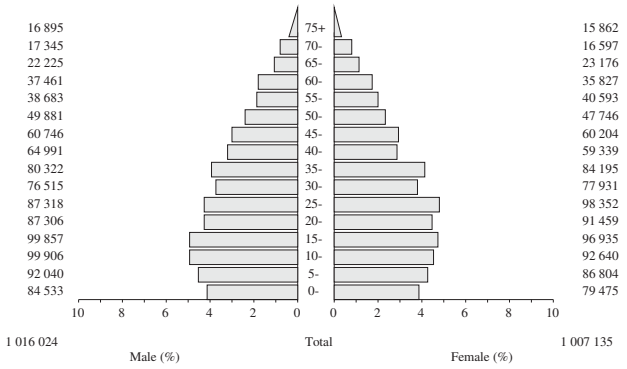
India, Dindigul, Ambilikkai (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA

*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	6.1	Cervix uteri	24.5
Other and unspecified	5.4	Breast	12.0
Oesophagus	4.0	Other and unspecified	3.7
Mouth	4.0	Ovary	3.2
Trachea, bronchus and lung	3.7	Mouth	3.0
Tongue	2.7	Stomach	2.8
Hypopharynx	2.3	Oesophagus	1.9
Larynx	2.2	Thyroid	1.4
Liver	2.0	Corpus uteri	1.0
Non-melanoma skin cancer	1.5	Trachea, bronchus and lung	1.0
All sites	54.6	All sites	68.6

*India, Dindigul, Ambilikkai (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	11	0.4	0.2	**0.2**	0.01	0.02	11	0.3	0.2	**0.2**	0.02	0.03	*C00*
Tongue	127	5.1	2.5	**2.7**	0.18	0.32	32	1.0	0.6	**0.7**	0.06	0.07	*C01-02*
Mouth	185	7.4	3.6	**4.0**	0.26	0.52	140	4.2	2.8	**3.0**	0.21	0.37	*C03-06*
Salivary glands	11	0.4	0.2	**0.2**	0.02	0.03	14	0.4	0.3	**0.3**	0.03	0.03	*C07-08*
Tonsil	42	1.7	0.8	**0.9**	0.07	0.11	10	0.3	0.2	**0.2**	0.01	0.02	*C09*
Other oropharynx	51	2.0	1.0	**1.1**	0.07	0.14	4	0.1	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	20	0.8	0.4	**0.4**	0.03	0.05	5	0.1	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	103	4.1	2.0	**2.3**	0.14	0.28	36	1.1	0.7	**0.7**	0.06	0.07	*C12-13*
Pharynx unspecified	40	1.6	0.8	**0.9**	0.05	0.11	19	0.6	0.4	**0.4**	0.03	0.04	*C14*
Oesophagus	181	7.2	3.6	**4.0**	0.24	0.52	88	2.6	1.7	**1.9**	0.14	0.21	*C15*
Stomach	293	11.7	5.8	**6.1**	0.48	0.74	135	4.0	2.7	**2.8**	0.19	0.35	*C16*
Small intestine	5	0.2	0.1	**0.1**	0.01	0.01	3	0.1	0.1	**0.1**	0.00	0.00	*C17*
Colon	28	1.1	0.6	**0.6**	0.05	0.06	23	0.7	0.5	**0.5**	0.04	0.05	*C18*
Rectum	68	2.7	1.3	**1.4**	0.09	0.16	42	1.3	0.8	**0.8**	0.07	0.08	*C19-20*
Anus	14	0.6	0.3	**0.3**	0.03	0.03	9	0.3	0.2	**0.2**	0.02	0.02	*C21*
Liver	90	3.6	1.8	**2.0**	0.11	0.26	19	0.6	0.4	**0.4**	0.03	0.03	*C22*
Gallbladder etc.	19	0.8	0.4	**0.4**	0.03	0.05	21	0.6	0.4	**0.4**	0.03	0.04	*C23-24*
Pancreas	35	1.4	0.7	**0.7**	0.05	0.09	20	0.6	0.4	**0.4**	0.04	0.05	*C25*
Nose, sinuses etc.	35	1.4	0.7	**0.8**	0.04	0.09	16	0.5	0.3	**0.3**	0.02	0.03	*C30-31*
Larynx	103	4.1	2.0	**2.2**	0.16	0.27	12	0.4	0.2	**0.2**	0.02	0.03	*C32*
Trachea, bronchus and lung	173	6.9	3.4	**3.7**	0.27	0.47	50	1.5	1.0	**1.0**	0.08	0.13	*C33-34*
Other thoracic organs	3	0.1	0.1	**0.1**	0.01	0.01	2	0.1	0.0	**0.0**	0.00	0.01	*C37-38*
Bone	37	1.5	0.7	**0.7**	0.05	0.06	30	0.9	0.6	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	6	0.2	0.1	**0.1**	0.01	0.02	4	0.1	0.1	**0.1**	0.01	0.01	*C43*
Other skin	75		1.5	**1.5**	0.13	0.16	42		0.8	**0.9**	0.07	0.09	*C44*
Mesothelioma	2	0.1	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	37	1.5	0.7	**0.7**	0.05	0.08	30	0.9	0.6	**0.6**	0.05	0.06	*C47+C49*
Breast	14	0.6	0.3	**0.3**	0.02	0.04	607	18.2	12.1	**12.0**	0.97	1.24	*C50*
Vulva							20	0.6	0.4	**0.5**	0.02	0.07	*C51*
Vagina							39	1.2	0.8	**0.8**	0.06	0.10	*C52*
Cervix uteri							1215	36.4	24.1	**24.5**	2.11	2.65	*C53*
Corpus uteri							49	1.5	1.0	**1.0**	0.08	0.12	*C54*
Uterus unspecified							6	0.2	0.1	**0.1**	0.01	0.01	*C55*
Ovary							161	4.8	3.2	**3.2**	0.27	0.33	*C56*
Other female genital organs							1	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							4	0.1	0.1	**0.1**	0.00	0.00	*C58*
Penis	72	2.9	1.4	**1.5**	0.10	0.17							*C60*
Prostate	32	1.3	0.6	**0.7**	0.03	0.12							*C61*
Testis	20	0.8	0.4	**0.4**	0.03	0.03							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	30	1.2	0.6	**0.7**	0.04	0.07	18	0.5	0.4	**0.4**	0.03	0.04	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	51	2.0	1.0	**1.1**	0.07	0.15	15	0.4	0.3	**0.3**	0.02	0.03	*C67*
Other urinary organs	2	0.1	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	3	0.1	0.1	**0.1**	0.00	0.00	4	0.1	0.1	**0.1**	0.01	0.01	*C69*
Brain, nervous system	77	3.1	1.5	**1.5**	0.12	0.13	47	1.4	0.9	**1.0**	0.07	0.08	*C70-72*
Thyroid	25	1.0	0.5	**0.5**	0.04	0.06	71	2.1	1.4	**1.4**	0.11	0.14	*C73*
Adrenal gland	1	0.0	0.0	**0.0**	0.00	0.00	3	0.1	0.1	**0.1**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	27	1.1	0.5	**0.5**	0.03	0.03	16	0.5	0.3	**0.3**	0.02	0.03	*C81*
Non-Hodgkin lymphoma	72	2.9	1.4	**1.5**	0.11	0.15	28	0.8	0.6	**0.6**	0.04	0.06	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	14	0.6	0.3	**0.3**	0.02	0.04	10	0.3	0.2	**0.2**	0.02	0.02	*C90*
Lymphoid leukaemia	35	1.4	0.7	**0.8**	0.04	0.05	12	0.4	0.2	**0.3**	0.02	0.02	*C91*
Myeloid leukaemia	41	1.6	0.8	**0.8**	0.06	0.07	42	1.3	0.8	**0.8**	0.07	0.07	*C92-94*
Leukaemia unspecified	18	0.7	0.4	**0.3**	0.03	0.03	11	0.3	0.2	**0.2**	0.02	0.02	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	252	10.1	5.0	**5.4**	0.36	0.60	180	5.4	3.6	**3.7**	0.28	0.39	*O&U*
All sites	2580		50.8	**54.6**	3.74	6.39	3378		67.1	**68.6**	5.52	7.33	*C00-96*
All sites except C44	2505	100.0	49.3	**53.1**	3.61	6.23	3336	100.0	66.2	**67.8**	5.45	7.23	*C00-96 exc. C44*

*See note following population pyramid

India, Karunagappally

REGISTRATION AREA

The Karunagappally Rural Cancer Registry covers the *taluk* (subdistrict) of Karunagappally (an area of 192 km^2) in the Kollam district of the Indian state of Kerala. The area is rural, with lowlands, backwaters, and coastlines. The coastal belt of Karunagappally is internationally known for its rich deposits of naturally occurring radioactive mineral sands. The population is stable, with 2000 residents/km^2. Most residents are agricultural labourers, fishermen, or coconut fibre labourers. The major religions are Hinduism, Christianity, and Islam. The literacy rate is more than 85%.

CANCER CARE FACILITIES

There are no dedicated cancer treatment centres in the area, but the Regional Cancer Centre in Thiruvananthapuram is located about 100 km away.

REGISTRY STRUCTURE AND METHODS

The registry (Kerala's first population-based cancer registry) was established in 1990 by the Regional Cancer Centre in Thiruvananthapuram, with government funding from the Indian Department of Atomic Energy, as a special-purpose registry to study cancer and the natural radiation present along the coast of Karunagappally. Since 1999, the registry has received funding from the Japanese Health Research Foundation and the government of Kerala's Local Administration Department. In January 2006, the registry was extended to cover the entire Kollam district, with funding from the Indian Council of Medical Research. The registry has 15 staff members and uses active case finding. Registry investigators visit and abstract data from pathology laboratories, medical colleges with oncology units, private and government hospitals, and the vital statistics divisions of the district and nearby towns. The collected data are then processed and registered.

INTERPRETING THE RESULTS

Although there are no cancer treatment facilities in the registration area, the area's high literacy rates, good communications infrastructure, and high levels of health awareness, as well as the dedicated services established for cancer care by the Regional Cancer Centre, enhance the quality of registry activities.

USE OF THE DATA

Registry data are used for organizing cancer control and epidemiological studies, which investigate mainly the effects of chronic exposure to the natural radiation in the area.

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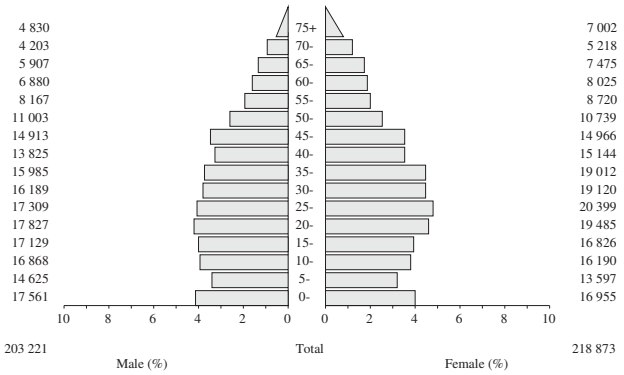
India, Karunagappally (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA

*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	18.8	Breast	16.6
Other and unspecified	12.7	Cervix uteri	8.9
Mouth	7.3	Other and unspecified	6.1
Stomach	6.9	Thyroid	6.0
Oesophagus	6.7	Ovary	3.7
Tongue	5.7	Mouth	3.1
Larynx	5.3	Oesophagus	3.0
Liver	4.6	Rectum	2.8
Prostate	4.2	Tongue	2.7
Brain, nervous system	4.1	Stomach	2.5
All sites	116.6	All sites	80.4

*India, Karunagappally (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.1	0.1	**0.1**	0.01	0.01	4	0.4	0.4	**0.3**	0.02	0.04	*C00*
Tongue	62	5.2	6.1	**5.7**	0.43	0.61	33	3.4	3.0	**2.7**	0.21	0.35	*C01-02*
Mouth	76	6.3	7.5	**7.3**	0.58	0.85	39	4.0	3.6	**3.1**	0.19	0.41	*C03-06*
Salivary glands	4	0.3	0.4	**0.4**	0.01	0.04	3	0.3	0.3	**0.3**	0.03	0.03	*C07-08*
Tonsil	7	0.6	0.7	**0.7**	0.03	0.12	2	0.2	0.2	**0.2**	0.00	0.02	*C09*
Other oropharynx	19	1.6	1.9	**1.9**	0.13	0.20	1	0.1	0.1	**0.1**	0.00	0.00	*C10*
Nasopharynx	4	0.3	0.4	**0.4**	0.02	0.05	1	0.1	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	29	2.4	2.9	**2.7**	0.09	0.39	1	0.1	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	7	0.6	0.7	**0.7**	0.02	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	69	5.8	6.8	**6.7**	0.48	0.79	39	4.0	3.6	**3.0**	0.11	0.43	*C15*
Stomach	73	6.1	7.2	**6.9**	0.34	0.87	34	3.5	3.1	**2.5**	0.11	0.27	*C16*
Small intestine	2	0.2	0.2	**0.2**	0.02	0.02	1	0.1	0.1	**0.1**	0.00	0.01	*C17*
Colon	26	2.2	2.6	**2.4**	0.16	0.28	28	2.8	2.6	**2.2**	0.13	0.30	*C18*
Rectum	34	2.8	3.3	**3.3**	0.25	0.38	33	3.4	3.0	**2.8**	0.21	0.37	*C19-20*
Anus	3	0.3	0.3	**0.3**	0.01	0.06	4	0.4	0.4	**0.3**	0.01	0.03	*C21*
Liver	49	4.1	4.8	**4.6**	0.32	0.53	12	1.2	1.1	**0.9**	0.05	0.09	*C22*
Gallbladder etc.	11	0.9	1.1	**1.0**	0.05	0.14	8	0.8	0.7	**0.6**	0.05	0.08	*C23-24*
Pancreas	24	2.0	2.4	**2.3**	0.16	0.33	16	1.6	1.5	**1.3**	0.08	0.14	*C25*
Nose, sinuses etc.	5	0.4	0.5	**0.5**	0.02	0.04	3	0.3	0.3	**0.2**	0.01	0.04	*C30-31*
Larynx	54	4.5	5.3	**5.3**	0.35	0.70	5	0.5	0.5	**0.4**	0.04	0.06	*C32*
Trachea, bronchus and lung	195	16.3	19.2	**18.8**	1.15	2.43	28	2.8	2.6	**2.3**	0.16	0.29	*C33-34*
Other thoracic organs	4	0.3	0.4	**0.4**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	11	0.9	1.1	**1.1**	0.08	0.11	12	1.2	1.1	**1.1**	0.07	0.07	*C40-41*
Melanoma of skin	0	0.0	0.0	**0.0**	0.00	0.00	6	0.6	0.5	**0.4**	0.02	0.04	*C43*
Other skin	21		2.1	**2.0**	0.14	0.25	13		1.2	**1.0**	0.05	0.11	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	12	1.0	1.2	**1.1**	0.06	0.10	12	1.2	1.1	**0.9**	0.04	0.09	*C47+C49*
Breast	2	0.2	0.2	**0.2**	0.02	0.02	211	21.5	19.3	**16.6**	1.29	1.73	*C50*
Vulva							3	0.3	0.3	**0.2**	0.01	0.02	*C51*
Vagina							2	0.2	0.2	**0.2**	0.01	0.01	*C52*
Cervix uteri							108	11.0	9.9	**8.9**	0.69	1.04	*C53*
Corpus uteri							16	1.6	1.5	**1.3**	0.09	0.16	*C54*
Uterus unspecified							4	0.4	0.4	**0.3**	0.03	0.03	*C55*
Ovary							44	4.5	4.0	**3.7**	0.29	0.43	*C56*
Other female genital organs							1	0.1	0.1	**0.1**	0.00	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	13	1.1	1.3	**1.2**	0.08	0.14							*C60*
Prostate	44	3.7	4.3	**4.2**	0.11	0.56							*C61*
Testis	6	0.5	0.6	**0.5**	0.04	0.04							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	16	1.3	1.6	**1.6**	0.13	0.18	2	0.2	0.2	**0.2**	0.01	0.02	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	32	2.7	3.1	**3.0**	0.09	0.41	3	0.3	0.3	**0.2**	0.01	0.01	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	1	0.1	0.1	**0.1**	0.01	0.01	1	0.1	0.1	**0.1**	0.01	0.01	*C69*
Brain, nervous system	44	3.7	4.3	**4.1**	0.25	0.46	25	2.5	2.3	**2.2**	0.17	0.21	*C70-72*
Thyroid	20	1.7	2.0	**1.7**	0.14	0.15	77	7.8	7.0	**6.0**	0.45	0.50	*C73*
Adrenal gland	1	0.1	0.1	**0.1**	0.01	0.01	2	0.2	0.2	**0.2**	0.01	0.01	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	8	0.7	0.8	**0.8**	0.05	0.07	2	0.2	0.2	**0.1**	0.00	0.00	*C81*
Non-Hodgkin lymphoma	30	2.5	3.0	**2.8**	0.19	0.33	22	2.2	2.0	**1.9**	0.11	0.24	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	19	1.6	1.9	**1.8**	0.09	0.22	19	1.9	1.7	**1.5**	0.06	0.20	*C90*
Lymphoid leukaemia	14	1.2	1.4	**1.7**	0.09	0.09	13	1.3	1.2	**1.4**	0.07	0.09	*C91*
Myeloid leukaemia	27	2.3	2.7	**2.5**	0.18	0.24	17	1.7	1.6	**1.5**	0.12	0.13	*C92-94*
Leukaemia unspecified	6	0.5	0.6	**0.6**	0.04	0.06	6	0.6	0.5	**0.5**	0.04	0.04	*C95*
Myeloproliferative disorders	1	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	134	11.2	13.2	**12.7**	0.72	1.53	80	8.1	7.3	**6.1**	0.31	0.72	*O&U*
All sites	1220		120.1	**116.6**	7.22	13.90	996		91.0	**80.4**	5.39	8.93	*C00-96*
All sites except C44	1199	100.0	118.0	**114.6**	7.08	13.65	983	100.0	89.8	**79.4**	5.34	8.82	*C00-96 exc. C44*

*See note following population pyramid

India, Mizoram

REGISTRATION AREA

The Mizoram Population-based Cancer Registry covers the state of Mizoram in north-eastern India between Myanmar and Bangladesh. The residents are ethnically different than elsewhere in India; they are of Mongoloid origin, and most are Christian. The population is a mix of urban and rural.

CANCER CARE FACILITIES

The main referral hospital is the Aizawl Civil Hospital, which is also a regional cancer centre. It provides radiotherapy, pathology, computed tomography, and cancer surgery. Histopathology, computed tomography, magnetic resonance imaging, and endoscopy are available in some private hospitals and diagnostic centres.

REGISTRY STRUCTURE AND METHODS

The registry was established at the Aizawl Civil Hospital in 2003 as part of the National Cancer Registry Programme (NCRP) of the Indian Council of Medical Research, which funds the project. The registry is staffed by part-time pathologists and oncologists and seven full-time employees: a principal investigator/ director (a pathologist) and six co-investigators. Data collection is active, with staff members regularly visiting the sources (hospitals, laboratories, and diagnostic centres). Mortality data are collected from about 700 birth and death registers throughout the state. Checks for duplicates and consistency are carried out first at the registry and again at the NCRP headquarters in Bangalore.

INTERPRETING THE RESULTS

There have been no changes in the area or population covered. There are no organized screening programmes in the state. National and international tobacco use surveys have consistently shown very high rates of tobacco smoking and smokeless tobacco use among both men and women in Mizoram.

USE OF THE DATA

Registry data are published by the NCRP (along with other data) annually or biennially. Several research projects, some of which have already been published, have been initiated to investigate Mizoram's consistently high incidence rates of certain cancers (such as gastric, lung, and oesophageal cancers) and overall compared with other registration areas in India. Tobacco control programmes have been initiated.

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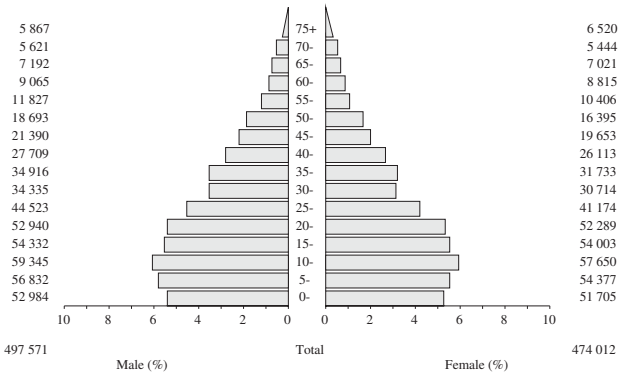
India, Mizoram (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA

*No official mortality data. Fluctuation in rates from year to year.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	50.6	Trachea, bronchus and lung	27.4
Trachea, bronchus and lung	27.5	Stomach	24.9
Other and unspecified	25.1	Cervix uteri	19.7
Oesophagus	20.9	Other and unspecified	18.0
Hypopharynx	10.1	Breast	16.3
Liver	6.7	Liver	4.8
Nasopharynx	5.0	Rectum	3.9
Rectum	4.5	Oesophagus	3.7
Non-Hodgkin lymphoma	3.5	Ovary	3.2
Mouth	3.3	Nasopharynx	2.9
All sites	197.1	All sites	159.1

*India, Mizoram (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.1	0.1	**0.1**	0.01	0.01	4	0.2	0.2	**0.2**	0.02	0.02	*C00*
Tongue	54	1.8	2.2	**3.0**	0.28	0.31	7	0.3	0.3	**0.5**	0.03	0.08	*C01-02*
Mouth	55	1.8	2.2	**3.3**	0.24	0.36	32	1.3	1.4	**2.1**	0.15	0.28	*C03-06*
Salivary glands	7	0.2	0.3	**0.5**	0.03	0.04	10	0.4	0.4	**0.6**	0.02	0.09	*C07-08*
Tonsil	36	1.2	1.4	**2.0**	0.20	0.21	6	0.2	0.3	**0.4**	0.04	0.04	*C09*
Other oropharynx	23	0.7	0.9	**1.4**	0.11	0.18	7	0.3	0.3	**0.6**	0.05	0.08	*C10*
Nasopharynx	82	2.7	3.3	**5.0**	0.36	0.57	43	1.8	1.8	**2.9**	0.24	0.34	*C11*
Hypopharynx	168	5.5	6.8	**10.1**	0.82	1.07	14	0.6	0.6	**0.9**	0.07	0.10	*C12-13*
Pharynx unspecified	39	1.3	1.6	**2.3**	0.16	0.28	14	0.6	0.6	**0.9**	0.06	0.11	*C14*
Oesophagus	347	11.3	13.9	**20.9**	1.75	2.33	58	2.4	2.4	**3.7**	0.21	0.41	*C15*
Stomach	752	24.5	30.2	**50.6**	3.07	6.24	347	14.2	14.6	**24.9**	1.53	3.19	*C16*
Small intestine	4	0.1	0.2	**0.3**	0.01	0.04	2	0.1	0.1	**0.1**	0.00	0.02	*C17*
Colon	45	1.5	1.8	**2.8**	0.12	0.29	40	1.6	1.7	**2.5**	0.20	0.21	*C18*
Rectum	67	2.2	2.7	**4.5**	0.25	0.48	56	2.3	2.4	**3.9**	0.22	0.53	*C19-20*
Anus	1	0.0	0.0	**0.1**	0.00	0.02	3	0.1	0.1	**0.2**	0.01	0.03	*C21*
Liver	111	3.6	4.5	**6.7**	0.36	0.80	69	2.8	2.9	**4.8**	0.35	0.54	*C22*
Gallbladder etc.	17	0.6	0.7	**1.2**	0.10	0.16	38	1.6	1.6	**2.8**	0.17	0.35	*C23-24*
Pancreas	32	1.0	1.3	**2.2**	0.12	0.29	33	1.3	1.4	**2.2**	0.16	0.22	*C25*
Nose, sinuses etc.	12	0.4	0.5	**0.8**	0.05	0.06	11	0.4	0.5	**0.6**	0.02	0.07	*C30-31*
Larynx	50	1.6	2.0	**2.9**	0.23	0.31	16	0.7	0.7	**1.0**	0.07	0.10	*C32*
Trachea, bronchus and lung	390	12.7	15.7	**27.5**	1.56	3.41	369	15.1	15.6	**27.4**	1.67	3.69	*C33-34*
Other thoracic organs	3	0.1	0.1	**0.2**	0.02	0.02	1	0.0	0.0	**0.1**	0.01	0.01	*C37-38*
Bone	20	0.7	0.8	**1.0**	0.07	0.07	13	0.5	0.5	**0.6**	0.03	0.04	*C40-41*
Melanoma of skin	5	0.2	0.2	**0.4**	0.01	0.06	4	0.2	0.2	**0.2**	0.02	0.02	*C43*
Other skin	27		1.1	**1.7**	0.09	0.22	18		0.8	**1.3**	0.07	0.17	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	31	1.0	1.2	**1.7**	0.11	0.18	21	0.9	0.9	**1.1**	0.07	0.10	*C47+C49*
Breast	4	0.1	0.2	**0.3**	0.01	0.06	274	11.2	11.6	**16.3**	1.32	1.78	*C50*
Vulva							13	0.5	0.5	**0.8**	0.07	0.08	*C51*
Vagina							4	0.2	0.2	**0.3**	0.01	0.02	*C52*
Cervix uteri							364	14.9	15.4	**19.7**	1.61	2.01	*C53*
Corpus uteri							24	1.0	1.0	**1.8**	0.18	0.21	*C54*
Uterus unspecified							9	0.4	0.4	**0.5**	0.03	0.06	*C55*
Ovary							57	2.3	2.4	**3.2**	0.22	0.30	*C56*
Other female genital organs							2	0.1	0.1	**0.1**	0.01	0.01	*C57*
Placenta							17	0.7	0.7	**0.7**	0.05	0.05	*C58*
Penis	26	0.8	1.0	**1.7**	0.10	0.23							*C60*
Prostate	40	1.3	1.6	**2.8**	0.02	0.29							*C61*
Testis	7	0.2	0.3	**0.3**	0.02	0.02							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	11	0.4	0.4	**0.6**	0.03	0.05	11	0.4	0.5	**0.6**	0.05	0.05	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	2	0.1	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	24	0.8	1.0	**1.5**	0.04	0.16	15	0.6	0.6	**1.0**	0.05	0.13	*C67*
Other urinary organs	1	0.0	0.0	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	9	0.3	0.4	**0.5**	0.02	0.04	6	0.2	0.3	**0.3**	0.01	0.01	*C69*
Brain, nervous system	25	0.8	1.0	**1.3**	0.06	0.18	13	0.5	0.5	**0.7**	0.04	0.10	*C70-72*
Thyroid	22	0.7	0.9	**1.4**	0.07	0.17	47	1.9	2.0	**2.8**	0.19	0.29	*C73*
Adrenal gland	1	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	4	0.1	0.2	**0.2**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C81*
Non-Hodgkin lymphoma	58	1.9	2.3	**3.5**	0.22	0.40	34	1.4	1.4	**2.1**	0.13	0.28	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	2	0.1	0.1	**0.1**	0.01	0.01	5	0.2	0.2	**0.3**	0.03	0.03	*C90*
Lymphoid leukaemia	21	0.7	0.8	**1.0**	0.07	0.08	12	0.5	0.5	**0.5**	0.03	0.03	*C91*
Myeloid leukaemia	52	1.7	2.1	**2.4**	0.16	0.24	33	1.3	1.4	**1.6**	0.10	0.14	*C92-94*
Leukaemia unspecified	17	0.6	0.7	**0.9**	0.06	0.08	22	0.9	0.9	**1.1**	0.09	0.11	*C95*
Myeloproliferative disorders	2	0.1	0.1	**0.2**	0.00	0.03	1	0.0	0.0	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	393	12.8	15.8	**25.1**	1.51	2.68	264	10.8	11.1	**18.0**	1.13	2.06	*O&U*
All sites	3101		124.6	**197.1**	12.52	22.70	2466		104.0	**159.1**	10.84	18.63	*C00-96*
All sites except C44	3074	100.0	123.6	**195.4**	12.43	22.49	2448	100.0	103.3	**157.7**	10.77	18.46	*C00-96 exc. C44*
	§Includes 16 cases of unknown age						§Includes 9 cases of unknown age						

*See note following population pyramid

India, Mumbai

REGISTRATION AREA

The Mumbai Cancer Registry covers the metropolis of Greater Mumbai, which is an island on the west coast of India joined to the mainland by bridges. It has an area of 437.7 km^2 and a warm, humid climate. In 2001, the population was 11.9 million, with a sex ratio of 811 females per 1000 males. Greater Mumbai is the most densely populated district in India, with 2220 residents/km^2.

CANCER CARE FACILITIES

The Municipal Corporation of Greater Mumbai and the state government run most hospitals in Mumbai, including the Tata Memorial Centre, which specializes in cancer. Cancer diagnosis and treatment are centralized to certain hospitals. There have been substantial improvements in diagnostic facilities, and histopathology and imaging facilities are now available within the registration area. The number of hospital radiotherapy departments in the area has increased from two to nine.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1963 as a unit of the Indian Cancer Society, for the purpose of obtaining reliable cancer incidence and mortality data from a precisely defined urban population. Data compilation began in 1964. The registry was established in collaboration with the Biometric Research Branch of the United States National Cancer Institute and received funding from the branch until 1975. Since 1981, the registry has been funded partly by the Indian Council of Medical Research. Registry staff members visit the wards of all participating hospitals at least weekly to personally interview each patient diagnosed with or suspected to have cancer. All files maintained by the various departments of these hospitals are individually cross-checked. Care is taken to prevent duplicate registrations.

INTERPRETING THE RESULTS

Tobacco chewing is very prevalent in both sexes. Smoking (particularly bidi smoking) is prevalent among men but less common among women.

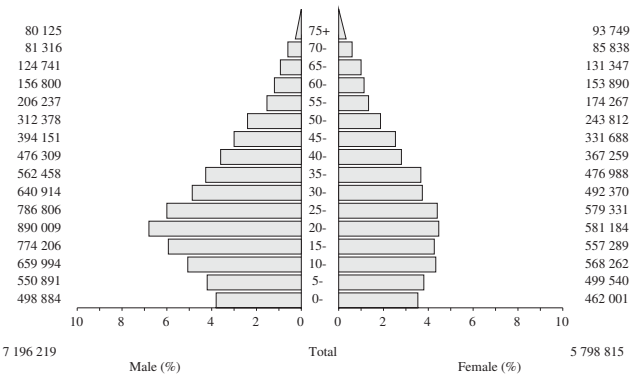
USE OF THE DATA

The registry publishes annual reports and has published numerous journal articles and monographs. Registry data are also used by public health workers for etiological and cancer control studies. The registry is a rich source of data for studying time trends in cancer incidence and mortality.

CONTRIBUTORS

Arun Kurkure
Shravani Koyande

India, Mumbai (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA

*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	9.3	Breast	30.4
Prostate	7.1	Cervix uteri	13.5
Mouth	6.9	Ovary	7.0
Larynx	5.4	Trachea, bronchus and lung	3.5
Oesophagus	5.2	Oesophagus	3.5
Liver	5.2	Mouth	3.5
Tongue	4.8	Corpus uteri	3.2
Non-Hodgkin lymphoma	4.6	Non-Hodgkin lymphoma	2.8
Stomach	4.5	Gallbladder etc.	2.7
Bladder	3.8	Other and unspecified	2.6
All sites	97.9	All sites	105.5

*India, Mumbai (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	99	0.4	0.3	**0.3**	0.03	0.04	67	0.3	0.2	**0.3**	0.02	0.04	*C00*
Tongue	1304	5.4	3.6	**4.8**	0.34	0.54	472	1.8	1.6	**1.9**	0.13	0.23	*C01-02*
Mouth	1910	7.9	5.3	**6.9**	0.50	0.79	832	3.2	2.9	**3.5**	0.23	0.39	*C03-06*
Salivary glands	148	0.6	0.4	**0.5**	0.03	0.06	105	0.4	0.4	**0.4**	0.03	0.04	*C07-08*
Tonsil	244	1.0	0.7	**1.0**	0.07	0.12	52	0.2	0.2	**0.2**	0.02	0.02	*C09*
Other oropharynx	140	0.6	0.4	**0.6**	0.04	0.06	28	0.1	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	120	0.5	0.3	**0.4**	0.02	0.05	53	0.2	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	770	3.2	2.1	**3.3**	0.18	0.40	231	0.9	0.8	**1.0**	0.06	0.11	*C12-13*
Pharynx unspecified	146	0.6	0.4	**0.6**	0.03	0.07	62	0.2	0.2	**0.3**	0.01	0.03	*C14*
Oesophagus	1217	5.0	3.4	**5.2**	0.29	0.64	810	3.1	2.8	**3.5**	0.20	0.40	*C15*
Stomach	1088	4.5	3.0	**4.5**	0.25	0.55	590	2.3	2.0	**2.5**	0.14	0.29	*C16*
Small intestine	94	0.4	0.3	**0.4**	0.03	0.04	46	0.2	0.2	**0.2**	0.01	0.02	*C17*
Colon	859	3.5	2.4	**3.4**	0.18	0.38	550	2.1	1.9	**2.3**	0.13	0.26	*C18*
Rectum	731	3.0	2.0	**2.9**	0.17	0.33	503	1.9	1.7	**2.0**	0.12	0.23	*C19-20*
Anus	102	0.4	0.3	**0.4**	0.02	0.05	70	0.3	0.2	**0.3**	0.02	0.03	*C21*
Liver	1195	4.9	3.3	**5.2**	0.27	0.62	567	2.2	2.0	**2.4**	0.13	0.27	*C22*
Gallbladder etc.	420	1.7	1.2	**1.7**	0.10	0.20	645	2.5	2.2	**2.7**	0.18	0.30	*C23-24*
Pancreas	566	2.3	1.6	**2.4**	0.13	0.29	326	1.3	1.1	**1.4**	0.07	0.17	*C25*
Nose, sinuses etc.	137	0.6	0.4	**0.5**	0.03	0.06	82	0.3	0.3	**0.3**	0.02	0.04	*C30-31*
Larynx	1278	5.3	3.6	**5.4**	0.29	0.67	183	0.7	0.6	**0.8**	0.05	0.09	*C32*
Trachea, bronchus and lung	2134	8.8	5.9	**9.3**	0.47	1.14	824	3.2	2.8	**3.5**	0.20	0.41	*C33-34*
Other thoracic organs	71	0.3	0.2	**0.3**	0.01	0.03	47	0.2	0.2	**0.2**	0.01	0.02	*C37-38*
Bone	372	1.5	1.0	**1.2**	0.07	0.11	253	1.0	0.9	**0.9**	0.06	0.09	*C40-41*
Melanoma of skin	77	0.3	0.2	**0.3**	0.02	0.04	67	0.3	0.2	**0.3**	0.02	0.03	*C43*
Other skin	330		0.9	**1.3**	0.08	0.13	224		0.8	**0.9**	0.05	0.10	*C44*
Mesothelioma	15	0.1	0.0	**0.1**	0.00	0.01	8	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	3	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	316	1.3	0.9	**1.1**	0.06	0.11	252	1.0	0.9	**0.9**	0.07	0.09	*C47+C49*
Breast	147	0.6	0.4	**0.6**	0.04	0.07	7677	29.7	26.5	**30.4**	2.26	3.33	*C50*
Vulva							65	0.3	0.2	**0.3**	0.02	0.03	*C51*
Vagina							160	0.6	0.6	**0.7**	0.04	0.07	*C52*
Cervix uteri							3388	13.1	11.7	**13.5**	1.03	1.52	*C53*
Corpus uteri							737	2.8	2.5	**3.2**	0.24	0.40	*C54*
Uterus unspecified							192	0.7	0.7	**0.8**	0.04	0.09	*C55*
Ovary							1742	6.7	6.0	**7.0**	0.51	0.76	*C56*
Other female genital organs							10	0.0	0.0	**0.0**	0.00	0.01	*C57*
Placenta							11	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	239	1.0	0.7	**0.9**	0.06	0.10							*C60*
Prostate	1480	6.1	4.1	**7.1**	0.17	0.73							*C61*
Testis	257	1.1	0.7	**0.7**	0.05	0.05							*C62*
Other male genital organs	15	0.1	0.0	**0.1**	0.00	0.01							*C63*
Kidney	520	2.1	1.4	**2.1**	0.13	0.25	250	1.0	0.9	**1.0**	0.06	0.11	*C64*
Renal pelvis	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	12	0.0	0.0	**0.1**	0.00	0.01	6	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	883	3.6	2.5	**3.8**	0.18	0.42	246	1.0	0.8	**1.1**	0.05	0.12	*C67*
Other urinary organs	2	0.0	0.0	**0.0**	0.00	0.00	5	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	32	0.1	0.1	**0.1**	0.01	0.01	16	0.1	0.1	**0.1**	0.00	0.01	*C69*
Brain, nervous system	1004	4.1	2.8	**3.3**	0.22	0.35	605	2.3	2.1	**2.3**	0.15	0.22	*C70-72*
Thyroid	214	0.9	0.6	**0.7**	0.05	0.07	466	1.8	1.6	**1.6**	0.12	0.17	*C73*
Adrenal gland	31	0.1	0.1	**0.1**	0.01	0.01	16	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	17	0.1	0.0	**0.1**	0.00	0.00	22	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	300	1.2	0.8	**1.0**	0.06	0.09	144	0.6	0.5	**0.5**	0.04	0.05	*C81*
Non-Hodgkin lymphoma	1225	5.0	3.4	**4.6**	0.26	0.49	690	2.7	2.4	**2.8**	0.17	0.31	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	372	1.5	1.0	**1.5**	0.08	0.18	242	0.9	0.8	**1.1**	0.07	0.12	*C90*
Lymphoid leukaemia	454	1.9	1.3	**1.6**	0.08	0.12	272	1.1	0.9	**1.1**	0.06	0.08	*C91*
Myeloid leukaemia	597	2.5	1.7	**1.9**	0.11	0.19	422	1.6	1.5	**1.6**	0.10	0.15	*C92-94*
Leukaemia unspecified	196	0.8	0.5	**0.7**	0.03	0.06	148	0.6	0.5	**0.6**	0.03	0.05	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	777	3.2	2.2	**3.1**	0.18	0.36	632	2.4	2.2	**2.6**	0.16	0.29	*O&U*
All sites	24661		68.5	**97.9**	5.43	11.10	26116		90.1	**105.5**	7.16	11.64	*C00-96*
All sites except C44	24331	100.0	67.6	**96.6**	5.35	10.97	25892	100.0	89.3	**104.6**	7.11	11.53	*C00-96 exc. C44*

*See note following population pyramid

India, New Delhi

REGISTRATION AREA

The Delhi Cancer Registry covers an urban area of 890 km^2 in Delhi, the capital territory of India. For census purposes, urban Delhi was divided into three statutory towns (the Municipal Corporation of Delhi, the New Delhi Municipal Council, and the Delhi Cantonment) and 29 census towns. In 2001, the population of urban Delhi was 12.8 million. The sex ratio in Delhi is 822 females per 1000 males, and the population density is 9294 residents/km^2.

REGISTRY STRUCTURE AND METHODS

The registry is based at the Dr. B.R. Ambedkar Institute Rotary Cancer Hospital of the All India Institute of Medical Sciences in New Delhi. It collects cancer morbidity and mortality data from 165 major government hospitals, centres, and institutions; more than 250 private hospitals and nursing homes; and municipal vital statistics departments. The registry is staffed by two scientists (a statistician and a medical officer), nine medical social workers (MSWs), a data entry operator, and a lower-division clerk. The MSWs visit participating hospitals and nursing homes and collect data from the relevant departments. Smaller nursing homes and clinics are contacted by mail, and data are collected on a notification form. Hospitals outside the registration area notify the registry of resident cases that they diagnose or treat. The death registration system in the area is inadequate and incomplete, and cause of death is often recorded simply as cardiorespiratory arrest. All hospital death records are checked against morbidity records, and cases with no matching morbidity records are registered as death-certificate-only (DCO) cases. Registry data are coded using ICD-O-3 and ICD-10. Consistency and validity checks are carried out to detect coding or keying errors.

USE OF THE DATA

The registry publishes annual and biennial reports on cancer incidence and mortality, highlighting trends and changes.

CONTRIBUTORS

P.K. Julka
N. Manoharan
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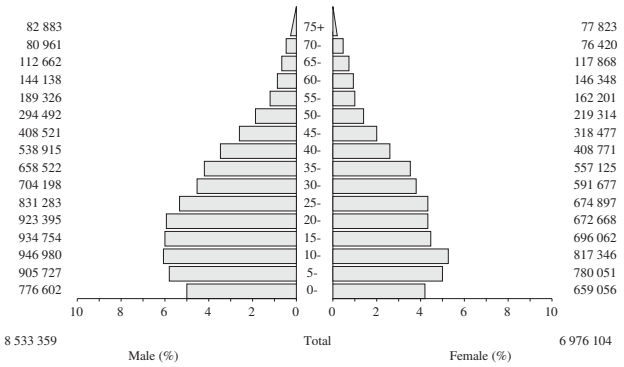
India, New Delhi (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA

*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	13.7	Breast	31.6
Prostate	10.1	Cervix uteri	17.7
Larynx	8.0	Ovary	8.5
Tongue	7.4	Gallbladder etc.	8.0
Other and unspecified	6.8	Corpus uteri	4.5
Bladder	6.5	Other and unspecified	4.2
Non-Hodgkin lymphoma	5.6	Trachea, bronchus and lung	3.6
Mouth	5.3	Non-Hodgkin lymphoma	3.0
Oesophagus	4.9	Oesophagus	2.9
Gallbladder etc.	4.0	Thyroid	2.5
All sites	119.7	All sites	118.4

*India, New Delhi (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	130	0.4	0.3	**0.5**	0.03	0.06	38	0.1	0.1	**0.2**	0.01	0.02	*C00*
Tongue	1914	6.2	4.5	**7.4**	0.56	0.90	471	1.6	1.4	**2.1**	0.16	0.25	*C01-02*
Mouth	1446	4.7	3.4	**5.3**	0.40	0.64	412	1.4	1.2	**1.9**	0.13	0.23	*C03-06*
Salivary glands	231	0.8	0.5	**0.8**	0.06	0.10	138	0.5	0.4	**0.5**	0.04	0.05	*C07-08*
Tonsil	503	1.6	1.2	**2.0**	0.15	0.25	94	0.3	0.3	**0.4**	0.03	0.05	*C09*
Other oropharynx	286	0.9	0.7	**1.2**	0.09	0.15	50	0.2	0.1	**0.2**	0.02	0.03	*C10*
Nasopharynx	170	0.6	0.4	**0.5**	0.04	0.06	76	0.3	0.2	**0.3**	0.02	0.03	*C11*
Hypopharynx	574	1.9	1.3	**2.5**	0.16	0.33	100	0.3	0.3	**0.4**	0.03	0.05	*C12-13*
Pharynx unspecified	100	0.3	0.2	**0.4**	0.03	0.05	22	0.1	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	1175	3.8	2.8	**4.9**	0.34	0.60	650	2.3	1.9	**2.9**	0.20	0.35	*C15*
Stomach	813	2.6	1.9	**3.2**	0.21	0.41	355	1.2	1.0	**1.5**	0.12	0.17	*C16*
Small intestine	60	0.2	0.1	**0.2**	0.02	0.03	35	0.1	0.1	**0.1**	0.01	0.02	*C17*
Colon	710	2.3	1.7	**2.7**	0.17	0.33	448	1.6	1.3	**1.9**	0.14	0.23	*C18*
Rectum	574	1.9	1.3	**2.2**	0.13	0.24	358	1.2	1.0	**1.4**	0.11	0.16	*C19-20*
Anus	170	0.6	0.4	**0.7**	0.05	0.08	87	0.3	0.2	**0.4**	0.02	0.04	*C21*
Liver	647	2.1	1.5	**2.6**	0.18	0.32	340	1.2	1.0	**1.5**	0.10	0.17	*C22*
Gallbladder etc.	977	3.2	2.3	**4.0**	0.26	0.46	1852	6.5	5.3	**8.0**	0.61	0.95	*C23-24*
Pancreas	461	1.5	1.1	**1.9**	0.12	0.24	255	0.9	0.7	**1.1**	0.08	0.15	*C25*
Nose, sinuses etc.	72	0.2	0.2	**0.3**	0.02	0.03	54	0.2	0.2	**0.2**	0.02	0.03	*C30-31*
Larynx	1910	6.2	4.5	**8.0**	0.55	1.02	243	0.8	0.7	**1.1**	0.08	0.13	*C32*
Trachea, bronchus and lung	3162	10.3	7.4	**13.7**	0.91	1.74	793	2.8	2.3	**3.6**	0.24	0.44	*C33-34*
Other thoracic organs	91	0.3	0.2	**0.4**	0.02	0.04	66	0.2	0.2	**0.3**	0.02	0.03	*C37-38*
Bone	747	2.4	1.8	**2.0**	0.14	0.20	369	1.3	1.1	**1.2**	0.08	0.11	*C40-41*
Melanoma of skin	66	0.2	0.2	**0.2**	0.01	0.03	49	0.2	0.1	**0.2**	0.02	0.02	*C43*
Other skin	346		0.8	**1.3**	0.08	0.15	237		0.7	**1.0**	0.06	0.12	*C44*
Mesothelioma	2	0.0	0.0	**0.0**	0.00	0.00	7	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	499	1.6	1.2	**1.5**	0.11	0.16	348	1.2	1.0	**1.2**	0.09	0.12	*C47+C49*
Breast	316	1.0	0.7	**1.3**	0.08	0.15	7727	27.0	22.2	**31.6**	2.53	3.57	*C50*
Vulva							104	0.4	0.3	**0.5**	0.03	0.06	*C51*
Vagina							97	0.3	0.3	**0.4**	0.03	0.05	*C52*
Cervix uteri							4280	14.9	12.3	**17.7**	1.46	2.03	*C53*
Corpus uteri							974	3.4	2.8	**4.5**	0.35	0.57	*C54*
Uterus unspecified							137	0.5	0.4	**0.6**	0.05	0.06	*C55*
Ovary							2122	7.4	6.1	**8.5**	0.67	0.95	*C56*
Other female genital organs							13	0.0	0.0	**0.1**	0.00	0.01	*C57*
Placenta							24	0.1	0.1	**0.1**	0.00	0.01	*C58*
Penis	246	0.8	0.6	**0.9**	0.06	0.10							*C60*
Prostate	2068	6.7	4.8	**10.1**	0.31	1.21							*C61*
Testis	234	0.8	0.5	**0.6**	0.04	0.05							*C62*
Other male genital organs	17	0.1	0.0	**0.1**	0.01	0.01							*C63*
Kidney	640	2.1	1.5	**2.6**	0.17	0.31	278	1.0	0.8	**1.1**	0.07	0.12	*C64*
Renal pelvis	11	0.0	0.0	**0.0**	0.00	0.01	7	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	5	0.0	0.0	**0.0**	0.00	0.00	6	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	1488	4.8	3.5	**6.5**	0.35	0.81	338	1.2	1.0	**1.5**	0.10	0.18	*C67*
Other urinary organs	20	0.1	0.0	**0.1**	0.00	0.02	8	0.0	0.0	**0.0**	0.00	0.01	*C68*
Eye	113	0.4	0.3	**0.3**	0.02	0.02	54	0.2	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	1266	4.1	3.0	**3.8**	0.27	0.38	691	2.4	2.0	**2.4**	0.18	0.24	*C70-72*
Thyroid	328	1.1	0.8	**1.1**	0.07	0.12	734	2.6	2.1	**2.5**	0.18	0.26	*C73*
Adrenal gland	48	0.2	0.1	**0.1**	0.01	0.01	44	0.2	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	9	0.0	0.0	**0.0**	0.00	0.00	11	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	617	2.0	1.4	**1.6**	0.11	0.14	218	0.8	0.6	**0.7**	0.05	0.06	*C81*
Non-Hodgkin lymphoma	1609	5.2	3.8	**5.6**	0.35	0.62	746	2.6	2.1	**3.0**	0.20	0.36	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	448	1.5	1.0	**2.0**	0.12	0.25	253	0.9	0.7	**1.2**	0.08	0.14	*C90*
Lymphoid leukaemia	778	2.5	1.8	**2.3**	0.12	0.20	331	1.2	0.9	**1.1**	0.06	0.09	*C91*
Myeloid leukaemia	910	3.0	2.1	**2.6**	0.17	0.26	582	2.0	1.7	**2.0**	0.15	0.20	*C92-94*
Leukaemia unspecified	271	0.9	0.6	**0.7**	0.05	0.07	149	0.5	0.4	**0.5**	0.03	0.05	*C95*
Myeloproliferative disorders	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1755	5.7	4.1	**6.8**	0.46	0.83	1018	3.6	2.9	**4.2**	0.30	0.49	*O&U*
All sites	31038		72.7	**119.7**	7.61	14.16	28895		82.8	**118.4**	9.01	13.50	*C00-96*
All sites except C44	30692	100.0	71.9	**118.4**	7.53	14.01	28658	100.0	82.2	**117.4**	8.95	13.38	*C00-96 exc. C44*
	§Includes 245 cases of unknown age						§Includes 226 cases of unknown age						

*See note following population pyramid

India, Poona

REGISTRATION AREA

The Poona Cancer Registry (a satellite of the Mumbai Cancer Registry) covers the urban agglomeration of Poona (also called Pune) within the district of Poona in the Indian state of Maharashtra. The agglomeration has an area of 344.18 km^2. In 2001, the population was 3.6 million, with a density of 10 330 residents/km^2; 79.7% were Hindu, 8.9% Muslim, 2.6% Christian, 5.8% Neo-Buddhist, and 2.2% Jain. The lowest average temperature is 9 °C in January, and the highest average temperature is 40 °C in May. The climate is dry, with an average annual rainfall of about 900 mm.

CANCER CARE FACILITIES

Patients from Poona often seek cancer treatment at the Tata Memorial Centre in Mumbai, which specializes in cancer. There are also 35 hospitals in Poona that provide cancer diagnosis and treatment services. There are two radiotherapy centres in the city of Poona, and chemotherapy is available in nine hospitals.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1972 by the BJ Medical College and the Sassoon Hospital in Poona. The registry has three social investigators (who conduct active case finding) and a supervisor (who performs administration and ensures data completeness). Editing, coding, and analysis are carried out by the Mumbai Cancer Registry. Information is collected on all cancer patients who visit hospitals in Poona and on Poona residents who receive treatment at the Tata Memorial Centre and other leading hospitals in Mumbai. The registry collects data from 16 major hospitals in Poona and six major hospitals in Mumbai. General medical practitioners are not contacted individually. Death records maintained by the Pune Municipal Corporation are used to check for missed cases. Registry data are checked for duplication using software such as PBCRDM and Excel.

INTERPRETING THE RESULTS

There are no screening programmes in the registration area. Tobacco chewing is very prevalent in both sexes. Smoking (particularly bidi smoking) is prevalent among men but uncommon among women.

USE OF THE DATA

The registry publishes a report every 5 years. The state government uses registry data for district cancer control programmes, and the data are also used by public health workers for etiological and cancer control studies.

CONTRIBUTORS

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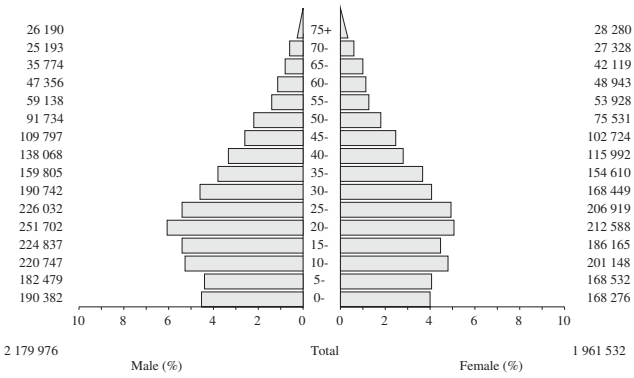
India, Poona (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA

*No official mortality data. Fluctuation in rates from year to year.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Mouth	7.3	Breast	23.7
Prostate	6.9	Cervix uteri	13.4
Trachea, bronchus and lung	6.2	Ovary	5.7
Oesophagus	5.2	Mouth	4.3
Larynx	4.6	Oesophagus	3.9
Liver	4.5	Trachea, bronchus and lung	3.5
Stomach	4.2	Other and unspecified	2.7
Brain, nervous system	3.6	Brain, nervous system	2.5
Other and unspecified	3.6	Corpus uteri	2.4
Bladder	3.5	Colon	2.2
All sites	83.3	All sites	89.9

*India, Poona (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	33	0.5	0.3	**0.5**	0.03	0.07	19	0.3	0.2	**0.3**	0.02	0.04	*C00*
Tongue	241	3.9	2.2	**3.0**	0.22	0.34	129	1.9	1.3	**1.7**	0.13	0.20	*C01-02*
Mouth	565	9.2	5.2	**7.3**	0.53	0.89	312	4.6	3.2	**4.3**	0.31	0.49	*C03-06*
Salivary glands	41	0.7	0.4	**0.5**	0.03	0.06	22	0.3	0.2	**0.3**	0.02	0.03	*C07-08*
Tonsil	34	0.6	0.3	**0.4**	0.03	0.06	5	0.1	0.1	**0.1**	0.00	0.00	*C09*
Other oropharynx	24	0.4	0.2	**0.3**	0.02	0.03	6	0.1	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	33	0.5	0.3	**0.4**	0.03	0.03	14	0.2	0.1	**0.2**	0.01	0.02	*C11*
Hypopharynx	130	2.1	1.2	**1.9**	0.10	0.22	47	0.7	0.5	**0.6**	0.04	0.07	*C12-13*
Pharynx unspecified	24	0.4	0.2	**0.3**	0.01	0.03	15	0.2	0.2	**0.2**	0.01	0.02	*C14*
Oesophagus	367	6.0	3.4	**5.2**	0.24	0.60	285	4.2	2.9	**3.9**	0.19	0.45	*C15*
Stomach	294	4.8	2.7	**4.2**	0.22	0.48	129	1.9	1.3	**1.8**	0.09	0.20	*C16*
Small intestine	10	0.2	0.1	**0.1**	0.01	0.01	13	0.2	0.1	**0.2**	0.01	0.01	*C17*
Colon	223	3.6	2.0	**3.1**	0.16	0.36	165	2.4	1.7	**2.2**	0.13	0.23	*C18*
Rectum	203	3.3	1.9	**2.7**	0.13	0.34	146	2.1	1.5	**1.9**	0.11	0.25	*C19-20*
Anus	31	0.5	0.3	**0.4**	0.03	0.05	27	0.4	0.3	**0.4**	0.02	0.05	*C21*
Liver	306	5.0	2.8	**4.5**	0.21	0.52	127	1.9	1.3	**1.7**	0.09	0.16	*C22*
Gallbladder etc.	79	1.3	0.7	**1.1**	0.06	0.15	78	1.1	0.8	**1.1**	0.07	0.11	*C23-24*
Pancreas	139	2.3	1.3	**1.9**	0.12	0.21	92	1.3	0.9	**1.2**	0.06	0.15	*C25*
Nose, sinuses etc.	61	1.0	0.6	**0.7**	0.05	0.08	38	0.6	0.4	**0.5**	0.03	0.06	*C30-31*
Larynx	322	5.2	3.0	**4.6**	0.26	0.54	60	0.9	0.6	**0.8**	0.04	0.09	*C32*
Trachea, bronchus and lung	439	7.1	4.0	**6.2**	0.31	0.74	260	3.8	2.7	**3.5**	0.21	0.40	*C33-34*
Other thoracic organs	19	0.3	0.2	**0.3**	0.02	0.03	18	0.3	0.2	**0.2**	0.01	0.03	*C37-38*
Bone	88	1.4	0.8	**0.9**	0.05	0.08	74	1.1	0.8	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	18	0.3	0.2	**0.2**	0.01	0.02	17	0.2	0.2	**0.2**	0.01	0.02	*C43*
Other skin	66		0.6	**0.9**	0.05	0.09	65		0.7	**0.9**	0.05	0.09	*C44*
Mesothelioma	5	0.1	0.0	**0.1**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	100	1.6	0.9	**1.1**	0.06	0.12	84	1.2	0.9	**1.0**	0.07	0.10	*C47+C49*
Breast	50	0.8	0.5	**0.7**	0.04	0.07	1846	27.0	18.8	**23.7**	1.72	2.60	*C50*
Vulva							25	0.4	0.3	**0.3**	0.02	0.04	*C51*
Vagina							44	0.6	0.4	**0.6**	0.04	0.07	*C52*
Cervix uteri							1035	15.1	10.6	**13.4**	1.03	1.50	*C53*
Corpus uteri							173	2.5	1.8	**2.4**	0.15	0.29	*C54*
Uterus unspecified							31	0.5	0.3	**0.4**	0.02	0.06	*C55*
Ovary							442	6.5	4.5	**5.7**	0.41	0.64	*C56*
Other female genital organs							3	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							2	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	71	1.2	0.7	**1.0**	0.05	0.12							*C60*
Prostate	446	7.2	4.1	**6.9**	0.15	0.71							*C61*
Testis	55	0.9	0.5	**0.5**	0.03	0.04							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	133	2.2	1.2	**1.8**	0.10	0.20	62	0.9	0.6	**0.8**	0.05	0.09	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	237	3.9	2.2	**3.5**	0.14	0.43	50	0.7	0.5	**0.7**	0.03	0.07	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	6	0.1	0.1	**0.1**	0.00	0.00	10	0.1	0.1	**0.1**	0.01	0.01	*C69*
Brain, nervous system	328	5.3	3.0	**3.6**	0.24	0.34	213	3.1	2.2	**2.5**	0.17	0.25	*C70-72*
Thyroid	44	0.7	0.4	**0.5**	0.03	0.06	101	1.5	1.0	**1.2**	0.08	0.15	*C73*
Adrenal gland	2	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	5	0.1	0.0	**0.1**	0.00	0.01	9	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	67	1.1	0.6	**0.8**	0.04	0.09	43	0.6	0.4	**0.5**	0.04	0.05	*C81*
Non-Hodgkin lymphoma	267	4.3	2.4	**3.5**	0.18	0.40	153	2.2	1.6	**1.9**	0.11	0.22	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	82	1.3	0.8	**1.1**	0.07	0.13	45	0.7	0.5	**0.6**	0.05	0.08	*C90*
Lymphoid leukaemia	109	1.8	1.0	**1.2**	0.06	0.08	47	0.7	0.5	**0.5**	0.02	0.04	*C91*
Myeloid leukaemia	114	1.9	1.0	**1.3**	0.08	0.13	96	1.4	1.0	**1.1**	0.07	0.11	*C92-94*
Leukaemia unspecified	44	0.7	0.4	**0.5**	0.03	0.06	31	0.5	0.3	**0.4**	0.03	0.03	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	261	4.2	2.4	**3.6**	0.18	0.42	202	2.9	2.1	**2.7**	0.16	0.28	*O&U*
All sites	6218		57.0	**83.3**	4.44	9.46	6914		70.5	**89.9**	5.96	9.93	*C00-96*
All sites except C44	6152	100.0	56.4	**82.4**	4.39	9.37	6849	100.0	69.8	**89.0**	5.91	9.84	*C00-96 exc. C44*

*See note following population pyramid

India, Sikkim State

REGISTRATION AREA
The Sikkim Population-based Cancer Registry covers the Indian state of Sikkim. In 2001, the population was 540 000.

CANCER CARE FACILITIES
Sikkim does not have a dedicated cancer treatment centre. Most patients diagnosed with cancer are referred for treatment in Kolkata, New Delhi, or Mumbai.

REGISTRY STRUCTURE AND METHODS
The registry was established in 2003 as part of the National Cancer Registry Programme (NCRP) of the Indian Council of Medical Research. It is located in the Sir Thutob Namgyal Memorial (STNM) Hospital in Gangtok. The registry is staffed by a principal investigator, a research officer, a programmer, a statistician, a data entry operator, and two social investigators. Data collection is active, and cases are classified as either resident or non-resident. Data analysis is conducted using NCRP software. Consistency checks are done at the registry office in Gangtok and by the NCRP in Bangalore. Deaths that occur in hospitals or primary health centres are certified by the medical officer in charge, and death certificates are sent to the Office of the Registrar General in Gangtok on a monthly basis. Deaths that occur at home are certified by the local *panchayat* (council) or *anganwadi* (basic health centre) or by a community social worker. The registry's social investigators visit all sources that maintain mortality records. When cancer is listed as the cause of death but no other information can be found, cases are categorized as death-certification-only (DCO) cases. Every year, mortality data are matched with the corresponding incidence data from the current and previous years and the records are updated.

USE OF THE DATA
The registry periodically publishes reports and descriptive epidemiological studies.

CONTRIBUTORS
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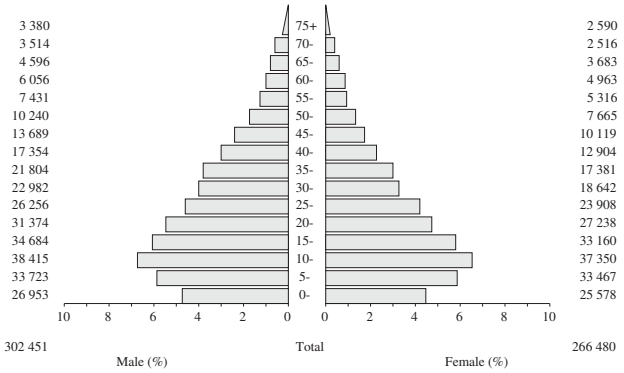
India, Sikkim State (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA
*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	15.3	Other and unspecified	10.2
Other and unspecified	10.8	Cervix uteri	10.2
Oesophagus	9.9	Breast	9.6
Liver	8.3	Oesophagus	9.5
Trachea, bronchus and lung	7.7	Stomach	8.1
Larynx	6.0	Trachea, bronchus and lung	7.9
Nasopharynx	3.6	Liver	6.1
Hypopharynx	3.4	Gallbladder etc.	5.3
Mouth	2.8	Larynx	4.0
Tongue	2.2	Ovary	3.9
All sites	96.7	All sites	108.3

*India, Sikkim State (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	4	0.4	0.3	**0.5**	0.01	0.06	1	0.1	0.1	**0.2**	0.02	0.02	*C00*
Tongue	20	2.2	1.3	**2.2**	0.11	0.34	12	1.5	0.9	**1.7**	0.14	0.23	*C01-02*
Mouth	28	3.1	1.9	**2.8**	0.21	0.35	13	1.6	1.0	**1.7**	0.12	0.21	*C03-06*
Salivary glands	4	0.4	0.3	**0.3**	0.02	0.02	8	1.0	0.6	**0.8**	0.07	0.07	*C07-08*
Tonsil	9	1.0	0.6	**1.0**	0.05	0.15	10	1.2	0.8	**1.5**	0.14	0.21	*C09*
Other oropharynx	1	0.1	0.1	**0.1**	0.00	0.02	1	0.1	0.1	**0.2**	0.00	0.00	*C10*
Nasopharynx	39	4.4	2.6	**3.6**	0.28	0.42	21	2.6	1.6	**2.1**	0.13	0.18	*C11*
Hypopharynx	30	3.4	2.0	**3.4**	0.15	0.45	8	1.0	0.6	**1.2**	0.09	0.15	*C12-13*
Pharynx unspecified	9	1.0	0.6	**1.0**	0.08	0.13	3	0.4	0.2	**0.5**	0.04	0.08	*C14*
Oesophagus	88	9.9	5.8	**9.9**	0.54	1.25	66	8.1	5.0	**9.5**	0.54	1.29	*C15*
Stomach	136	15.2	9.0	**15.3**	0.87	1.94	58	7.1	4.4	**8.1**	0.44	0.90	*C16*
Small intestine	2	0.2	0.1	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C17*
Colon	11	1.2	0.7	**1.1**	0.06	0.11	11	1.3	0.8	**1.5**	0.11	0.20	*C18*
Rectum	20	2.2	1.3	**2.1**	0.15	0.24	5	0.6	0.4	**0.6**	0.05	0.08	*C19-20*
Anus	3	0.3	0.2	**0.4**	0.03	0.03	3	0.4	0.2	**0.4**	0.03	0.07	*C21*
Liver	77	8.6	5.1	**8.3**	0.40	1.09	45	5.5	3.4	**6.1**	0.43	0.75	*C22*
Gallbladder etc.	14	1.6	0.9	**1.4**	0.05	0.15	38	4.6	2.9	**5.3**	0.38	0.65	*C23-24*
Pancreas	13	1.5	0.9	**1.4**	0.08	0.14	5	0.6	0.4	**0.6**	0.05	0.05	*C25*
Nose, sinuses etc.	4	0.4	0.3	**0.4**	0.03	0.03	6	0.7	0.5	**0.9**	0.04	0.04	*C30-31*
Larynx	52	5.8	3.4	**6.0**	0.34	0.69	27	3.3	2.0	**4.0**	0.21	0.59	*C32*
Trachea, bronchus and lung	67	7.5	4.4	**7.7**	0.29	1.00	55	6.7	4.1	**7.9**	0.32	1.04	*C33-34*
Other thoracic organs	2	0.2	0.1	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	16	1.8	1.1	**1.2**	0.07	0.10	9	1.1	0.7	**1.0**	0.04	0.13	*C40-41*
Melanoma of skin	9	1.0	0.6	**1.1**	0.03	0.12	4	0.5	0.3	**0.6**	0.02	0.11	*C43*
Other skin	17		1.1	**1.7**	0.06	0.23	19		1.4	**2.5**	0.11	0.15	*C44*
Mesothelioma	1	0.1	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	8	0.9	0.5	**0.5**	0.03	0.05	5	0.6	0.4	**0.6**	0.05	0.05	*C47+C49*
Breast	3	0.3	0.2	**0.3**	0.03	0.03	81	9.9	6.1	**9.6**	0.79	0.98	*C50*
Vulva							2	0.2	0.2	**0.3**	0.02	0.02	*C51*
Vagina							4	0.5	0.3	**0.6**	0.02	0.10	*C52*
Cervix uteri							87	10.6	6.5	**10.2**	0.82	1.13	*C53*
Corpus uteri							14	1.7	1.1	**1.8**	0.15	0.21	*C54*
Uterus unspecified							5	0.6	0.4	**0.7**	0.06	0.09	*C55*
Ovary							34	4.2	2.6	**3.9**	0.30	0.33	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							1	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	10	1.1	0.7	**1.0**	0.08	0.13							*C60*
Prostate	11	1.2	0.7	**1.3**	0.04	0.22							*C61*
Testis	4	0.4	0.3	**0.2**	0.02	0.02							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	7	0.8	0.5	**0.7**	0.04	0.04	2	0.2	0.2	**0.2**	0.03	0.03	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.2**	0.00	0.04	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	15	1.7	1.0	**1.6**	0.07	0.15	10	1.2	0.8	**1.2**	0.10	0.14	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.2**	0.02	0.02	*C68*
Eye	1	0.1	0.1	**0.1**	0.00	0.00	2	0.2	0.2	**0.2**	0.02	0.02	*C69*
Brain, nervous system	26	2.9	1.7	**2.1**	0.18	0.22	21	2.6	1.6	**2.7**	0.16	0.42	*C70-72*
Thyroid	15	1.7	1.0	**1.6**	0.09	0.16	16	2.0	1.2	**2.0**	0.10	0.29	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	3	0.4	0.2	**0.3**	0.01	0.03	*C74*
Other endocrine	1	0.1	0.1	**0.1**	0.01	0.01	1	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	2	0.2	0.1	**0.2**	0.02	0.04	5	0.6	0.4	**0.4**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	5	0.6	0.3	**0.5**	0.03	0.03	9	1.1	0.7	**1.1**	0.06	0.16	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	4	0.4	0.3	**0.5**	0.00	0.07	6	0.7	0.5	**0.8**	0.03	0.06	*C90*
Lymphoid leukaemia	6	0.7	0.4	**0.3**	0.02	0.02	4	0.5	0.3	**0.4**	0.01	0.01	*C91*
Myeloid leukaemia	17	1.9	1.1	**1.2**	0.10	0.10	18	2.2	1.4	**1.6**	0.12	0.16	*C92-94*
Leukaemia unspecified	1	0.1	0.1	**0.1**	0.01	0.01	3	0.4	0.2	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	98	11.0	6.5	**10.8**	0.64	1.38	74	9.0	5.6	**10.2**	0.56	1.41	*O&U*
All sites	910		60.2	**96.7**	5.38	11.80	837		62.8	**108.3**	7.00	12.92	*C00-96*
All sites except C44	893	100.0	59.1	**95.0**	5.32	11.57	818	100.0	61.4	**105.8**	6.89	12.78	*C00-96 exc. C44*
	§Includes 13 cases of unknown age						§Includes 12 cases of unknown age						

*See note following population pyramid

India, Trivandrum

REGISTRATION AREA

The Thiruvananthapuram Cancer Registry covers the city of Trivandrum (also called Thiruvananthapuram) and three adjoining rural community development blocks within the *taluk* (subdistrict) of Thiruvananthapuram in the Indian state of Kerala. The *taluk* has an area of 300 km^2 and in 2001 had a population of 1.1 million (67% urban and 33% rural).

CANCER CARE FACILITIES

There are 37 government hospitals, 28 private hospitals, and seven pathology laboratories in Thiruvananthapuram.

REGISTRY STRUCTURE AND METHODS

A cancer registry was first established in the area in 1994, with retrospective data collection since 1991. The current registry was established in 2006 as part of the National Cancer Registry Programme (NCRP) of the Indian Council of Medical Research. Retrospective data collection goes back to 1 January 2005. A reliable data collection procedure was established by the original registry, and the same methodology has been adopted by the Thiruvananthapuram Cancer Registry. Registry staff members routinely visit government and private hospitals and pathology laboratories. The main sources of incidence data are the Regional Cancer Centre and the Medical College Hospital in Thiruvananthapuram. Registry staff members abstract incidence and mortality data on all malignant tumours using a standard format, a procedure manual, and a user guide provided by the NCRP. In situ lesions and neoplasms of uncertain behaviour are also recorded but are not included in incidence figures. Because cause of death information is generally not accurate, information on all deaths except those due to accidents or natural disasters is collected from the vital statistics offices and compared against the current and original registry databases. About 90% of cases in the current registry are also covered by the original registry. Any cancer death with no corresponding record in the databases is registered as a death-certificate-only (DCO) case. Follow-up information and survival data are collected by telephone and through the mail.

USE OF THE DATA

The data have been used extensively for the planning and evaluation of cancer control programmes throughout Kerala.

CONTRIBUTORS

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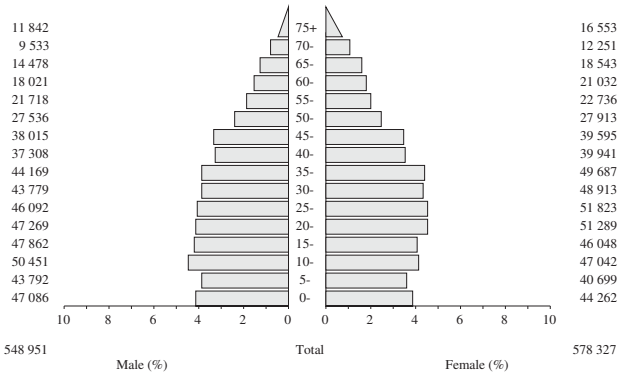
India, Trivandrum (2005-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Extrapolated from 1991 and 2001 census data by difference distribution method using an exponential growth rate (Takiar and Shobana, 2009). Population estimates by 5-year age groups for 1991 and 2001 and all-ages totals for 2011 were used when available.

NOTES ON THE DATA

*No official mortality data. High "other and unspecified" registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	17.1	Breast	35.4
Other and unspecified	16.4	Other and unspecified	10.2
Prostate	8.2	Cervix uteri	10.0
Mouth	7.6	Thyroid	7.3
Larynx	6.9	Ovary	6.8
Tongue	6.8	Corpus uteri	4.9
Stomach	6.2	Tongue	3.5
Liver	5.4	Trachea, bronchus and lung	3.3
Non-Hodgkin lymphoma	5.2	Mouth	3.1
Oesophagus	4.8	Rectum	3.0
All sites	132.3	All sites	114.9

*India, Trivandrum (2005-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	4	0.2	0.2	**0.2**	0.02	0.02	3	0.1	0.2	**0.1**	0.00	0.02	*C00*
Tongue	110	5.3	6.7	**6.8**	0.54	0.80	64	3.0	3.7	**3.5**	0.24	0.45	*C01-02*
Mouth	122	5.9	7.4	**7.6**	0.50	0.92	61	2.9	3.5	**3.1**	0.14	0.34	*C03-06*
Salivary glands	14	0.7	0.9	**0.8**	0.03	0.09	7	0.3	0.4	**0.4**	0.03	0.04	*C07-08*
Tonsil	16	0.8	1.0	**1.0**	0.07	0.11	4	0.2	0.2	**0.2**	0.02	0.02	*C09*
Other oropharynx	41	2.0	2.5	**2.7**	0.21	0.33	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	13	0.6	0.8	**0.8**	0.05	0.08	1	0.0	0.1	**0.0**	0.00	0.00	*C11*
Hypopharynx	45	2.2	2.7	**2.9**	0.19	0.40	8	0.4	0.5	**0.4**	0.02	0.04	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	76	3.7	4.6	**4.8**	0.36	0.60	22	1.0	1.3	**1.2**	0.06	0.14	*C15*
Stomach	99	4.8	6.0	**6.2**	0.42	0.78	26	1.2	1.5	**1.3**	0.09	0.13	*C16*
Small intestine	2	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C17*
Colon	62	3.0	3.8	**3.8**	0.24	0.45	39	1.8	2.2	**2.1**	0.14	0.25	*C18*
Rectum	65	3.1	3.9	**4.1**	0.23	0.52	55	2.6	3.2	**3.0**	0.21	0.34	*C19-20*
Anus	2	0.1	0.1	**0.1**	0.02	0.02	6	0.3	0.3	**0.3**	0.01	0.06	*C21*
Liver	84	4.0	5.1	**5.4**	0.31	0.69	16	0.8	0.9	**0.9**	0.06	0.13	*C22*
Gallbladder etc.	15	0.7	0.9	**1.0**	0.06	0.14	14	0.7	0.8	**0.7**	0.05	0.07	*C23-24*
Pancreas	43	2.1	2.6	**2.7**	0.19	0.29	30	1.4	1.7	**1.6**	0.12	0.19	*C25*
Nose, sinuses etc.	11	0.5	0.7	**0.7**	0.04	0.08	9	0.4	0.5	**0.4**	0.03	0.04	*C30-31*
Larynx	107	5.1	6.5	**6.9**	0.47	0.88	5	0.2	0.3	**0.3**	0.03	0.03	*C32*
Trachea, bronchus and lung	268	12.9	16.3	**17.1**	1.13	2.20	60	2.8	3.5	**3.3**	0.22	0.40	*C33-34*
Other thoracic organs	4	0.2	0.2	**0.2**	0.01	0.01	2	0.1	0.1	**0.1**	0.02	0.02	*C37-38*
Bone	15	0.7	0.9	**0.9**	0.04	0.06	10	0.5	0.6	**0.6**	0.03	0.06	*C40-41*
Melanoma of skin	5	0.2	0.3	**0.3**	0.02	0.04	9	0.4	0.5	**0.4**	0.02	0.04	*C43*
Other skin	27		1.6	**1.8**	0.11	0.22	20		1.2	**1.1**	0.07	0.12	*C44*
Mesothelioma	1	0.0	0.1	**0.1**	0.01	0.01	2	0.1	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	19	0.9	1.2	**1.1**	0.08	0.12	22	1.0	1.3	**1.1**	0.10	0.12	*C47+C49*
Breast	8	0.4	0.5	**0.5**	0.05	0.05	663	31.1	38.2	**35.4**	2.96	3.90	*C50*
Vulva							4	0.2	0.2	**0.2**	0.02	0.02	*C51*
Vagina							8	0.4	0.5	**0.4**	0.02	0.06	*C52*
Cervix uteri							188	8.8	10.8	**10.0**	0.72	1.16	*C53*
Corpus uteri							89	4.2	5.1	**4.9**	0.38	0.65	*C54*
Uterus unspecified							9	0.4	0.5	**0.5**	0.05	0.05	*C55*
Ovary							127	6.0	7.3	**6.8**	0.55	0.73	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							1	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	12	0.6	0.7	**0.7**	0.06	0.07							*C60*
Prostate	129	6.2	7.8	**8.2**	0.25	0.94							*C61*
Testis	15	0.7	0.9	**0.8**	0.06	0.06							*C62*
Other male genital organs	2	0.1	0.1	**0.1**	0.00	0.01							*C63*
Kidney	31	1.5	1.9	**2.0**	0.13	0.22	8	0.4	0.5	**0.4**	0.02	0.04	*C64*
Renal pelvis	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.0	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	63	3.0	3.8	**4.0**	0.21	0.45	13	0.6	0.7	**0.7**	0.05	0.07	*C67*
Other urinary organs	1	0.0	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.1	0.1	**0.2**	0.01	0.01	1	0.0	0.1	**0.1**	0.00	0.00	*C69*
Brain, nervous system	54	2.6	3.3	**3.3**	0.26	0.34	38	1.8	2.2	**2.1**	0.16	0.18	*C70-72*
Thyroid	35	1.7	2.1	**2.0**	0.15	0.17	144	6.8	8.3	**7.3**	0.57	0.63	*C73*
Adrenal gland	2	0.1	0.1	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	16	0.8	1.0	**1.0**	0.07	0.07	17	0.8	1.0	**1.0**	0.07	0.07	*C81*
Non-Hodgkin lymphoma	84	4.0	5.1	**5.2**	0.38	0.62	52	2.4	3.0	**2.7**	0.16	0.34	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	33	1.6	2.0	**2.1**	0.15	0.29	36	1.7	2.1	**2.0**	0.14	0.30	*C90*
Lymphoid leukaemia	31	1.5	1.9	**2.2**	0.09	0.16	16	0.8	0.9	**1.1**	0.06	0.08	*C91*
Myeloid leukaemia	46	2.2	2.8	**2.6**	0.19	0.26	44	2.1	2.5	**2.3**	0.15	0.26	*C92-94*
Leukaemia unspecified	7	0.3	0.4	**0.5**	0.02	0.06	4	0.2	0.2	**0.3**	0.02	0.02	*C95*
Myeloproliferative disorders	2	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	1	0.0	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	262	12.6	15.9	**16.4**	0.82	2.04	193	9.1	11.1	**10.2**	0.63	1.28	*O&U*
All sites	2108		128.0	**132.3**	8.26	15.74	2151		124.0	**114.9**	8.43	12.92	*C00-96*
All sites except C44	2081	100.0	126.4	**130.5**	8.14	15.52	2131	100.0	122.8	**113.8**	8.36	12.80	*C00-96 exc. C44*

*See note following population pyramid

Islamic Republic of Iran, Golestan Province

REGISTRATION AREA

The Golestan Population-based Cancer Registry (GPCR) covers Golestan Province in the north-eastern Islamic Republic of Iran. The province's land area is 20 438 km^2 (about 1.3% of the country's total land area). About half of the province's residents live in urban areas.

CANCER CARE FACILITIES

Golestan has 20 hospitals. Almost all cancer diagnostic and therapeutic services, including open and laparoscopic surgeries, radiotherapy, chemotherapy, computed tomography, magnetic resonance imaging, upper endoscopy, colonoscopy, sonography, mammography, and pathological examination, are available throughout the province. The provincial health network also includes 120 health care centres that provide various public health services for residents, including cancer prevention programmes.

REGISTRY STRUCTURE AND METHODS

The GPCR was established by the Golestan Research Center of Gastroenterology and Hepatology, Golestan University of Medical Sciences (GOUMS) under the supervision of the Digestive Disease Research Center, Tehran University of Medical Sciences. The registry collects information from 68 public and private sources within the province, including hospitals, pathology laboratories, imaging centres, and specialists. It also obtains information from medical centres and regional registries in neighbouring provinces (particularly Razavi Khorasan, Mazandaran, and Tehran), to minimize the loss of data on resident cases diagnosed outside of Golestan. Data are collected both actively and passively, by well-trained staff members who regularly visit all sources. The GPCR also regularly receives information on cancer-related deaths from the death registry within the health department of GOUMS, and matches these data against the registry database to identify previously unreported cases, which are defined as death-certificate-only (DCO) cases. Procedures are in place to ensure the confidentiality, quality, and optimal use of data.

USE OF THE DATA

The GPCR publishes an annual report on cancer incidence and mortality. Registry data have also been used in several cross-sectional, case–control, and survival studies.

CONTRIBUTORS

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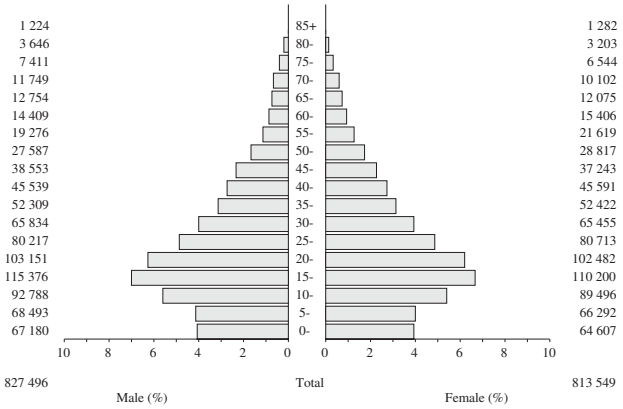
Islamic Republic of Iran, Golestan Province (2005-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Statistics and Information Unit of Golestan University of Medical Sciences, based on annual census data.

NOTES ON THE DATA

*Low MV%. Low M:I ratios.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	30.4	Breast	28.0
Oesophagus	23.2	Oesophagus	18.8
Trachea, bronchus and lung	17.5	Stomach	12.6
Non-melanoma skin cancer	11.0	Colon	7.7
Prostate	10.6	Non-melanoma skin cancer	7.7
Colon	9.9	Ovary	6.1
Bladder	8.5	Trachea, bronchus and lung	5.6
Brain, nervous system	7.8	Cervix uteri	5.4
Non-Hodgkin lymphoma	7.2	Brain, nervous system	5.3
Lymphoid leukaemia	5.2	Non-Hodgkin lymphoma	3.3
All sites	176.3	All sites	142.0

*Islamic Republic of Iran, Golestan Province (2005-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	3	0.1	0.1	**0.1**	0.01	0.01	5	0.2	0.2	**0.2**	0.02	0.02	*C00*
Tongue	10	0.4	0.4	**0.6**	0.04	0.07	4	0.2	0.2	**0.2**	0.01	0.01	*C01-02*
Mouth	11	0.4	0.4	**0.6**	0.04	0.06	11	0.5	0.5	**0.7**	0.03	0.10	*C03-06*
Salivary glands	6	0.2	0.2	**0.4**	0.03	0.04	3	0.1	0.1	**0.2**	0.01	0.02	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.1**	0.01	0.01	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	11	0.4	0.4	**0.7**	0.04	0.08	11	0.5	0.5	**0.4**	0.03	0.03	*C11*
Hypopharynx	5	0.2	0.2	**0.3**	0.02	0.04	3	0.1	0.1	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.1**	0.00	0.00	*C14*
Oesophagus	370	13.3	14.9	**23.2**	1.08	2.88	285	11.9	11.7	**18.8**	0.99	2.37	*C15*
Stomach	476	17.1	19.2	**30.4**	1.51	3.48	199	8.3	8.2	**12.6**	0.63	1.47	*C16*
Small intestine	25	0.9	1.0	**1.4**	0.08	0.17	16	0.7	0.7	**0.9**	0.03	0.11	*C17*
Colon	163	5.8	6.6	**9.9**	0.62	1.13	128	5.3	5.2	**7.7**	0.51	0.94	*C18*
Rectum	55	2.0	2.2	**3.1**	0.19	0.34	41	1.7	1.7	**2.3**	0.18	0.22	*C19-20*
Anus	10	0.4	0.4	**0.6**	0.05	0.07	5	0.2	0.2	**0.4**	0.00	0.06	*C21*
Liver	60	2.1	2.4	**3.6**	0.23	0.40	36	1.5	1.5	**2.0**	0.11	0.23	*C22*
Gallbladder etc.	17	0.6	0.7	**1.2**	0.06	0.11	24	1.0	1.0	**1.6**	0.07	0.18	*C23-24*
Pancreas	48	1.7	1.9	**2.8**	0.12	0.34	17	0.7	0.7	**1.0**	0.07	0.14	*C25*
Nose, sinuses etc.	1	0.0	0.0	**0.0**	0.00	0.00	3	0.1	0.1	**0.2**	0.01	0.01	*C30-31*
Larynx	64	2.3	2.6	**4.1**	0.26	0.54	22	0.9	0.9	**1.4**	0.11	0.18	*C32*
Trachea, bronchus and lung	278	10.0	11.2	**17.5**	1.07	2.13	93	3.9	3.8	**5.6**	0.35	0.68	*C33-34*
Other thoracic organs	7	0.3	0.3	**0.3**	0.01	0.03	4	0.2	0.2	**0.2**	0.01	0.01	*C37-38*
Bone	31	1.1	1.2	**1.3**	0.07	0.15	33	1.4	1.4	**1.5**	0.14	0.14	*C40-41*
Melanoma of skin	14	0.5	0.6	**0.9**	0.07	0.10	12	0.5	0.5	**0.7**	0.04	0.04	*C43*
Other skin	176		7.1	**11.0**	0.60	1.23	124		5.1	**7.7**	0.41	0.83	*C44*
Mesothelioma	1	0.0	0.0	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	10	0.4	0.4	**0.7**	0.06	0.09	1	0.0	0.0	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	39	1.4	1.6	**2.1**	0.15	0.20	44	1.8	1.8	**2.1**	0.17	0.20	*C47+C49*
Breast	3	0.1	0.1	**0.1**	0.00	0.01	558	23.3	22.9	**28.0**	2.27	2.88	*C50*
Vulva							1	0.0	0.0	**0.1**	0.01	0.01	*C51*
Vagina							3	0.1	0.1	**0.2**	0.01	0.04	*C52*
Cervix uteri							91	3.8	3.7	**5.4**	0.44	0.62	*C53*
Corpus uteri							28	1.2	1.1	**1.7**	0.11	0.21	*C54*
Uterus unspecified							17	0.7	0.7	**0.9**	0.05	0.09	*C55*
Ovary							118	4.9	4.8	**6.1**	0.52	0.68	*C56*
Other female genital organs							1	0.0	0.0	**0.1**	0.01	0.01	*C57*
Placenta							5	0.2	0.2	**0.2**	0.01	0.01	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	172	6.2	6.9	**10.6**	0.27	1.20							*C61*
Testis	53	1.9	2.1	**2.3**	0.18	0.22							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	34	1.2	1.4	**2.1**	0.14	0.26	20	0.8	0.8	**1.2**	0.10	0.13	*C64*
Renal pelvis	1	0.0	0.0	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	133	4.8	5.4	**8.5**	0.40	0.93	48	2.0	2.0	**2.8**	0.15	0.31	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	6	0.2	0.2	**0.4**	0.02	0.05	3	0.1	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	153	5.5	6.2	**7.8**	0.57	0.89	101	4.2	4.1	**5.3**	0.39	0.57	*C70-72*
Thyroid	22	0.8	0.9	**1.2**	0.09	0.12	64	2.7	2.6	**3.0**	0.25	0.29	*C73*
Adrenal gland	3	0.1	0.1	**0.1**	0.01	0.01	2	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	10	0.4	0.4	**0.5**	0.05	0.06	5	0.2	0.2	**0.3**	0.02	0.04	*C75*
Hodgkin lymphoma	47	1.7	1.9	**1.8**	0.13	0.15	29	1.2	1.2	**1.1**	0.09	0.09	*C81*
Non-Hodgkin lymphoma	134	4.8	5.4	**7.2**	0.46	0.81	65	2.7	2.7	**3.3**	0.27	0.33	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	38	1.4	1.5	**2.4**	0.15	0.31	34	1.4	1.4	**2.2**	0.11	0.30	*C90*
Lymphoid leukaemia	103	3.7	4.1	**5.2**	0.31	0.47	47	2.0	1.9	**2.4**	0.14	0.25	*C91*
Myeloid leukaemia	45	1.6	1.8	**2.3**	0.17	0.24	50	2.1	2.0	**2.8**	0.17	0.30	*C92-94*
Leukaemia unspecified	62	2.2	2.5	**3.3**	0.17	0.34	50	2.1	2.0	**2.5**	0.15	0.26	*C95*
Myeloproliferative disorders	3	0.1	0.1	**0.2**	0.00	0.03	4	0.2	0.2	**0.3**	0.01	0.01	*MPD*
Myelodysplastic syndromes	1	0.0	0.0	**0.1**	0.00	0.01	4	0.2	0.2	**0.2**	0.02	0.02	*MDS*
Other and unspecified	52	1.9	2.1	**3.3**	0.18	0.43	48	2.0	2.0	**2.7**	0.19	0.33	*O&U*
All sites	2967		119.5	**176.3**	9.70	20.24	2522		103.3	**142.0**	9.42	15.82	*C00-96*
All sites except C44	2791	100.0	112.4	**165.3**	9.10	19.02	2398	100.0	98.3	**134.3**	9.01	14.99	*C00-96 exc. C44*

*See note following population pyramid

Israel

REGISTRATION AREA

The Israel National Cancer Registry (INCR) covers all of Israel. In 2009, the population was estimated to be 7.5 million (76% Jewish, 20% Arab, and 4% of other ethnicities).

CANCER CARE FACILITIES

Since 1995, all Israeli citizens have been entitled to a defined set of health care and preventive services, including services for the prevention, diagnosis, and treatment of cancer. Cancer care is provided in acute care hospitals, outpatient oncology and haematology centres, and physicians' offices. Most pathology laboratories are based in hospitals.

REGISTRY STRUCTURE AND METHODS

The INCR was first established in 1960, and cancer reporting has been mandatory for hospitals, pathology and cytology laboratories, and other health care providers since 1982. The registry records all incident cases of malignant neoplasms (excluding basal and squamous cell skin cancers), carcinoma in situ and high-grade intraepithelial neoplasia, and benign neoplasms of the brain and central nervous system. The INCR's information sources include pathology reports, hospital discharge summaries, death certificates from local health authorities, periodic reports from oncology programmes, and cause of death information from the Israel Central Bureau of Statistics. Demographic data are obtained from the Israel National Population Register and include name, dates of birth and death, sex, vital status, ethnicity, and address. For each case, trained registrars use the available documents to establish site and morphology according to ICD-O-3 coding and record grade, size, treatment provided, and stage according to the *SEER Summary Staging Manual*. Due to the wide range of data sources and the varying reporting frequencies, the registry generally requires about 2 years to ensure the complete ascertainment of cases diagnosed during a given year.

INTERPRETING THE RESULTS

The completeness of the INCR's data is estimated at 95–96% for solid tumours and 85% for haematopoietic tumours. Quality control activities are carried out by the Israel Center for Disease Control.

USE OF THE DATA

INCR data are used by government ministries, researchers, and the public for a range of purposes, including tracking cancer incidence and survival, making health policy and payment decisions, evaluating the effectiveness of screening and treatment programmes, and carrying out public education and research.

CONTRIBUTORS

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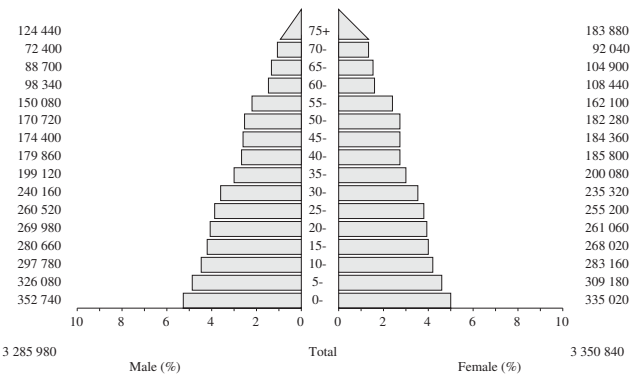
Israel (2003-2007)
Average annual person-years by sex and age group

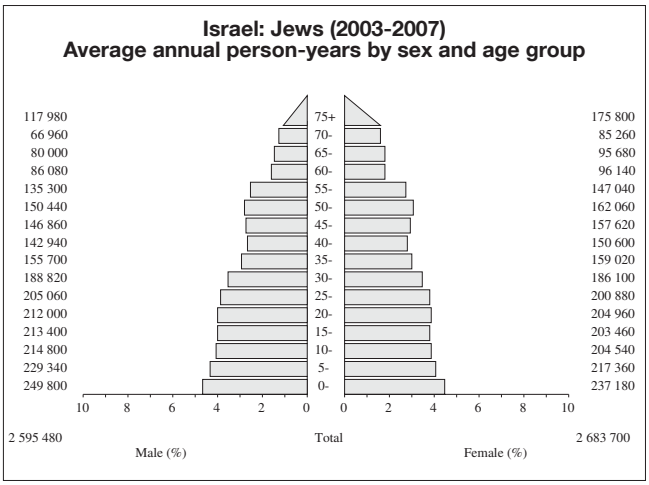


SOURCE OF POPULATION

Based on 1995 census data (http://www.cbs.gov.il/shnaton62/st02_00.pdf), making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

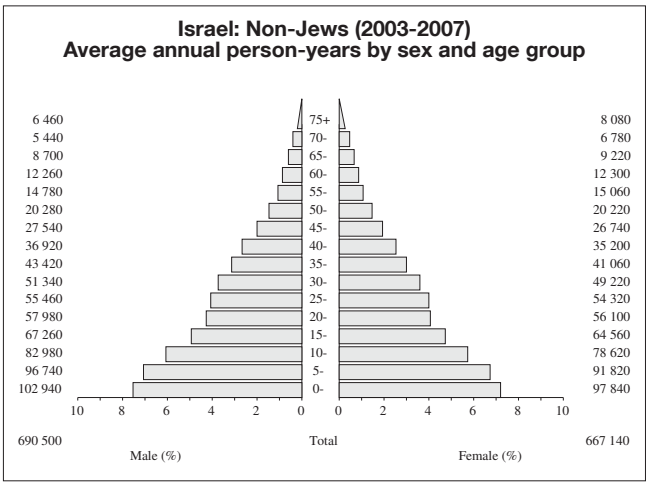
Male		Female	
Prostate	65.0	Breast	85.7
Trachea, bronchus and lung	31.4	Colon	22.4
Colon	28.2	Corpus uteri	14.2
Bladder	25.4	Non-Hodgkin lymphoma	14.0
Non-Hodgkin lymphoma	17.5	Thyroid	14.0
Rectum	13.1	Trachea, bronchus and lung	12.8
Melanoma of skin	12.2	Melanoma of skin	9.9
Kidney	11.5	Rectum	9.1
Stomach	10.1	Ovary	8.4
Pancreas	8.4	Other and unspecified	7.6
All sites	301.9	All sites	263.5



NOTES ON THE DATA: *No official mortality data.

ISRAEL: JEWS
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	68.3	Breast	89.4
Trachea, bronchus and lung	29.8	Colon	22.9
Colon	29.2	Thyroid	14.7
Bladder	25.5	Corpus uteri	14.4
Non-Hodgkin lymphoma	17.9	Non-Hodgkin lymphoma	14.4
Melanoma of skin	13.7	Trachea, bronchus and lung	13.4
Rectum	13.3	Melanoma of skin	11.2
Kidney	12.3	Rectum	9.2
Stomach	10.0	Ovary	8.8
Pancreas	8.6	Other and unspecified	7.7
All sites	308.5	All sites	273.1



NOTES ON THE DATA: *No official mortality data.

ISRAEL: NON-JEWS
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	46.8	Breast	56.1
Prostate	34.1	Colon	16.5
Bladder	24.3	Corpus uteri	12.2
Colon	17.1	Non-Hodgkin lymphoma	11.3
Non-Hodgkin lymphoma	14.1	Thyroid	9.3
Rectum	10.9	Other and unspecified	7.2
Stomach	9.9	Rectum	7.1
Other and unspecified	9.9	Trachea, bronchus and lung	7.0
Larynx	6.4	Stomach	6.0
Brain, nervous system	6.1	Ovary	4.9
All sites	245.1	All sites	183.9

Israel (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	92	0.2	0.6	**0.5**	0.03	0.05	32	0.1	0.2	**0.1**	0.01	0.01	*C00*
Tongue	171	0.3	1.0	**0.9**	0.05	0.10	150	0.3	0.9	**0.6**	0.04	0.07	*C01-02*
Mouth	163	0.3	1.0	**0.9**	0.05	0.10	171	0.3	1.0	**0.7**	0.03	0.07	*C03-06*
Salivary glands	187	0.3	1.1	**0.9**	0.05	0.10	147	0.3	0.9	**0.7**	0.05	0.07	*C07-08*
Tonsil	41	0.1	0.2	**0.2**	0.02	0.03	17	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	14	0.0	0.1	**0.1**	0.01	0.01	3	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	165	0.3	1.0	**1.0**	0.07	0.10	61	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	26	0.0	0.2	**0.1**	0.01	0.02	11	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	10	0.0	0.1	**0.0**	0.00	0.00	7	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	357	0.6	2.2	**1.8**	0.08	0.20	243	0.4	1.5	**0.9**	0.04	0.08	*C15*
Stomach	2015	3.5	12.3	**10.1**	0.44	1.13	1373	2.4	8.2	**5.5**	0.27	0.60	*C16*
Small intestine	196	0.3	1.2	**1.0**	0.05	0.12	166	0.3	1.0	**0.7**	0.04	0.08	*C17*
Colon	5724	10.1	34.8	**28.2**	1.07	3.25	5652	10.0	33.7	**22.4**	1.02	2.57	*C18*
Rectum	2458	4.3	15.0	**13.1**	0.66	1.60	2078	3.7	12.4	**9.1**	0.50	1.08	*C19-20*
Anus	57	0.1	0.3	**0.3**	0.02	0.03	101	0.2	0.6	**0.4**	0.02	0.05	*C21*
Liver	629	1.1	3.8	**3.2**	0.17	0.35	376	0.7	2.2	**1.4**	0.06	0.15	*C22*
Gallbladder etc.	335	0.6	2.0	**1.8**	0.08	0.22	398	0.7	2.4	**1.5**	0.06	0.18	*C23-24*
Pancreas	1658	2.9	10.1	**8.4**	0.38	0.97	1635	2.9	9.8	**6.2**	0.26	0.67	*C25*
Nose, sinuses etc.	76	0.1	0.5	**0.4**	0.02	0.04	55	0.1	0.3	**0.2**	0.01	0.02	*C30-31*
Larynx	778	1.4	4.7	**4.3**	0.28	0.52	127	0.2	0.8	**0.6**	0.05	0.07	*C32*
Trachea, bronchus and lung	5880	10.4	35.8	**31.4**	1.54	3.95	3018	5.3	18.0	**12.8**	0.68	1.52	*C33-34*
Other thoracic organs	107	0.2	0.7	**0.6**	0.04	0.06	71	0.1	0.4	**0.4**	0.02	0.03	*C37-38*
Bone	223	0.4	1.4	**1.3**	0.08	0.12	178	0.3	1.1	**1.0**	0.07	0.08	*C40-41*
Melanoma of skin	2216	3.9	13.5	**12.2**	0.76	1.38	2028	3.6	12.1	**9.9**	0.68	1.07	*C43*
Other skin	503		3.1	**2.7**	0.16	0.29	408		2.4	**1.8**	0.11	0.17	*C44*
Mesothelioma	158	0.3	1.0	**0.8**	0.04	0.11	53	0.1	0.3	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	483	0.9	2.9	**2.5**	0.11	0.31	197	0.3	1.2	**0.7**	0.02	0.07	*C46*
Connective and soft tissue	554	1.0	3.4	**3.1**	0.19	0.32	410	0.7	2.4	**2.1**	0.14	0.20	*C47+C49*
Breast	238	0.4	1.4	**1.2**	0.06	0.14	16931	29.9	101.1	**85.7**	6.19	9.92	*C50*
Vulva							229	0.4	1.4	**0.9**	0.04	0.09	*C51*
Vagina							71	0.1	0.4	**0.3**	0.02	0.03	*C52*
Cervix uteri							918	1.6	5.5	**5.0**	0.39	0.51	*C53*
Corpus uteri							2954	5.2	17.6	**14.2**	0.97	1.78	*C54*
Uterus unspecified							81	0.1	0.5	**0.3**	0.02	0.03	*C55*
Ovary							1745	3.1	10.4	**8.4**	0.56	0.98	*C56*
Other female genital organs							102	0.2	0.6	**0.5**	0.04	0.06	*C57*
Placenta							5	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	17	0.0	0.1	**0.1**	0.01	0.01							*C60*
Prostate	12304	21.7	74.9	**65.0**	2.58	8.68							*C61*
Testis	694	1.2	4.2	**4.1**	0.31	0.32							*C62*
Other male genital organs	31	0.1	0.2	**0.2**	0.01	0.02							*C63*
Kidney	2071	3.6	12.6	**11.5**	0.68	1.41	1233	2.2	7.4	**5.6**	0.32	0.66	*C64*
Renal pelvis	176	0.3	1.1	**0.9**	0.05	0.11	84	0.1	0.5	**0.3**	0.01	0.04	*C65*
Ureter	88	0.2	0.5	**0.4**	0.02	0.05	40	0.1	0.2	**0.1**	0.01	0.02	*C66*
Bladder	5033	8.9	30.6	**25.4**	1.06	3.01	1167	2.1	7.0	**4.6**	0.21	0.53	*C67*
Other urinary organs	55	0.1	0.3	**0.3**	0.01	0.03	20	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	91	0.2	0.6	**0.5**	0.03	0.05	74	0.1	0.4	**0.4**	0.02	0.03	*C69*
Brain, nervous system	1144	2.0	7.0	**6.6**	0.42	0.68	932	1.6	5.6	**4.8**	0.29	0.48	*C70-72*
Thyroid	779	1.4	4.7	**4.6**	0.35	0.51	2521	4.5	15.0	**14.0**	1.12	1.43	*C73*
Adrenal gland	77	0.1	0.5	**0.5**	0.02	0.03	61	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	22	0.0	0.1	**0.1**	0.01	0.01	15	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	599	1.1	3.6	**3.6**	0.25	0.30	577	1.0	3.4	**3.3**	0.22	0.25	*C81*
Non-Hodgkin lymphoma	3198	5.6	19.5	**17.5**	1.04	1.93	3058	5.4	18.3	**14.0**	0.84	1.57	*C82-85,C96*
Immunoproliferative diseases	21	0.0	0.1	**0.1**	0.01	0.01	12	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	901	1.6	5.5	**4.8**	0.23	0.57	720	1.3	4.3	**3.0**	0.15	0.34	*C90*
Lymphoid leukaemia	1181	2.1	7.2	**6.2**	0.29	0.60	787	1.4	4.7	**3.4**	0.15	0.31	*C91*
Myeloid leukaemia	723	1.3	4.4	**4.0**	0.21	0.42	683	1.2	4.1	**3.1**	0.17	0.31	*C92-94*
Leukaemia unspecified	129	0.2	0.8	**0.7**	0.03	0.06	121	0.2	0.7	**0.5**	0.02	0.04	*C95*
Myeloproliferative disorders	320	0.6	1.9	**1.7**	0.07	0.19	273	0.5	1.6	**1.1**	0.06	0.11	*MPD*
Myelodysplastic syndromes	419	0.7	2.6	**1.9**	0.05	0.17	349	0.6	2.1	**1.2**	0.03	0.11	*MDS*
Other and unspecified	1682	3.0	10.2	**8.3**	0.34	0.87	2010	3.6	12.0	**7.6**	0.32	0.77	*O&U*
All sites	57269		348.6	**301.9**	14.59	35.67	56939		339.8	**263.5**	16.42	29.47	*C00-96*
All sites except C44	56766	100.0	345.5	**299.2**	14.43	35.38	56531	100.0	337.4	**261.8**	16.31	29.30	*C00-96 exc. C44*

*Israel: Jews (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	82	0.2	0.6	**0.5**	0.03	0.05	29	0.1	0.2	**0.1**	0.01	0.01	*C00*
Tongue	154	0.3	1.2	**0.9**	0.06	0.10	143	0.3	1.1	**0.7**	0.04	0.08	*C01-02*
Mouth	155	0.3	1.2	**0.9**	0.05	0.10	160	0.3	1.2	**0.7**	0.03	0.07	*C03-06*
Salivary glands	173	0.3	1.3	**1.0**	0.05	0.10	140	0.3	1.0	**0.8**	0.05	0.08	*C07-08*
Tonsil	39	0.1	0.3	**0.2**	0.02	0.03	17	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	11	0.0	0.1	**0.1**	0.00	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	139	0.3	1.1	**1.0**	0.07	0.11	53	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	23	0.0	0.2	**0.1**	0.00	0.02	11	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	8	0.0	0.1	**0.0**	0.00	0.01	6	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	334	0.6	2.6	**1.8**	0.08	0.21	229	0.4	1.7	**0.9**	0.03	0.08	*C15*
Stomach	1838	3.5	14.2	**10.0**	0.43	1.14	1253	2.4	9.3	**5.4**	0.27	0.59	*C16*
Small intestine	178	0.3	1.4	**1.0**	0.05	0.12	155	0.3	1.2	**0.7**	0.04	0.09	*C17*
Colon	5435	10.4	41.9	**29.2**	1.11	3.37	5341	10.1	39.8	**22.9**	1.04	2.63	*C18*
Rectum	2267	4.3	17.5	**13.3**	0.67	1.64	1939	3.7	14.5	**9.2**	0.51	1.10	*C19-20*
Anus	56	0.1	0.4	**0.3**	0.02	0.04	99	0.2	0.7	**0.5**	0.03	0.06	*C21*
Liver	559	1.1	4.3	**3.1**	0.16	0.34	341	0.6	2.5	**1.4**	0.06	0.15	*C22*
Gallbladder etc.	299	0.6	2.3	**1.7**	0.08	0.22	355	0.7	2.6	**1.4**	0.05	0.17	*C23-24*
Pancreas	1563	3.0	12.0	**8.6**	0.39	1.00	1564	3.0	11.7	**6.4**	0.28	0.70	*C25*
Nose, sinuses etc.	68	0.1	0.5	**0.4**	0.02	0.05	54	0.1	0.4	**0.3**	0.01	0.03	*C30-31*
Larynx	666	1.3	5.1	**4.1**	0.26	0.49	117	0.2	0.9	**0.6**	0.05	0.07	*C32*
Trachea, bronchus and lung	5114	9.8	39.4	**29.8**	1.44	3.74	2887	5.5	21.5	**13.4**	0.73	1.60	*C33-34*
Other thoracic organs	92	0.2	0.7	**0.6**	0.04	0.06	57	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	185	0.4	1.4	**1.3**	0.08	0.12	151	0.3	1.1	**1.0**	0.07	0.09	*C40-41*
Melanoma of skin	2188	4.2	16.9	**13.7**	0.87	1.55	1994	3.8	14.9	**11.2**	0.77	1.19	*C43*
Other skin	468		3.6	**2.8**	0.17	0.31	386		2.9	**1.9**	0.11	0.18	*C44*
Mesothelioma	145	0.3	1.1	**0.9**	0.04	0.11	47	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	467	0.9	3.6	**2.6**	0.12	0.33	186	0.4	1.4	**0.7**	0.02	0.07	*C46*
Connective and soft tissue	499	1.0	3.8	**3.2**	0.20	0.33	381	0.7	2.8	**2.2**	0.15	0.21	*C47+C49*
Breast	217	0.4	1.7	**1.3**	0.06	0.14	15750	29.9	117.4	**89.4**	6.47	10.33	*C50*
Vulva							213	0.4	1.6	**0.9**	0.04	0.09	*C51*
Vagina							70	0.1	0.5	**0.3**	0.02	0.03	*C52*
Cervix uteri							863	1.6	6.4	**5.5**	0.43	0.55	*C53*
Corpus uteri							2727	5.2	20.3	**14.4**	0.97	1.80	*C54*
Uterus unspecified							75	0.1	0.6	**0.3**	0.02	0.03	*C55*
Ovary							1646	3.1	12.3	**8.8**	0.59	1.03	*C56*
Other female genital organs							98	0.2	0.7	**0.5**	0.04	0.06	*C57*
Placenta							4	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	14	0.0	0.1	**0.1**	0.01	0.01							*C60*
Prostate	11779	22.5	90.8	**68.3**	2.80	9.15							*C61*
Testis	631	1.2	4.9	**4.7**	0.35	0.36							*C62*
Other male genital organs	28	0.1	0.2	**0.2**	0.01	0.02							*C63*
Kidney	1966	3.8	15.1	**12.3**	0.72	1.50	1163	2.2	8.7	**5.9**	0.34	0.69	*C64*
Renal pelvis	165	0.3	1.3	**1.0**	0.05	0.12	83	0.2	0.6	**0.4**	0.01	0.05	*C65*
Ureter	82	0.2	0.6	**0.4**	0.02	0.05	38	0.1	0.3	**0.1**	0.01	0.02	*C66*
Bladder	4629	8.8	35.7	**25.5**	1.08	3.02	1118	2.1	8.3	**4.8**	0.22	0.55	*C67*
Other urinary organs	47	0.1	0.4	**0.2**	0.01	0.03	20	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	86	0.2	0.7	**0.6**	0.03	0.06	70	0.1	0.5	**0.4**	0.02	0.04	*C69*
Brain, nervous system	992	1.9	7.6	**6.7**	0.42	0.68	836	1.6	6.2	**5.0**	0.30	0.49	*C70-72*
Thyroid	697	1.3	5.4	**4.8**	0.36	0.52	2268	4.3	16.9	**14.7**	1.17	1.50	*C73*
Adrenal gland	58	0.1	0.4	**0.5**	0.02	0.03	50	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	20	0.0	0.2	**0.1**	0.01	0.01	13	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	487	0.9	3.8	**3.6**	0.25	0.31	481	0.9	3.6	**3.4**	0.23	0.26	*C81*
Non-Hodgkin lymphoma	2887	5.5	22.2	**17.9**	1.07	1.98	2809	5.3	20.9	**14.4**	0.86	1.61	*C82-85,C96*
Immunoproliferative diseases	19	0.0	0.1	**0.1**	0.01	0.01	12	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	821	1.6	6.3	**4.7**	0.23	0.57	664	1.3	4.9	**3.0**	0.15	0.35	*C90*
Lymphoid leukaemia	1059	2.0	8.2	**6.3**	0.30	0.61	707	1.3	5.3	**3.4**	0.15	0.32	*C91*
Myeloid leukaemia	608	1.2	4.7	**3.8**	0.20	0.40	607	1.2	4.5	**3.0**	0.17	0.31	*C92-94*
Leukaemia unspecified	99	0.2	0.8	**0.6**	0.03	0.05	100	0.2	0.7	**0.4**	0.02	0.04	*C95*
Myeloproliferative disorders	290	0.6	2.2	**1.6**	0.07	0.18	252	0.5	1.9	**1.1**	0.06	0.11	*MPD*
Myelodysplastic syndromes	401	0.8	3.1	**1.9**	0.05	0.18	332	0.6	2.5	**1.2**	0.03	0.11	*MDS*
Other and unspecified	1514	2.9	11.7	**8.1**	0.34	0.84	1868	3.5	13.9	**7.7**	0.33	0.77	*O&U*
All sites	52801		406.9	**308.5**	15.02	36.48	53034		395.2	**273.1**	17.13	30.56	*C00-96*
All sites except C44	52333	100.0	403.3	**305.7**	14.85	36.18	52648	100.0	392.4	**271.2**	17.01	30.37	*C00-96 exc. C44*

*See note following population pyramid

*Israel: Non-Jews (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	10	0.2	0.3	**0.6**	0.02	0.08	3	0.1	0.1	**0.1**	0.01	0.01	*C00*
Tongue	17	0.4	0.5	**1.0**	0.05	0.17	7	0.2	0.2	**0.4**	0.02	0.04	*C01-02*
Mouth	8	0.2	0.2	**0.4**	0.02	0.06	11	0.3	0.3	**0.5**	0.04	0.07	*C03-06*
Salivary glands	14	0.3	0.4	**0.7**	0.04	0.08	7	0.2	0.2	**0.4**	0.03	0.03	*C07-08*
Tonsil	2	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	3	0.1	0.1	**0.2**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	26	0.6	0.8	**1.0**	0.07	0.07	8	0.2	0.2	**0.4**	0.02	0.05	*C11*
Hypopharynx	3	0.1	0.1	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	23	0.5	0.7	**1.3**	0.06	0.15	14	0.4	0.4	**0.6**	0.04	0.05	*C15*
Stomach	177	4.0	5.1	**9.9**	0.51	1.01	120	3.1	3.6	**6.0**	0.30	0.67	*C16*
Small intestine	18	0.4	0.5	**1.0**	0.06	0.15	11	0.3	0.3	**0.5**	0.02	0.05	*C17*
Colon	289	6.5	8.4	**17.1**	0.81	2.14	311	8.0	9.3	**16.5**	0.86	1.89	*C18*
Rectum	191	4.3	5.5	**10.9**	0.60	1.22	139	3.6	4.2	**7.1**	0.42	0.81	*C19-20*
Anus	1	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.00	0.00	*C21*
Liver	70	1.6	2.0	**4.1**	0.26	0.45	35	0.9	1.0	**1.8**	0.07	0.16	*C22*
Gallbladder etc.	36	0.8	1.0	**2.1**	0.11	0.23	43	1.1	1.3	**2.3**	0.12	0.22	*C23-24*
Pancreas	95	2.1	2.8	**5.6**	0.29	0.68	71	1.8	2.1	**3.8**	0.16	0.37	*C25*
Nose, sinuses etc.	8	0.2	0.2	**0.3**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	112	2.5	3.2	**6.4**	0.42	0.80	10	0.3	0.3	**0.6**	0.02	0.09	*C32*
Trachea, bronchus and lung	766	17.3	22.2	**46.8**	2.22	5.94	131	3.4	3.9	**7.0**	0.33	0.80	*C33-34*
Other thoracic organs	15	0.3	0.4	**0.6**	0.05	0.05	14	0.4	0.4	**0.6**	0.03	0.04	*C37-38*
Bone	38	0.9	1.1	**1.1**	0.08	0.09	27	0.7	0.8	**0.9**	0.06	0.08	*C40-41*
Melanoma of skin	28	0.6	0.8	**1.5**	0.07	0.13	34	0.9	1.0	**1.5**	0.08	0.15	*C43*
Other skin	35		1.0	**1.8**	0.10	0.17	22		0.7	**1.0**	0.05	0.11	*C44*
Mesothelioma	13	0.3	0.4	**0.7**	0.02	0.09	6	0.2	0.2	**0.3**	0.01	0.02	*C45*
Kaposi sarcoma	16	0.4	0.5	**0.9**	0.04	0.06	11	0.3	0.3	**0.6**	0.02	0.08	*C46*
Connective and soft tissue	55	1.2	1.6	**2.3**	0.13	0.23	29	0.7	0.9	**1.0**	0.07	0.09	*C47+C49*
Breast	21	0.5	0.6	**1.1**	0.06	0.11	1181	30.4	35.4	**56.1**	4.21	6.48	*C50*
Vulva							16	0.4	0.5	**0.8**	0.06	0.11	*C51*
Vagina							1	0.0	0.0	**0.0**	0.00	0.00	*C52*
Cervix uteri							55	1.4	1.6	**2.5**	0.20	0.27	*C53*
Corpus uteri							227	5.8	6.8	**12.2**	0.92	1.53	*C54*
Uterus unspecified							6	0.2	0.2	**0.3**	0.03	0.05	*C55*
Ovary							99	2.5	3.0	**4.9**	0.33	0.57	*C56*
Other female genital organs							4	0.1	0.1	**0.2**	0.01	0.01	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	3	0.1	0.1	**0.2**	0.00	0.02							*C60*
Prostate	525	11.8	15.2	**34.1**	0.89	4.34							*C61*
Testis	63	1.4	1.8	**1.8**	0.14	0.14							*C62*
Other male genital organs	3	0.1	0.1	**0.2**	0.01	0.03							*C63*
Kidney	105	2.4	3.0	**5.5**	0.39	0.62	70	1.8	2.1	**3.2**	0.19	0.37	*C64*
Renal pelvis	11	0.2	0.3	**0.7**	0.02	0.07	1	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	6	0.1	0.2	**0.4**	0.03	0.06	2	0.1	0.1	**0.1**	0.01	0.02	*C66*
Bladder	404	9.1	11.7	**24.3**	0.95	2.93	49	1.3	1.5	**2.7**	0.11	0.30	*C67*
Other urinary organs	8	0.2	0.2	**0.4**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	5	0.1	0.1	**0.2**	0.01	0.01	4	0.1	0.1	**0.1**	0.01	0.01	*C69*
Brain, nervous system	152	3.4	4.4	**6.1**	0.44	0.66	96	2.5	2.9	**3.6**	0.23	0.36	*C70-72*
Thyroid	82	1.8	2.4	**3.6**	0.24	0.43	253	6.5	7.6	**9.3**	0.76	0.88	*C73*
Adrenal gland	19	0.4	0.6	**0.5**	0.02	0.02	11	0.3	0.3	**0.3**	0.01	0.01	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.01	0.01	2	0.1	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	112	2.5	3.2	**3.7**	0.25	0.30	96	2.5	2.9	**3.1**	0.19	0.25	*C81*
Non-Hodgkin lymphoma	311	7.0	9.0	**14.1**	0.83	1.49	249	6.4	7.5	**11.3**	0.67	1.21	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	80	1.8	2.3	**4.8**	0.23	0.64	56	1.4	1.7	**3.1**	0.16	0.30	*C90*
Lymphoid leukaemia	122	2.8	3.5	**5.3**	0.28	0.54	80	2.1	2.4	**3.0**	0.14	0.23	*C91*
Myeloid leukaemia	115	2.6	3.3	**5.3**	0.31	0.60	76	2.0	2.3	**3.2**	0.18	0.35	*C92-94*
Leukaemia unspecified	30	0.7	0.9	**1.3**	0.05	0.11	21	0.5	0.6	**0.8**	0.03	0.06	*C95*
Myeloproliferative disorders	30	0.7	0.9	**1.7**	0.08	0.21	21	0.5	0.6	**0.8**	0.04	0.08	*MPD*
Myelodysplastic syndromes	18	0.4	0.5	**1.0**	0.01	0.12	17	0.4	0.5	**0.9**	0.03	0.12	*MDS*
Other and unspecified	168	3.8	4.9	**9.9**	0.37	1.12	142	3.7	4.3	**7.2**	0.26	0.78	*O&U*
All sites	4468		129.4	**245.1**	11.75	28.69	3905		117.1	**183.9**	11.56	20.25	*C00-96*
All sites except C44	4433	100.0	128.4	**243.3**	11.65	28.53	3883	100.0	116.4	**182.9**	11.50	20.14	*C00-96 exc. C44*

*See note following population pyramid

Japan, Aichi Prefecture

REGISTRATION AREA

The Aichi Cancer Registry (ACR) covers Aichi Prefecture, which is located in central Japan and flanked to the south by the Pacific Ocean. It has an area of 5146 km^2 and a population of 7.3 million. About 2% of the economically active population is engaged in primary industry, 42.8% in secondary industry, and 53.5% in tertiary industry. Buddhism is the dominant religion.

CANCER CARE FACILITIES

Diagnostic and treatment services for cancer are available and accessible throughout Aichi Prefecture. The prefecture is divided into 11 health care districts, and each district has at least one designated cancer care hospital; 15 designated cancer care hospitals have been certified by the Japanese Ministry of Health, Labour, and Welfare, and six hospitals have been certified by the Department of Health and Public Welfare, Aichi Prefecture (DHPW). These certified hospitals cover approximately 67% of cancer patients in the area.

REGISTRY STRUCTURE AND METHODS

The ACR is staffed by physicians/epidemiologists (1.5 full-time equivalents) and five registrars. It is operated by the DHPW and located within the Aichi Cancer Center Research Institute, which provides the registry with technical support. Notification is passive; all medical institutions in the area have been asked to report incident cases. Registered cases are annually matched against the area's death certificates. Non-matched cases are followed up to identify previously unreported cases, which are registered as death-certificate-only (DCO) cases.

INTERPRETING THE RESULTS

The ACR's data quality remains modest, due mainly to the registry's dependence on voluntary reporting, with no legal requirements. Over the past 20 years, the registry has set up a model area with good-quality registry data. The area is in the central part of the prefecture and has a population of 1.4 million. The local governments support gastric, colon, breast, lung, and cervical cancer screening. Prostate-specific antigen (PSA) testing is commonly available, but it is not defined as an official tool for prostate cancer screening.

USE OF THE DATA

The ACR provides descriptive data on cancer incidence, and registry data have been used in a variety of epidemiological investigations, including cohort studies, case–control studies, and evaluations of screening programmes. The data have also been used for planning and evaluating cancer control and for estimating cancer incidence in Japan.

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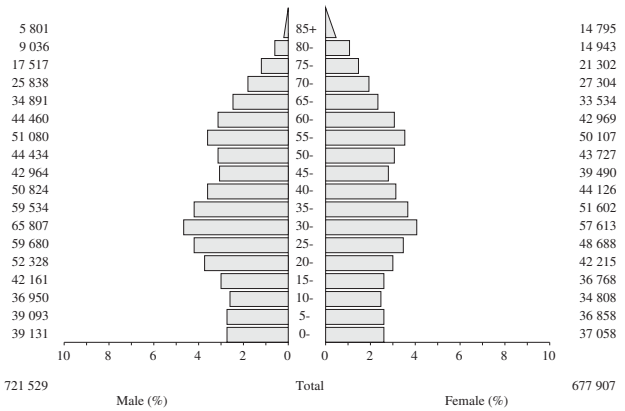
Japan, Aichi Prefecture (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Japanese Center for Cancer Control and Information Services, the Japanese National Cancer Center, and the Japanese National Institute of Population and Social Security Research, based on estimates interpolated and extrapolated from 2001 and 2005 census data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	50.2	Breast	43.4
Trachea, bronchus and lung	39.5	Stomach	19.0
Prostate	34.8	Colon	16.4
Colon	22.3	Trachea, bronchus and lung	13.4
Liver	19.1	Rectum	7.5
Rectum	15.6	Ovary	7.3
Bladder	11.1	Liver	7.1
Pancreas	9.1	Cervix uteri	7.0
Oesophagus	7.7	Corpus uteri	6.8
Non-Hodgkin lymphoma	7.6	Thyroid	5.7
All sites	268.7	All sites	175.8

Japan, Aichi Prefecture (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	6	0.0	0.2	**0.1**	0.00	0.01	7	0.1	0.2	**0.1**	0.00	0.01	*C00*
Tongue	87	0.5	2.4	**1.5**	0.11	0.18	73	0.7	2.2	**1.2**	0.07	0.13	*C01-02*
Mouth	58	0.4	1.6	**1.0**	0.06	0.12	51	0.5	1.5	**0.6**	0.02	0.06	*C03-06*
Salivary glands	28	0.2	0.8	**0.5**	0.04	0.05	20	0.2	0.6	**0.4**	0.03	0.03	*C07-08*
Tonsil	6	0.0	0.2	**0.1**	0.00	0.02	3	0.0	0.1	**0.1**	0.00	0.01	*C09*
Other oropharynx	51	0.3	1.4	**0.9**	0.05	0.11	16	0.1	0.5	**0.3**	0.03	0.04	*C10*
Nasopharynx	34	0.2	0.9	**0.7**	0.05	0.08	7	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	67	0.4	1.9	**1.1**	0.06	0.14	3	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	9	0.1	0.2	**0.1**	0.00	0.01	4	0.0	0.1	**0.1**	0.00	0.00	*C14*
Oesophagus	473	2.9	13.1	**7.7**	0.41	0.96	55	0.5	1.6	**0.7**	0.03	0.07	*C15*
Stomach	3079	18.9	85.3	**50.2**	2.49	6.09	1369	12.7	40.4	**19.0**	0.97	2.08	*C16*
Small intestine	47	0.3	1.3	**0.8**	0.04	0.09	32	0.3	0.9	**0.5**	0.03	0.05	*C17*
Colon	1398	8.6	38.8	**22.3**	0.92	2.65	1154	10.7	34.0	**16.4**	0.88	1.91	*C18*
Rectum	928	5.7	25.7	**15.6**	0.89	1.98	499	4.6	14.7	**7.5**	0.45	0.87	*C19-20*
Anus	18	0.1	0.5	**0.3**	0.02	0.04	13	0.1	0.4	**0.2**	0.01	0.02	*C21*
Liver	1181	7.2	32.7	**19.1**	0.93	2.50	550	5.1	16.2	**7.1**	0.25	0.93	*C22*
Gallbladder etc.	363	2.2	10.1	**5.5**	0.18	0.56	361	3.3	10.7	**4.0**	0.10	0.39	*C23-24*
Pancreas	566	3.5	15.7	**9.1**	0.42	1.11	424	3.9	12.5	**5.4**	0.23	0.60	*C25*
Nose, sinuses etc.	43	0.3	1.2	**0.7**	0.04	0.10	16	0.1	0.5	**0.2**	0.01	0.02	*C30-31*
Larynx	159	1.0	4.4	**2.5**	0.13	0.32	5	0.0	0.1	**0.1**	0.00	0.01	*C32*
Trachea, bronchus and lung	2539	15.6	70.4	**39.5**	1.55	4.54	967	8.9	28.5	**13.4**	0.70	1.53	*C33-34*
Other thoracic organs	46	0.3	1.3	**0.9**	0.05	0.10	28	0.3	0.8	**0.6**	0.04	0.05	*C37-38*
Bone	27	0.2	0.7	**0.7**	0.04	0.05	26	0.2	0.8	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	29	0.2	0.8	**0.5**	0.03	0.06	28	0.3	0.8	**0.4**	0.03	0.04	*C43*
Other skin	167		4.6	**2.7**	0.12	0.23	169		5.0	**1.9**	0.06	0.16	*C44*
Mesothelioma	21	0.1	0.6	**0.3**	0.02	0.03	7	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	62	0.4	1.7	**1.3**	0.07	0.12	41	0.4	1.2	**1.0**	0.06	0.09	*C47+C49*
Breast	21	0.1	0.6	**0.4**	0.03	0.05	2195	20.3	64.8	**43.4**	3.42	4.74	*C50*
Vulva							18	0.2	0.5	**0.2**	0.01	0.02	*C51*
Vagina							15	0.1	0.4	**0.3**	0.02	0.03	*C52*
Cervix uteri							346	3.2	10.2	**7.0**	0.55	0.71	*C53*
Corpus uteri							356	3.3	10.5	**6.8**	0.56	0.78	*C54*
Uterus unspecified							40	0.4	1.2	**0.5**	0.02	0.04	*C55*
Ovary							370	3.4	10.9	**7.3**	0.57	0.74	*C56*
Other female genital organs							2	0.0	0.1	**0.0**	0.00	0.00	*C57*
Placenta							3	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	8	0.0	0.2	**0.1**	0.00	0.01							*C60*
Prostate	2267	13.9	62.8	**34.8**	1.07	4.53							*C61*
Testis	77	0.5	2.1	**1.8**	0.13	0.14							*C62*
Other male genital organs	7	0.0	0.2	**0.1**	0.00	0.01							*C63*
Kidney	335	2.1	9.3	**5.8**	0.35	0.70	112	1.0	3.3	**1.8**	0.12	0.22	*C64*
Renal pelvis	57	0.3	1.6	**1.0**	0.05	0.13	22	0.2	0.6	**0.3**	0.01	0.03	*C65*
Ureter	45	0.3	1.2	**0.7**	0.03	0.10	19	0.2	0.6	**0.2**	0.00	0.02	*C66*
Bladder	705	4.3	19.5	**11.1**	0.48	1.24	191	1.8	5.6	**2.6**	0.12	0.29	*C67*
Other urinary organs	15	0.1	0.4	**0.2**	0.02	0.03	5	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	13	0.1	0.4	**0.4**	0.02	0.03	8	0.1	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	142	0.9	3.9	**3.0**	0.19	0.29	113	1.0	3.3	**2.4**	0.15	0.20	*C70-72*
Thyroid	89	0.5	2.5	**1.8**	0.13	0.18	279	2.6	8.2	**5.7**	0.39	0.62	*C73*
Adrenal gland	10	0.1	0.3	**0.5**	0.02	0.02	2	0.0	0.1	**0.0**	0.00	0.01	*C74*
Other endocrine	11	0.1	0.3	**0.3**	0.01	0.02	3	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	25	0.2	0.7	**0.5**	0.03	0.04	17	0.2	0.5	**0.4**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	445	2.7	12.3	**7.6**	0.40	0.81	326	3.0	9.6	**5.1**	0.30	0.53	*C82-85,C96*
Immunoproliferative diseases	6	0.0	0.2	**0.1**	0.00	0.01	3	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	113	0.7	3.1	**1.7**	0.07	0.16	108	1.0	3.2	**1.5**	0.07	0.17	*C90*
Lymphoid leukaemia	97	0.6	2.7	**2.5**	0.14	0.20	64	0.6	1.9	**1.6**	0.11	0.12	*C91*
Myeloid leukaemia	163	1.0	4.5	**3.0**	0.16	0.29	113	1.0	3.3	**2.2**	0.13	0.19	*C92-94*
Leukaemia unspecified	10	0.1	0.3	**0.1**	0.00	0.01	8	0.1	0.2	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	6	0.0	0.2	**0.1**	0.00	0.01	10	0.1	0.3	**0.3**	0.02	0.02	*MPD*
Myelodysplastic syndromes	131	0.8	3.6	**2.0**	0.06	0.18	92	0.9	2.7	**1.0**	0.02	0.07	*MDS*
Other and unspecified	182	1.1	5.0	**2.9**	0.10	0.27	206	1.9	6.1	**2.4**	0.09	0.24	*O&U*
All sites	16472		456.6	**268.7**	12.24	31.71	10974		323.8	**175.8**	10.80	19.06	*C00-96*
All sites except C44	16305	100.0	452.0	**266.0**	12.12	31.48	10805	100.0	318.8	**173.9**	10.74	18.91	*C00-96 exc. C44*

§Includes 3 cases of unknown age

§Includes 1 case of unknown age

Japan, Fukui Prefecture

REGISTRATION AREA
The Fukui Cancer Registry covers Fukui Prefecture in central Japan. The prefecture has a population of about 820 000 and an area of 4189 km^2.

CANCER CARE FACILITIES
The six main district hospitals provide radiotherapy, cancer surgery, and chemotherapy services. Patients suspected to have cancer are generally referred by primary and secondary care facilities to one of these hospitals.

REGISTRY STRUCTURE AND METHODS
In 1984, the Fukui Prefectural Government (FPG) established a system of voluntary cancer registration to obtain information about the nature and extent of the cancer burden in the prefecture and to assist in planning cancer control programmes. The Fukui Medical Association (FMA) is responsible for data collection. The registry is located within the FPG and is staffed by a part-time registrar and a full-time health worker. Each month, the central registry receives cancer reports from the FMA, as well as death certificates. The information is checked for consistency, coded, and computerized. Questionnaires are sent to physicians who have signed death certificates that cannot be matched with previous registrations. The data obtained with these questionnaires are also checked and computerized. All original copies of cancer reports and death certificates mentioning cancer are stored. Living cases are filed by the patient's date of birth, and deceased cases are grouped by the patient's year of death and filed by date of birth.

INTERPRETING THE RESULTS
There are organized screening programmes for gastric, colorectal, breast, lung, and cervical cancers. Prostate-specific antigen (PSA) testing is not defined as an official tool for prostate cancer screening.

USE OF THE DATA
Registry data are used for geographical analysis within the prefecture and for comparison of cancer morbidity in other parts of Japan. The registry publishes an annual report on cancer incidence, highlighting trends and changes. Special studies of survival among patients with gastric, colorectal, and cervical cancers have also been carried out using registry data. Policy-makers also use the data to evaluate screening programmes for gastric and colorectal cancers.

CONTRIBUTORS
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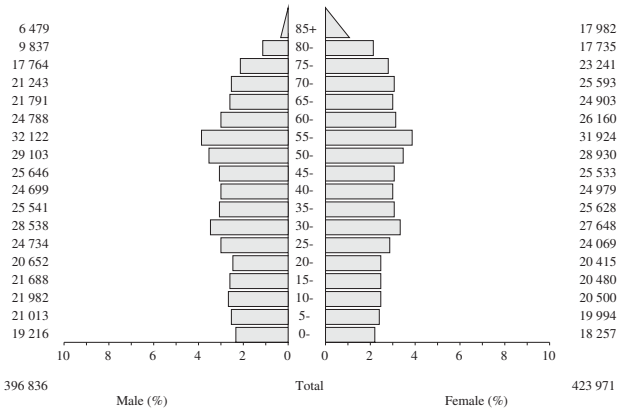
Japan, Fukui Prefecture (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by the Japanese Center for Cancer Control and Information Services, the Japanese National Cancer Center, and the Japanese National Institute of Population and Social Security Research, based on estimates interpolated and extrapolated from 2001 and 2005 census data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	62.6	Breast	44.2
Trachea, bronchus and lung	40.7	Stomach	25.8
Prostate	27.7	Colon	17.1
Colon	24.8	Trachea, bronchus and lung	13.0
Liver	19.7	Thyroid	11.2
Rectum	15.8	Liver	8.6
Bladder	12.2	Cervix uteri	8.0
Pancreas	10.6	Rectum	7.7
Non-Hodgkin lymphoma	9.4	Ovary	6.7
Oesophagus	8.1	Pancreas	6.4
All sites	286.2	All sites	190.3

Japan, Fukui Prefecture (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.0	0.1	**0.1**	0.00	0.01	6	0.1	0.3	**0.0**	0.00	0.00	*C00*
Tongue	42	0.3	2.1	**1.1**	0.08	0.12	22	0.2	1.0	**0.5**	0.03	0.05	*C01-02*
Mouth	43	0.3	2.2	**1.0**	0.05	0.11	29	0.3	1.4	**0.4**	0.01	0.05	*C03-06*
Salivary glands	16	0.1	0.8	**0.5**	0.04	0.05	11	0.1	0.5	**0.3**	0.02	0.03	*C07-08*
Tonsil	8	0.1	0.4	**0.2**	0.01	0.02	4	0.0	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	20	0.2	1.0	**0.5**	0.04	0.06	4	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	13	0.1	0.7	**0.5**	0.04	0.05	3	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	29	0.2	1.5	**0.7**	0.04	0.10	6	0.1	0.3	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	10	0.1	0.5	**0.2**	0.01	0.02	2	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	347	2.6	17.5	**8.1**	0.48	0.98	86	0.9	4.1	**1.5**	0.08	0.18	*C15*
Stomach	2828	21.3	142.5	**62.6**	3.38	7.53	1547	16.1	73.0	**25.8**	1.41	2.93	*C16*
Small intestine	54	0.4	2.7	**1.2**	0.08	0.13	36	0.4	1.7	**0.7**	0.05	0.08	*C17*
Colon	1169	8.8	58.9	**24.8**	1.17	3.00	1053	11.0	49.7	**17.1**	0.92	2.00	*C18*
Rectum	688	5.2	34.7	**15.8**	0.89	1.90	421	4.4	19.9	**7.7**	0.45	0.91	*C19-20*
Anus	12	0.1	0.6	**0.2**	0.01	0.03	12	0.1	0.6	**0.2**	0.02	0.02	*C21*
Liver	912	6.9	46.0	**19.7**	0.95	2.55	592	6.2	27.9	**8.6**	0.32	1.09	*C22*
Gallbladder etc.	431	3.2	21.7	**7.8**	0.23	0.76	456	4.8	21.5	**5.0**	0.17	0.47	*C23-24*
Pancreas	514	3.9	25.9	**10.6**	0.49	1.24	476	5.0	22.5	**6.4**	0.28	0.74	*C25*
Nose, sinuses etc.	29	0.2	1.5	**0.8**	0.06	0.09	14	0.1	0.7	**0.4**	0.02	0.03	*C30-31*
Larynx	113	0.9	5.7	**2.5**	0.15	0.32	7	0.1	0.3	**0.1**	0.00	0.01	*C32*
Trachea, bronchus and lung	2191	16.5	110.4	**40.7**	1.52	4.56	847	8.8	40.0	**13.0**	0.66	1.52	*C33-34*
Other thoracic organs	27	0.2	1.4	**0.8**	0.06	0.08	11	0.1	0.5	**0.2**	0.01	0.01	*C37-38*
Bone	18	0.1	0.9	**0.5**	0.04	0.05	29	0.3	1.4	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	21	0.2	1.1	**0.5**	0.03	0.07	17	0.2	0.8	**0.3**	0.02	0.03	*C43*
Other skin	140		7.1	**2.7**	0.08	0.29	101		4.8	**1.4**	0.06	0.15	*C44*
Mesothelioma	18	0.1	0.9	**0.4**	0.03	0.03	7	0.1	0.3	**0.1**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	21	0.2	1.1	**0.4**	0.03	0.05	17	0.2	0.8	**0.4**	0.03	0.03	*C47+C49*
Breast	17	0.1	0.9	**0.4**	0.02	0.04	1531	16.0	72.2	**44.2**	3.57	4.67	*C50*
Vulva							22	0.2	1.0	**0.4**	0.02	0.03	*C51*
Vagina							8	0.1	0.4	**0.2**	0.02	0.03	*C52*
Cervix uteri							264	2.8	12.5	**8.0**	0.63	0.79	*C53*
Corpus uteri							211	2.2	10.0	**5.5**	0.49	0.64	*C54*
Uterus unspecified							29	0.3	1.4	**0.4**	0.02	0.03	*C55*
Ovary							245	2.6	11.6	**6.7**	0.53	0.69	*C56*
Other female genital organs							12	0.1	0.6	**0.3**	0.03	0.04	*C57*
Placenta							1	0.0	0.0	**0.1**	0.00	0.00	*C58*
Penis	9	0.1	0.5	**0.2**	0.01	0.02							*C60*
Prostate	1494	11.2	75.3	**27.7**	0.89	3.46							*C61*
Testis	44	0.3	2.2	**2.2**	0.17	0.17							*C62*
Other male genital organs	5	0.0	0.3	**0.1**	0.00	0.02							*C63*
Kidney	276	2.1	13.9	**6.9**	0.45	0.80	128	1.3	6.0	**2.7**	0.19	0.30	*C64*
Renal pelvis	48	0.4	2.4	**1.0**	0.05	0.10	29	0.3	1.4	**0.4**	0.01	0.04	*C65*
Ureter	46	0.3	2.3	**0.8**	0.02	0.09	43	0.4	2.0	**0.5**	0.01	0.05	*C66*
Bladder	625	4.7	31.5	**12.2**	0.50	1.32	171	1.8	8.1	**2.3**	0.09	0.29	*C67*
Other urinary organs	35	0.3	1.8	**0.7**	0.02	0.09	10	0.1	0.5	**0.1**	0.00	0.02	*C68*
Eye	3	0.0	0.2	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	97	0.7	4.9	**3.4**	0.20	0.26	93	1.0	4.4	**2.4**	0.14	0.20	*C70-72*
Thyroid	120	0.9	6.0	**3.8**	0.29	0.42	373	3.9	17.6	**11.2**	0.89	1.20	*C73*
Adrenal gland	10	0.1	0.5	**0.4**	0.03	0.03	9	0.1	0.4	**0.6**	0.03	0.03	*C74*
Other endocrine	3	0.0	0.2	**0.1**	0.00	0.00	6	0.1	0.3	**0.1**	0.01	0.02	*C75*
Hodgkin lymphoma	19	0.1	1.0	**0.8**	0.05	0.07	15	0.2	0.7	**0.6**	0.04	0.04	*C81*
Non-Hodgkin lymphoma	393	3.0	19.8	**9.4**	0.53	0.96	289	3.0	13.6	**5.4**	0.33	0.59	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.0**	0.00	0.00	2	0.0	0.1	**0.0**	0.00	0.01	*C88*
Multiple myeloma	96	0.7	4.8	**1.8**	0.07	0.22	97	1.0	4.6	**1.3**	0.05	0.17	*C90*
Lymphoid leukaemia	36	0.3	1.8	**1.5**	0.08	0.12	30	0.3	1.4	**1.0**	0.07	0.09	*C91*
Myeloid leukaemia	116	0.9	5.8	**3.3**	0.18	0.30	83	0.9	3.9	**2.0**	0.13	0.19	*C92-94*
Leukaemia unspecified	6	0.0	0.3	**0.1**	0.00	0.01	7	0.1	0.3	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	10	0.1	0.5	**0.3**	0.02	0.03	9	0.1	0.4	**0.2**	0.01	0.02	*MPD*
Myelodysplastic syndromes	112	0.8	5.6	**2.2**	0.08	0.25	64	0.7	3.0	**1.0**	0.05	0.10	*MDS*
Other and unspecified	87	0.7	4.4	**1.8**	0.09	0.20	96	1.0	4.5	**1.3**	0.07	0.14	*O&U*
All sites	13425		676.6	**286.2**	13.76	33.19	9693		457.3	**190.3**	12.09	20.87	*C00-96*
All sites except C44	13285	100.0	669.5	**283.5**	13.68	32.90	9592	100.0	452.5	**188.9**	12.03	20.72	*C00-96 exc. C44*

Japan, Hiroshima

REGISTRATION AREA

The Hiroshima Prefecture Cancer Registry (HPCR) covers the city of Hiroshima, the largest city in the Chugoku region of Japan. The city was rebuilt after its destruction by the atomic bombing in 1945. In 2005, 16.6% of residents were aged 65 years or more, compared with 14.2% in 2000. The town of Yuki (with a population of 7796 and an area of 162.9 km^2) was merged with Hiroshima in 2005.

CANCER CARE FACILITIES

In 2005, there were 1501 hospital beds and 273 physicians per 100 000 residents. In 2006, the Japanese Ministry of Health, Labour, and Welfare designated four hospitals as cancer care hospitals, and these provide advanced cancer treatment, palliative care, patient information services, and professional training programmes.

REGISTRY STRUCTURE AND METHODS

The Hiroshima City Medical Association's Tumor Statistics Registry was established in 1957 and was renamed the Hiroshima Cancer Registry under the auspices of the municipal government in 2005. Data are collected mostly by the abstraction of medical records from major hospitals. The Hiroshima Prefecture Tissue Registry was started by the Hiroshima Prefectural Medical Association in 1973. Pathologists submit pathology records and provide sample slides of surgically removed tumours. The HPCR was started by the prefectural government in 2002 and collects data through voluntary notification from all hospitals and clinics. Death certificates are also collected, and trace-back surveys were initiated in 2005 (to request cancer diagnosis information for cases notified by death certificate only). Data from all three registries are summarized in the HPCR database. All registration activities have been supported by the Radiation Effects Research Foundation and its predecessor, the Atomic Bomb Casualty Commission.

INTERPRETING THE RESULTS

Data abstraction from major hospitals, the collection of pathology records, and the collection of data from hospital-based cancer registries in the cancer care hospitals guarantee a high quality of registration. Many atomic bomb survivors still live in Hiroshima, and the effects of atomic bomb radiation on cancer incidence persist.

USE OF THE DATA

Registry data are used for evaluating cancer incidence rates and cancer control programmes in the community. The registry also provides cancer incidence data for studies on the effects of radiation in atomic bomb survivors.

CONTRIBUTORS

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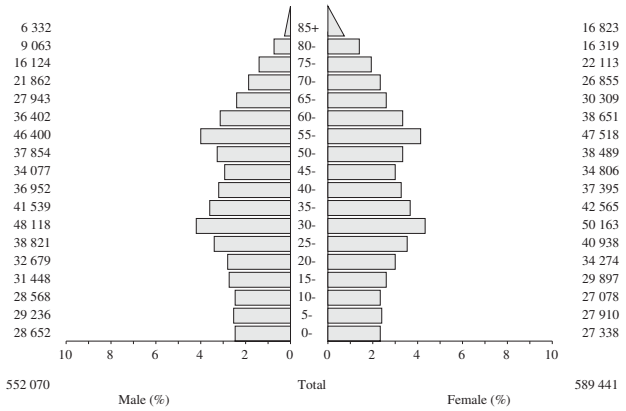
Japan, Hiroshima (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on interpolations from 2000 and 2005 census data for Hiroshima before it was merged with the town of Yuki in 2005, and on extrapolations from 2000 and 2005 census data for Hiroshima and Yuki.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	72.5	Breast	58.1
Trachea, bronchus and lung	48.6	Stomach	26.2
Prostate	47.0	Colon	24.1
Colon	36.8	Trachea, bronchus and lung	20.1
Liver	34.5	Thyroid	16.8
Rectum	24.4	Liver	12.0
Bladder	21.0	Rectum	10.9
Oesophagus	14.2	Corpus uteri	10.5
Non-Hodgkin lymphoma	11.7	Cervix uteri	10.2
Pancreas	9.5	Non-Hodgkin lymphoma	9.0
All sites	392.4	All sites	252.7

Japan, Hiroshima (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	2	0.0	0.1	**0.0**	0.00	0.00	3	0.0	0.1	**0.0**	0.00	0.01	*C00*
Tongue	119	0.6	4.3	**2.4**	0.14	0.27	74	0.5	2.5	**1.4**	0.08	0.14	*C01-02*
Mouth	94	0.5	3.4	**1.8**	0.11	0.22	56	0.4	1.9	**0.7**	0.03	0.07	*C03-06*
Salivary glands	33	0.2	1.2	**0.8**	0.05	0.09	24	0.2	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	28	0.1	1.0	**0.5**	0.04	0.06	5	0.0	0.2	**0.1**	0.00	0.01	*C09*
Other oropharynx	46	0.2	1.7	**0.9**	0.07	0.13	9	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	21	0.1	0.8	**0.4**	0.03	0.05	6	0.0	0.2	**0.2**	0.01	0.01	*C11*
Hypopharynx	117	0.6	4.2	**2.3**	0.14	0.31	7	0.0	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	12	0.1	0.4	**0.2**	0.01	0.03	2	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	752	3.6	27.2	**14.2**	0.81	1.82	164	1.1	5.6	**2.3**	0.10	0.28	*C15*
Stomach	3885	18.8	140.7	**72.5**	3.57	8.71	1804	12.3	61.2	**26.2**	1.41	2.94	*C16*
Small intestine	72	0.3	2.6	**1.3**	0.07	0.16	49	0.3	1.7	**0.8**	0.04	0.09	*C17*
Colon	1963	9.5	71.1	**36.8**	1.77	4.50	1676	11.4	56.9	**24.1**	1.22	2.81	*C18*
Rectum	1230	6.0	44.6	**24.4**	1.49	2.96	687	4.7	23.3	**10.9**	0.65	1.32	*C19-20*
Anus	15	0.1	0.5	**0.3**	0.02	0.03	21	0.1	0.7	**0.3**	0.02	0.02	*C21*
Liver	1842	8.9	66.7	**34.5**	1.65	4.37	919	6.3	31.2	**12.0**	0.36	1.57	*C22*
Gallbladder etc.	385	1.9	13.9	**6.6**	0.22	0.67	413	2.8	14.0	**4.6**	0.13	0.46	*C23-24*
Pancreas	531	2.6	19.2	**9.5**	0.46	1.07	513	3.5	17.4	**6.7**	0.26	0.81	*C25*
Nose, sinuses etc.	35	0.2	1.3	**0.7**	0.05	0.09	23	0.2	0.8	**0.3**	0.02	0.03	*C30-31*
Larynx	214	1.0	7.8	**4.0**	0.20	0.52	26	0.2	0.9	**0.4**	0.02	0.05	*C32*
Trachea, bronchus and lung	2739	13.3	99.2	**48.6**	1.95	5.64	1373	9.3	46.6	**20.1**	1.06	2.48	*C33-34*
Other thoracic organs	39	0.2	1.4	**0.9**	0.06	0.11	15	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	20	0.1	0.7	**0.6**	0.04	0.06	17	0.1	0.6	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	23	0.1	0.8	**0.5**	0.03	0.05	20	0.1	0.7	**0.4**	0.03	0.05	*C43*
Other skin	349		12.6	**6.1**	0.24	0.66	275		9.3	**3.4**	0.13	0.35	*C44*
Mesothelioma	57	0.3	2.1	**1.0**	0.06	0.12	13	0.1	0.4	**0.2**	0.01	0.01	*C45*
Kaposi sarcoma	2	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	78	0.4	2.8	**1.7**	0.10	0.16	38	0.3	1.3	**0.8**	0.06	0.08	*C47+C49*
Breast	16	0.1	0.6	**0.3**	0.01	0.03	2789	19.0	94.6	**58.1**	4.49	6.30	*C50*
Vulva							26	0.2	0.9	**0.3**	0.01	0.04	*C51*
Vagina							11	0.1	0.4	**0.2**	0.01	0.02	*C52*
Cervix uteri							440	3.0	14.9	**10.2**	0.81	0.97	*C53*
Corpus uteri							498	3.4	16.9	**10.5**	0.87	1.17	*C54*
Uterus unspecified							41	0.3	1.4	**0.4**	0.01	0.03	*C55*
Ovary							395	2.7	13.4	**8.8**	0.71	0.90	*C56*
Other female genital organs							13	0.1	0.4	**0.2**	0.02	0.02	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	21	0.1	0.8	**0.3**	0.01	0.03							*C60*
Prostate	2769	13.4	100.3	**47.0**	1.18	6.02							*C61*
Testis	70	0.3	2.5	**2.2**	0.18	0.18							*C62*
Other male genital organs	23	0.1	0.8	**0.4**	0.01	0.05							*C63*
Kidney	406	2.0	14.7	**8.4**	0.53	0.99	186	1.3	6.3	**3.2**	0.18	0.38	*C64*
Renal pelvis	91	0.4	3.3	**1.7**	0.07	0.25	42	0.3	1.4	**0.5**	0.01	0.06	*C65*
Ureter	65	0.3	2.4	**1.1**	0.03	0.13	24	0.2	0.8	**0.3**	0.01	0.04	*C66*
Bladder	1191	5.8	43.1	**21.0**	0.82	2.42	316	2.1	10.7	**4.0**	0.15	0.46	*C67*
Other urinary organs	28	0.1	1.0	**0.5**	0.02	0.05	17	0.1	0.6	**0.2**	0.00	0.02	*C68*
Eye	8	0.0	0.3	**0.3**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	122	0.6	4.4	**3.5**	0.23	0.31	92	0.6	3.1	**2.5**	0.16	0.21	*C70-72*
Thyroid	215	1.0	7.8	**4.9**	0.37	0.55	785	5.3	26.6	**16.8**	1.31	1.82	*C73*
Adrenal gland	5	0.0	0.2	**0.2**	0.01	0.02	5	0.0	0.2	**0.3**	0.01	0.01	*C74*
Other endocrine	10	0.0	0.4	**0.4**	0.03	0.03	7	0.0	0.2	**0.1**	0.01	0.02	*C75*
Hodgkin lymphoma	31	0.2	1.1	**1.0**	0.05	0.07	27	0.2	0.9	**0.6**	0.04	0.06	*C81*
Non-Hodgkin lymphoma	568	2.7	20.6	**11.7**	0.66	1.25	509	3.5	17.3	**9.0**	0.59	0.96	*C82-85,C96*
Immunoproliferative diseases	8	0.0	0.3	**0.1**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	106	0.5	3.8	**1.8**	0.06	0.20	86	0.6	2.9	**1.1**	0.05	0.13	*C90*
Lymphoid leukaemia	49	0.2	1.8	**1.8**	0.11	0.13	48	0.3	1.6	**1.6**	0.08	0.12	*C91*
Myeloid leukaemia	202	1.0	7.3	**4.5**	0.25	0.46	121	0.8	4.1	**2.1**	0.11	0.23	*C92-94*
Leukaemia unspecified	13	0.1	0.5	**0.3**	0.02	0.03	16	0.1	0.5	**0.4**	0.02	0.03	*C95*
Myeloproliferative disorders	25	0.1	0.9	**0.5**	0.02	0.04	18	0.1	0.6	**0.3**	0.01	0.02	*MPD*
Myelodysplastic syndromes	107	0.5	3.9	**1.7**	0.04	0.15	73	0.5	2.5	**1.0**	0.05	0.08	*MDS*
Other and unspecified	152	0.7	5.5	**2.7**	0.09	0.30	152	1.0	5.2	**1.9**	0.08	0.18	*O&U*
All sites	21004		760.9	**392.4**	18.18	46.59	14973		508.0	**252.7**	15.60	28.03	*C00-96*
All sites except C44	20655	100.0	748.3	**386.3**	17.94	45.93	14698	100.0	498.7	**249.3**	15.47	27.69	*C00-96 exc. C44*

§Includes 1 case of unknown age

Japan, Miyagi Prefecture

REGISTRATION AREA

The Miyagi Prefectural Cancer Registry covers Miyagi Prefecture, which is located in northern Japan and flanked to the east by the Pacific Ocean. In 2005, the population was 2.4 million and about 69% of employed residents worked in sales and service, 23% in manufacturing and construction, and 5% in agriculture.

CANCER CARE FACILITIES

The prefecture has seven designated cancer care hospitals certified by the Japanese Ministry of Health, Labour, and Welfare; five of these are located in the prefectural capital of Sendai and the surrounding area. Outside of the Sendai area, the prefecture is divided into six health care districts, and several core general hospitals in each district also provide cancer diagnostic and treatment services.

REGISTRY STRUCTURE AND METHODS

The registry began operations in 1959 and has been based in the Miyagi Cancer Society since 1976. The prefectural government provides grants for cancer registration and the Miyagi Cancer Society also supports the registry financially. The registry is staffed by a part-time physician and three full-time registrars. All registry work is the responsibility of the Registry Committee, which is made up of representatives of the Miyagi Medical Association, the designated cancer care hospitals, the prefectural government, and the Miyagi Cancer Society. Reporting is voluntary, and registry staff members also collect data actively, visiting 10–20 hospitals annually to abstract data.

INTERPRETING THE RESULTS

Screening programmes for gastric, colorectal, lung, breast, and cervical cancers are provided by municipalities and in workplaces. The 2007 Comprehensive Survey of Living Conditions found that participation rates in these screening programmes were approximately 30–40%, which was relatively high compared with rates in other prefectures. During 2000–2006 most municipalities initiated prostate cancer screening programmes using prostate-specific antigen (PSA) testing.

USE OF THE DATA

The registry provides descriptive data on the incidence of cancer, the extent of disease, and survival rates, and registry data have also been used in a variety of epidemiological research projects, including follow-ups of large-scale cohort studies and evaluations of screening programmes.

CONTRIBUTORS

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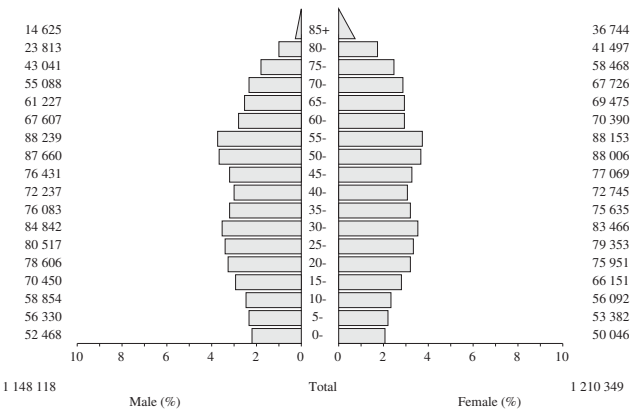
Japan, Miyagi Prefecture (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Japanese Center for Cancer Control and Information Services, the Japanese National Cancer Center, and the Japanese National Institute of Population and Social Security Research, based on estimates interpolated and extrapolated from 2001 and 2005 census data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	66.7	Breast	54.0
Prostate	44.1	Colon	24.0
Trachea, bronchus and lung	41.9	Stomach	22.8
Colon	37.9	Trachea, bronchus and lung	13.5
Rectum	24.1	Rectum	11.3
Liver	15.9	Thyroid	10.7
Oesophagus	15.0	Ovary	7.8
Bladder	12.0	Cervix uteri	6.9
Pancreas	10.5	Corpus uteri	6.8
Non-Hodgkin lymphoma	7.7	Pancreas	6.2
All sites	334.5	All sites	210.2

Japan, Miyagi Prefecture (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	9	0.0	0.2	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	168	0.4	2.9	**1.6**	0.11	0.18	98	0.4	1.6	**0.8**	0.05	0.09	*C01-02*
Mouth	146	0.4	2.5	**1.3**	0.07	0.16	70	0.3	1.2	**0.4**	0.02	0.04	*C03-06*
Salivary glands	68	0.2	1.2	**0.7**	0.04	0.07	43	0.2	0.7	**0.4**	0.02	0.04	*C07-08*
Tonsil	25	0.1	0.4	**0.3**	0.02	0.03	1	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	128	0.3	2.2	**1.2**	0.08	0.16	13	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	39	0.1	0.7	**0.4**	0.03	0.04	12	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	184	0.5	3.2	**1.6**	0.09	0.22	22	0.1	0.4	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	17	0.0	0.3	**0.1**	0.01	0.02	4	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	1829	4.5	31.9	**15.0**	0.76	1.99	351	1.3	5.8	**2.3**	0.14	0.26	*C15*
Stomach	8151	20.1	142.0	**66.7**	3.19	8.32	3607	13.4	59.6	**22.8**	1.20	2.56	*C16*
Small intestine	94	0.2	1.6	**0.8**	0.05	0.09	54	0.2	0.9	**0.4**	0.03	0.05	*C17*
Colon	4633	11.4	80.7	**37.9**	1.80	4.73	3800	14.1	62.8	**24.0**	1.24	2.78	*C18*
Rectum	2752	6.8	47.9	**24.1**	1.44	2.98	1565	5.8	25.9	**11.3**	0.69	1.32	*C19-20*
Anus	39	0.1	0.7	**0.3**	0.02	0.04	38	0.1	0.6	**0.2**	0.01	0.03	*C21*
Liver	1900	4.7	33.1	**15.9**	0.83	2.00	991	3.7	16.4	**5.4**	0.17	0.68	*C22*
Gallbladder etc.	1047	2.6	18.2	**7.4**	0.24	0.79	1014	3.8	16.8	**4.9**	0.16	0.51	*C23-24*
Pancreas	1326	3.3	23.1	**10.5**	0.48	1.23	1164	4.3	19.2	**6.2**	0.26	0.67	*C25*
Nose, sinuses etc.	95	0.2	1.7	**0.9**	0.06	0.11	52	0.2	0.9	**0.5**	0.02	0.05	*C30-31*
Larynx	377	0.9	6.6	**3.2**	0.19	0.40	25	0.1	0.4	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	5622	13.9	97.9	**41.9**	1.60	4.86	2196	8.1	36.3	**13.5**	0.65	1.61	*C33-34*
Other thoracic organs	62	0.2	1.1	**0.8**	0.04	0.08	33	0.1	0.5	**0.4**	0.02	0.04	*C37-38*
Bone	34	0.1	0.6	**0.5**	0.02	0.03	28	0.1	0.5	**0.3**	0.02	0.03	*C40-41*
Melanoma of skin	63	0.2	1.1	**0.6**	0.03	0.06	72	0.3	1.2	**0.5**	0.03	0.05	*C43*
Other skin	466		8.1	**3.5**	0.13	0.34	467		7.7	**2.4**	0.10	0.24	*C44*
Mesothelioma	69	0.2	1.2	**0.6**	0.04	0.07	19	0.1	0.3	**0.1**	0.01	0.02	*C45*
Kaposi sarcoma	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	110	0.3	1.9	**1.2**	0.07	0.13	79	0.3	1.3	**0.8**	0.05	0.08	*C47+C49*
Breast	26	0.1	0.5	**0.2**	0.01	0.02	5210	19.3	86.1	**54.0**	4.39	5.76	*C50*
Vulva							41	0.2	0.7	**0.2**	0.01	0.02	*C51*
Vagina							23	0.1	0.4	**0.1**	0.01	0.01	*C52*
Cervix uteri							603	2.2	10.0	**6.9**	0.55	0.65	*C53*
Corpus uteri							711	2.6	11.7	**6.8**	0.54	0.78	*C54*
Uterus unspecified							68	0.3	1.1	**0.5**	0.03	0.05	*C55*
Ovary							778	2.9	12.9	**7.8**	0.62	0.81	*C56*
Other female genital organs							18	0.1	0.3	**0.2**	0.02	0.02	*C57*
Placenta							5	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	31	0.1	0.5	**0.2**	0.01	0.02							*C60*
Prostate	5969	14.7	104.0	**44.1**	1.28	5.90							*C61*
Testis	135	0.3	2.4	**2.2**	0.17	0.17							*C62*
Other male genital organs	20	0.0	0.3	**0.2**	0.01	0.02							*C63*
Kidney	779	1.9	13.6	**7.5**	0.49	0.89	376	1.4	6.2	**2.9**	0.18	0.35	*C64*
Renal pelvis	128	0.3	2.2	**1.0**	0.05	0.11	73	0.3	1.2	**0.5**	0.02	0.06	*C65*
Ureter	116	0.3	2.0	**0.9**	0.04	0.11	86	0.3	1.4	**0.4**	0.01	0.06	*C66*
Bladder	1524	3.8	26.5	**12.0**	0.54	1.34	484	1.8	8.0	**2.9**	0.14	0.32	*C67*
Other urinary organs	11	0.0	0.2	**0.1**	0.00	0.01	9	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	10	0.0	0.2	**0.1**	0.01	0.01	9	0.0	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	190	0.5	3.3	**2.8**	0.17	0.24	130	0.5	2.1	**1.6**	0.11	0.15	*C70-72*
Thyroid	231	0.6	4.0	**2.4**	0.16	0.27	962	3.6	15.9	**10.7**	0.87	1.11	*C73*
Adrenal gland	14	0.0	0.2	**0.3**	0.02	0.02	11	0.0	0.2	**0.1**	0.01	0.01	*C74*
Other endocrine	7	0.0	0.1	**0.2**	0.01	0.01	6	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	37	0.1	0.6	**0.4**	0.02	0.04	31	0.1	0.5	**0.5**	0.03	0.04	*C81*
Non-Hodgkin lymphoma	853	2.1	14.9	**7.7**	0.43	0.83	791	2.9	13.1	**6.0**	0.37	0.69	*C82-85,C96*
Immunoproliferative diseases	13	0.0	0.2	**0.1**	0.00	0.01	5	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	229	0.6	4.0	**1.8**	0.07	0.23	228	0.8	3.8	**1.3**	0.05	0.15	*C90*
Lymphoid leukaemia	140	0.3	2.4	**2.0**	0.11	0.17	133	0.5	2.2	**2.2**	0.12	0.16	*C91*
Myeloid leukaemia	363	0.9	6.3	**3.7**	0.21	0.39	230	0.9	3.8	**2.3**	0.14	0.22	*C92-94*
Leukaemia unspecified	25	0.1	0.4	**0.2**	0.01	0.02	23	0.1	0.4	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	27	0.1	0.5	**0.3**	0.01	0.02	20	0.1	0.3	**0.2**	0.01	0.02	*MPD*
Myelodysplastic syndromes	226	0.6	3.9	**1.5**	0.03	0.15	137	0.5	2.3	**0.7**	0.02	0.05	*MDS*
Other and unspecified	469	1.2	8.2	**3.6**	0.14	0.35	457	1.7	7.6	**2.6**	0.11	0.24	*O&U*
All sites	41027		714.7	**334.5**	15.46	40.48	27477		454.0	**210.2**	13.33	22.97	*C00-96*
All sites except C44	40561	100.0	706.6	**331.0**	15.33	40.13	27010	100.0	446.3	**207.8**	13.24	22.73	*C00-96 exc. C44*

Japan, Nagasaki Prefecture

REGISTRATION AREA

The Nagasaki Prefectural Cancer Registry covers Nagasaki Prefecture, on the western tip of the Japanese archipelago. A third of the prefecture's population lives in the city of Nagasaki on the island of Kyushu, where shipbuilding is one of the primary industries. The prefecture also has 55 smaller inhabited islands, whose residents account for 9% of the total prefectural population. More than 60% of the prefecture's residents work in the service and retail/restaurant industries, and 12% work in manufacturing (including shipbuilding).

CANCER CARE FACILITIES

There are six cancer care hospitals with radiotherapy facilities designated by the Japanese government and six other hospitals (two of which have radiotherapy facilities) that treat more than 100 cancer cases annually. These hospitals are concentrated in the cities of Nagasaki and Sasebo, and 70% of cancer patients in the prefecture are treated in these cities.

REGISTRY STRUCTURE AND METHODS

The central registry office is located in the Radiation Effects Research Foundation's Department of Epidemiology and is staffed by a physician and nine full-time staff members, who are prefectural government employees. Incidence data are collected mainly by abstraction from medical records and pathology reports. Data on cancer cases detected in screening programmes are also obtained. The registry also collects all death certificates within the prefecture, to update the vital status of the registered cases.

INTERPRETING THE RESULTS

Hepatitis C virus and human T-cell lymphotropic virus type 1 (HTLV-1) infections are endemic in Nagasaki Prefecture, and these affect the incidence of hepatocellular carcinoma and adult T-cell leukaemia, respectively. The incidence of prostate cancer has been increasing due to increased opportunistic prostate-specific antigen (PSA) testing since 2003. Many atomic bomb survivors still live in Nagasaki, and the effects of atomic bomb radiation on cancer incidence persist.

USE OF THE DATA

The registry publishes annual reports on cancer incidence, mortality, and survival in Nagasaki Prefecture and participates in a project to estimate nationwide cancer incidence in Japan. Registry data are used for research into the association between radiation exposure and cancer incidence, and are also used by the government to design medical projects and cancer screening assessments.

CONTRIBUTORS

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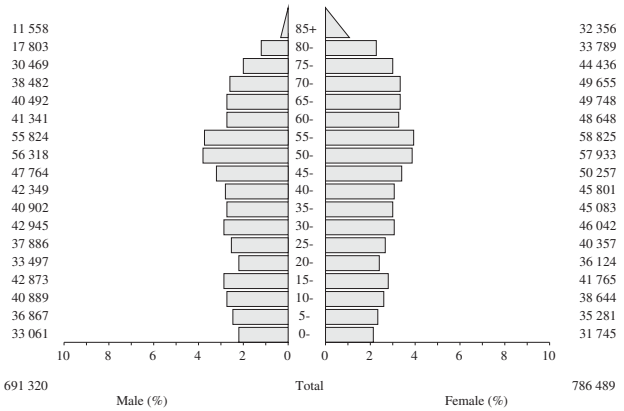
Japan, Nagasaki Prefecture (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Japanese Center for Cancer Control and Information Services, the Japanese National Cancer Center, and the Japanese National Institute of Population and Social Security Research, based on estimates interpolated and extrapolated from 2001 and 2005 census data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	55.2	Breast	48.5
Trachea, bronchus and lung	46.1	Stomach	21.3
Prostate	40.4	Colon	19.7
Colon	29.8	Trachea, bronchus and lung	15.5
Liver	24.4	Cervix uteri	10.0
Rectum	20.4	Rectum	9.7
Bladder	13.6	Thyroid	9.4
Oesophagus	10.6	Corpus uteri	8.4
Pancreas	9.4	Ovary	7.8
Non-Hodgkin lymphoma	8.3	Liver	7.5
All sites	325.9	All sites	209.8

Japan, Nagasaki Prefecture (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	7	0.0	0.2	**0.1**	0.00	0.01	3	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	176	0.7	5.1	**2.6**	0.17	0.31	99	0.5	2.5	**1.1**	0.07	0.12	*C01-02*
Mouth	154	0.6	4.5	**2.0**	0.10	0.23	111	0.6	2.8	**1.0**	0.05	0.11	*C03-06*
Salivary glands	57	0.2	1.6	**0.9**	0.06	0.11	28	0.1	0.7	**0.3**	0.02	0.03	*C07-08*
Tonsil	23	0.1	0.7	**0.3**	0.02	0.05	6	0.0	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	75	0.3	2.2	**1.0**	0.07	0.13	11	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	32	0.1	0.9	**0.5**	0.05	0.06	13	0.1	0.3	**0.1**	0.01	0.02	*C11*
Hypopharynx	169	0.6	4.9	**2.2**	0.12	0.27	10	0.1	0.3	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	13	0.0	0.4	**0.2**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	803	3.0	23.2	**10.6**	0.67	1.32	137	0.7	3.5	**1.3**	0.08	0.16	*C15*
Stomach	4624	17.2	133.8	**55.2**	2.73	6.57	2412	12.5	61.3	**21.3**	1.14	2.42	*C16*
Small intestine	84	0.3	2.4	**1.0**	0.06	0.11	75	0.4	1.9	**0.6**	0.03	0.08	*C17*
Colon	2523	9.4	73.0	**29.8**	1.38	3.65	2367	12.2	60.2	**19.7**	1.01	2.22	*C18*
Rectum	1554	5.8	45.0	**20.4**	1.24	2.51	1009	5.2	25.7	**9.7**	0.58	1.14	*C19-20*
Anus	18	0.1	0.5	**0.2**	0.01	0.02	23	0.1	0.6	**0.2**	0.01	0.02	*C21*
Liver	1976	7.4	57.2	**24.4**	1.24	3.10	998	5.2	25.4	**7.5**	0.29	0.94	*C22*
Gallbladder etc.	599	2.2	17.3	**6.3**	0.24	0.67	800	4.1	20.3	**4.9**	0.16	0.48	*C23-24*
Pancreas	811	3.0	23.5	**9.4**	0.44	1.11	761	3.9	19.4	**5.6**	0.26	0.63	*C25*
Nose, sinuses etc.	63	0.2	1.8	**0.9**	0.06	0.11	36	0.2	0.9	**0.4**	0.02	0.04	*C30-31*
Larynx	266	1.0	7.7	**3.3**	0.16	0.41	18	0.1	0.5	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	4321	16.1	125.0	**46.1**	1.82	5.12	1958	10.1	49.8	**15.5**	0.72	1.82	*C33-34*
Other thoracic organs	50	0.2	1.4	**0.9**	0.07	0.09	30	0.2	0.8	**0.4**	0.02	0.04	*C37-38*
Bone	28	0.1	0.8	**0.6**	0.04	0.05	28	0.1	0.7	**0.5**	0.03	0.05	*C40-41*
Melanoma of skin	37	0.1	1.1	**0.6**	0.03	0.07	78	0.4	2.0	**1.2**	0.08	0.10	*C43*
Other skin	615		17.8	**6.8**	0.25	0.71	743		18.9	**5.1**	0.21	0.50	*C44*
Mesothelioma	107	0.4	3.1	**1.4**	0.08	0.16	30	0.2	0.8	**0.3**	0.01	0.04	*C45*
Kaposi sarcoma	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	66	0.2	1.9	**1.0**	0.05	0.10	66	0.3	1.7	**0.8**	0.05	0.08	*C47+C49*
Breast	27	0.1	0.8	**0.3**	0.01	0.04	3209	16.6	81.6	**48.5**	3.91	5.22	*C50*
Vulva							46	0.2	1.2	**0.3**	0.01	0.03	*C51*
Vagina							12	0.1	0.3	**0.1**	0.00	0.01	*C52*
Cervix uteri							590	3.0	15.0	**10.0**	0.79	0.96	*C53*
Corpus uteri							561	2.9	14.3	**8.4**	0.72	0.92	*C54*
Uterus unspecified							47	0.2	1.2	**0.4**	0.03	0.04	*C55*
Ovary							554	2.9	14.1	**7.8**	0.59	0.80	*C56*
Other female genital organs							22	0.1	0.6	**0.3**	0.02	0.03	*C57*
Placenta							2	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	28	0.1	0.8	**0.4**	0.02	0.04							*C60*
Prostate	3916	14.6	113.3	**40.4**	1.15	5.14							*C61*
Testis	66	0.2	1.9	**2.1**	0.15	0.16							*C62*
Other male genital organs	27	0.1	0.8	**0.3**	0.01	0.03							*C63*
Kidney	441	1.6	12.8	**6.2**	0.40	0.71	199	1.0	5.1	**2.2**	0.15	0.24	*C64*
Renal pelvis	119	0.4	3.4	**1.4**	0.07	0.17	68	0.4	1.7	**0.5**	0.01	0.05	*C65*
Ureter	103	0.4	3.0	**1.2**	0.06	0.15	69	0.4	1.8	**0.5**	0.01	0.05	*C66*
Bladder	1234	4.6	35.7	**13.6**	0.55	1.53	399	2.1	10.1	**2.8**	0.11	0.32	*C67*
Other urinary organs	17	0.1	0.5	**0.2**	0.00	0.02	16	0.1	0.4	**0.1**	0.00	0.02	*C68*
Eye	9	0.0	0.3	**0.2**	0.01	0.01	5	0.0	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	128	0.5	3.7	**2.4**	0.15	0.24	99	0.5	2.5	**1.8**	0.11	0.14	*C70-72*
Thyroid	190	0.7	5.5	**3.1**	0.22	0.33	593	3.1	15.1	**9.4**	0.74	0.97	*C73*
Adrenal gland	6	0.0	0.2	**0.1**	0.01	0.01	4	0.0	0.1	**0.2**	0.01	0.01	*C74*
Other endocrine	7	0.0	0.2	**0.3**	0.02	0.02	6	0.0	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	28	0.1	0.8	**0.6**	0.04	0.06	22	0.1	0.6	**0.4**	0.02	0.03	*C81*
Non-Hodgkin lymphoma	627	2.3	18.1	**8.3**	0.44	0.93	604	3.1	15.4	**6.6**	0.39	0.70	*C82-85,C96*
Immunoproliferative diseases	12	0.0	0.3	**0.1**	0.00	0.02	11	0.1	0.3	**0.1**	0.01	0.01	*C88*
Multiple myeloma	177	0.7	5.1	**1.8**	0.07	0.20	156	0.8	4.0	**1.1**	0.04	0.13	*C90*
Lymphoid leukaemia	347	1.3	10.0	**5.0**	0.28	0.53	280	1.4	7.1	**3.4**	0.19	0.33	*C91*
Myeloid leukaemia	291	1.1	8.4	**4.5**	0.24	0.46	185	1.0	4.7	**2.2**	0.13	0.23	*C92-94*
Leukaemia unspecified	20	0.1	0.6	**0.3**	0.01	0.03	15	0.1	0.4	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	26	0.1	0.8	**0.3**	0.01	0.03	25	0.1	0.6	**0.3**	0.01	0.02	*MPD*
Myelodysplastic syndromes	211	0.8	6.1	**2.4**	0.07	0.23	178	0.9	4.5	**1.8**	0.09	0.17	*MDS*
Other and unspecified	177	0.7	5.1	**1.9**	0.08	0.18	261	1.3	6.6	**2.1**	0.09	0.17	*O&U*
All sites	27486		795.2	**325.9**	15.24	38.29	20089		510.9	**209.8**	13.11	22.74	*C00-96*
All sites except C44	26871	100.0	777.4	**319.2**	14.99	37.58	19346	100.0	492.0	**204.7**	12.90	22.24	*C00-96 exc. C44*

Japan, Niigata Prefecture

REGISTRATION AREA
The Niigata Prefectural Cancer Registry covers Niigata Prefecture, which is located on the coast of the Sea of Japan and is about 300 km north of Tokyo. The prefecture has a population of about 2.5 million and is known for the cultivation of rice, its heavy snowfalls, and its natural beauty.

CANCER CARE FACILITIES
The prefecture has nine hospitals with radiotherapy facilities.

REGISTRY STRUCTURE AND METHODS
The registry was established in 1991 by the prefectural government, in cooperation with the Niigata Medical Association, to collect cancer information and help establish cancer control programmes in Niigata. The registry follows the standard Japanese cancer registry system. Cancer registration forms are submitted voluntarily to the Niigata Medical Association by hospitals and clinics, and are then transferred to the Niigata Cancer Center Hospital. Data from screening programmes are obtained from the Niigata Association for Cancer Prevention.

USE OF THE DATA
The registry has published an annual online report since 1991 and provides more detailed data to medical researchers. Registry data are also used to perform quality control for screening programmes.

CONTRIBUTORS
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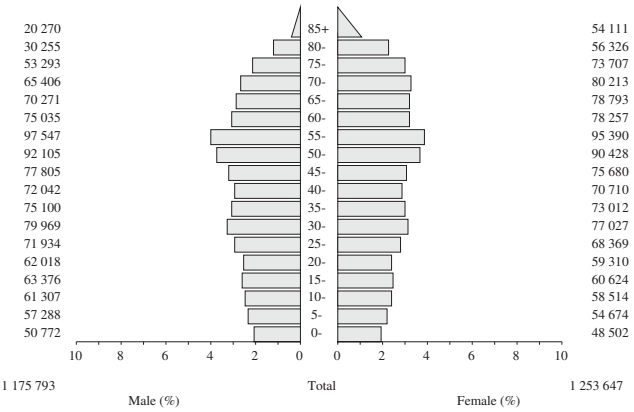
Japan, Niigata Prefecture (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by the Japanese Center for Cancer Control and Information Services, the Japanese National Cancer Center, and the Japanese National Institute of Population and Social Security Research, based on estimates interpolated and extrapolated from 2001 and 2005 census data.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	72.4	Breast	49.0
Trachea, bronchus and lung	42.8	Stomach	27.5
Colon	32.0	Colon	20.9
Rectum	21.3	Trachea, bronchus and lung	12.9
Prostate	20.1	Rectum	9.1
Oesophagus	15.2	Cervix uteri	8.6
Liver	12.3	Ovary	8.4
Pancreas	10.6	Corpus uteri	8.1
Bladder	8.5	Pancreas	5.7
Gallbladder etc.	7.1	Thyroid	5.3
All sites	293.3	All sites	193.9

Japan, Niigata Prefecture (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	9	0.0	0.2	**0.1**	0.00	0.00	7	0.0	0.1	**0.0**	0.00	0.01	*C00*
Tongue	191	0.5	3.2	**1.6**	0.11	0.19	103	0.4	1.6	**0.7**	0.04	0.07	*C01-02*
Mouth	152	0.4	2.6	**1.1**	0.06	0.14	115	0.4	1.8	**0.6**	0.03	0.07	*C03-06*
Salivary glands	51	0.1	0.9	**0.4**	0.03	0.05	34	0.1	0.5	**0.3**	0.02	0.03	*C07-08*
Tonsil	17	0.0	0.3	**0.2**	0.02	0.02	5	0.0	0.1	**0.0**	0.00	0.00	*C09*
Other oropharynx	116	0.3	2.0	**1.0**	0.07	0.12	14	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	33	0.1	0.6	**0.3**	0.03	0.04	15	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	209	0.5	3.6	**1.5**	0.08	0.20	37	0.1	0.6	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	8	0.0	0.1	**0.1**	0.00	0.00	3	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	2156	5.2	36.7	**15.2**	0.77	2.03	334	1.1	5.3	**1.8**	0.10	0.22	*C15*
Stomach	10372	25.0	176.4	**72.4**	3.52	9.01	5147	17.6	82.1	**27.5**	1.50	3.15	*C16*
Small intestine	126	0.3	2.1	**1.0**	0.06	0.11	78	0.3	1.2	**0.4**	0.02	0.04	*C17*
Colon	4546	11.0	77.3	**32.0**	1.59	3.89	3926	13.4	62.6	**20.9**	1.12	2.47	*C18*
Rectum	2792	6.7	47.5	**21.3**	1.28	2.63	1530	5.2	24.4	**9.1**	0.55	1.08	*C19-20*
Anus	41	0.1	0.7	**0.3**	0.02	0.03	45	0.2	0.7	**0.2**	0.01	0.02	*C21*
Liver	1769	4.3	30.1	**12.3**	0.62	1.52	954	3.3	15.2	**4.3**	0.16	0.53	*C22*
Gallbladder etc.	1219	2.9	20.7	**7.1**	0.21	0.72	1426	4.9	22.7	**4.9**	0.14	0.46	*C23-24*
Pancreas	1583	3.8	26.9	**10.6**	0.51	1.20	1342	4.6	21.4	**5.7**	0.21	0.63	*C25*
Nose, sinuses etc.	92	0.2	1.6	**0.7**	0.04	0.08	55	0.2	0.9	**0.3**	0.02	0.03	*C30-31*
Larynx	412	1.0	7.0	**2.9**	0.17	0.38	18	0.1	0.3	**0.1**	0.00	0.01	*C32*
Trachea, bronchus and lung	6828	16.5	116.1	**42.8**	1.71	4.93	2491	8.5	39.7	**12.9**	0.70	1.50	*C33-34*
Other thoracic organs	78	0.2	1.3	**0.8**	0.04	0.08	43	0.1	0.7	**0.4**	0.03	0.04	*C37-38*
Bone	50	0.1	0.9	**0.7**	0.05	0.06	46	0.2	0.7	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	47	0.1	0.8	**0.4**	0.03	0.04	76	0.3	1.2	**0.6**	0.04	0.06	*C43*
Other skin	319		5.4	**2.2**	0.10	0.24	291		4.6	**1.3**	0.06	0.12	*C44*
Mesothelioma	85	0.2	1.4	**0.6**	0.04	0.07	18	0.1	0.3	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	123	0.3	2.1	**1.4**	0.08	0.12	79	0.3	1.3	**0.9**	0.06	0.08	*C47+C49*
Breast	22	0.1	0.4	**0.1**	0.01	0.01	4957	17.0	79.1	**49.0**	4.01	5.19	*C50*
Vulva							50	0.2	0.8	**0.3**	0.01	0.03	*C51*
Vagina							21	0.1	0.3	**0.2**	0.01	0.02	*C52*
Cervix uteri							748	2.6	11.9	**8.6**	0.70	0.80	*C53*
Corpus uteri							869	3.0	13.9	**8.1**	0.69	0.91	*C54*
Uterus unspecified							49	0.2	0.8	**0.2**	0.01	0.02	*C55*
Ovary							880	3.0	14.0	**8.4**	0.64	0.86	*C56*
Other female genital organs							31	0.1	0.5	**0.2**	0.02	0.03	*C57*
Placenta							5	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	30	0.1	0.5	**0.2**	0.01	0.02							*C60*
Prostate	3266	7.9	55.6	**20.1**	0.64	2.59							*C61*
Testis	138	0.3	2.3	**2.2**	0.17	0.18							*C62*
Other male genital organs	15	0.0	0.3	**0.1**	0.01	0.01							*C63*
Kidney	598	1.4	10.2	**5.0**	0.31	0.58	273	0.9	4.4	**1.7**	0.10	0.19	*C64*
Renal pelvis	150	0.4	2.6	**1.0**	0.04	0.11	75	0.3	1.2	**0.3**	0.01	0.03	*C65*
Ureter	140	0.3	2.4	**0.9**	0.03	0.10	105	0.4	1.7	**0.4**	0.01	0.05	*C66*
†Bladder	1289	3.1	21.9	**8.5**	0.40	0.92	425	1.5	6.8	**1.9**	0.09	0.19	*C67*
Other urinary organs	7	0.0	0.1	**0.0**	0.00	0.00	4	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	11	0.0	0.2	**0.3**	0.01	0.02	11	0.0	0.2	**0.3**	0.01	0.02	*C69*
Brain, nervous system	192	0.5	3.3	**2.4**	0.15	0.21	166	0.6	2.6	**1.7**	0.11	0.15	*C70-72*
Thyroid	168	0.4	2.9	**1.7**	0.13	0.18	530	1.8	8.5	**5.3**	0.38	0.54	*C73*
Adrenal gland	15	0.0	0.3	**0.2**	0.01	0.02	9	0.0	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	11	0.0	0.2	**0.3**	0.02	0.02	7	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	33	0.1	0.6	**0.5**	0.03	0.04	22	0.1	0.4	**0.3**	0.02	0.03	*C81*
Non-Hodgkin lymphoma	830	2.0	14.1	**6.6**	0.36	0.71	694	2.4	11.1	**4.4**	0.25	0.50	*C82-85,C96*
Immunoproliferative diseases	16	0.0	0.3	**0.1**	0.00	0.01	7	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	249	0.6	4.2	**1.6**	0.08	0.18	280	1.0	4.5	**1.2**	0.06	0.13	*C90*
Lymphoid leukaemia	113	0.3	1.9	**2.3**	0.12	0.14	96	0.3	1.5	**1.5**	0.08	0.11	*C91*
Myeloid leukaemia	423	1.0	7.2	**3.9**	0.21	0.37	270	0.9	4.3	**2.3**	0.12	0.21	*C92-94*
Leukaemia unspecified	40	0.1	0.7	**0.3**	0.01	0.03	24	0.1	0.4	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	10	0.0	0.2	**0.1**	0.00	0.01	9	0.0	0.1	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	107	0.3	1.8	**0.6**	0.02	0.06	73	0.3	1.2	**0.3**	0.02	0.03	*MDS*
Other and unspecified	480	1.2	8.2	**3.1**	0.12	0.31	560	1.9	8.9	**2.4**	0.10	0.20	*O&U*
All sites	41777		710.6	**293.3**	14.14	34.73	29482		470.3	**193.9**	12.39	21.01	*C00-96*
All sites except C44	41458	100.0	705.2	**291.1**	14.04	34.49	29191	100.0	465.7	**192.6**	12.33	20.89	*C00-96 exc. C44*

† See note following population pyramid

Japan, Osaka Prefecture

REGISTRATION AREA

The Osaka Cancer Registry (OCR) covers Osaka Prefecture in central Japan. The prefecture has the second smallest area (1894 km^2) but the second highest population density (4655 residents/km^2) of Japan's 47 prefectures. In 2005, the population was 8.8 million (98% Japanese, 1.3% Korean, and 0.3% Chinese). About 26.2% of workers are employed in industry, 70.7% in commerce, and 0.6% in agriculture.

REGISTRY STRUCTURE AND METHODS

The OCR has been operating, in cooperation with the Osaka Prefectural Health and Medical Department (OPHMD), the Osaka Medical Association (OMA), and the Osaka Medical Center for Cancer and Cardiovascular Diseases (OMCCD), since 1962. The central registry is located within the OMCCD's Center for Cancer Control and Statistics. The OMA asks all medical institutions in the prefecture to submit reports when cancer cases are diagnosed, and these reports are transferred monthly from the OMA to the central registry. Data from resident death certificates mentioning cancer are also obtained (through the OPHMD). To evaluate cancer survival in the prefecture, the registry has progressively undertaken active follow-up to determine vital status. High-quality survival data are available for patients diagnosed within the prefecture excluding the capital city of Osaka since 1975, and for all patients diagnosed within the prefecture since 1993. The proportion of cases that are lost to follow-up has been 1–2% at 5 years after diagnosis.

USE OF THE DATA

The registry publishes annual reports on cancer incidence, treatment statistics, and survival. Summary statistics are also available in English from the OMCCD's website (http://www.mc.pref.osaka.jp/ocr_e/index.html).

CONTRIBUTORS

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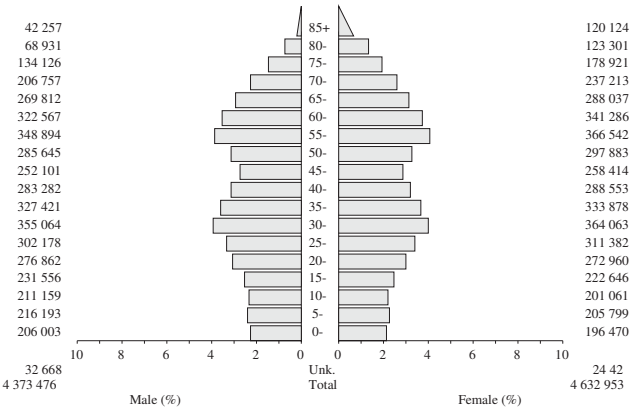
Japan, Osaka Prefecture (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Japanese Center for Cancer Control and Information Services, the Japanese National Cancer Center, and the Japanese National Institute of Population and Social Security Research, based on estimates interpolated and extrapolated from 2001 and 2005 census data.

NOTES ON THE DATA

*Low MV%. High M:I ratios.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	45.3	Breast	37.3
Trachea, bronchus and lung	41.6	Stomach	17.3
Liver	25.6	Colon	14.4
Colon	20.5	Trachea, bronchus and lung	13.9
Prostate	16.3	Liver	8.7
Rectum	13.4	Cervix uteri	7.1
Oesophagus	11.3	Rectum	6.5
Pancreas	9.4	Ovary	6.0
Bladder	8.2	Pancreas	5.8
Non-Hodgkin lymphoma	6.4	Corpus uteri	5.4
All sites	244.3	All sites	158.8

*Japan, Osaka Prefecture (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	9	0.0	0.0	**0.0**	0.00	0.00	19	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	699	0.6	3.2	**1.7**	0.11	0.21	373	0.5	1.6	**0.8**	0.05	0.08	*C01-02*
Mouth	598	0.5	2.7	**1.4**	0.08	0.17	399	0.5	1.7	**0.7**	0.03	0.07	*C03-06*
Salivary glands	157	0.1	0.7	**0.4**	0.02	0.04	125	0.2	0.5	**0.3**	0.02	0.03	*C07-08*
Tonsil	67	0.1	0.3	**0.2**	0.01	0.02	31	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	334	0.3	1.5	**0.8**	0.05	0.10	75	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	165	0.2	0.8	**0.4**	0.03	0.05	60	0.1	0.3	**0.1**	0.01	0.02	*C11*
Hypopharynx	743	0.7	3.4	**1.7**	0.11	0.22	79	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	89	0.1	0.4	**0.2**	0.01	0.02	13	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	4963	4.5	22.7	**11.3**	0.66	1.45	1006	1.3	4.3	**1.9**	0.11	0.22	*C15*
Stomach	20763	18.9	94.9	**45.3**	2.15	5.36	9897	12.7	42.7	**17.3**	0.90	1.89	*C16*
Small intestine	303	0.3	1.4	**0.7**	0.04	0.08	227	0.3	1.0	**0.4**	0.03	0.05	*C17*
Colon	9437	8.6	43.2	**20.5**	0.93	2.38	8442	10.8	36.4	**14.4**	0.72	1.62	*C18*
Rectum	5853	5.3	26.8	**13.4**	0.77	1.69	3337	4.3	14.4	**6.5**	0.40	0.76	*C19-20*
Anus	186	0.2	0.9	**0.4**	0.03	0.05	141	0.2	0.6	**0.2**	0.01	0.03	*C21*
Liver	11922	10.9	54.5	**25.6**	1.12	3.26	5689	7.3	24.6	**8.7**	0.27	1.06	*C22*
Gallbladder etc.	2511	2.3	11.5	**5.2**	0.18	0.56	2668	3.4	11.5	**3.8**	0.12	0.39	*C23-24*
Pancreas	4343	4.0	19.9	**9.4**	0.44	1.10	3698	4.7	16.0	**5.8**	0.24	0.66	*C25*
Nose, sinuses etc.	268	0.2	1.2	**0.6**	0.04	0.07	157	0.2	0.7	**0.3**	0.01	0.03	*C30-31*
Larynx	1196	1.1	5.5	**2.6**	0.14	0.33	97	0.1	0.4	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	19929	18.2	91.1	**41.6**	1.60	4.64	8408	10.8	36.3	**13.9**	0.64	1.57	*C33-34*
Other thoracic organs	198	0.2	0.9	**0.6**	0.04	0.06	126	0.2	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	145	0.1	0.7	**0.6**	0.04	0.05	101	0.1	0.4	**0.4**	0.02	0.03	*C40-41*
Melanoma of skin	110	0.1	0.5	**0.3**	0.02	0.03	117	0.2	0.5	**0.3**	0.02	0.03	*C43*
Other skin	781		3.6	**1.7**	0.07	0.17	680		2.9	**1.1**	0.05	0.11	*C44*
Mesothelioma	415	0.4	1.9	**0.9**	0.04	0.11	129	0.2	0.6	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	4	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	326	0.3	1.5	**1.1**	0.06	0.10	271	0.3	1.2	**0.8**	0.05	0.07	*C47+C49*
Breast	91	0.1	0.4	**0.2**	0.01	0.02	13918	17.9	60.1	**37.3**	2.99	3.98	*C50*
Vulva							164	0.2	0.7	**0.3**	0.01	0.03	*C51*
Vagina							75	0.1	0.3	**0.1**	0.01	0.01	*C52*
Cervix uteri							2509	3.2	10.8	**7.1**	0.56	0.70	*C53*
Corpus uteri							2114	2.7	9.1	**5.4**	0.44	0.60	*C54*
Uterus unspecified							520	0.7	2.2	**1.0**	0.06	0.10	*C55*
Ovary							2271	2.9	9.8	**6.0**	0.46	0.62	*C56*
Other female genital organs							48	0.1	0.2	**0.1**	0.01	0.01	*C57*
Placenta							5	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	83	0.1	0.4	**0.2**	0.01	0.02							*C60*
Prostate	8193	7.5	37.5	**16.3**	0.43	1.93							*C61*
Testis	313	0.3	1.4	**1.3**	0.10	0.10							*C62*
Other male genital organs	64	0.1	0.3	**0.1**	0.01	0.01							*C63*
Kidney	1831	1.7	8.4	**4.5**	0.27	0.52	880	1.1	3.8	**1.7**	0.09	0.19	*C64*
Renal pelvis	443	0.4	2.0	**0.9**	0.04	0.11	178	0.2	0.8	**0.3**	0.01	0.04	*C65*
Ureter	337	0.3	1.5	**0.7**	0.02	0.08	200	0.3	0.9	**0.3**	0.01	0.03	*C66*
Bladder	3941	3.6	18.0	**8.2**	0.33	0.91	1218	1.6	5.3	**1.9**	0.08	0.20	*C67*
Other urinary organs	51	0.0	0.2	**0.1**	0.00	0.01	48	0.1	0.2	**0.1**	0.00	0.01	*C68*
Eye	24	0.0	0.1	**0.1**	0.01	0.01	31	0.0	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	695	0.6	3.2	**2.4**	0.13	0.21	641	0.8	2.8	**2.0**	0.11	0.16	*C70-72*
Thyroid	529	0.5	2.4	**1.4**	0.09	0.15	1518	1.9	6.6	**3.8**	0.28	0.41	*C73*
Adrenal gland	81	0.1	0.4	**0.5**	0.02	0.03	49	0.1	0.2	**0.3**	0.01	0.02	*C74*
Other endocrine	47	0.0	0.2	**0.3**	0.01	0.02	16	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	137	0.1	0.6	**0.4**	0.03	0.04	75	0.1	0.3	**0.3**	0.02	0.02	*C81*
Non-Hodgkin lymphoma	2573	2.3	11.8	**6.4**	0.32	0.67	2056	2.6	8.9	**4.1**	0.23	0.44	*C82-85,C96*
Immunoproliferative diseases	37	0.0	0.2	**0.1**	0.00	0.01	24	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	597	0.5	2.7	**1.3**	0.05	0.14	576	0.7	2.5	**0.9**	0.04	0.11	*C90*
Lymphoid leukaemia	536	0.5	2.5	**2.2**	0.12	0.17	447	0.6	1.9	**1.9**	0.10	0.14	*C91*
Myeloid leukaemia	1162	1.1	5.3	**3.2**	0.17	0.33	740	0.9	3.2	**2.1**	0.12	0.18	*C92-94*
Leukaemia unspecified	105	0.1	0.5	**0.3**	0.01	0.02	93	0.1	0.4	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	50	0.0	0.2	**0.1**	0.00	0.01	49	0.1	0.2	**0.1**	0.00	0.01	*MPD*
Myelodysplastic syndromes	573	0.5	2.6	**1.2**	0.04	0.12	301	0.4	1.3	**0.4**	0.01	0.04	*MDS*
Other and unspecified	1358	1.2	6.2	**3.2**	0.14	0.31	1453	1.9	6.3	**2.2**	0.10	0.21	*O&U*
All sites	110365		504.7	**244.3**	11.15	28.29	78582		339.2	**158.8**	9.55	17.14	*C00-96*
All sites except C44	109584	100.0	501.1	**242.6**	11.08	28.12	77902	100.0	336.3	**157.7**	9.51	17.03	*C00-96 exc. C44*

*See note following population pyramid

Japan, Saga Prefecture

REGISTRATION AREA

The Saga Prefectural Cancer Registry covers Saga Prefecture, which is located in southern Japan and has an area of 2439.65 km^2.

REGISTRY STRUCTURE AND METHODS

The Saga Cancer Survey was initiated in 1973 by the prefectural government in cooperation with the Saga Medical Association and was redesigned as the population-based Saga Cancer Registry in 1984. The registry has been located within the Saga General Health Association since 1998, and the prefectural government's Health and Welfare Head Office provides financial support. Case finding and data collection are carried out passively. The registry asks all medical institutions to voluntarily submit cancer case reports to the registry. Death certificate information from all local health authorities is transferred from the prefectural government to the registry monthly. Registry staff members also visit major hospitals to collect information on cancer cases. Resident case reports are exchanged between Saga and the neighbouring prefectures of Nagasaki and Fukuoka. Since 1992, all registered cases are coded using a unique automated system. Duplicate entries are identified through automatic linking of patient-related data. Reports of possible multiple primary tumours are carefully reviewed based on tumour site, histological type, and date of diagnosis. In 2011, a national standardized database system for regional cancer registration was established.

INTERPRETING THE RESULTS

The most striking cancer trend in Saga Prefecture is the extremely high mortality rate associated with liver cancer. Although much effort has been made to improve the accuracy and completeness of the registry's data, complete follow-up and detailed analysis of prognosis have not been performed.

USE OF THE DATA

The registry disseminates information on the nature and extent of the cancer burden in Saga Prefecture and provides statistical support to the prefecture's Cancer Prevention Project. The registry publishes an annual report on cancer incidence and mortality, and registry data have been used in several epidemiological studies.

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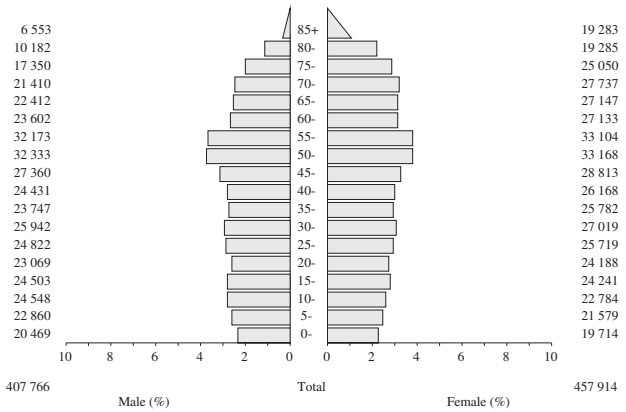
Japan, Saga Prefecture (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Japanese Center for Cancer Control and Information Services, the Japanese National Cancer Center, and the Japanese National Institute of Population and Social Security Research, based on estimates interpolated and extrapolated from 2001 and 2005 census data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	51.2	Breast	34.1
Trachea, bronchus and lung	40.7	Stomach	18.9
Liver	32.5	Colon	14.0
Prostate	24.1	Trachea, bronchus and lung	12.6
Colon	22.4	Liver	11.1
Rectum	14.9	Cervix uteri	8.9
Pancreas	10.5	Corpus uteri	6.6
Oesophagus	9.7	Ovary	6.4
Non-Hodgkin lymphoma	8.0	Rectum	6.1
Bladder	6.9	Pancreas	5.7
All sites	275.0	All sites	163.4

Japan, Saga Prefecture (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.0	0.1	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	63	0.5	3.1	**1.6**	0.10	0.19	38	0.4	1.7	**0.8**	0.06	0.09	*C01-02*
Mouth	53	0.4	2.6	**1.3**	0.07	0.14	47	0.5	2.1	**0.7**	0.04	0.06	*C03-06*
Salivary glands	18	0.1	0.9	**0.4**	0.02	0.05	15	0.2	0.7	**0.2**	0.02	0.02	*C07-08*
Tonsil	4	0.0	0.2	**0.1**	0.01	0.02	3	0.0	0.1	**0.0**	0.00	0.00	*C09*
Other oropharynx	38	0.3	1.9	**1.1**	0.08	0.14	6	0.1	0.3	**0.1**	0.01	0.02	*C10*
Nasopharynx	20	0.2	1.0	**0.6**	0.06	0.07	3	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	56	0.4	2.7	**1.2**	0.06	0.16	7	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	5	0.0	0.2	**0.1**	0.01	0.02	3	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	433	3.3	21.2	**9.7**	0.56	1.25	76	0.8	3.3	**1.3**	0.08	0.13	*C15*
Stomach	2463	19.0	120.8	**51.2**	2.38	6.23	1286	13.8	56.2	**18.9**	1.00	2.14	*C16*
Small intestine	41	0.3	2.0	**1.0**	0.07	0.11	26	0.3	1.1	**0.4**	0.02	0.04	*C17*
Colon	1091	8.4	53.5	**22.4**	1.04	2.65	1006	10.8	43.9	**14.0**	0.73	1.55	*C18*
Rectum	654	5.0	32.1	**14.9**	0.85	1.87	394	4.2	17.2	**6.1**	0.35	0.70	*C19-20*
Anus	11	0.1	0.5	**0.2**	0.01	0.02	9	0.1	0.4	**0.1**	0.00	0.01	*C21*
Liver	1484	11.4	72.8	**32.5**	1.69	4.17	881	9.4	38.5	**11.1**	0.33	1.42	*C22*
Gallbladder etc.	330	2.5	16.2	**5.9**	0.17	0.59	470	5.0	20.5	**5.1**	0.18	0.50	*C23-24*
Pancreas	513	4.0	25.2	**10.5**	0.52	1.24	463	5.0	20.2	**5.7**	0.26	0.60	*C25*
Nose, sinuses etc.	31	0.2	1.5	**0.7**	0.04	0.08	19	0.2	0.8	**0.4**	0.02	0.04	*C30-31*
Larynx	129	1.0	6.3	**2.9**	0.14	0.39	4	0.0	0.2	**0.1**	0.00	0.01	*C32*
Trachea, bronchus and lung	2182	16.8	107.0	**40.7**	1.45	4.66	896	9.6	39.1	**12.6**	0.61	1.46	*C33-34*
Other thoracic organs	38	0.3	1.9	**1.2**	0.08	0.11	19	0.2	0.8	**0.6**	0.05	0.06	*C37-38*
Bone	12	0.1	0.6	**0.4**	0.03	0.03	9	0.1	0.4	**0.2**	0.01	0.02	*C40-41*
Melanoma of skin	24	0.2	1.2	**0.5**	0.03	0.04	25	0.3	1.1	**0.5**	0.03	0.05	*C43*
Other skin	199		9.8	**4.0**	0.14	0.38	222		9.7	**2.4**	0.09	0.21	*C44*
Mesothelioma	40	0.3	2.0	**0.8**	0.04	0.09	17	0.2	0.7	**0.3**	0.02	0.03	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	26	0.2	1.3	**0.5**	0.03	0.06	25	0.3	1.1	**0.7**	0.05	0.06	*C47+C49*
Breast	8	0.1	0.4	**0.2**	0.01	0.03	1316	14.1	57.5	**34.1**	2.73	3.72	*C50*
Vulva							20	0.2	0.9	**0.3**	0.02	0.04	*C51*
Vagina							15	0.2	0.7	**0.2**	0.01	0.03	*C52*
Cervix uteri							317	3.4	13.8	**8.9**	0.71	0.85	*C53*
Corpus uteri							265	2.8	11.6	**6.6**	0.55	0.77	*C54*
Uterus unspecified							29	0.3	1.3	**0.4**	0.02	0.04	*C55*
Ovary							243	2.6	10.6	**6.4**	0.51	0.65	*C56*
Other female genital organs							11	0.1	0.5	**0.2**	0.01	0.04	*C57*
Placenta							1	0.0	0.0	**0.1**	0.00	0.00	*C58*
Penis	21	0.2	1.0	**0.4**	0.02	0.03							*C60*
Prostate	1328	10.2	65.1	**24.1**	0.61	3.00							*C61*
Testis	31	0.2	1.5	**1.6**	0.12	0.12							*C62*
Other male genital organs	15	0.1	0.7	**0.3**	0.01	0.04							*C63*
Kidney	219	1.7	10.7	**5.4**	0.36	0.64	117	1.3	5.1	**1.9**	0.09	0.22	*C64*
Renal pelvis	45	0.3	2.2	**0.9**	0.03	0.11	26	0.3	1.1	**0.3**	0.01	0.04	*C65*
Ureter	54	0.4	2.6	**1.0**	0.03	0.13	33	0.4	1.4	**0.3**	0.01	0.04	*C66*
Bladder	368	2.8	18.0	**6.9**	0.24	0.73	150	1.6	6.6	**1.7**	0.05	0.17	*C67*
Other urinary organs	7	0.1	0.3	**0.1**	0.01	0.01	11	0.1	0.5	**0.1**	0.00	0.02	*C68*
Eye	3	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	76	0.6	3.7	**2.4**	0.15	0.24	53	0.6	2.3	**1.5**	0.09	0.13	*C70-72*
Thyroid	52	0.4	2.6	**1.3**	0.07	0.14	128	1.4	5.6	**2.6**	0.18	0.30	*C73*
Adrenal gland	9	0.1	0.4	**0.7**	0.04	0.04	4	0.0	0.2	**0.4**	0.02	0.02	*C74*
Other endocrine	5	0.0	0.2	**0.3**	0.02	0.02	2	0.0	0.1	**0.0**	0.00	0.01	*C75*
Hodgkin lymphoma	17	0.1	0.8	**0.7**	0.04	0.07	9	0.1	0.4	**0.5**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	342	2.6	16.8	**8.0**	0.42	0.87	278	3.0	12.1	**5.0**	0.30	0.52	*C82-85,C96*
Immunoproliferative diseases	8	0.1	0.4	**0.2**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	92	0.7	4.5	**1.8**	0.07	0.18	104	1.1	4.5	**1.4**	0.06	0.16	*C90*
Lymphoid leukaemia	146	1.1	7.2	**4.4**	0.26	0.46	100	1.1	4.4	**2.8**	0.16	0.26	*C91*
Myeloid leukaemia	148	1.1	7.3	**3.8**	0.21	0.41	106	1.1	4.6	**2.3**	0.15	0.23	*C92-94*
Leukaemia unspecified	4	0.0	0.2	**0.1**	0.01	0.01	6	0.1	0.3	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	88	0.7	4.3	**1.5**	0.04	0.15	82	0.9	3.6	**1.0**	0.03	0.11	*MDS*
Other and unspecified	122	0.9	6.0	**2.4**	0.09	0.25	155	1.7	6.8	**1.9**	0.08	0.20	*O&U*
All sites	13168		645.9	**275.0**	12.54	32.50	9552		417.2	**163.4**	9.80	17.86	*C00-96*
All sites except C44	12969	100.0	636.1	**271.0**	12.41	32.12	9330	100.0	407.5	**161.1**	9.72	17.65	*C00-96 exc. C44*

Republic of Korea

REGISTRATION AREA

The Korea Central Cancer Registry (KCCR) covers the Republic of Korea in East Asia. In 2005, the population was 4.8 million, with 9.1% aged more than 65 years. The country's population density (493 residents/km^2) is one of the highest in the world. Due to rapid urbanization, 90% of the population is classified as urban. Most residents are ethnic Koreans, and the national language is Korean.

CANCER CARE FACILITIES

All residents are covered by the National Health Insurance system, and national cancer control programmes have been in place since 1996. In 2005, 1000 of the country's 1500 teaching hospitals and general hospitals provided specialized cancer diagnostic and therapeutic services, and 2500 of the country's 26 000 private clinics provided general cancer care services.

REGISTRY STRUCTURE AND METHODS

The KCCR began as a hospital-based nationwide cancer registry, initiated by the Ministry of Health and Welfare in 1980. The registry is located within the Division of Cancer Registration and Surveillance at the Republic of Korea's National Cancer Center. There are also 11 population-based regional cancer registries in the country. The KCCR is responsible for collecting and managing nationwide cancer registry data, providing technical and financial support to the regional cancer registries, providing training for cancer registrars, and providing annual nationwide cancer statistics. Incident cancer cases are passively reported to the KCCR by more than 180 voluntarily participating hospitals, and medical records on potential cancer cases identified from the National Health Insurance data are actively reviewed. Vital status is obtained by linking the incidence records with death certificate data. The Cancer Act provides the legal basis for cancer registration. The KCCR is staffed by four full-time faculty members, a physician, a data manager, six statisticians, and eight cancer registrars. Financial support is provided by the government.

USE OF THE DATA

The KCCR publishes the *Annual Report of Cancer Statistics in Korea* and contributes to several scientific journal articles on cancer statistics and short-term predictions every year. Statistics tables and aggregated registry data are provided to policy-makers and cancer researchers upon request.

CONTRIBUTORS

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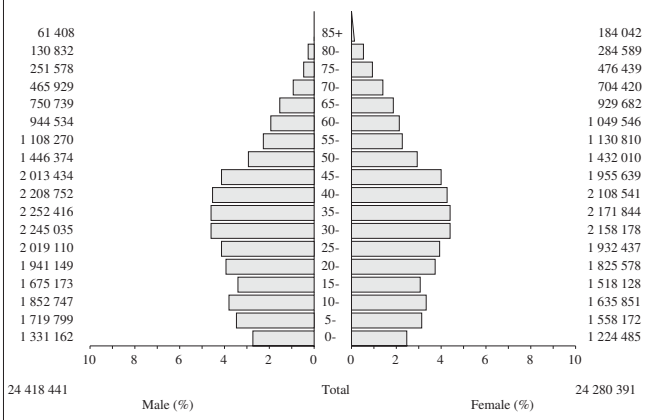
Republic of Korea (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by Statistics Korea, based on the 2005 census, making allowances for births and deaths (but not migration).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	64.6	Thyroid	37.4
Trachea, bronchus and lung	49.8	Breast	31.6
Liver	41.3	Stomach	25.4
Colon	21.2	Trachea, bronchus and lung	13.4
Rectum	19.5	Cervix uteri	12.5
Prostate	16.5	Colon	12.4
Bladder	9.6	Liver	11.2
Gallbladder etc.	8.2	Rectum	10.2
Pancreas	8.0	Gallbladder etc.	5.7
Oesophagus	7.4	Ovary	5.4
All sites	306.1	All sites	206.5

Republic of Korea (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	127	0.0	0.1	**0.1**	0.01	0.01	64	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	1422	0.4	1.2	**1.1**	0.07	0.13	695	0.2	0.6	**0.4**	0.03	0.05	*C01-02*
Mouth	1404	0.4	1.1	**1.1**	0.06	0.14	658	0.2	0.5	**0.4**	0.02	0.05	*C03-06*
Salivary glands	905	0.2	0.7	**0.7**	0.04	0.08	683	0.2	0.6	**0.4**	0.03	0.04	*C07-08*
Tonsil	966	0.2	0.8	**0.7**	0.05	0.09	175	0.1	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	340	0.1	0.3	**0.3**	0.02	0.04	40	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	1315	0.3	1.1	**0.9**	0.07	0.11	466	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	1592	0.4	1.3	**1.3**	0.06	0.17	109	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	139	0.0	0.1	**0.1**	0.01	0.01	33	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	9203	2.4	7.5	**7.4**	0.35	0.99	884	0.3	0.7	**0.5**	0.02	0.05	*C15*
Stomach	84325	21.7	69.1	**64.6**	3.64	8.00	42641	13.0	35.1	**25.4**	1.49	2.95	*C16*
Small intestine	1379	0.4	1.1	**1.0**	0.06	0.12	1028	0.3	0.8	**0.6**	0.04	0.08	*C17*
Colon	27218	7.0	22.3	**21.2**	1.13	2.63	20732	6.3	17.1	**12.4**	0.72	1.49	*C18*
Rectum	25382	6.5	20.8	**19.5**	1.14	2.43	16848	5.1	13.9	**10.2**	0.63	1.23	*C19-20*
Anus	450	0.1	0.4	**0.4**	0.02	0.04	482	0.1	0.4	**0.3**	0.02	0.03	*C21*
Liver	55652	14.3	45.6	**41.3**	2.82	4.94	18479	5.6	15.2	**11.2**	0.67	1.36	*C22*
Gallbladder etc.	10071	2.6	8.2	**8.2**	0.34	0.95	10085	3.1	8.3	**5.7**	0.25	0.67	*C23-24*
Pancreas	10127	2.6	8.3	**8.0**	0.39	0.97	8081	2.5	6.7	**4.6**	0.20	0.55	*C25*
Nose, sinuses etc.	904	0.2	0.7	**0.7**	0.04	0.08	560	0.2	0.5	**0.3**	0.02	0.04	*C30-31*
Larynx	5113	1.3	4.2	**4.1**	0.21	0.53	408	0.1	0.3	**0.2**	0.01	0.03	*C32*
Trachea, bronchus and lung	61462	15.8	50.3	**49.8**	1.95	6.19	23322	7.1	19.2	**13.4**	0.63	1.52	*C33-34*
Other thoracic organs	1195	0.3	1.0	**0.9**	0.05	0.10	697	0.2	0.6	**0.5**	0.03	0.05	*C37-38*
Bone	1220	0.3	1.0	**1.0**	0.06	0.08	996	0.3	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	881	0.2	0.7	**0.7**	0.04	0.08	872	0.3	0.7	**0.5**	0.03	0.06	*C43*
Other skin	4253		3.5	**3.4**	0.15	0.38	5509		4.5	**3.1**	0.13	0.33	*C44*
Mesothelioma	252	0.1	0.2	**0.2**	0.01	0.02	144	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	138	0.0	0.1	**0.1**	0.00	0.01	33	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	2014	0.5	1.6	**1.6**	0.09	0.16	1621	0.5	1.3	**1.2**	0.07	0.11	*C47+C49*
Breast	250	0.1	0.2	**0.2**	0.01	0.02	50300	15.3	41.4	**31.6**	2.70	3.20	*C50*
Vulva							426	0.1	0.4	**0.3**	0.01	0.03	*C51*
Vagina							295	0.1	0.2	**0.2**	0.01	0.02	*C52*
Cervix uteri							20234	6.2	16.7	**12.5**	0.95	1.34	*C53*
Corpus uteri							6071	1.9	5.0	**3.9**	0.34	0.42	*C54*
Uterus unspecified							567	0.2	0.5	**0.3**	0.02	0.03	*C55*
Ovary							8243	2.5	6.8	**5.4**	0.40	0.55	*C56*
Other female genital organs							262	0.1	0.2	**0.2**	0.01	0.02	*C57*
Placenta							271	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	282	0.1	0.2	**0.2**	0.01	0.02							*C60*
Prostate	19678	5.1	16.1	**16.5**	0.47	2.01							*C61*
Testis	823	0.2	0.7	**0.6**	0.04	0.04							*C62*
Other male genital organs	192	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	8154	2.1	6.7	**6.1**	0.40	0.72	3794	1.2	3.1	**2.5**	0.16	0.28	*C64*
Renal pelvis	841	0.2	0.7	**0.7**	0.03	0.08	331	0.1	0.3	**0.2**	0.01	0.02	*C65*
Ureter	866	0.2	0.7	**0.7**	0.03	0.09	457	0.1	0.4	**0.3**	0.01	0.03	*C66*
Bladder	11962	3.1	9.8	**9.6**	0.42	1.12	3000	0.9	2.5	**1.7**	0.07	0.19	*C67*
Other urinary organs	182	0.0	0.1	**0.1**	0.01	0.02	126	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	272	0.1	0.2	**0.3**	0.02	0.02	243	0.1	0.2	**0.3**	0.01	0.02	*C69*
Brain, nervous system	4084	1.1	3.3	**3.3**	0.20	0.31	3673	1.1	3.0	**2.7**	0.16	0.25	*C70-72*
Thyroid	9699	2.5	7.9	**6.4**	0.51	0.66	58098	17.7	47.9	**37.4**	3.17	3.67	*C73*
Adrenal gland	351	0.1	0.3	**0.4**	0.02	0.03	291	0.1	0.2	**0.3**	0.02	0.02	*C74*
Other endocrine	287	0.1	0.2	**0.3**	0.02	0.02	162	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	597	0.2	0.5	**0.5**	0.03	0.04	298	0.1	0.2	**0.2**	0.01	0.02	*C81*
Non-Hodgkin lymphoma	8645	2.2	7.1	**6.6**	0.40	0.71	6519	2.0	5.4	**4.2**	0.28	0.46	*C82-85,C96*
Immunoproliferative diseases	49	0.0	0.0	**0.0**	0.00	0.00	7	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	1935	0.5	1.6	**1.5**	0.08	0.19	1788	0.5	1.5	**1.1**	0.06	0.15	*C90*
Lymphoid leukaemia	1604	0.4	1.3	**1.7**	0.09	0.11	1231	0.4	1.0	**1.3**	0.07	0.09	*C91*
Myeloid leukaemia	4111	1.1	3.4	**3.2**	0.20	0.31	3275	1.0	2.7	**2.3**	0.16	0.22	*C92-94*
Leukaemia unspecified	862	0.2	0.7	**0.7**	0.03	0.07	751	0.2	0.6	**0.5**	0.02	0.04	*C95*
Myeloproliferative disorders	1129	0.3	0.9	**0.8**	0.05	0.10	891	0.3	0.7	**0.6**	0.04	0.07	*MPD*
Myelodysplastic syndromes	1368	0.4	1.1	**1.1**	0.05	0.12	918	0.3	0.8	**0.6**	0.04	0.07	*MDS*
Other and unspecified	5014	1.3	4.1	**4.1**	0.16	0.45	4474	1.4	3.7	**2.6**	0.11	0.26	*O&U*
All sites	392686		321.6	**306.1**	16.16	36.76	333341		274.6	**206.5**	14.01	22.31	*C00-96*
All sites except C44	388433	100.0	318.1	**302.7**	16.01	36.38	327832	100.0	270.0	**203.4**	13.88	21.98	*C00-96 exc. C44*

§Includes 5 cases of unknown age

Republic of Korea, Busan

REGISTRATION AREA

The Busan Cancer Registry (BSCR) covers the metropolitan city of Busan (with an area of 531.2 km^2) on the south-eastern tip of the Korean Peninsula. In 2005, the population of Busan was approximately 3.6 million (99.6% ethnic Korean).

CANCER CARE FACILITIES

In 2010, there were about 150 hospitals in Busan: four university hospitals, 20 cancer-reporting general hospitals, and about 120 other small and medium-sized hospitals.

REGISTRY STRUCTURE AND METHODS

The BSCR was established in 1995 in cooperation with the cancer centres of four university hospitals, and is administratively supported by the Busan Metropolitan Government and the city's medical association. The national cancer control programme provides financial support, and the Korea Central Cancer Registry (KCCR) provides technical support. There are 24 hospitals in Busan that report all inpatient cases and some outpatient cases directly to the KCCR, and the KCCR annually sends the BSCR all information on cancer patients with a Busan address at the time of diagnosis. Additional cancer cases from outpatient clinics are identified from the records of hospitals' anatomical pathology, diagnostic radiology, and radiation oncology departments. An additional 120 small and medium-sized hospitals cooperate with the BSCR. Two part-time medical officers visit these hospitals, collect the medical records of newly diagnosed cancer patients, and register the cases. These registrations are then reviewed by other registry personnel.

INTERPRETING THE RESULTS

There are organized screening programmes for breast, cervical, colorectal, gastric, and liver cancers.

USE OF THE DATA

The BSCR holds an annual conference to report and discuss cancer registration activities in Busan. The registry also publishes a biennial report that provides basic statistics on cancer incidence that may be helpful for the evaluation of local cancer management programmes.

CONTRIBUTORS

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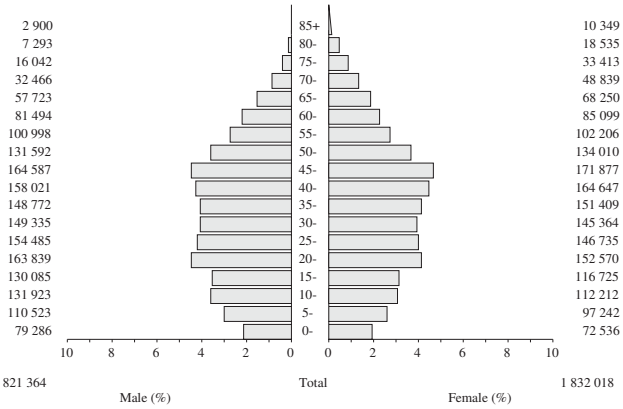
Republic of Korea, Busan (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by Statistics Korea, based on the 2005 census, making allowances for births and deaths (but not migration).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	61.9	Breast	30.5
Liver	48.7	Thyroid	26.1
Trachea, bronchus and lung	47.1	Stomach	25.9
Colon	19.4	Cervix uteri	13.3
Rectum	17.3	Liver	13.1
Prostate	15.2	Trachea, bronchus and lung	12.9
Bladder	11.0	Colon	11.5
Gallbladder etc.	9.1	Rectum	9.2
Pancreas	7.8	Gallbladder etc.	7.5
Oesophagus	7.3	Ovary	5.7
All sites	300.1	All sites	195.0

Republic of Korea, Busan (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	4	0.0	0.0	**0.0**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	113	0.4	1.2	**1.0**	0.08	0.12	55	0.2	0.6	**0.4**	0.03	0.05	*C01-02*
Mouth	103	0.4	1.1	**1.0**	0.06	0.12	53	0.2	0.6	**0.4**	0.03	0.04	*C03-06*
Salivary glands	58	0.2	0.6	**0.6**	0.03	0.07	55	0.2	0.6	**0.5**	0.04	0.04	*C07-08*
Tonsil	64	0.2	0.7	**0.7**	0.04	0.07	14	0.1	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	26	0.1	0.3	**0.3**	0.02	0.03	5	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	100	0.3	1.1	**0.9**	0.07	0.11	44	0.2	0.5	**0.4**	0.03	0.04	*C11*
Hypopharynx	122	0.4	1.3	**1.3**	0.06	0.16	15	0.1	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	15	0.1	0.2	**0.2**	0.01	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	700	2.4	7.7	**7.3**	0.34	0.94	78	0.3	0.9	**0.6**	0.03	0.05	*C15*
Stomach	6343	21.7	69.7	**61.9**	3.57	7.54	3332	13.7	36.4	**25.9**	1.54	2.92	*C16*
Small intestine	103	0.4	1.1	**1.0**	0.06	0.11	65	0.3	0.7	**0.5**	0.03	0.06	*C17*
Colon	1897	6.5	20.8	**19.4**	0.97	2.30	1465	6.0	16.0	**11.5**	0.64	1.35	*C18*
Rectum	1777	6.1	19.5	**17.3**	1.02	2.16	1170	4.8	12.8	**9.2**	0.58	1.08	*C19-20*
Anus	29	0.1	0.3	**0.3**	0.02	0.03	31	0.1	0.3	**0.2**	0.01	0.03	*C21*
Liver	5176	17.7	56.8	**48.7**	3.21	5.66	1667	6.9	18.2	**13.1**	0.71	1.57	*C22*
Gallbladder etc.	855	2.9	9.4	**9.1**	0.39	1.11	967	4.0	10.6	**7.5**	0.31	0.88	*C23-24*
Pancreas	761	2.6	8.4	**7.8**	0.37	0.97	575	2.4	6.3	**4.4**	0.18	0.52	*C25*
Nose, sinuses etc.	77	0.3	0.8	**0.7**	0.05	0.07	48	0.2	0.5	**0.4**	0.02	0.04	*C30-31*
Larynx	408	1.4	4.5	**4.2**	0.20	0.56	33	0.1	0.4	**0.2**	0.01	0.03	*C32*
Trachea, bronchus and lung	4335	14.8	47.6	**47.1**	1.82	5.78	1686	7.0	18.4	**12.9**	0.55	1.40	*C33-34*
Other thoracic organs	99	0.3	1.1	**1.1**	0.06	0.11	60	0.2	0.7	**0.5**	0.03	0.05	*C37-38*
Bone	88	0.3	1.0	**0.9**	0.05	0.08	74	0.3	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	56	0.2	0.6	**0.5**	0.03	0.06	59	0.2	0.6	**0.5**	0.03	0.05	*C43*
Other skin	297		3.3	**3.1**	0.14	0.35	334		3.6	**2.6**	0.12	0.26	*C44*
Mesothelioma	18	0.1	0.2	**0.2**	0.01	0.02	11	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	5	0.0	0.1	**0.1**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	155	0.5	1.7	**1.6**	0.09	0.15	119	0.5	1.3	**1.2**	0.08	0.10	*C47+C49*
Breast	21	0.1	0.2	**0.2**	0.01	0.02	3953	16.3	43.2	**30.5**	2.60	3.13	*C50*
Vulva							24	0.1	0.3	**0.2**	0.01	0.02	*C51*
Vagina							15	0.1	0.2	**0.1**	0.01	0.02	*C52*
Cervix uteri							1704	7.0	18.6	**13.3**	0.99	1.43	*C53*
Corpus uteri							481	2.0	5.3	**3.7**	0.33	0.40	*C54*
Uterus unspecified							52	0.2	0.6	**0.4**	0.03	0.04	*C55*
Ovary							692	2.9	7.6	**5.7**	0.40	0.58	*C56*
Other female genital organs							32	0.1	0.3	**0.2**	0.02	0.03	*C57*
Placenta							31	0.1	0.3	**0.3**	0.02	0.02	*C58*
Penis	24	0.1	0.3	**0.3**	0.01	0.02							*C60*
Prostate	1294	4.4	14.2	**15.2**	0.39	1.83							*C61*
Testis	53	0.2	0.6	**0.6**	0.04	0.04							*C62*
Other male genital organs	16	0.1	0.2	**0.2**	0.01	0.02							*C63*
Kidney	642	2.2	7.0	**6.2**	0.38	0.74	340	1.4	3.7	**2.9**	0.17	0.33	*C64*
Renal pelvis	51	0.2	0.6	**0.5**	0.03	0.05	34	0.1	0.4	**0.3**	0.01	0.03	*C65*
Ureter	84	0.3	0.9	**0.9**	0.05	0.10	43	0.2	0.5	**0.3**	0.01	0.04	*C66*
Bladder	1016	3.5	11.2	**11.0**	0.44	1.23	251	1.0	2.7	**1.9**	0.08	0.20	*C67*
Other urinary organs	23	0.1	0.3	**0.2**	0.01	0.02	12	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	16	0.1	0.2	**0.3**	0.02	0.02	10	0.0	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	302	1.0	3.3	**3.1**	0.20	0.32	277	1.1	3.0	**2.6**	0.15	0.25	*C70-72*
Thyroid	476	1.6	5.2	**4.2**	0.31	0.44	3234	13.3	35.3	**26.1**	2.17	2.56	*C73*
Adrenal gland	29	0.1	0.3	**0.5**	0.03	0.03	22	0.1	0.2	**0.3**	0.02	0.02	*C74*
Other endocrine	14	0.0	0.2	**0.2**	0.01	0.01	11	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	41	0.1	0.5	**0.4**	0.03	0.04	22	0.1	0.2	**0.2**	0.01	0.02	*C81*
Non-Hodgkin lymphoma	585	2.0	6.4	**5.9**	0.36	0.59	425	1.8	4.6	**3.5**	0.25	0.40	*C82-85,C96*
Immunoproliferative diseases	3	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	124	0.4	1.4	**1.3**	0.06	0.16	114	0.5	1.2	**0.9**	0.05	0.12	*C90*
Lymphoid leukaemia	99	0.3	1.1	**1.5**	0.08	0.09	92	0.4	1.0	**1.5**	0.08	0.09	*C91*
Myeloid leukaemia	289	1.0	3.2	**2.9**	0.19	0.28	202	0.8	2.2	**2.0**	0.12	0.18	*C92-94*
Leukaemia unspecified	46	0.2	0.5	**0.6**	0.02	0.05	34	0.1	0.4	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	58	0.2	0.6	**0.6**	0.03	0.06	49	0.2	0.5	**0.4**	0.03	0.04	*MPD*
Myelodysplastic syndromes	94	0.3	1.0	**1.0**	0.06	0.11	65	0.3	0.7	**0.5**	0.03	0.06	*MDS*
Other and unspecified	365	1.2	4.0	**4.1**	0.16	0.46	328	1.4	3.6	**2.5**	0.10	0.24	*O&U*
All sites	29549		324.5	**300.1**	15.69	35.46	24569		268.2	**195.0**	12.79	20.99	*C00-96*
All sites except C44	29252	100.0	321.2	**296.9**	15.54	35.11	24235	100.0	264.6	**192.4**	12.67	20.73	*C00-96 exc. C44*

Republic of Korea, Daegu

REGISTRATION AREA

The Daegu Cancer Registry (DCR) covers the urban, extended metropolitan city of Daegu in the south-east of the Republic of Korea. The city has an area of 885.56 km^2 and is surrounded by mountains, which provide a well-defined geographical border. The climate is characterized by large temperature differences between summer and winter.

REGISTRY STRUCTURE AND METHODS

The DCR has been registering incident cancer cases since 1997. It is located in the Daegu-Gyeongbuk Regional Cancer Center within Kyungpook National University Hospital and is staffed by two physicians and a medical records technician. The DCR works closely with the Korea Central Cancer Registry (KCCR), which classifies all malignant neoplasms according to ICD-O-3. To improve the completeness of the nationwide data, several information sources are used: national death certification data from Statistics Korea, medical claims data from the National Health Insurance Corporation (NHIC), and additional medical record reviews. The list of KCCR-registered cases and a list of cancer cases from claims made through the NHIC within each region are sent to the regional registries to find missing cases. The regional registries collect data both passively and actively. The KCCR also sends the DCR lists of patients with suspected cancers in non-KCCR-registered Daegu hospitals, and the DCR medical records technician visits each non-registered hospital to identify cancer cases in the medical records. The KCCR collects reports from KCCR-registered hospitals directly and receives data on patients in non-registered hospitals from the DCR. A database of cancer patients in Daegu is compiled by the KCCR (after checking for duplicates) and sent to the DCR. The DCR then uses these data to determine annual cancer incidence rates in Daegu. The DCR also records vital status when the information is available, for example from medical records, death certificates, or official cancer mortality data.

CONTRIBUTORS

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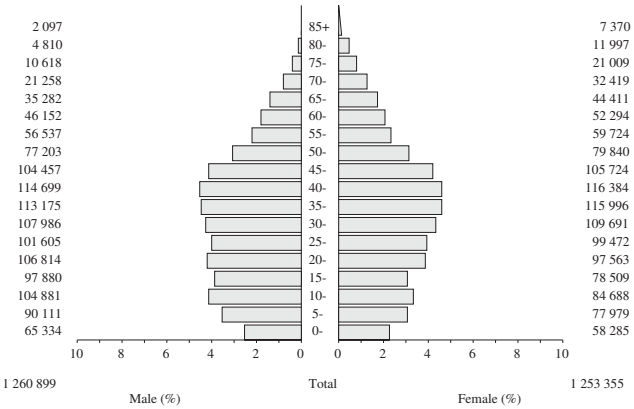
Republic of Korea, Daegu (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by Statistics Korea, based on the 2005 census, making allowances for births and deaths (but not migration).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	64.2	Thyroid	47.8
Trachea, bronchus and lung	51.4	Breast	31.7
Liver	43.1	Stomach	27.1
Colon	21.9	Trachea, bronchus and lung	14.1
Rectum	19.5	Cervix uteri	12.5
Prostate	15.0	Colon	12.1
Gallbladder etc.	10.0	Liver	11.2
Bladder	9.2	Rectum	10.7
Pancreas	7.8	Gallbladder etc.	7.2
Oesophagus	7.7	Ovary	5.7
All sites	310.8	All sites	221.1

Republic of Korea, Daegu (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	5	0.0	0.1	**0.1**	0.00	0.01	5	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	64	0.3	1.0	**0.9**	0.07	0.13	31	0.2	0.5	**0.4**	0.03	0.05	*C01-02*
Mouth	74	0.4	1.2	**1.2**	0.07	0.14	44	0.2	0.7	**0.5**	0.03	0.05	*C03-06*
Salivary glands	40	0.2	0.6	**0.6**	0.03	0.07	19	0.1	0.3	**0.2**	0.01	0.03	*C07-08*
Tonsil	45	0.2	0.7	**0.7**	0.04	0.09	13	0.1	0.2	**0.2**	0.02	0.02	*C09*
Other oropharynx	10	0.1	0.2	**0.2**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	52	0.3	0.8	**0.7**	0.06	0.09	19	0.1	0.3	**0.2**	0.02	0.03	*C11*
Hypopharynx	85	0.5	1.3	**1.4**	0.07	0.19	3	0.0	0.0	**0.0**	0.01	0.01	*C12-13*
Pharynx unspecified	8	0.0	0.1	**0.2**	0.01	0.02	2	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	449	2.4	7.1	**7.7**	0.38	1.01	47	0.3	0.7	**0.6**	0.02	0.07	*C15*
Stomach	4061	21.6	64.4	**64.2**	3.74	7.91	2212	12.5	35.3	**27.1**	1.63	3.19	*C16*
Small intestine	67	0.4	1.1	**1.1**	0.06	0.12	64	0.4	1.0	**0.8**	0.06	0.08	*C17*
Colon	1351	7.2	21.4	**21.9**	1.22	2.72	995	5.6	15.9	**12.1**	0.67	1.41	*C18*
Rectum	1204	6.4	19.1	**19.5**	1.11	2.43	876	4.9	14.0	**10.7**	0.61	1.28	*C19-20*
Anus	24	0.1	0.4	**0.4**	0.02	0.05	21	0.1	0.3	**0.3**	0.02	0.03	*C21*
Liver	2830	15.1	44.9	**43.1**	2.92	4.92	908	5.1	14.5	**11.2**	0.62	1.34	*C22*
Gallbladder etc.	568	3.0	9.0	**10.0**	0.37	1.15	601	3.4	9.6	**7.2**	0.30	0.82	*C23-24*
Pancreas	453	2.4	7.2	**7.8**	0.40	0.92	378	2.1	6.0	**4.6**	0.22	0.53	*C25*
Nose, sinuses etc.	39	0.2	0.6	**0.6**	0.04	0.07	32	0.2	0.5	**0.4**	0.02	0.05	*C30-31*
Larynx	271	1.4	4.3	**4.6**	0.24	0.61	21	0.1	0.3	**0.2**	0.01	0.01	*C32*
Trachea, bronchus and lung	2937	15.6	46.6	**51.4**	2.03	6.42	1172	6.6	18.7	**14.1**	0.60	1.54	*C33-34*
Other thoracic organs	57	0.3	0.9	**0.9**	0.05	0.09	30	0.2	0.5	**0.4**	0.03	0.04	*C37-38*
Bone	69	0.4	1.1	**1.1**	0.07	0.09	62	0.3	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	39	0.2	0.6	**0.6**	0.03	0.08	43	0.2	0.7	**0.5**	0.03	0.06	*C43*
Other skin	230		3.6	**3.8**	0.18	0.41	277		4.4	**3.4**	0.14	0.38	*C44*
Mesothelioma	9	0.0	0.1	**0.1**	0.01	0.02	8	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	3	0.0	0.0	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	106	0.6	1.7	**1.7**	0.10	0.17	94	0.5	1.5	**1.3**	0.09	0.13	*C47+C49*
Breast	19	0.1	0.3	**0.3**	0.01	0.03	2670	15.0	42.6	**31.7**	2.67	3.25	*C50*
Vulva							17	0.1	0.3	**0.2**	0.01	0.02	*C51*
Vagina							24	0.1	0.4	**0.3**	0.02	0.03	*C52*
Cervix uteri							1037	5.8	16.5	**12.5**	0.93	1.38	*C53*
Corpus uteri							254	1.4	4.1	**3.1**	0.28	0.33	*C54*
Uterus unspecified							17	0.1	0.3	**0.2**	0.01	0.02	*C55*
Ovary							445	2.5	7.1	**5.7**	0.43	0.57	*C56*
Other female genital organs							18	0.1	0.3	**0.2**	0.01	0.02	*C57*
Placenta							11	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	11	0.1	0.2	**0.2**	0.00	0.02							*C60*
Prostate	795	4.2	12.6	**15.0**	0.39	1.78							*C61*
Testis	45	0.2	0.7	**0.7**	0.05	0.05							*C62*
Other male genital organs	15	0.1	0.2	**0.2**	0.02	0.04							*C63*
Kidney	411	2.2	6.5	**6.4**	0.42	0.73	219	1.2	3.5	**2.8**	0.16	0.32	*C64*
Renal pelvis	40	0.2	0.6	**0.7**	0.03	0.07	16	0.1	0.3	**0.2**	0.01	0.02	*C65*
Ureter	38	0.2	0.6	**0.7**	0.02	0.10	16	0.1	0.3	**0.2**	0.01	0.02	*C66*
Bladder	534	2.8	8.5	**9.2**	0.38	1.11	141	0.8	2.2	**1.7**	0.05	0.19	*C67*
Other urinary organs	7	0.0	0.1	**0.1**	0.01	0.01	5	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	13	0.1	0.2	**0.3**	0.02	0.02	11	0.1	0.2	**0.2**	0.01	0.02	*C69*
Brain, nervous system	209	1.1	3.3	**3.4**	0.20	0.29	168	0.9	2.7	**2.3**	0.14	0.21	*C70-72*
Thyroid	481	2.6	7.6	**6.5**	0.50	0.70	3941	22.2	62.9	**47.8**	4.05	4.67	*C73*
Adrenal gland	16	0.1	0.3	**0.3**	0.02	0.02	14	0.1	0.2	**0.4**	0.02	0.02	*C74*
Other endocrine	9	0.0	0.1	**0.1**	0.01	0.01	4	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	35	0.2	0.6	**0.5**	0.03	0.05	14	0.1	0.2	**0.2**	0.02	0.02	*C81*
Non-Hodgkin lymphoma	427	2.3	6.8	**6.8**	0.42	0.72	360	2.0	5.7	**4.8**	0.31	0.51	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	74	0.4	1.2	**1.2**	0.06	0.15	79	0.4	1.3	**1.0**	0.05	0.14	*C90*
Lymphoid leukaemia	74	0.4	1.2	**1.5**	0.08	0.10	52	0.3	0.8	**1.0**	0.05	0.07	*C91*
Myeloid leukaemia	174	0.9	2.8	**2.7**	0.16	0.25	159	0.9	2.5	**2.2**	0.15	0.21	*C92-94*
Leukaemia unspecified	56	0.3	0.9	**1.0**	0.05	0.09	31	0.2	0.5	**0.5**	0.03	0.04	*C95*
Myeloproliferative disorders	31	0.2	0.5	**0.5**	0.03	0.05	43	0.2	0.7	**0.6**	0.04	0.07	*MPD*
Myelodysplastic syndromes	69	0.4	1.1	**1.2**	0.05	0.13	44	0.2	0.7	**0.6**	0.03	0.07	*MDS*
Other and unspecified	268	1.4	4.3	**4.7**	0.20	0.53	234	1.3	3.7	**2.9**	0.13	0.30	*O&U*
All sites	19003		301.4	**310.8**	16.51	37.00	18022		287.6	**221.1**	14.90	23.81	*C00-96*
All sites except C44	18773	100.0	297.8	**307.0**	16.33	36.59	17745	100.0	283.2	**217.8**	14.76	23.44	*C00-96 exc. C44*

Republic of Korea, Daejeon

REGISTRATION AREA

The Daejeon Cancer Registry (DJCR) covers the metropolitan city of Daejeon in the centre of the Republic of Korea, 167.3 km from Seoul, 294 km from Busan, and 169 km from Gwangju. The city originally developed from farms and houses among the hillsides and valleys of the four mountains that surround Daejeon and along the three streams that run through it. Daejeon has an area of 540 km^2 and is the fifth largest city in the Republic of Korea, with a population of 1.5 million in 2007.

CANCER CARE FACILITIES

Both the public and private sectors provide cancer-related services in this region. In 2007, secondary and tertiary medical care was provided by nine general hospitals and 20 other hospitals. The DJCR cooperates with six hospitals that also participate in the national registry, and with many hospitals that do not.

REGISTRY STRUCTURE AND METHODS

The DJCR has been in operation since 1998. It is located in the Daejeon Regional Cancer Center within Chungnam National University Hospital and is staffed by a physician and three full-time registrars. The DJCR is responsible for collecting, analysing, and managing Daejeon cancer statistics and for analysing and summarizing data from Daejeon cancer registries. The data sources used to estimate cancer incidence in Daejeon are the DJCR database, the Korea Central Cancer Registry (KCCR) database, additional medical record reviews, and cancer mortality data from Statistics Korea – for identifying death-certificate-only (DCO) cases.

INTERPRETING THE RESULTS

In an effort to improve the quality of the KCCR data, an evaluation of data completeness was conducted for the cases diagnosed during 1999–2007, using the flow method developed by Bullard et al. (2000).

USE OF THE DATA

The registry publishes an annual report on cancer incidence, highlighting trends and changes. Special studies of cancer survival are also carried out using registry data, and registry data are essential for evaluating various cancer control programmes in Daejeon, including the National Cancer Screening Program.

CONTRIBUTORS

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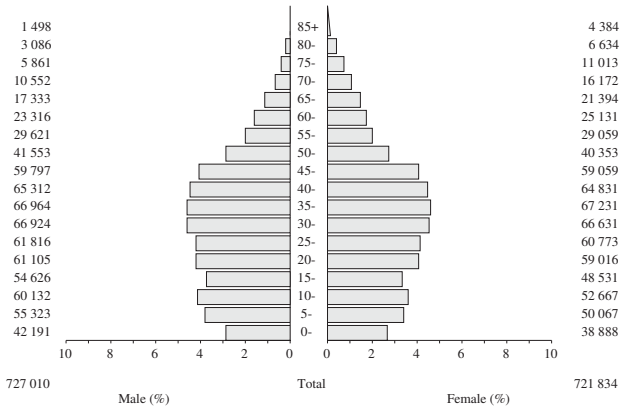
Republic of Korea, Daejeon (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by Statistics Korea, based on the 2005 census, making allowances for births and deaths (but not migration).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	75.4	Thyroid	53.2
Trachea, bronchus and lung	46.6	Breast	35.4
Liver	35.0	Stomach	27.6
Colon	24.0	Cervix uteri	14.4
Rectum	21.7	Colon	12.9
Prostate	17.8	Trachea, bronchus and lung	12.6
Bladder	9.1	Rectum	11.7
Pancreas	8.1	Liver	10.4
Non-Hodgkin lymphoma	7.1	Gallbladder etc.	5.2
Gallbladder etc.	7.1	Ovary	5.2
All sites	311.8	All sites	230.0

Republic of Korea, Daejeon (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	2	0.0	0.1	**0.1**	0.00	0.00	2	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	38	0.4	1.0	**1.0**	0.05	0.11	18	0.2	0.5	**0.5**	0.03	0.04	*C01-02*
Mouth	31	0.3	0.9	**0.9**	0.05	0.11	15	0.2	0.4	**0.3**	0.01	0.04	*C03-06*
Salivary glands	23	0.2	0.6	**0.7**	0.04	0.10	20	0.2	0.6	**0.5**	0.03	0.05	*C07-08*
Tonsil	18	0.2	0.5	**0.5**	0.03	0.05	3	0.0	0.1	**0.1**	0.00	0.01	*C09*
Other oropharynx	9	0.1	0.2	**0.3**	0.01	0.04	3	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	35	0.3	1.0	**0.9**	0.07	0.11	7	0.1	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	27	0.3	0.7	**0.9**	0.04	0.11	3	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	4	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	201	2.0	5.5	**6.5**	0.30	0.81	29	0.3	0.8	**0.7**	0.02	0.06	*C15*
Stomach	2535	25.1	69.7	**75.4**	4.42	9.34	1188	12.1	32.9	**27.6**	1.62	3.17	*C16*
Small intestine	42	0.4	1.2	**1.3**	0.06	0.19	33	0.3	0.9	**0.8**	0.05	0.10	*C17*
Colon	769	7.6	21.2	**24.0**	1.26	3.06	539	5.5	14.9	**12.9**	0.75	1.56	*C18*
Rectum	714	7.1	19.6	**21.7**	1.32	2.69	487	5.0	13.5	**11.7**	0.69	1.41	*C19-20*
Anus	13	0.1	0.4	**0.4**	0.02	0.05	25	0.3	0.7	**0.6**	0.04	0.05	*C21*
Liver	1230	12.2	33.8	**35.0**	2.28	4.31	421	4.3	11.7	**10.4**	0.62	1.31	*C22*
Gallbladder etc.	220	2.2	6.1	**7.1**	0.30	0.79	219	2.2	6.1	**5.2**	0.24	0.61	*C23-24*
Pancreas	251	2.5	6.9	**8.1**	0.43	0.97	185	1.9	5.1	**4.4**	0.20	0.51	*C25*
Nose, sinuses etc.	19	0.2	0.5	**0.5**	0.05	0.07	9	0.1	0.2	**0.2**	0.01	0.02	*C30-31*
Larynx	138	1.4	3.8	**4.5**	0.22	0.62	7	0.1	0.2	**0.2**	0.02	0.02	*C32*
Trachea, bronchus and lung	1416	14.0	39.0	**46.6**	1.87	5.65	542	5.5	15.0	**12.6**	0.57	1.40	*C33-34*
Other thoracic organs	37	0.4	1.0	**1.1**	0.05	0.13	23	0.2	0.6	**0.5**	0.04	0.06	*C37-38*
Bone	32	0.3	0.9	**1.0**	0.06	0.08	30	0.3	0.8	**0.9**	0.06	0.08	*C40-41*
Melanoma of skin	26	0.3	0.7	**0.8**	0.03	0.07	24	0.2	0.7	**0.6**	0.04	0.06	*C43*
Other skin	99		2.7	**3.1**	0.16	0.35	124		3.4	**2.7**	0.09	0.24	*C44*
Mesothelioma	9	0.1	0.2	**0.3**	0.01	0.03	6	0.1	0.2	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	3	0.0	0.1	**0.1**	0.00	0.00	3	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	53	0.5	1.5	**1.5**	0.10	0.13	51	0.5	1.4	**1.3**	0.07	0.12	*C47+C49*
Breast	4	0.0	0.1	**0.1**	0.00	0.01	1586	16.2	43.9	**35.4**	2.97	3.71	*C50*
Vulva							4	0.0	0.1	**0.1**	0.01	0.01	*C51*
Vagina							5	0.1	0.1	**0.1**	0.01	0.01	*C52*
Cervix uteri							638	6.5	17.7	**14.4**	1.10	1.56	*C53*
Corpus uteri							180	1.8	5.0	**4.1**	0.34	0.42	*C54*
Uterus unspecified							13	0.1	0.4	**0.3**	0.02	0.03	*C55*
Ovary							216	2.2	6.0	**5.2**	0.38	0.56	*C56*
Other female genital organs							7	0.1	0.2	**0.2**	0.01	0.02	*C57*
Placenta							7	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	5	0.0	0.1	**0.1**	0.02	0.02							*C60*
Prostate	503	5.0	13.8	**17.8**	0.48	2.14							*C61*
Testis	22	0.2	0.6	**0.6**	0.04	0.04							*C62*
Other male genital organs	6	0.1	0.2	**0.2**	0.01	0.02							*C63*
Kidney	230	2.3	6.3	**6.6**	0.38	0.86	88	0.9	2.4	**2.2**	0.15	0.26	*C64*
Renal pelvis	18	0.2	0.5	**0.6**	0.04	0.06	11	0.1	0.3	**0.3**	0.01	0.04	*C65*
Ureter	24	0.2	0.7	**0.8**	0.04	0.09	16	0.2	0.4	**0.4**	0.03	0.05	*C66*
Bladder	282	2.8	7.8	**9.1**	0.42	0.98	64	0.7	1.8	**1.4**	0.04	0.16	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.00	7	0.1	0.2	**0.2**	0.00	0.02	*C68*
Eye	9	0.1	0.2	**0.3**	0.02	0.02	3	0.0	0.1	**0.1**	0.00	0.01	*C69*
Brain, nervous system	108	1.1	3.0	**3.1**	0.18	0.30	102	1.0	2.8	**2.9**	0.16	0.26	*C70-72*
Thyroid	296	2.9	8.1	**6.9**	0.55	0.71	2405	24.5	66.6	**53.2**	4.59	5.17	*C73*
Adrenal gland	16	0.2	0.4	**0.5**	0.03	0.04	7	0.1	0.2	**0.3**	0.01	0.02	*C74*
Other endocrine	12	0.1	0.3	**0.4**	0.02	0.03	4	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	14	0.1	0.4	**0.4**	0.03	0.03	4	0.0	0.1	**0.1**	0.01	0.01	*C81*
Non-Hodgkin lymphoma	250	2.5	6.9	**7.1**	0.43	0.75	182	1.9	5.0	**4.3**	0.29	0.46	*C82-85,C96*
Immunoproliferative diseases	4	0.0	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	51	0.5	1.4	**1.5**	0.09	0.19	52	0.5	1.4	**1.3**	0.08	0.17	*C90*
Lymphoid leukaemia	54	0.5	1.5	**1.9**	0.11	0.12	35	0.4	1.0	**1.3**	0.08	0.08	*C91*
Myeloid leukaemia	97	1.0	2.7	**2.8**	0.17	0.27	105	1.1	2.9	**2.6**	0.18	0.27	*C92-94*
Leukaemia unspecified	22	0.2	0.6	**0.8**	0.02	0.06	14	0.1	0.4	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	49	0.5	1.3	**1.5**	0.06	0.18	29	0.3	0.8	**0.8**	0.05	0.09	*MPD*
Myelodysplastic syndromes	30	0.3	0.8	**0.9**	0.04	0.11	18	0.2	0.5	**0.4**	0.02	0.05	*MDS*
Other and unspecified	103	1.0	2.8	**3.4**	0.13	0.37	111	1.1	3.1	**2.6**	0.12	0.24	*O&U*
All sites	10204		280.7	**311.8**	16.54	37.39	9931		275.2	**230.0**	15.91	24.74	*C00-96*
All sites except C44	10105	100.0	278.0	**308.8**	16.38	37.04	9807	100.0	271.7	**227.3**	15.82	24.51	*C00-96 exc. C44*

Republic of Korea, Gwangju

REGISTRATION AREA

The Gwangju Cancer Registry covers the metropolitan city of Gwangju near the south-western tip of the Korean Peninsula. The city has a population of 1.4 million and is the economic, educational, and cultural centre of the mainly rural surrounding provinces. There is some manufacturing in the city, including an automobile assembly plant, but the majority of Gwangju's workforce is employed in the service industry.

CANCER CARE FACILITIES

In 2007, the city had five referral hospitals (with facilities for radiotherapy, chemotherapy, and/or cancer surgery) and 70 other hospitals.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1997. It is staffed by a director, part-time medical personnel, and three full-time registrars. The registry has a management committee composed of directors and oncologists from major hospitals and the chief of the city's health department. There is also a practical committee composed of hospital medical record keepers, to handle the practical details of cancer registration. The majority of the case information is linked to the Korea Central Cancer Registry (KCCR), which receives data from teaching hospitals throughout the country. Medical insurance claims data are also used, particularly for cases seen in non-teaching hospitals. Pathology reports, outpatient department reports, and radiation oncology records are also examined for supplemental information. The registrar reviews all information obtained from hospital visits and medical record checks, and the verified cases are then registered. Data obtained from outside sources are reviewed with the collaboration of the Republic of Korea's National Cancer Center and other regional cancer registries in the country. Death certificate data are obtained from Statistics Korea and matched against medical records.

INTERPRETING THE RESULTS

The medical practice of thyroid cancer screening increased during 2003–2007. There were no other changes in any factors that may have influenced incidence rates during the period.

USE OF THE DATA

The registry publishes an annual report on cancer incidence and other statistics, which are recognized as official public data of Gwangju Metropolitan City. The registry also submits an annual report to the municipal government.

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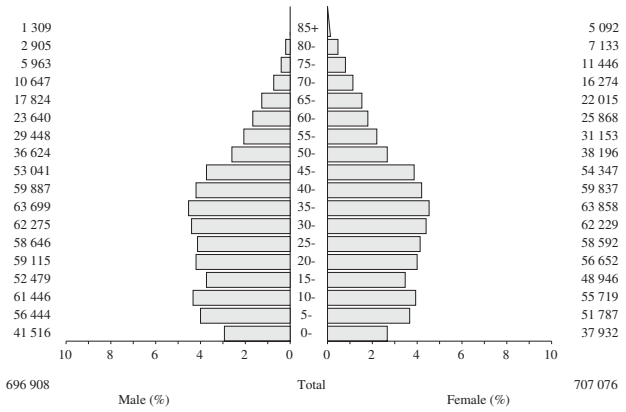
Republic of Korea, Gwangju (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by Statistics Korea, based on the 2005 census, making allowances for births and deaths (but not migration).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	60.9	Thyroid	70.7
Trachea, bronchus and lung	50.8	Breast	27.9
Liver	46.4	Stomach	27.6
Colon	23.2	Trachea, bronchus and lung	13.5
Rectum	20.9	Colon	12.8
Prostate	20.7	Cervix uteri	12.2
Thyroid	13.2	Liver	11.5
Bladder	12.2	Rectum	10.4
Gallbladder etc.	10.1	Gallbladder etc.	6.2
Pancreas	9.5	Pancreas	5.2
All sites	333.6	All sites	243.4

Republic of Korea, Gwangju (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	5	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	34	0.3	1.0	**1.0**	0.06	0.12	20	0.2	0.6	**0.5**	0.03	0.05	*C01-02*
Mouth	35	0.3	1.0	**1.1**	0.06	0.15	18	0.2	0.5	**0.4**	0.02	0.04	*C03-06*
Salivary glands	34	0.3	1.0	**1.1**	0.06	0.13	17	0.2	0.5	**0.4**	0.02	0.04	*C07-08*
Tonsil	16	0.2	0.5	**0.5**	0.04	0.05	2	0.0	0.1	**0.0**	0.00	0.01	*C09*
Other oropharynx	21	0.2	0.6	**0.6**	0.05	0.07	2	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	48	0.5	1.4	**1.3**	0.11	0.15	14	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	48	0.5	1.4	**1.6**	0.08	0.21	3	0.0	0.1	**0.1**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	236	2.3	6.8	**7.9**	0.40	1.02	28	0.3	0.8	**0.6**	0.02	0.07	*C15*
Stomach	1968	18.9	56.5	**60.9**	3.41	7.50	1174	11.6	33.2	**27.6**	1.62	3.31	*C16*
Small intestine	32	0.3	0.9	**1.1**	0.04	0.12	18	0.2	0.5	**0.4**	0.02	0.04	*C17*
Colon	728	7.0	20.9	**23.2**	1.16	3.06	547	5.4	15.5	**12.8**	0.63	1.57	*C18*
Rectum	673	6.5	19.3	**20.9**	1.23	2.70	430	4.2	12.2	**10.4**	0.59	1.32	*C19-20*
Anus	10	0.1	0.3	**0.3**	0.02	0.02	18	0.2	0.5	**0.4**	0.02	0.04	*C21*
Liver	1547	14.8	44.4	**46.4**	3.07	5.73	476	4.7	13.5	**11.5**	0.70	1.38	*C22*
Gallbladder etc.	301	2.9	8.6	**10.1**	0.36	1.14	271	2.7	7.7	**6.2**	0.28	0.68	*C23-24*
Pancreas	280	2.7	8.0	**9.5**	0.38	1.06	225	2.2	6.4	**5.2**	0.20	0.66	*C25*
Nose, sinuses etc.	22	0.2	0.6	**0.7**	0.04	0.08	20	0.2	0.6	**0.5**	0.04	0.06	*C30-31*
Larynx	113	1.1	3.2	**3.6**	0.19	0.46	11	0.1	0.3	**0.2**	0.00	0.04	*C32*
Trachea, bronchus and lung	1501	14.4	43.1	**50.8**	1.97	6.00	591	5.8	16.7	**13.5**	0.64	1.54	*C33-34*
Other thoracic organs	39	0.4	1.1	**1.2**	0.07	0.12	13	0.1	0.4	**0.3**	0.02	0.02	*C37-38*
Bone	32	0.3	0.9	**1.0**	0.05	0.07	20	0.2	0.6	**0.5**	0.03	0.04	*C40-41*
Melanoma of skin	23	0.2	0.7	**0.7**	0.04	0.06	33	0.3	0.9	**0.8**	0.03	0.09	*C43*
Other skin	155		4.4	**5.1**	0.19	0.54	195		5.5	**4.4**	0.19	0.52	*C44*
Mesothelioma	3	0.0	0.1	**0.1**	0.01	0.01	3	0.0	0.1	**0.1**	0.00	0.02	*C45*
Kaposi sarcoma	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	43	0.4	1.2	**1.2**	0.08	0.14	42	0.4	1.2	**1.1**	0.07	0.10	*C47+C49*
Breast	7	0.1	0.2	**0.2**	0.01	0.03	1213	11.9	34.3	**27.9**	2.34	2.84	*C50*
Vulva							14	0.1	0.4	**0.3**	0.01	0.02	*C51*
Vagina							8	0.1	0.2	**0.2**	0.01	0.01	*C52*
Cervix uteri							526	5.2	14.9	**12.2**	0.92	1.34	*C53*
Corpus uteri							132	1.3	3.7	**3.2**	0.28	0.36	*C54*
Uterus unspecified							14	0.1	0.4	**0.3**	0.02	0.02	*C55*
Ovary							190	1.9	5.4	**4.5**	0.31	0.44	*C56*
Other female genital organs							6	0.1	0.2	**0.2**	0.02	0.02	*C57*
Placenta							7	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	6	0.1	0.2	**0.2**	0.01	0.02							*C60*
Prostate	570	5.5	16.4	**20.7**	0.53	2.34							*C61*
Testis	16	0.2	0.5	**0.5**	0.03	0.03							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	197	1.9	5.7	**5.6**	0.38	0.66	94	0.9	2.7	**2.3**	0.16	0.28	*C64*
Renal pelvis	30	0.3	0.9	**1.0**	0.06	0.13	5	0.0	0.1	**0.1**	0.01	0.02	*C65*
Ureter	20	0.2	0.6	**0.7**	0.01	0.09	6	0.1	0.2	**0.1**	0.01	0.02	*C66*
Bladder	370	3.5	10.6	**12.2**	0.54	1.37	87	0.9	2.5	**1.9**	0.07	0.20	*C67*
Other urinary organs	2	0.0	0.1	**0.1**	0.00	0.01	3	0.0	0.1	**0.1**	0.00	0.00	*C68*
Eye	4	0.0	0.1	**0.1**	0.01	0.02	6	0.1	0.2	**0.3**	0.01	0.01	*C69*
Brain, nervous system	120	1.2	3.4	**3.5**	0.25	0.33	107	1.1	3.0	**3.0**	0.20	0.29	*C70-72*
Thyroid	531	5.1	15.2	**13.2**	1.08	1.32	3064	30.2	86.7	**70.7**	6.00	6.98	*C73*
Adrenal gland	11	0.1	0.3	**0.4**	0.02	0.02	13	0.1	0.4	**0.6**	0.03	0.04	*C74*
Other endocrine	15	0.1	0.4	**0.5**	0.03	0.04	4	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	13	0.1	0.4	**0.4**	0.02	0.04	3	0.0	0.1	**0.1**	0.01	0.01	*C81*
Non-Hodgkin lymphoma	235	2.3	6.7	**7.0**	0.43	0.77	198	1.9	5.6	**4.8**	0.31	0.54	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.0	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	48	0.5	1.4	**1.6**	0.07	0.22	66	0.6	1.9	**1.6**	0.08	0.22	*C90*
Lymphoid leukaemia	45	0.4	1.3	**1.8**	0.10	0.12	44	0.4	1.2	**1.7**	0.09	0.12	*C91*
Myeloid leukaemia	121	1.2	3.5	**3.5**	0.24	0.32	98	1.0	2.8	**2.7**	0.20	0.23	*C92-94*
Leukaemia unspecified	13	0.1	0.4	**0.4**	0.02	0.06	17	0.2	0.5	**0.5**	0.03	0.04	*C95*
Myeloproliferative disorders	52	0.5	1.5	**1.4**	0.10	0.16	38	0.4	1.1	**0.9**	0.06	0.09	*MPD*
Myelodysplastic syndromes	38	0.4	1.1	**1.2**	0.05	0.16	37	0.4	1.0	**0.9**	0.07	0.12	*MDS*
Other and unspecified	164	1.6	4.7	**5.5**	0.23	0.67	157	1.5	4.4	**3.5**	0.16	0.34	*O&U*
All sites	10578		303.6	**333.6**	17.40	39.69	10351		292.8	**243.4**	16.62	26.31	*C00-96*
All sites except C44	10423	100.0	299.1	**328.4**	17.21	39.14	10156	100.0	287.3	**239.0**	16.43	25.79	*C00-96 exc. C44*

Republic of Korea, Incheon

REGISTRATION AREA

The Incheon Cancer Registry (ICR) covers the metropolitan city of Incheon, which is located on the western coast of the Korean Peninsula, with the sea to the west and metropolitan Seoul to the east. Incheon is the third largest city in the Republic of Korea, with a population of about 2.8 million in 2010 (98.2% ethnic Korean).

CANCER CARE FACILITIES

There are more than 100 medical institutions in Incheon, including three university hospitals offering full cancer diagnostic and treatment services. Two other hospitals have full cancer treatment facilities, 10 provide chemotherapy, three provide radiotherapy, and 49 perform cancer surgery.

REGISTRY STRUCTURE AND METHODS

The ICR was established in 1997 by Inha University in collaboration with the Korea Central Cancer Registry (KCCR). The ICR's primary data source is registry files from the KCCR, which the national registry receives from each of the country's regional cancer registries (including the ICR), allowing the ICR to register resident cases diagnosed within Incheon and outside of Incheon. The second major data source is non-KCCR-registered hospitals in Incheon. Other sources are health insurance documents (such as medical insurance claims) and death records from Statistics Korea. Follow-up information is obtained primarily by passive methods.

INTERPRETING THE RESULTS

National cancer screening programmes have been established for gastric, liver, cervical, colon, and breast cancers. The incidence rate of cervical cancer has decreased very rapidly, whereas the incidence rates of breast and thyroid cancers have increased.

USE OF THE DATA

The ICR annually reports cancer incidence by site, sex, and age (excluding extent of disease and survival) to the government. Policy-makers use regional cancer registry data, including ICR data, for developing health services and laws.

CONTRIBUTORS

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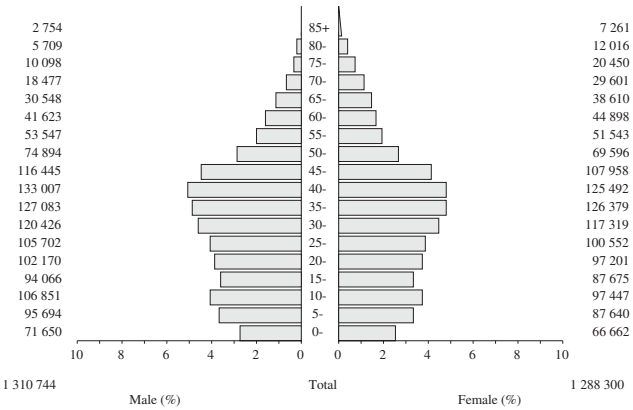
Republic of Korea, Incheon (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

From the *Registration of social identification* section of the publication *Annual Statistics of Incheon City*, based on the 2005 national census.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	58.6	Breast	33.5
Trachea, bronchus and lung	45.1	Thyroid	23.2
Liver	33.5	Stomach	21.9
Colon	21.5	Cervix uteri	13.9
Rectum	19.5	Colon	13.2
Prostate	13.6	Trachea, bronchus and lung	12.5
Bladder	10.0	Liver	10.6
Pancreas	8.1	Rectum	10.0
Gallbladder etc.	6.8	Gallbladder etc.	5.9
Non-Hodgkin lymphoma	6.5	Ovary	5.7
All sites	277.2	All sites	190.3

Republic of Korea, Incheon (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	6	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	74	0.5	1.1	**1.1**	0.09	0.14	34	0.2	0.5	**0.4**	0.02	0.05	*C01-02*
Mouth	62	0.4	0.9	**1.1**	0.05	0.12	20	0.1	0.3	**0.3**	0.02	0.03	*C03-06*
Salivary glands	41	0.3	0.6	**0.6**	0.04	0.07	33	0.2	0.5	**0.5**	0.03	0.04	*C07-08*
Tonsil	43	0.3	0.7	**0.6**	0.05	0.08	7	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	9	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	60	0.4	0.9	**0.9**	0.06	0.10	23	0.2	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	56	0.3	0.9	**1.0**	0.05	0.14	5	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	4	0.0	0.1	**0.1**	0.00	0.01	3	0.0	0.0	**0.0**	0.00	0.01	*C14*
Oesophagus	304	1.9	4.6	**5.6**	0.29	0.73	33	0.2	0.5	**0.4**	0.02	0.04	*C15*
Stomach	3563	21.8	54.4	**58.6**	3.49	7.24	1691	11.7	26.3	**21.9**	1.32	2.56	*C16*
Small intestine	65	0.4	1.0	**1.0**	0.05	0.12	51	0.4	0.8	**0.7**	0.04	0.08	*C17*
Colon	1281	7.8	19.5	**21.5**	1.20	2.64	990	6.8	15.4	**13.2**	0.82	1.55	*C18*
Rectum	1178	7.2	18.0	**19.5**	1.15	2.43	760	5.2	11.8	**10.0**	0.61	1.21	*C19-20*
Anus	15	0.1	0.2	**0.3**	0.02	0.04	23	0.2	0.4	**0.3**	0.02	0.03	*C21*
Liver	2251	13.8	34.3	**33.5**	2.41	3.91	779	5.4	12.1	**10.6**	0.64	1.30	*C22*
Gallbladder etc.	378	2.3	5.8	**6.8**	0.31	0.88	439	3.0	6.8	**5.9**	0.31	0.72	*C23-24*
Pancreas	466	2.8	7.1	**8.1**	0.43	0.94	377	2.6	5.9	**5.0**	0.23	0.60	*C25*
Nose, sinuses etc.	41	0.3	0.6	**0.6**	0.05	0.08	20	0.1	0.3	**0.2**	0.01	0.04	*C30-31*
Larynx	227	1.4	3.5	**4.1**	0.21	0.54	17	0.1	0.3	**0.2**	0.01	0.03	*C32*
Trachea, bronchus and lung	2456	15.0	37.5	**45.1**	1.93	5.69	959	6.6	14.9	**12.5**	0.60	1.44	*C33-34*
Other thoracic organs	59	0.4	0.9	**1.0**	0.05	0.10	40	0.3	0.6	**0.6**	0.03	0.05	*C37-38*
Bone	77	0.5	1.2	**1.2**	0.08	0.11	53	0.4	0.8	**0.8**	0.05	0.08	*C40-41*
Melanoma of skin	43	0.3	0.7	**0.7**	0.04	0.08	40	0.3	0.6	**0.6**	0.04	0.07	*C43*
Other skin	191		2.9	**3.3**	0.15	0.38	225		3.5	**2.9**	0.12	0.30	*C44*
Mesothelioma	20	0.1	0.3	**0.3**	0.02	0.03	6	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	15	0.1	0.2	**0.3**	0.01	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	80	0.5	1.2	**1.3**	0.08	0.13	77	0.5	1.2	**1.0**	0.07	0.09	*C47+C49*
Breast	15	0.1	0.2	**0.3**	0.02	0.03	2773	19.1	43.0	**33.5**	2.90	3.40	*C50*
Vulva							18	0.1	0.3	**0.2**	0.01	0.03	*C51*
Vagina							12	0.1	0.2	**0.2**	0.01	0.02	*C52*
Cervix uteri							1119	7.7	17.4	**13.9**	1.04	1.47	*C53*
Corpus uteri							319	2.2	5.0	**4.1**	0.34	0.44	*C54*
Uterus unspecified							18	0.1	0.3	**0.2**	0.01	0.02	*C55*
Ovary							434	3.0	6.7	**5.7**	0.43	0.58	*C56*
Other female genital organs							8	0.1	0.1	**0.1**	0.01	0.01	*C57*
Placenta							8	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	9	0.1	0.1	**0.2**	0.00	0.02							*C60*
Prostate	688	4.2	10.5	**13.6**	0.41	1.69							*C61*
Testis	38	0.2	0.6	**0.5**	0.04	0.04							*C62*
Other male genital organs	7	0.0	0.1	**0.1**	0.00	0.02							*C63*
Kidney	371	2.3	5.7	**5.6**	0.39	0.64	176	1.2	2.7	**2.4**	0.17	0.28	*C64*
Renal pelvis	34	0.2	0.5	**0.6**	0.03	0.07	12	0.1	0.2	**0.2**	0.01	0.02	*C65*
Ureter	42	0.3	0.6	**0.8**	0.03	0.11	14	0.1	0.2	**0.2**	0.01	0.03	*C66*
Bladder	555	3.4	8.5	**10.0**	0.43	1.21	113	0.8	1.8	**1.5**	0.05	0.18	*C67*
Other urinary organs	8	0.0	0.1	**0.1**	0.01	0.02	5	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	8	0.0	0.1	**0.2**	0.01	0.01	17	0.1	0.3	**0.4**	0.02	0.03	*C69*
Brain, nervous system	209	1.3	3.2	**3.2**	0.20	0.30	197	1.4	3.1	**3.0**	0.20	0.28	*C70-72*
Thyroid	283	1.7	4.3	**3.7**	0.29	0.37	1857	12.8	28.8	**23.2**	1.91	2.26	*C73*
Adrenal gland	13	0.1	0.2	**0.3**	0.01	0.02	12	0.1	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	15	0.1	0.2	**0.2**	0.02	0.02	9	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	24	0.1	0.4	**0.4**	0.02	0.03	17	0.1	0.3	**0.3**	0.01	0.02	*C81*
Non-Hodgkin lymphoma	432	2.6	6.6	**6.5**	0.43	0.76	313	2.2	4.9	**4.3**	0.30	0.45	*C82-85,C96*
Immunoproliferative diseases	3	0.0	0.0	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	90	0.5	1.4	**1.5**	0.09	0.20	71	0.5	1.1	**1.0**	0.05	0.13	*C90*
Lymphoid leukaemia	88	0.5	1.3	**1.7**	0.08	0.13	65	0.4	1.0	**1.2**	0.06	0.09	*C91*
Myeloid leukaemia	205	1.3	3.1	**3.2**	0.20	0.33	139	1.0	2.2	**2.0**	0.13	0.18	*C92-94*
Leukaemia unspecified	19	0.1	0.3	**0.3**	0.01	0.03	33	0.2	0.5	**0.5**	0.01	0.04	*C95*
Myeloproliferative disorders	66	0.4	1.0	**1.0**	0.05	0.12	40	0.3	0.6	**0.5**	0.04	0.06	*MPD*
Myelodysplastic syndromes	59	0.4	0.9	**1.0**	0.05	0.12	60	0.4	0.9	**0.8**	0.04	0.11	*MDS*
Other and unspecified	215	1.3	3.3	**3.8**	0.15	0.40	172	1.2	2.7	**2.2**	0.09	0.23	*O&U*
All sites	16561		252.7	**277.2**	15.31	33.47	14737		228.8	**190.3**	12.95	20.77	*C00-96*
All sites except C44	16370	100.0	249.8	**273.9**	15.16	33.08	14512	100.0	225.3	**187.4**	12.83	20.47	*C00-96 exc. C44*

Republic of Korea, Jejudo

REGISTRATION AREA

The Jejudo Cancer Registry (JCR) covers the population of Jeju Province (also called Jejudo) off the southern tip of the Korean Peninsula. Jeju is the nation's largest island, with a total area of 1848 km^2. The mean annual temperature is 16 °C, and the mean annual rainfall is about 1158 mm. Jeju is known within the country as the clean island because it has no industrial factories creating pollution.

CANCER CARE FACILITIES

In 2005, the city had two general hospitals and four other hospitals, for a total of 1625 hospital beds. Two traditional medicine hospitals also provide palliative care to cancer patients.

REGISTRY STRUCTURE AND METHODS

The JCR is located in the Jeju Regional Cancer Center. It uses several information sources, and about 87% of the JCR data are registered through the Korea Central Cancer Registry (KCCR), which operates by voluntary reporting from teaching hospitals throughout the country. The second most important information source is active case finding by the registrars, who visit about 81% of potential cancer patients who make insurance claims related to cancer to the National Health Insurance Corporation. Insurance claims data are also a good source for tracking cases notified by death certificate only. The JCR's third most important information source is death certificates, which allow the registry to determine the vital status of previously registered cases and to register death-certificate-only (DCO) cases. Death certificates provided by Statistics Korea cover all deaths occurring in the country and include the full national resident registration number issued to every citizen at birth. The quality of death certificates in Jeju Province is good; about 98% are medically certified. The use of both health insurance data and mortality data enhances the completeness of registration. The JCR evaluates the validity of its data using the IARC-CHECK program and re-abstracts medical records to correct any errors.

CONTRIBUTORS

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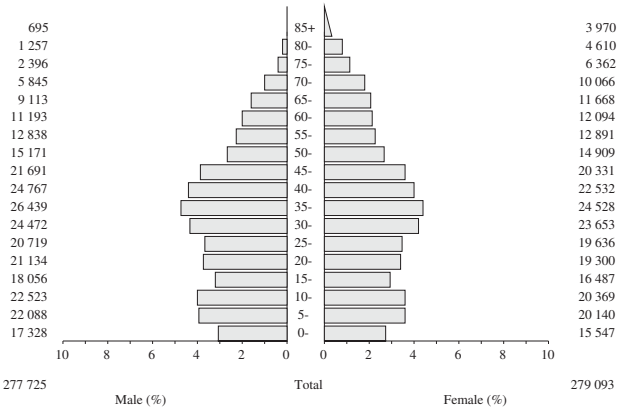
Republic of Korea, Jejudo (2004-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by Statistics Korea, based on the 2005 census, making allowances for births and deaths (but not migration).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	57.3	Thyroid	37.1
Liver	51.6	Breast	24.4
Trachea, bronchus and lung	40.3	Stomach	22.6
Colon	20.6	Cervix uteri	15.1
Prostate	17.6	Liver	12.4
Rectum	14.3	Trachea, bronchus and lung	10.6
Gallbladder etc.	10.4	Colon	10.3
Bladder	9.2	Gallbladder etc.	8.5
Pancreas	8.4	Rectum	8.2
Oesophagus	8.3	Ovary	5.3
All sites	301.1	All sites	195.8

Republic of Korea, Jejudo (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.1	0.3	**0.3**	0.02	0.02	1	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	16	0.5	1.4	**1.4**	0.09	0.16	12	0.4	1.1	**0.8**	0.07	0.09	*C01-02*
Mouth	11	0.3	1.0	**0.9**	0.06	0.14	7	0.2	0.6	**0.4**	0.02	0.04	*C03-06*
Salivary glands	2	0.1	0.2	**0.1**	0.01	0.01	5	0.2	0.4	**0.4**	0.02	0.02	*C07-08*
Tonsil	20	0.6	1.8	**1.5**	0.09	0.20	3	0.1	0.3	**0.2**	0.01	0.02	*C09*
Other oropharynx	4	0.1	0.4	**0.3**	0.03	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	15	0.4	1.4	**1.1**	0.10	0.14	7	0.2	0.6	**0.5**	0.05	0.06	*C11*
Hypopharynx	24	0.7	2.2	**2.0**	0.14	0.26	1	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	92	2.6	8.3	**8.3**	0.38	1.02	7	0.2	0.6	**0.4**	0.01	0.03	*C15*
Stomach	681	19.4	61.3	**57.3**	3.28	6.97	384	13.0	34.4	**22.6**	1.35	2.54	*C16*
Small intestine	11	0.3	1.0	**0.9**	0.04	0.10	3	0.1	0.3	**0.1**	0.00	0.02	*C17*
Colon	247	7.0	22.2	**20.6**	1.22	2.62	172	5.8	15.4	**10.3**	0.60	1.21	*C18*
Rectum	174	5.0	15.7	**14.3**	0.92	1.80	130	4.4	11.6	**8.2**	0.56	1.01	*C19-20*
Anus	5	0.1	0.5	**0.5**	0.00	0.05	4	0.1	0.4	**0.3**	0.03	0.03	*C21*
Liver	633	18.1	57.0	**51.6**	3.60	5.90	208	7.0	18.6	**12.4**	0.77	1.46	*C22*
Gallbladder etc.	118	3.4	10.6	**10.4**	0.47	1.32	166	5.6	14.9	**8.5**	0.36	0.96	*C23-24*
Pancreas	97	2.8	8.7	**8.4**	0.36	0.97	74	2.5	6.6	**3.6**	0.12	0.41	*C25*
Nose, sinuses etc.	7	0.2	0.6	**0.5**	0.03	0.06	4	0.1	0.4	**0.2**	0.02	0.03	*C30-31*
Larynx	61	1.7	5.5	**5.2**	0.34	0.61	2	0.1	0.2	**0.1**	0.00	0.02	*C32*
Trachea, bronchus and lung	458	13.1	41.2	**40.3**	1.50	5.03	187	6.3	16.8	**10.6**	0.57	1.39	*C33-34*
Other thoracic organs	12	0.3	1.1	**1.1**	0.04	0.15	3	0.1	0.3	**0.3**	0.02	0.02	*C37-38*
Bone	17	0.5	1.5	**1.5**	0.09	0.13	18	0.6	1.6	**1.3**	0.09	0.13	*C40-41*
Melanoma of skin	8	0.2	0.7	**0.6**	0.03	0.06	10	0.3	0.9	**0.6**	0.03	0.09	*C43*
Other skin	40		3.6	**3.6**	0.18	0.43	72		6.4	**3.6**	0.13	0.38	*C44*
Mesothelioma	4	0.1	0.4	**0.3**	0.03	0.03	2	0.1	0.2	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	13	0.4	1.2	**1.2**	0.07	0.11	14	0.5	1.3	**1.2**	0.08	0.10	*C47+C49*
Breast	2	0.1	0.2	**0.1**	0.02	0.02	342	11.6	30.6	**24.4**	2.07	2.45	*C50*
Vulva							2	0.1	0.2	**0.1**	0.01	0.02	*C51*
Vagina							3	0.1	0.3	**0.2**	0.01	0.03	*C52*
Cervix uteri							217	7.3	19.4	**15.1**	1.26	1.59	*C53*
Corpus uteri							36	1.2	3.2	**2.6**	0.23	0.29	*C54*
Uterus unspecified							11	0.4	1.0	**0.8**	0.08	0.10	*C55*
Ovary							76	2.6	6.8	**5.3**	0.38	0.58	*C56*
Other female genital organs							1	0.0	0.1	**0.1**	0.00	0.01	*C57*
Placenta							8	0.3	0.7	**0.6**	0.05	0.05	*C58*
Penis	3	0.1	0.3	**0.3**	0.00	0.01							*C60*
Prostate	196	5.6	17.6	**17.6**	0.39	2.25							*C61*
Testis	5	0.1	0.5	**0.5**	0.03	0.03							*C62*
Other male genital organs	2	0.1	0.2	**0.2**	0.00	0.01							*C63*
Kidney	92	2.6	8.3	**7.5**	0.49	0.85	31	1.0	2.8	**2.0**	0.12	0.21	*C64*
Renal pelvis	5	0.1	0.5	**0.4**	0.03	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	12	0.3	1.1	**1.1**	0.07	0.12	4	0.1	0.4	**0.2**	0.01	0.01	*C66*
Bladder	102	2.9	9.2	**9.2**	0.40	0.95	29	1.0	2.6	**1.6**	0.09	0.20	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	3	0.1	0.3	**0.2**	0.02	0.02	*C68*
Eye	1	0.0	0.1	**0.1**	0.01	0.01	2	0.1	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	37	1.1	3.3	**3.6**	0.21	0.32	42	1.4	3.8	**3.2**	0.18	0.30	*C70-72*
Thyroid	96	2.7	8.6	**7.2**	0.53	0.74	508	17.2	45.5	**37.1**	3.11	3.74	*C73*
Adrenal gland	4	0.1	0.4	**0.4**	0.02	0.04	1	0.0	0.1	**0.2**	0.01	0.01	*C74*
Other endocrine	7	0.2	0.6	**0.7**	0.04	0.04	4	0.1	0.4	**0.3**	0.02	0.02	*C75*
Hodgkin lymphoma	7	0.2	0.6	**0.5**	0.05	0.05	5	0.2	0.4	**0.4**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	73	2.1	6.6	**6.0**	0.41	0.65	70	2.4	6.3	**4.8**	0.29	0.46	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	18	0.5	1.6	**1.5**	0.08	0.19	20	0.7	1.8	**1.2**	0.06	0.15	*C90*
Lymphoid leukaemia	18	0.5	1.6	**1.9**	0.10	0.16	14	0.5	1.3	**1.7**	0.09	0.09	*C91*
Myeloid leukaemia	36	1.0	3.2	**2.8**	0.21	0.32	35	1.2	3.1	**3.1**	0.20	0.26	*C92-94*
Leukaemia unspecified	7	0.2	0.6	**0.8**	0.04	0.05	5	0.2	0.4	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	4	0.1	0.4	**0.3**	0.03	0.05	4	0.1	0.4	**0.3**	0.02	0.04	*MPD*
Myelodysplastic syndromes	5	0.1	0.5	**0.4**	0.03	0.05	5	0.2	0.4	**0.3**	0.01	0.03	*MDS*
Other and unspecified	39	1.1	3.5	**3.5**	0.18	0.33	52	1.8	4.7	**2.6**	0.09	0.31	*O&U*
All sites	3544		319.0	**301.1**	16.48	35.60	3026		271.1	**195.8**	13.39	21.14	*C00-96*
All sites except C44	3504	100.0	315.4	**297.6**	16.30	35.17	2954	100.0	264.6	**192.3**	13.25	20.76	*C00-96 exc. C44*

Republic of Korea, Seoul

REGISTRATION AREA

The Seoul Cancer Registry (SCR) covers the metropolitan city of Seoul, the capital of the Republic of Korea. In 2010, the population was 9.8 million, about 20% of the national population.

CANCER CARE FACILITIES

In 2009, there were 59 general hospitals and 161 other hospitals in Seoul. There were also 7197 clinics and 25 community health centres, but cancer is rarely diagnosed in these facilities. There were 3334 clinics and hospitals practising traditional medicine. More than 90% of cancers occurring in Seoul residents are treated within Seoul.

REGISTRY STRUCTURE AND METHODS

The SCR was established in 1991. It was located in Seoul National University College of Medicine's Department of Preventive Medicine until 2008, when it was moved to the Republic of Korea's National Cancer Center. The SCR uses several information sources, and about 90% of SCR data are registered through the Korea Central Cancer Registry (KCCR), which operates by voluntary reporting from more than 180 hospitals throughout the country. The second most important information source is active medical record reviews performed for potential cases identified from national health insurance data. The third most important information source is death certificates, which allow the registry to determine the vital status of previously registered cases and to register death-certificate-only (DCO) cases. The quality of death certificates in Seoul is good; in 2007, 99.6% were medically certified.

INTERPRETING THE RESULTS

In 1996, the national government initiated its first comprehensive 10-year plan for cancer control. As part of the plan, the National Cancer Screening Program (administered by the Ministry of Health and Welfare) was established in 1999 to provide free screening for gastric, breast, and cervical cancers. There has been a sharp increase in the incidence of thyroid cancer, but this increase may reflect improved diagnostic techniques rather than a true increase in occurrence.

USE OF THE DATA

SCR data have been used for health services planning and epidemiological research. Incidence tables containing registry data are published annually, as part of the *Annual Report of Cancer Statistics in Korea*.

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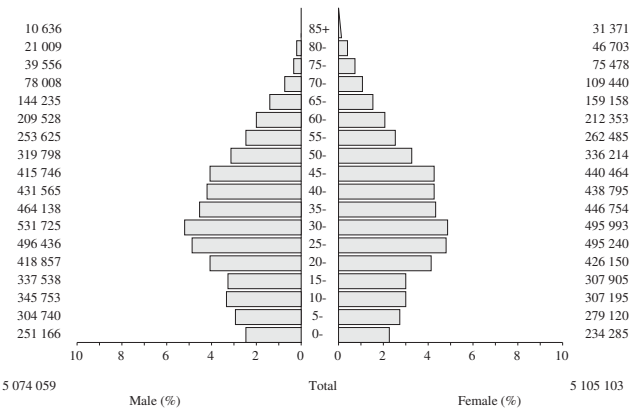
Republic of Korea, Seoul (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by Statistics Korea, based on the 2005 census, making allowances for births and deaths (but not migration).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	57.3	Thyroid	41.2
Trachea, bronchus and lung	42.7	Breast	37.3
Liver	36.4	Stomach	23.0
Colon	24.8	Colon	14.4
Prostate	22.7	Trachea, bronchus and lung	13.3
Rectum	20.2	Cervix uteri	12.0
Bladder	10.3	Liver	10.6
Pancreas	7.8	Rectum	10.3
Thyroid	7.8	Ovary	6.0
Non-Hodgkin lymphoma	7.5	Gallbladder etc.	5.2
All sites	296.6	All sites	216.0

Republic of Korea, Seoul (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	19	0.0	0.1	**0.1**	0.00	0.01	8	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	306	0.4	1.2	**1.1**	0.07	0.13	158	0.2	0.6	**0.5**	0.03	0.06	*C01-02*
Mouth	260	0.4	1.0	**1.0**	0.06	0.12	142	0.2	0.6	**0.4**	0.03	0.05	*C03-06*
Salivary glands	195	0.3	0.8	**0.7**	0.05	0.08	161	0.2	0.6	**0.5**	0.04	0.05	*C07-08*
Tonsil	250	0.3	1.0	**0.9**	0.06	0.11	40	0.1	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	46	0.1	0.2	**0.2**	0.01	0.03	9	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	283	0.4	1.1	**1.0**	0.07	0.11	100	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	211	0.3	0.8	**0.9**	0.04	0.11	11	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	13	0.0	0.1	**0.0**	0.00	0.00	4	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	1321	1.8	5.2	**5.5**	0.25	0.70	133	0.2	0.5	**0.4**	0.02	0.04	*C15*
Stomach	14808	20.0	58.4	**57.3**	3.18	7.03	7441	10.8	29.2	**23.0**	1.35	2.60	*C16*
Small intestine	288	0.4	1.1	**1.1**	0.06	0.13	190	0.3	0.7	**0.6**	0.04	0.08	*C17*
Colon	6209	8.4	24.5	**24.8**	1.25	3.09	4519	6.6	17.7	**14.4**	0.80	1.73	*C18*
Rectum	5290	7.1	20.9	**20.2**	1.18	2.50	3264	4.7	12.8	**10.3**	0.65	1.22	*C19-20*
Anus	106	0.1	0.4	**0.4**	0.02	0.06	91	0.1	0.4	**0.3**	0.02	0.04	*C21*
Liver	10083	13.6	39.7	**36.4**	2.52	4.30	3300	4.8	12.9	**10.6**	0.60	1.27	*C22*
Gallbladder etc.	1638	2.2	6.5	**7.0**	0.29	0.78	1654	2.4	6.5	**5.2**	0.22	0.61	*C23-24*
Pancreas	1919	2.6	7.6	**7.8**	0.38	0.91	1480	2.1	5.8	**4.7**	0.19	0.54	*C25*
Nose, sinuses etc.	166	0.2	0.7	**0.6**	0.04	0.08	93	0.1	0.4	**0.3**	0.02	0.04	*C30-31*
Larynx	894	1.2	3.5	**3.6**	0.18	0.46	64	0.1	0.3	**0.2**	0.01	0.03	*C32*
Trachea, bronchus and lung	10027	13.5	39.5	**42.7**	1.66	5.11	4247	6.2	16.6	**13.3**	0.64	1.53	*C33-34*
Other thoracic organs	249	0.3	1.0	**0.9**	0.06	0.09	137	0.2	0.5	**0.5**	0.03	0.04	*C37-38*
Bone	231	0.3	0.9	**0.9**	0.06	0.07	210	0.3	0.8	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	168	0.2	0.7	**0.6**	0.03	0.07	166	0.2	0.7	**0.5**	0.03	0.06	*C43*
Other skin	761		3.0	**3.2**	0.13	0.35	881		3.5	**2.7**	0.12	0.28	*C44*
Mesothelioma	50	0.1	0.2	**0.2**	0.01	0.03	22	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	41	0.1	0.2	**0.2**	0.00	0.01	10	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	453	0.6	1.8	**1.8**	0.11	0.18	325	0.5	1.3	**1.2**	0.07	0.11	*C47+C49*
Breast	54	0.1	0.2	**0.2**	0.01	0.02	12655	18.4	49.6	**37.3**	3.17	3.84	*C50*
Vulva							101	0.1	0.4	**0.3**	0.02	0.04	*C51*
Vagina							67	0.1	0.3	**0.2**	0.01	0.02	*C52*
Cervix uteri							4023	5.8	15.8	**12.0**	0.89	1.29	*C53*
Corpus uteri							1473	2.1	5.8	**4.5**	0.38	0.49	*C54*
Uterus unspecified							130	0.2	0.5	**0.4**	0.03	0.04	*C55*
Ovary							1888	2.7	7.4	**6.0**	0.44	0.61	*C56*
Other female genital organs							55	0.1	0.2	**0.2**	0.01	0.02	*C57*
Placenta							53	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	44	0.1	0.2	**0.2**	0.01	0.02							*C60*
Prostate	4974	6.7	19.6	**22.7**	0.63	2.77							*C61*
Testis	203	0.3	0.8	**0.7**	0.05	0.05							*C62*
Other male genital organs	35	0.0	0.1	**0.2**	0.01	0.02							*C63*
Kidney	1894	2.6	7.5	**7.1**	0.43	0.84	805	1.2	3.2	**2.6**	0.17	0.29	*C64*
Renal pelvis	211	0.3	0.8	**0.8**	0.05	0.11	80	0.1	0.3	**0.3**	0.01	0.04	*C65*
Ureter	151	0.2	0.6	**0.6**	0.03	0.08	94	0.1	0.4	**0.3**	0.01	0.04	*C66*
Bladder	2446	3.3	9.6	**10.3**	0.44	1.20	616	0.9	2.4	**2.0**	0.09	0.22	*C67*
Other urinary organs	32	0.0	0.1	**0.1**	0.00	0.02	29	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	60	0.1	0.2	**0.3**	0.02	0.02	60	0.1	0.2	**0.3**	0.02	0.02	*C69*
Brain, nervous system	822	1.1	3.2	**3.2**	0.19	0.30	721	1.0	2.8	**2.7**	0.16	0.25	*C70-72*
Thyroid	2465	3.3	9.7	**7.8**	0.61	0.79	13883	20.2	54.4	**41.2**	3.49	4.11	*C73*
Adrenal gland	74	0.1	0.3	**0.5**	0.02	0.03	57	0.1	0.2	**0.4**	0.02	0.02	*C74*
Other endocrine	55	0.1	0.2	**0.3**	0.02	0.02	39	0.1	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	137	0.2	0.5	**0.5**	0.03	0.05	75	0.1	0.3	**0.3**	0.02	0.02	*C81*
Non-Hodgkin lymphoma	1931	2.6	7.6	**7.5**	0.43	0.83	1408	2.0	5.5	**4.6**	0.30	0.48	*C82-85,C96*
Immunoproliferative diseases	10	0.0	0.0	**0.0**	0.00	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	435	0.6	1.7	**1.8**	0.08	0.21	361	0.5	1.4	**1.2**	0.06	0.15	*C90*
Lymphoid leukaemia	337	0.5	1.3	**1.7**	0.09	0.11	246	0.4	1.0	**1.3**	0.07	0.09	*C91*
Myeloid leukaemia	849	1.1	3.3	**3.3**	0.19	0.32	673	1.0	2.6	**2.3**	0.15	0.22	*C92-94*
Leukaemia unspecified	167	0.2	0.7	**0.7**	0.03	0.07	152	0.2	0.6	**0.6**	0.02	0.06	*C95*
Myeloproliferative disorders	247	0.3	1.0	**0.9**	0.06	0.11	197	0.3	0.8	**0.7**	0.04	0.08	*MPD*
Myelodysplastic syndromes	242	0.3	1.0	**1.0**	0.05	0.11	159	0.2	0.6	**0.5**	0.03	0.06	*MDS*
Other and unspecified	747	1.0	2.9	**3.1**	0.14	0.35	783	1.1	3.1	**2.5**	0.11	0.24	*O&U*
All sites	74907		295.3	**296.6**	15.39	35.12	69745		273.2	**216.0**	14.74	23.31	*C00-96*
All sites except C44	74146	100.0	292.3	**293.4**	15.26	34.78	68864	100.0	269.8	**213.2**	14.63	23.02	*C00-96 exc. C44*

§Includes 1 case of unknown age

Republic of Korea, Ulsan

REGISTRATION AREA

The Ulsan Cancer Registry (UCR) covers the metropolitan city of Ulsan, a port city in the south-east of the Republic of Korea. In 2009, the population was 1.1 million, with about 83% of residents living in urban areas. The mean annual temperature is 14 °C, and the mean annual rainfall is 1161 mm. Ulsan has rapidly become an industrialized city and accounts for 15.6% of the country's manufacturing industry.

CANCER CARE FACILITIES

All residents are covered by the National Health Insurance Plan. In 2010, Ulsan had 1510 private clinics and 78 hospitals: one university general hospital, three other general hospitals, 67 smaller hospitals, four dental hospitals, and three traditional medicine hospitals. The university hospital provides cancer surgery, chemotherapy, and radiotherapy services.

REGISTRY STRUCTURE AND METHODS

The UCR is located in Ulsan University Hospital's Department of Occupational and Environmental Medicine and is staffed by three part-time physicians and one full-time registrar. Approximately 79% of UCR data are registered through the Korea Central Cancer Registry (KCCR), which identifies incident cancer cases through a nationwide hospital-based cancer registration system that covers all general hospitals in the country. The second most important information source is medical claims data from the National Health Insurance Corporation. The third most important information source is death certificates (from Statistics Korea), which cover all deaths that occur in the Republic of Korea and include the full national resident registration number (RRN) issued to every citizen at birth. The RRN is also helpful for tracking cases notified by death certificate only. Several additional data sources, such as records from pathology laboratories and radiotherapy departments, also help the registry to identify unregistered cases. The UCR evaluates the validity of its data using the IARC-CHECK program and re-abstracts medical records to correct any errors.

USE OF THE DATA

The UCR publishes an annual report on cancer incidence and mortality in Ulsan. Registry data have been used in several epidemiological studies on primary, secondary, and tertiary cancer prevention.

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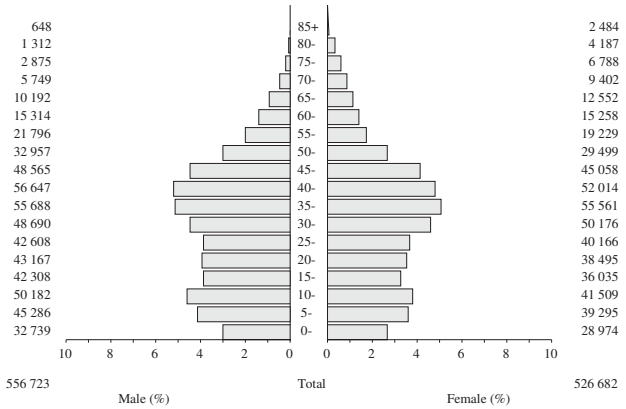
Republic of Korea, Ulsan (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by Statistics Korea, based on the 2005 census, making allowances for births and deaths (but not migration).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Stomach	69.2	Thyroid	40.9
Trachea, bronchus and lung	56.2	Breast	29.0
Liver	42.2	Stomach	28.6
Colon	20.4	Trachea, bronchus and lung	14.1
Rectum	17.8	Colon	13.3
Prostate	15.1	Liver	12.3
Bladder	10.8	Cervix uteri	11.0
Gallbladder etc.	9.9	Rectum	10.8
Pancreas	8.4	Gallbladder etc.	6.3
Oesophagus	7.8	Pancreas	5.6
All sites	318.5	All sites	214.9

Republic of Korea, Ulsan (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.0	0.0	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	22	0.3	0.8	**0.9**	0.06	0.06	11	0.2	0.4	**0.3**	0.02	0.05	*C01-02*
Mouth	24	0.4	0.9	**1.1**	0.08	0.14	6	0.1	0.2	**0.2**	0.01	0.02	*C03-06*
Salivary glands	15	0.2	0.5	**0.7**	0.03	0.06	12	0.2	0.5	**0.4**	0.03	0.03	*C07-08*
Tonsil	13	0.2	0.5	**0.6**	0.04	0.09	7	0.1	0.3	**0.2**	0.02	0.02	*C09*
Other oropharynx	6	0.1	0.2	**0.3**	0.02	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	30	0.4	1.1	**1.0**	0.08	0.10	10	0.2	0.4	**0.3**	0.03	0.04	*C11*
Hypopharynx	16	0.2	0.6	**0.8**	0.05	0.11	1	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	3	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	141	2.1	5.1	**7.8**	0.31	1.00	16	0.3	0.6	**0.6**	0.04	0.08	*C15*
Stomach	1570	23.1	56.4	**69.2**	4.05	8.43	827	13.2	31.4	**28.6**	1.86	3.21	*C16*
Small intestine	17	0.2	0.6	**0.6**	0.05	0.07	18	0.3	0.7	**0.7**	0.04	0.08	*C17*
Colon	459	6.7	16.5	**20.4**	1.22	2.60	362	5.8	13.7	**13.3**	0.78	1.50	*C18*
Rectum	406	6.0	14.6	**17.8**	1.09	2.38	291	4.7	11.1	**10.8**	0.70	1.29	*C19-20*
Anus	9	0.1	0.3	**0.4**	0.01	0.06	5	0.1	0.2	**0.2**	0.01	0.01	*C21*
Liver	1007	14.8	36.2	**42.2**	2.85	5.06	324	5.2	12.3	**12.3**	0.78	1.49	*C22*
Gallbladder etc.	191	2.8	6.9	**9.9**	0.39	1.25	172	2.8	6.5	**6.3**	0.24	0.70	*C23-24*
Pancreas	159	2.3	5.7	**8.4**	0.32	1.07	146	2.3	5.5	**5.6**	0.27	0.64	*C25*
Nose, sinuses etc.	16	0.2	0.6	**0.7**	0.05	0.08	15	0.2	0.6	**0.6**	0.03	0.08	*C30-31*
Larynx	94	1.4	3.4	**4.9**	0.24	0.59	8	0.1	0.3	**0.3**	0.00	0.03	*C32*
Trachea, bronchus and lung	1019	15.0	36.6	**56.2**	2.04	7.04	392	6.3	14.9	**14.1**	0.64	1.59	*C33-34*
Other thoracic organs	26	0.4	0.9	**1.0**	0.07	0.11	14	0.2	0.5	**0.4**	0.04	0.05	*C37-38*
Bone	19	0.3	0.7	**0.6**	0.04	0.06	29	0.5	1.1	**1.1**	0.08	0.09	*C40-41*
Melanoma of skin	13	0.2	0.5	**0.7**	0.02	0.06	17	0.3	0.6	**0.6**	0.03	0.06	*C43*
Other skin	66		2.4	**3.5**	0.13	0.36	95		3.6	**3.5**	0.13	0.35	*C44*
Mesothelioma	7	0.1	0.3	**0.3**	0.03	0.03	3	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	1	0.0	0.0	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	30	0.4	1.1	**1.3**	0.07	0.16	19	0.3	0.7	**0.7**	0.04	0.07	*C47+C49*
Breast	6	0.1	0.2	**0.3**	0.01	0.05	974	15.6	37.0	**29.0**	2.50	2.91	*C50*
Vulva							8	0.1	0.3	**0.3**	0.02	0.03	*C51*
Vagina							10	0.2	0.4	**0.4**	0.02	0.06	*C52*
Cervix uteri							343	5.5	13.0	**11.0**	0.88	1.22	*C53*
Corpus uteri							118	1.9	4.5	**4.0**	0.36	0.44	*C54*
Uterus unspecified							13	0.2	0.5	**0.4**	0.03	0.03	*C55*
Ovary							146	2.3	5.5	**5.1**	0.41	0.51	*C56*
Other female genital organs							2	0.0	0.1	**0.1**	0.00	0.01	*C57*
Placenta							5	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	8	0.1	0.3	**0.4**	0.02	0.08							*C60*
Prostate	247	3.6	8.9	**15.1**	0.42	1.76							*C61*
Testis	20	0.3	0.7	**0.6**	0.04	0.04							*C62*
Other male genital organs	3	0.0	0.1	**0.2**	0.00	0.01							*C63*
Kidney	179	2.6	6.4	**6.8**	0.50	0.81	68	1.1	2.6	**2.4**	0.14	0.30	*C64*
Renal pelvis	15	0.2	0.5	**0.7**	0.05	0.06	2	0.0	0.1	**0.1**	0.00	0.01	*C65*
Ureter	16	0.2	0.6	**0.9**	0.03	0.11	8	0.1	0.3	**0.3**	0.02	0.02	*C66*
Bladder	212	3.1	7.6	**10.8**	0.46	1.21	52	0.8	2.0	**1.9**	0.10	0.21	*C67*
Other urinary organs	2	0.0	0.1	**0.1**	0.01	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	5	0.1	0.2	**0.4**	0.02	0.02	4	0.1	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	85	1.2	3.1	**3.6**	0.19	0.39	87	1.4	3.3	**3.2**	0.18	0.28	*C70-72*
Thyroid	233	3.4	8.4	**7.5**	0.60	0.79	1321	21.2	50.2	**40.9**	3.47	4.09	*C73*
Adrenal gland	3	0.0	0.1	**0.2**	0.01	0.01	6	0.1	0.2	**0.3**	0.02	0.02	*C74*
Other endocrine	6	0.1	0.2	**0.2**	0.01	0.01	7	0.1	0.3	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	10	0.1	0.4	**0.4**	0.03	0.06	6	0.1	0.2	**0.2**	0.02	0.03	*C81*
Non-Hodgkin lymphoma	163	2.4	5.9	**5.9**	0.40	0.64	115	1.8	4.4	**4.0**	0.27	0.46	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	35	0.5	1.3	**1.6**	0.09	0.21	28	0.4	1.1	**1.1**	0.06	0.13	*C90*
Lymphoid leukaemia	41	0.6	1.5	**2.0**	0.10	0.14	32	0.5	1.2	**1.6**	0.08	0.12	*C91*
Myeloid leukaemia	78	1.1	2.8	**2.9**	0.18	0.23	71	1.1	2.7	**2.5**	0.17	0.25	*C92-94*
Leukaemia unspecified	12	0.2	0.4	**0.6**	0.03	0.06	6	0.1	0.2	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	19	0.3	0.7	**0.7**	0.05	0.06	13	0.2	0.5	**0.4**	0.02	0.04	*MPD*
Myelodysplastic syndromes	17	0.2	0.6	**0.8**	0.05	0.09	24	0.4	0.9	**0.9**	0.06	0.09	*MDS*
Other and unspecified	78	1.1	2.8	**4.2**	0.19	0.52	66	1.1	2.5	**2.5**	0.11	0.23	*O&U*
All sites	6873		246.9	**318.5**	16.85	38.38	6337		240.6	**214.9**	14.81	23.04	*C00-96*
All sites except C44	6807	100.0	244.5	**315.0**	16.72	38.02	6242	100.0	237.0	**211.4**	14.69	22.69	*C00-96 exc. C44*

Kuwait

REGISTRATION AREA

The Kuwait Cancer Registry (KCR) covers the entire country of Kuwait. In 2011, the population was 3.6 million: 32% Kuwaiti nationals and 68% non-Kuwaitis (expatriates). The expatriates living in Kuwait are a heterogeneous and transitory group; most are from either south-eastern Asia (38%) or Arab countries (28%). The population of Kuwait is relatively young; about 50% of Kuwaiti and 25% of non-Kuwaiti residents are aged less than 20 years.

CANCER CARE FACILITIES

Kuwait is divided into five health districts: Capital, Hawalli, Farwaniya, Ahmadi, and Al-Jahra. Each district has several primary/family health care clinics and a public general hospital. There are also several centralized specialist hospitals in the country, including the Kuwait Cancer Control Center (KCCC), which is Kuwait's only oncology centre.

REGISTRY STRUCTURE AND METHODS

The registry was established at Al-Sabah Hospital in 1971 to study the incidence and morphology of cancers among the Kuwaiti population. The registry later became a unit of the KCCC, which was established in 1982. Cancer notification is mandated by ministerial regulations. Cancer registration is comprehensive because almost all resident cases not initially diagnosed or treated at the KCCC (including those initially treated at other hospitals or abroad) are ultimately referred to the KCCC for further treatment or follow-up. The registry's information sources are case notes and reports from the pathology departments of the KCCC and other hospitals. Mortality data are obtained from the Health and Vital Statistics Division of the Kuwait Ministry of Health. All coding and data entry is carried out by registry employees. The registry is staffed by a consultant cancer epidemiologist, an administrator, three cancer registrars, and a secretary.

USE OF THE DATA

The registry publishes an annual report on cancer incidence, highlighting trends and changes. Registry data are used for research and for the planning and evaluation of cancer care facilities.

CONTRIBUTORS

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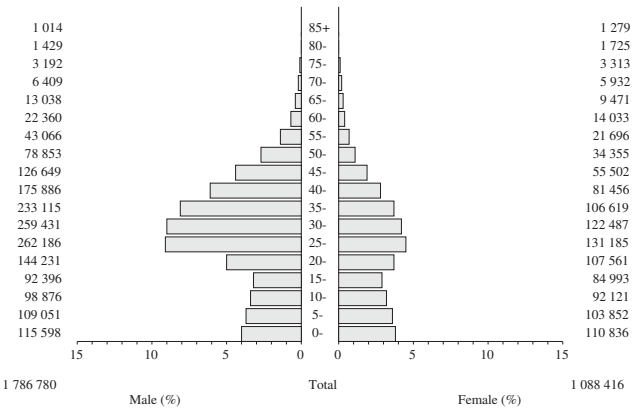
Kuwait (2003-2007)
Average annual person-years by sex and age group

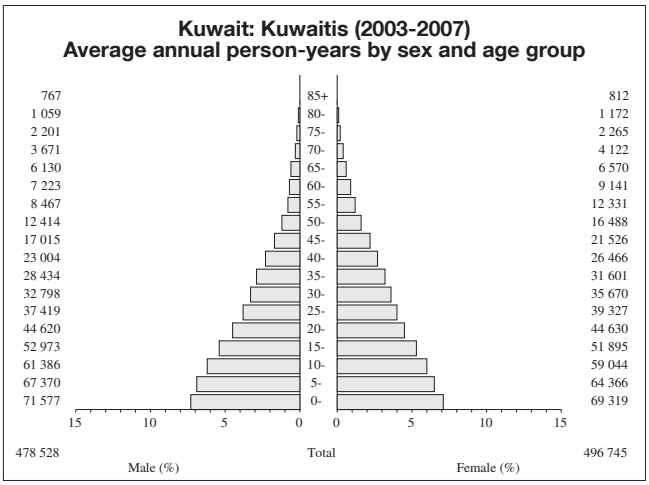


SOURCE OF POPULATION

Based on data from the Kuwait Ministry of Health's Department of Health Information and Medical Records, and on data from editions XL–XLIV of the publication *State of Kuwait* (http://www.paci.gov.kw/).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

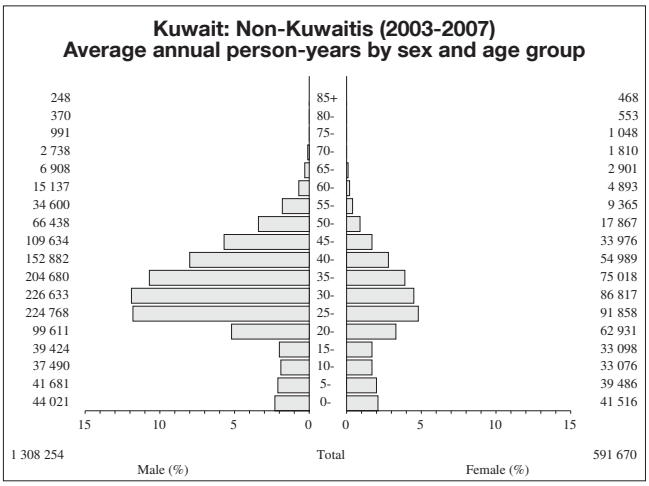
Male		Female	
Prostate	13.3	Breast	46.0
Trachea, bronchus and lung	11.1	Colon	7.9
Non-Hodgkin lymphoma	7.1	Corpus uteri	7.0
Bladder	7.0	Thyroid	6.2
Colon	6.9	Non-Hodgkin lymphoma	5.8
Liver	5.6	Ovary	5.1
Rectum	3.6	Trachea, bronchus and lung	4.7
Lymphoid leukaemia	3.6	Cervix uteri	4.6
Other and unspecified	3.3	Rectum	4.1
Myeloid leukaemia	3.3	Other and unspecified	3.9
All sites	94.1	All sites	129.4



NOTES ON THE DATA: *No official mortality data.

KUWAIT: KUWAITIS
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	14.9	Breast	50.1
Trachea, bronchus and lung	13.8	Colon	9.2
Colon	11.2	Thyroid	9.0
Non-Hodgkin lymphoma	10.9	Corpus uteri	7.8
Bladder	7.7	Non-Hodgkin lymphoma	5.9
Liver	6.0	Trachea, bronchus and lung	4.9
Rectum	5.0	Ovary	4.5
Myeloid leukaemia	4.4	Rectum	4.5
Other and unspecified	4.3	Cervix uteri	4.0
Stomach	4.2	Other and unspecified	3.8
All sites	123.6	All sites	137.7



NOTES ON THE DATA: *No official mortality data.

KUWAIT: NON-KUWAITIS
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	12.5	Breast	44.7
Trachea, bronchus and lung	8.8	Colon	7.2
Bladder	7.9	Ovary	6.3
Non-Hodgkin lymphoma	5.8	Non-Hodgkin lymphoma	6.2
Colon	5.3	Corpus uteri	6.0
Liver	5.2	Cervix uteri	5.0
Pancreas	3.4	Thyroid	4.4
Lymphoid leukaemia	3.3	Other and unspecified	4.3
Myeloid leukaemia	3.0	Trachea, bronchus and lung	4.2
Rectum	3.0	Rectum	3.9
All sites	83.2	All sites	129.2

Kuwait (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	4	0.1	0.0	**0.1**	0.00	0.01	3	0.1	0.1	**0.1**	0.00	0.00	*C00*
Tongue	30	0.8	0.3	**0.6**	0.03	0.07	15	0.4	0.3	**0.5**	0.03	0.08	*C01-02*
Mouth	17	0.5	0.2	**0.3**	0.02	0.03	14	0.4	0.3	**0.7**	0.03	0.09	*C03-06*
Salivary glands	17	0.5	0.2	**0.5**	0.02	0.05	9	0.2	0.2	**0.2**	0.02	0.02	*C07-08*
Tonsil	4	0.1	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	52	1.4	0.6	**0.7**	0.05	0.08	27	0.7	0.5	**0.8**	0.04	0.12	*C11*
Hypopharynx	8	0.2	0.1	**0.1**	0.01	0.01	2	0.1	0.0	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	26	0.7	0.3	**1.0**	0.02	0.07	15	0.4	0.3	**0.8**	0.03	0.13	*C15*
Stomach	109	3.0	1.2	**3.0**	0.15	0.26	44	1.1	0.8	**1.6**	0.09	0.21	*C16*
Small intestine	12	0.3	0.1	**0.3**	0.01	0.05	8	0.2	0.1	**0.3**	0.01	0.04	*C17*
Colon	281	7.8	3.1	**6.9**	0.36	0.92	201	5.1	3.7	**7.9**	0.45	1.05	*C18*
Rectum	154	4.3	1.7	**3.6**	0.21	0.47	110	2.8	2.0	**4.1**	0.28	0.54	*C19-20*
Anus	11	0.3	0.1	**0.1**	0.01	0.01	9	0.2	0.2	**0.3**	0.01	0.04	*C21*
Liver	156	4.3	1.7	**5.6**	0.23	0.63	43	1.1	0.8	**2.3**	0.08	0.27	*C22*
Gallbladder etc.	43	1.2	0.5	**1.2**	0.06	0.18	34	0.9	0.6	**1.6**	0.07	0.13	*C23-24*
Pancreas	92	2.6	1.0	**3.3**	0.10	0.35	65	1.6	1.2	**3.2**	0.13	0.37	*C25*
Nose, sinuses etc.	11	0.3	0.1	**0.3**	0.02	0.02	7	0.2	0.1	**0.1**	0.01	0.01	*C30-31*
Larynx	61	1.7	0.7	**1.8**	0.07	0.26	12	0.3	0.2	**0.6**	0.02	0.06	*C32*
Trachea, bronchus and lung	310	8.6	3.5	**11.1**	0.37	1.43	93	2.4	1.7	**4.7**	0.22	0.62	*C33-34*
Other thoracic organs	17	0.5	0.2	**0.4**	0.01	0.06	9	0.2	0.2	**0.3**	0.03	0.03	*C37-38*
Bone	38	1.1	0.4	**0.5**	0.04	0.04	28	0.7	0.5	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	15	0.4	0.2	**0.2**	0.02	0.03	8	0.2	0.1	**0.3**	0.02	0.04	*C43*
Other skin	63		0.7	**1.9**	0.06	0.18	27		0.5	**1.0**	0.06	0.12	*C44*
Mesothelioma	22	0.6	0.2	**0.5**	0.03	0.08	6	0.2	0.1	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	5	0.1	0.1	**0.1**	0.01	0.01	2	0.1	0.0	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	70	2.0	0.8	**0.9**	0.06	0.10	23	0.6	0.4	**0.6**	0.04	0.04	*C47+C49*
Breast	15	0.4	0.2	**0.4**	0.02	0.06	1532	38.8	28.2	**46.0**	3.39	5.38	*C50*
Vulva							10	0.3	0.2	**0.3**	0.02	0.03	*C51*
Vagina							1	0.0	0.0	**0.1**	0.00	0.00	*C52*
Cervix uteri							161	4.1	3.0	**4.6**	0.32	0.52	*C53*
Corpus uteri							156	4.0	2.9	**7.0**	0.38	0.89	*C54*
Uterus unspecified							29	0.7	0.5	**1.1**	0.07	0.12	*C55*
Ovary							152	3.9	2.8	**5.1**	0.34	0.61	*C56*
Other female genital organs							4	0.1	0.1	**0.2**	0.01	0.02	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	1	0.0	0.0	**0.1**	0.00	0.02							*C60*
Prostate	275	7.7	3.1	**13.3**	0.31	1.62							*C61*
Testis	69	1.9	0.8	**0.6**	0.05	0.05							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	93	2.6	1.0	**2.5**	0.11	0.26	47	1.2	0.9	**1.7**	0.13	0.21	*C64*
Renal pelvis	6	0.2	0.1	**0.1**	0.01	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.0	0.0	**0.0**	0.00	0.01	1	0.0	0.0	**0.1**	0.01	0.01	*C66*
Bladder	228	6.4	2.6	**7.0**	0.30	0.89	61	1.5	1.1	**3.0**	0.13	0.38	*C67*
Other urinary organs	1	0.0	0.0	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	3	0.1	0.0	**0.0**	0.00	0.00	5	0.1	0.1	**0.1**	0.00	0.00	*C69*
Brain, nervous system	132	3.7	1.5	**2.4**	0.13	0.27	62	1.6	1.1	**1.8**	0.11	0.18	*C70-72*
Thyroid	100	2.8	1.1	**1.4**	0.09	0.15	306	7.8	5.6	**6.2**	0.48	0.61	*C73*
Adrenal gland	7	0.2	0.1	**0.1**	0.01	0.01	10	0.3	0.2	**0.3**	0.01	0.03	*C74*
Other endocrine	2	0.1	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	138	3.8	1.5	**1.7**	0.11	0.13	89	2.3	1.6	**1.7**	0.10	0.13	*C81*
Non-Hodgkin lymphoma	368	10.3	4.1	**7.1**	0.39	0.79	185	4.7	3.4	**5.8**	0.39	0.66	*C82-85,C96*
Immunoproliferative diseases	4	0.1	0.0	**0.1**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	51	1.4	0.6	**1.3**	0.06	0.19	34	0.9	0.6	**1.3**	0.12	0.15	*C90*
Lymphoid leukaemia	191	5.3	2.1	**3.6**	0.20	0.25	99	2.5	1.8	**2.9**	0.12	0.29	*C91*
Myeloid leukaemia	199	5.5	2.2	**3.3**	0.17	0.35	104	2.6	1.9	**2.6**	0.18	0.27	*C92-94*
Leukaemia unspecified	5	0.1	0.1	**0.2**	0.00	0.02	3	0.1	0.1	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	7	0.2	0.1	**0.2**	0.01	0.01	4	0.1	0.1	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	10	0.3	0.1	**0.2**	0.01	0.01	6	0.2	0.1	**0.2**	0.01	0.02	*MDS*
Other and unspecified	117	3.3	1.3	**3.3**	0.12	0.35	96	2.4	1.8	**3.9**	0.22	0.45	*O&U*
All sites	3651		40.9	**94.1**	4.06	10.89	3975		73.0	**129.4**	8.29	15.11	*C00-96*
All sites except C44	3588	100.0	40.2	**92.2**	3.99	10.71	3948	100.0	72.5	**128.4**	8.23	14.99	*C00-96 exc. C44*

*Kuwait: Kuwaitis (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.1	0.0	**0.1**	0.00	0.02	2	0.1	0.1	**0.2**	0.00	0.00	*C00*
Tongue	9	0.6	0.4	**0.7**	0.02	0.09	8	0.4	0.3	**0.5**	0.04	0.06	*C01-02*
Mouth	5	0.3	0.2	**0.4**	0.02	0.03	6	0.3	0.2	**0.6**	0.01	0.09	*C03-06*
Salivary glands	4	0.3	0.2	**0.4**	0.00	0.02	5	0.2	0.2	**0.2**	0.02	0.02	*C07-08*
Tonsil	2	0.1	0.1	**0.2**	0.02	0.02	1	0.0	0.0	**0.1**	0.01	0.01	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	30	1.9	1.3	**1.8**	0.14	0.19	15	0.7	0.6	**0.9**	0.06	0.12	*C11*
Hypopharynx	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.1**	0.00	0.02	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	12	0.8	0.5	**1.1**	0.03	0.10	9	0.4	0.4	**0.8**	0.01	0.14	*C15*
Stomach	48	3.1	2.0	**4.2**	0.27	0.38	23	1.1	0.9	**1.5**	0.09	0.19	*C16*
Small intestine	7	0.4	0.3	**0.6**	0.04	0.11	2	0.1	0.1	**0.2**	0.01	0.02	*C17*
Colon	128	8.2	5.3	**11.2**	0.73	1.45	130	6.1	5.2	**9.2**	0.58	1.17	*C18*
Rectum	56	3.6	2.3	**5.0**	0.32	0.65	65	3.0	2.6	**4.5**	0.35	0.56	*C19-20*
Anus	4	0.3	0.2	**0.3**	0.04	0.04	6	0.3	0.2	**0.4**	0.01	0.06	*C21*
Liver	66	4.2	2.8	**6.0**	0.21	0.78	25	1.2	1.0	**2.2**	0.07	0.25	*C22*
Gallbladder etc.	21	1.3	0.9	**2.1**	0.13	0.31	19	0.9	0.8	**1.5**	0.05	0.12	*C23-24*
Pancreas	42	2.7	1.8	**3.9**	0.16	0.46	39	1.8	1.6	**3.0**	0.15	0.39	*C25*
Nose, sinuses etc.	3	0.2	0.1	**0.2**	0.02	0.02	3	0.1	0.1	**0.1**	0.01	0.01	*C30-31*
Larynx	25	1.6	1.0	**2.3**	0.10	0.34	3	0.1	0.1	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	143	9.2	6.0	**13.8**	0.45	1.87	59	2.8	2.4	**4.9**	0.22	0.68	*C33-34*
Other thoracic organs	10	0.6	0.4	**0.7**	0.03	0.11	6	0.3	0.2	**0.3**	0.03	0.03	*C37-38*
Bone	20	1.3	0.8	**0.8**	0.06	0.06	16	0.7	0.6	**0.6**	0.05	0.05	*C40-41*
Melanoma of skin	2	0.1	0.1	**0.1**	0.00	0.02	3	0.1	0.1	**0.2**	0.01	0.02	*C43*
Other skin	18		0.8	**1.5**	0.06	0.13	20		0.8	**1.3**	0.08	0.15	*C44*
Mesothelioma	4	0.3	0.2	**0.3**	0.02	0.04	1	0.0	0.0	**0.1**	0.00	0.00	*C45*
Kaposi sarcoma	4	0.3	0.2	**0.3**	0.03	0.03	2	0.1	0.1	**0.2**	0.00	0.02	*C46*
Connective and soft tissue	20	1.3	0.8	**1.2**	0.07	0.13	12	0.6	0.5	**0.6**	0.05	0.05	*C47+C49*
Breast	6	0.4	0.3	**0.6**	0.05	0.08	791	37.0	31.8	**50.1**	3.86	5.67	*C50*
Vulva							6	0.3	0.2	**0.4**	0.02	0.04	*C51*
Vagina							1	0.0	0.0	**0.1**	0.00	0.00	*C52*
Cervix uteri							60	2.8	2.4	**4.0**	0.27	0.44	*C53*
Corpus uteri							102	4.8	4.1	**7.8**	0.47	0.97	*C54*
Uterus unspecified							18	0.8	0.7	**1.3**	0.09	0.15	*C55*
Ovary							71	3.3	2.9	**4.5**	0.28	0.50	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	145	9.3	6.1	**14.9**	0.46	1.81							*C61*
Testis	30	1.9	1.3	**1.3**	0.11	0.11							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	50	3.2	2.1	**4.1**	0.21	0.45	27	1.3	1.1	**1.8**	0.15	0.22	*C64*
Renal pelvis	2	0.1	0.1	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.1	0.0	**0.1**	0.00	0.02	1	0.0	0.0	**0.1**	0.01	0.01	*C66*
Bladder	87	5.6	3.6	**7.7**	0.45	0.91	33	1.5	1.3	**2.7**	0.10	0.35	*C67*
Other urinary organs	1	0.1	0.0	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	61	3.9	2.5	**3.8**	0.24	0.42	40	1.9	1.6	**2.1**	0.14	0.18	*C70-72*
Thyroid	44	2.8	1.8	**2.8**	0.23	0.28	182	8.5	7.3	**9.0**	0.71	0.88	*C73*
Adrenal gland	4	0.3	0.2	**0.1**	0.01	0.01	8	0.4	0.3	**0.4**	0.02	0.04	*C74*
Other endocrine	1	0.1	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.1**	0.00	0.02	*C75*
Hodgkin lymphoma	66	4.2	2.8	**3.1**	0.21	0.24	49	2.3	2.0	**1.9**	0.12	0.16	*C81*
Non-Hodgkin lymphoma	163	10.4	6.8	**10.9**	0.72	1.14	97	4.5	3.9	**5.9**	0.42	0.64	*C82-85,C96*
Immunoproliferative diseases	2	0.1	0.1	**0.2**	0.01	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	18	1.2	0.8	**1.6**	0.10	0.21	20	0.9	0.8	**1.4**	0.12	0.16	*C90*
Lymphoid leukaemia	84	5.4	3.5	**3.5**	0.16	0.24	54	2.5	2.2	**2.5**	0.11	0.27	*C91*
Myeloid leukaemia	70	4.5	2.9	**4.4**	0.27	0.45	53	2.5	2.1	**2.7**	0.20	0.28	*C92-94*
Leukaemia unspecified	2	0.1	0.1	**0.2**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	3	0.2	0.1	**0.3**	0.01	0.01	2	0.1	0.1	**0.2**	0.02	0.02	*MPD*
Myelodysplastic syndromes	5	0.3	0.2	**0.3**	0.02	0.02	5	0.2	0.2	**0.3**	0.02	0.04	*MDS*
Other and unspecified	49	3.1	2.0	**4.3**	0.18	0.46	52	2.4	2.1	**3.8**	0.24	0.45	*O&U*
All sites	1578		66.0	**123.6**	6.42	14.31	2158		86.9	**137.7**	9.28	15.74	*C00-96*
All sites except C44	1560	100.0	65.2	**122.1**	6.36	14.18	2138	100.0	86.1	**136.4**	9.20	15.59	*C00-96 exc. C44*

*See note following population pyramid

*Kuwait: Non-Kuwaitis (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.1	0.0	**0.0**	0.00	0.00	1	0.1	0.0	**0.0**	0.00	0.00	*C00*
Tongue	21	1.0	0.3	**0.4**	0.03	0.06	7	0.4	0.2	**0.6**	0.02	0.13	*C01-02*
Mouth	12	0.6	0.2	**0.3**	0.03	0.03	8	0.4	0.3	**0.8**	0.07	0.07	*C03-06*
Salivary glands	13	0.6	0.2	**0.6**	0.02	0.07	4	0.2	0.1	**0.2**	0.02	0.02	*C07-08*
Tonsil	2	0.1	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	22	1.1	0.3	**0.4**	0.03	0.05	12	0.7	0.4	**1.0**	0.02	0.17	*C11*
Hypopharynx	8	0.4	0.1	**0.1**	0.01	0.01	1	0.1	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	14	0.7	0.2	**1.0**	0.01	0.05	6	0.3	0.2	**0.7**	0.06	0.09	*C15*
Stomach	61	3.0	0.9	**2.6**	0.11	0.24	21	1.2	0.7	**2.0**	0.10	0.25	*C16*
Small intestine	5	0.2	0.1	**0.1**	0.01	0.01	6	0.3	0.2	**0.4**	0.02	0.05	*C17*
Colon	153	7.5	2.3	**5.3**	0.26	0.66	71	3.9	2.4	**7.2**	0.33	0.95	*C18*
Rectum	98	4.8	1.5	**3.0**	0.18	0.37	45	2.5	1.5	**3.9**	0.20	0.56	*C19-20*
Anus	7	0.3	0.1	**0.1**	0.01	0.01	3	0.2	0.1	**0.1**	0.01	0.01	*C21*
Liver	90	4.4	1.4	**5.2**	0.23	0.44	18	1.0	0.6	**2.2**	0.09	0.30	*C22*
Gallbladder etc.	22	1.1	0.3	**0.8**	0.04	0.08	15	0.8	0.5	**2.0**	0.12	0.17	*C23-24*
Pancreas	50	2.5	0.8	**3.4**	0.08	0.30	26	1.4	0.9	**3.9**	0.12	0.37	*C25*
Nose, sinuses etc.	8	0.4	0.1	**0.2**	0.01	0.03	4	0.2	0.1	**0.1**	0.01	0.01	*C30-31*
Larynx	36	1.8	0.6	**1.3**	0.07	0.20	9	0.5	0.3	**1.4**	0.03	0.15	*C32*
Trachea, bronchus and lung	167	8.2	2.6	**8.8**	0.36	1.01	34	1.9	1.1	**4.2**	0.20	0.50	*C33-34*
Other thoracic organs	7	0.3	0.1	**0.3**	0.01	0.01	3	0.2	0.1	**0.2**	0.02	0.02	*C37-38*
Bone	18	0.9	0.3	**0.4**	0.02	0.02	12	0.7	0.4	**0.6**	0.03	0.03	*C40-41*
Melanoma of skin	13	0.6	0.2	**0.3**	0.02	0.03	5	0.3	0.2	**0.5**	0.03	0.07	*C43*
Other skin	45		0.7	**2.5**	0.07	0.25	7		0.2	**0.7**	0.04	0.07	*C44*
Mesothelioma	18	0.9	0.3	**0.9**	0.04	0.11	5	0.3	0.2	**0.6**	0.02	0.07	*C45*
Kaposi sarcoma	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	50	2.5	0.8	**0.8**	0.06	0.07	11	0.6	0.4	**0.6**	0.02	0.02	*C47+C49*
Breast	9	0.4	0.1	**0.5**	0.01	0.06	741	40.9	25.0	**44.7**	3.02	5.43	*C50*
Vulva							4	0.2	0.1	**0.3**	0.03	0.03	*C51*
Vagina							0	0.0	0.0	**0.0**	0.00	0.00	*C52*
Cervix uteri							101	5.6	3.4	**5.0**	0.35	0.62	*C53*
Corpus uteri							54	3.0	1.8	**6.0**	0.28	0.82	*C54*
Uterus unspecified							11	0.6	0.4	**0.7**	0.05	0.05	*C55*
Ovary							81	4.5	2.7	**6.3**	0.43	0.85	*C56*
Other female genital organs							4	0.2	0.1	**0.4**	0.02	0.06	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	1	0.0	0.0	**0.1**	0.00	0.04							*C60*
Prostate	130	6.4	2.0	**12.5**	0.26	1.50							*C61*
Testis	39	1.9	0.6	**0.5**	0.03	0.03							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	43	2.1	0.7	**1.5**	0.08	0.17	20	1.1	0.7	**1.7**	0.11	0.20	*C64*
Renal pelvis	4	0.2	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	141	7.0	2.2	**7.9**	0.26	1.05	28	1.5	0.9	**3.6**	0.17	0.43	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	3	0.1	0.0	**0.1**	0.00	0.00	4	0.2	0.1	**0.2**	0.01	0.01	*C69*
Brain, nervous system	71	3.5	1.1	**1.9**	0.10	0.23	22	1.2	0.7	**1.7**	0.10	0.22	*C70-72*
Thyroid	56	2.8	0.9	**0.9**	0.06	0.11	124	6.9	4.2	**4.4**	0.34	0.38	*C73*
Adrenal gland	3	0.1	0.0	**0.1**	0.00	0.00	2	0.1	0.1	**0.1**	0.00	0.00	*C74*
Other endocrine	1	0.0	0.0	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	72	3.6	1.1	**1.3**	0.09	0.10	40	2.2	1.4	**1.4**	0.10	0.10	*C81*
Non-Hodgkin lymphoma	205	10.1	3.1	**5.8**	0.30	0.70	88	4.9	3.0	**6.2**	0.36	0.76	*C82-85,C96*
Immunoproliferative diseases	2	0.1	0.0	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	33	1.6	0.5	**1.3**	0.04	0.21	14	0.8	0.5	**1.3**	0.13	0.13	*C90*
Lymphoid leukaemia	107	5.3	1.6	**3.3**	0.20	0.22	45	2.5	1.5	**3.5**	0.14	0.30	*C91*
Myeloid leukaemia	129	6.4	2.0	**3.0**	0.14	0.35	51	2.8	1.7	**3.0**	0.18	0.29	*C92-94*
Leukaemia unspecified	3	0.1	0.0	**0.2**	0.00	0.04	2	0.1	0.1	**0.2**	0.00	0.00	*C95*
Myeloproliferative disorders	4	0.2	0.1	**0.2**	0.01	0.02	2	0.1	0.1	**0.1**	0.00	0.00	*MPD*
Myelodysplastic syndromes	5	0.2	0.1	**0.4**	0.00	0.00	1	0.1	0.0	**0.1**	0.00	0.00	*MDS*
Other and unspecified	68	3.4	1.0	**2.7**	0.10	0.29	44	2.4	1.5	**4.3**	0.20	0.48	*O&U*
All sites	2073		31.7	**83.2**	3.44	9.27	1817		61.4	**129.2**	7.62	15.25	*C00-96*
All sites except C44	2028	100.0	31.0	**80.7**	3.37	9.02	1810	100.0	61.2	**128.4**	7.58	15.17	*C00-96 exc. C44*

*See note following population pyramid

Malaysia, Penang

REGISTRATION AREA

The Penang Cancer Registry (PCR) covers the state of Penang in the north-west of Peninsular Malaysia. The state has a population of slightly more than 1 million and consists of an island and a strip of mainland, with a total land area of 1149 km^2. The island (about 300 km^2) is linked to the mainland by a 13.5 km bridge. Penang has five health districts: Timur Laut and Barat Daya on the island and Seberang Perai Utara, Seberang Perai Tengah, and Seberang Perai Selatan on the mainland. The population is 45% Chinese, 45% Malay, 10% Indian, and 0.4% of other ethnicities. Penang has a higher average economic attainment and per capita income than most other Malaysian states.

CANCER CARE FACILITIES

Penang serves as a hub for cancer care not only for its own residents but also for patients from nearby states (e.g. Kedah, Perlis, and Perak) and neighbouring countries (e.g. Indonesia).

REGISTRY STRUCTURE AND METHODS

The PCR was established in 1994 and was the first regional population-based registry in Malaysia. Registration is based primarily on voluntary notification. The registry records basic epidemiological and clinical data on all cancer cases diagnosed in Penang (regardless of citizenship, place of residence, or basis of diagnosis). However, only cases occurring in Penang residents (Malaysian citizens or permanent residents living in Penang at the time of diagnosis) are included in data analysis. The registry receives notifications (submitted using a standardized notification form) from all types of medical facilities in Penang. To ensure data completeness, active case finding and routine checks are carried out using discharge records from public and private hospitals and pathology records from public and private laboratories, supplemented by case detection from death records (provided by the state's registration department). Any cases identified from pathology or death records are checked against previously registered cases. Additional missing data for these cases are also obtained by review of the relevant hospital records.

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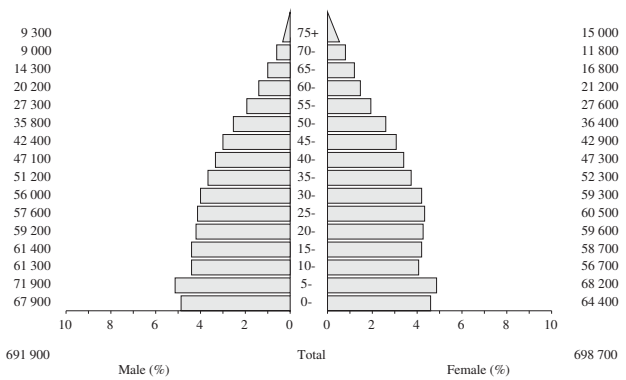
Malaysia, Penang (2004-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

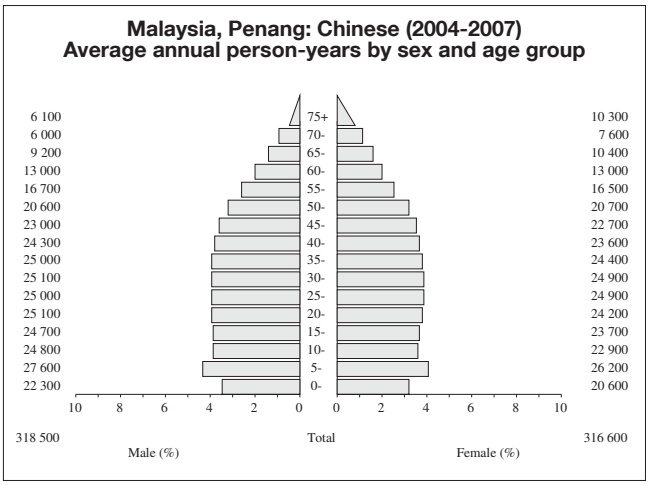
A 2005 estimate based on the projected population from census year 2000, limited to Malaysian citizens and permanent residents living in Penang.

NOTES ON THE DATA

*No official mortality data. No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

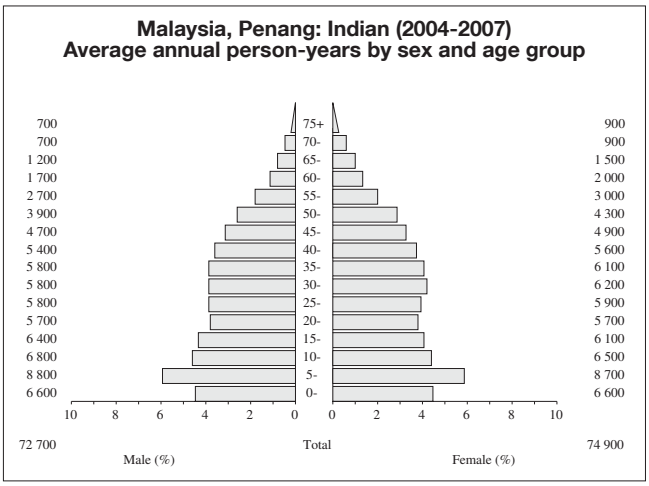
Male		Female	
Trachea, bronchus and lung	28.4	Breast	49.8
Prostate	15.0	Cervix uteri	12.5
Colon	14.8	Colon	11.8
Rectum	10.6	Trachea, bronchus and lung	9.0
Stomach	8.8	Ovary	8.2
Nasopharynx	8.5	Corpus uteri	7.0
Liver	8.1	Rectum	6.8
Bladder	7.3	Stomach	4.8
Other and unspecified	5.9	Other and unspecified	3.9
Non-Hodgkin lymphoma	5.2	Liver	3.7
All sites	156.4	All sites	153.9



NOTES ON THE DATA: *No official mortality data. No DCO registrations.

MALAYSIA: CHINESE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

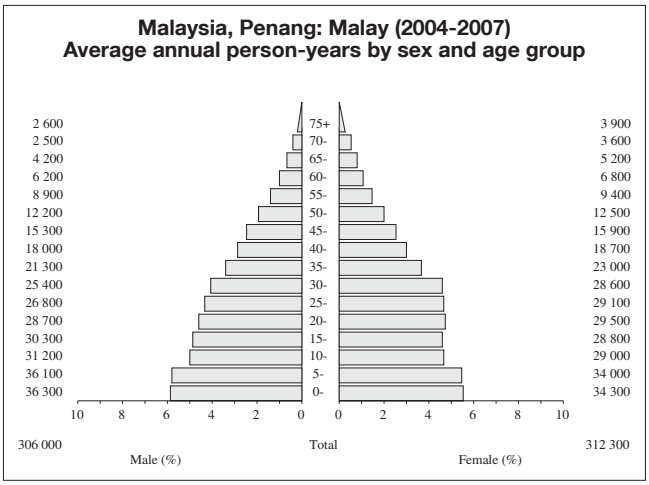
Male		Female	
Trachea, bronchus and lung	32.2	Breast	57.5
Colon	18.2	Colon	15.2
Prostate	17.7	Cervix uteri	14.8
Nasopharynx	12.9	Trachea, bronchus and lung	11.3
Rectum	12.0	Ovary	8.1
Stomach	10.8	Rectum	7.8
Liver	10.5	Corpus uteri	6.3
Bladder	6.9	Stomach	5.7
Other and unspecified	6.7	Other and unspecified	4.0
Non-melanoma skin cancer	5.7	Non-Hodgkin lymphoma	4.0
All sites	179.4	All sites	175.6



NOTES ON THE DATA: *No official mortality data. No DCO registrations.

MALAYSIA: INDIAN
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	18.8	Breast	53.6
Colon	13.1	Corpus uteri	15.8
Prostate	11.3	Cervix uteri	14.0
Stomach	8.7	Ovary	11.2
Bladder	6.9	Stomach	7.1
Rectum	5.9	Colon	6.4
Tongue	5.4	Trachea, bronchus and lung	5.7
Larynx	5.3	Liver	5.4
Oesophagus	5.0	Rectum	5.3
Hypopharynx	4.9	Other and unspecified	5.0
All sites	128.5	All sites	171.3



NOTES ON THE DATA: *No official mortality data. No DCO registrations.

MALAYSIA: MALAY
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	19.9	Breast	31.3
Prostate	8.5	Cervix uteri	7.3
Rectum	7.8	Ovary	6.6
Bladder	7.6	Colon	5.4
Colon	7.1	Corpus uteri	5.1
Other and unspecified	4.5	Rectum	4.8
Liver	4.3	Trachea, bronchus and lung	4.4
Non-Hodgkin lymphoma	4.2	Other and unspecified	2.9
Stomach	3.5	Non-Hodgkin lymphoma	2.8
Brain, nervous system	3.3	Liver	2.4
All sites	104.1	All sites	97.3

*Malaysia, Penang (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	2	0.1	0.1	**0.1**	0.00	0.00	2	0.0	0.1	**0.1**	0.00	0.00	*C00*
Tongue	32	0.9	1.2	**1.4**	0.06	0.20	19	0.5	0.7	**0.7**	0.05	0.07	*C01-02*
Mouth	24	0.7	0.9	**1.1**	0.06	0.13	17	0.4	0.6	**0.7**	0.03	0.08	*C03-06*
Salivary glands	14	0.4	0.5	**0.6**	0.04	0.08	13	0.3	0.5	**0.5**	0.04	0.04	*C07-08*
Tonsil	11	0.3	0.4	**0.5**	0.05	0.06	9	0.2	0.3	**0.3**	0.02	0.05	*C09*
Other oropharynx	8	0.2	0.3	**0.4**	0.02	0.05	2	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	220	6.5	7.9	**8.5**	0.64	0.93	79	1.9	2.8	**2.9**	0.24	0.32	*C11*
Hypopharynx	18	0.5	0.7	**0.9**	0.03	0.16	3	0.1	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	3	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	57	1.7	2.1	**2.7**	0.13	0.34	30	0.7	1.1	**1.2**	0.04	0.13	*C15*
Stomach	189	5.6	6.8	**8.8**	0.39	1.00	128	3.1	4.6	**4.8**	0.21	0.52	*C16*
Small intestine	10	0.3	0.4	**0.5**	0.03	0.05	7	0.2	0.3	**0.2**	0.01	0.03	*C17*
Colon	317	9.4	11.5	**14.8**	0.62	1.77	313	7.7	11.2	**11.8**	0.55	1.37	*C18*
Rectum	232	6.9	8.4	**10.6**	0.58	1.26	177	4.3	6.3	**6.8**	0.41	0.85	*C19-20*
Anus	6	0.2	0.2	**0.3**	0.01	0.03	6	0.1	0.2	**0.2**	0.02	0.03	*C21*
Liver	187	5.5	6.8	**8.1**	0.48	0.95	96	2.4	3.4	**3.7**	0.16	0.44	*C22*
Gallbladder etc.	24	0.7	0.9	**1.1**	0.07	0.15	29	0.7	1.0	**1.2**	0.03	0.14	*C23-24*
Pancreas	74	2.2	2.7	**3.4**	0.15	0.32	61	1.5	2.2	**2.4**	0.16	0.28	*C25*
Nose, sinuses etc.	15	0.4	0.5	**0.7**	0.03	0.06	4	0.1	0.1	**0.2**	0.01	0.02	*C30-31*
Larynx	73	2.2	2.6	**3.5**	0.15	0.44	5	0.1	0.2	**0.2**	0.01	0.01	*C32*
Trachea, bronchus and lung	610	18.0	22.0	**28.4**	1.35	3.47	231	5.7	8.3	**9.0**	0.51	1.10	*C33-34*
Other thoracic organs	19	0.6	0.7	**0.8**	0.05	0.08	11	0.3	0.4	**0.4**	0.03	0.05	*C37-38*
Bone	45	1.3	1.6	**1.7**	0.11	0.18	27	0.7	1.0	**1.0**	0.06	0.10	*C40-41*
Melanoma of skin	8	0.2	0.3	**0.3**	0.02	0.03	12	0.3	0.4	**0.4**	0.02	0.06	*C43*
Other skin	103		3.7	**4.7**	0.20	0.56	79		2.8	**3.0**	0.17	0.31	*C44*
Mesothelioma	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	2	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	35	1.0	1.3	**1.4**	0.08	0.12	30	0.7	1.1	**1.1**	0.06	0.13	*C47+C49*
Breast	13	0.4	0.5	**0.6**	0.03	0.09	1374	33.7	49.2	**49.8**	4.03	5.42	*C50*
Vulva							10	0.2	0.4	**0.4**	0.02	0.05	*C51*
Vagina							9	0.2	0.3	**0.3**	0.01	0.03	*C52*
Cervix uteri							342	8.4	12.2	**12.5**	0.92	1.44	*C53*
Corpus uteri							188	4.6	6.7	**7.0**	0.55	0.84	*C54*
Uterus unspecified							12	0.3	0.4	**0.5**	0.04	0.06	*C55*
Ovary							228	5.6	8.2	**8.2**	0.64	0.89	*C56*
Other female genital organs							3	0.1	0.1	**0.1**	0.01	0.02	*C57*
Placenta							3	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	9	0.3	0.3	**0.5**	0.01	0.05							*C60*
Prostate	290	8.6	10.5	**15.0**	0.28	1.78							*C61*
Testis	30	0.9	1.1	**1.1**	0.07	0.09							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	78	2.3	2.8	**3.3**	0.21	0.41	44	1.1	1.6	**1.7**	0.12	0.20	*C64*
Renal pelvis	4	0.1	0.1	**0.2**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	4	0.1	0.1	**0.2**	0.00	0.02	4	0.1	0.1	**0.1**	0.01	0.01	*C66*
Bladder	157	4.6	5.7	**7.3**	0.30	0.83	45	1.1	1.6	**1.7**	0.06	0.21	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.1	0.1	**0.1**	0.00	0.00	6	0.1	0.2	**0.2**	0.01	0.02	*C69*
Brain, nervous system	78	2.3	2.8	**3.0**	0.21	0.27	62	1.5	2.2	**2.3**	0.14	0.22	*C70-72*
Thyroid	26	0.8	0.9	**1.1**	0.06	0.12	75	1.8	2.7	**2.6**	0.18	0.28	*C73*
Adrenal gland	4	0.1	0.1	**0.2**	0.02	0.02	3	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	6	0.2	0.2	**0.2**	0.02	0.02	2	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	31	0.9	1.1	**1.2**	0.07	0.09	10	0.2	0.4	**0.4**	0.02	0.03	*C81*
Non-Hodgkin lymphoma	125	3.7	4.5	**5.2**	0.34	0.58	96	2.4	3.4	**3.5**	0.22	0.42	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	13	0.4	0.5	**0.7**	0.03	0.11	18	0.4	0.6	**0.7**	0.03	0.12	*C90*
Lymphoid leukaemia	54	1.6	2.0	**2.0**	0.11	0.18	33	0.8	1.2	**1.3**	0.07	0.09	*C91*
Myeloid leukaemia	63	1.9	2.3	**2.4**	0.14	0.28	80	2.0	2.9	**2.9**	0.22	0.27	*C92-94*
Leukaemia unspecified	22	0.7	0.8	**1.0**	0.05	0.06	9	0.2	0.3	**0.3**	0.02	0.03	*C95*
Myeloproliferative disorders	2	0.1	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.00	0.02	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	134	4.0	4.8	**5.9**	0.32	0.66	105	2.6	3.8	**3.9**	0.24	0.43	*O&U*
All sites	3485		125.9	**156.4**	7.62	18.12	4155		148.7	**153.9**	10.46	17.29	*C00-96*
All sites except C44	3382	100.0	122.2	**151.7**	7.42	17.57	4076	100.0	145.8	**150.9**	10.29	16.98	*C00-96 exc. C44*

*See note following population pyramid

*Malaysia, Penang: Chinese (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	15	0.6	1.2	**1.1**	0.06	0.15	10	0.4	0.8	**0.6**	0.05	0.05	*C01-02*
Mouth	14	0.6	1.1	**1.0**	0.05	0.10	6	0.2	0.5	**0.3**	0.02	0.04	*C03-06*
Salivary glands	10	0.4	0.8	**0.7**	0.05	0.09	10	0.4	0.8	**0.6**	0.05	0.06	*C07-08*
Tonsil	10	0.4	0.8	**0.7**	0.07	0.09	3	0.1	0.2	**0.2**	0.02	0.03	*C09*
Other oropharynx	5	0.2	0.4	**0.4**	0.02	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	194	8.3	15.2	**12.9**	1.03	1.40	60	2.2	4.7	**4.0**	0.34	0.44	*C11*
Hypopharynx	8	0.3	0.6	**0.6**	0.03	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.1	0.2	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	36	1.5	2.8	**2.7**	0.12	0.35	13	0.5	1.0	**0.8**	0.02	0.08	*C15*
Stomach	143	6.1	11.2	**10.8**	0.46	1.22	95	3.6	7.5	**5.7**	0.26	0.59	*C16*
Small intestine	7	0.3	0.5	**0.5**	0.03	0.05	5	0.2	0.4	**0.3**	0.02	0.04	*C17*
Colon	241	10.3	18.9	**18.2**	0.76	2.21	247	9.3	19.5	**15.2**	0.68	1.73	*C18*
Rectum	165	7.1	13.0	**12.0**	0.67	1.40	124	4.6	9.8	**7.8**	0.44	0.96	*C19-20*
Anus	2	0.1	0.2	**0.2**	0.00	0.03	2	0.1	0.2	**0.1**	0.00	0.01	*C21*
Liver	146	6.3	11.5	**10.5**	0.64	1.25	61	2.3	4.8	**3.9**	0.15	0.47	*C22*
Gallbladder etc.	14	0.6	1.1	**1.1**	0.06	0.16	24	0.9	1.9	**1.5**	0.04	0.17	*C23-24*
Pancreas	57	2.4	4.5	**4.3**	0.18	0.38	42	1.6	3.3	**2.8**	0.18	0.32	*C25*
Nose, sinuses etc.	10	0.4	0.8	**0.7**	0.04	0.06	2	0.1	0.2	**0.1**	0.00	0.02	*C30-31*
Larynx	50	2.1	3.9	**3.8**	0.16	0.47	3	0.1	0.2	**0.2**	0.01	0.01	*C32*
Trachea, bronchus and lung	430	18.4	33.8	**32.2**	1.48	4.06	177	6.6	14.0	**11.3**	0.66	1.42	*C33-34*
Other thoracic organs	14	0.6	1.1	**1.0**	0.07	0.11	7	0.3	0.6	**0.5**	0.05	0.06	*C37-38*
Bone	32	1.4	2.5	**2.4**	0.14	0.25	18	0.7	1.4	**1.2**	0.07	0.13	*C40-41*
Melanoma of skin	5	0.2	0.4	**0.4**	0.03	0.05	6	0.2	0.5	**0.4**	0.01	0.05	*C43*
Other skin	76		6.0	**5.7**	0.21	0.67	61		4.8	**3.7**	0.22	0.37	*C44*
Mesothelioma	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	2	0.1	0.2	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	18	0.8	1.4	**1.3**	0.08	0.10	18	0.7	1.4	**1.3**	0.06	0.16	*C47+C49*
Breast	9	0.4	0.7	**0.7**	0.03	0.10	896	33.6	70.8	**57.5**	4.64	6.26	*C50*
Vulva							5	0.2	0.4	**0.3**	0.01	0.04	*C51*
Vagina							4	0.1	0.3	**0.2**	0.00	0.01	*C52*
Cervix uteri							231	8.7	18.2	**14.8**	1.11	1.67	*C53*
Corpus uteri							99	3.7	7.8	**6.3**	0.50	0.74	*C54*
Uterus unspecified							7	0.3	0.6	**0.5**	0.05	0.06	*C55*
Ovary							124	4.6	9.8	**8.1**	0.64	0.90	*C56*
Other female genital organs							1	0.0	0.1	**0.1**	0.01	0.01	*C57*
Placenta							2	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	6	0.3	0.5	**0.5**	0.02	0.06							*C60*
Prostate	222	9.5	17.4	**17.7**	0.33	2.08							*C61*
Testis	10	0.4	0.8	**0.7**	0.05	0.05							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	57	2.4	4.5	**4.0**	0.26	0.47	31	1.2	2.4	**2.1**	0.15	0.26	*C64*
Renal pelvis	3	0.1	0.2	**0.2**	0.01	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	4	0.2	0.3	**0.3**	0.00	0.03	4	0.1	0.3	**0.2**	0.01	0.01	*C66*
Bladder	91	3.9	7.1	**6.9**	0.27	0.79	33	1.2	2.6	**2.0**	0.07	0.22	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.1	0.2	**0.2**	0.01	0.01	3	0.1	0.2	**0.3**	0.01	0.03	*C69*
Brain, nervous system	39	1.7	3.1	**2.9**	0.21	0.26	38	1.4	3.0	**3.0**	0.18	0.26	*C70-72*
Thyroid	12	0.5	0.9	**0.9**	0.05	0.09	43	1.6	3.4	**2.9**	0.21	0.29	*C73*
Adrenal gland	2	0.1	0.2	**0.1**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	3	0.1	0.2	**0.2**	0.02	0.02	2	0.1	0.2	**0.1**	0.02	0.02	*C75*
Hodgkin lymphoma	8	0.3	0.6	**0.6**	0.03	0.05	6	0.2	0.5	**0.4**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	77	3.3	6.0	**5.6**	0.33	0.63	61	2.3	4.8	**4.0**	0.23	0.46	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	7	0.3	0.5	**0.5**	0.03	0.08	11	0.4	0.9	**0.7**	0.02	0.12	*C90*
Lymphoid leukaemia	22	0.9	1.7	**1.9**	0.08	0.19	19	0.7	1.5	**1.7**	0.09	0.12	*C91*
Myeloid leukaemia	31	1.3	2.4	**2.3**	0.13	0.26	44	1.6	3.5	**3.1**	0.21	0.29	*C92-94*
Leukaemia unspecified	7	0.3	0.5	**0.7**	0.02	0.05	7	0.3	0.6	**0.5**	0.03	0.03	*C95*
Myeloproliferative disorders	1	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.1	**0.1**	0.00	0.02	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	90	3.9	7.1	**6.7**	0.39	0.69	63	2.4	5.0	**4.0**	0.26	0.40	*O&U*
All sites	2410		189.2	**179.4**	8.76	20.78	2730		215.6	**175.6**	11.81	19.48	*C00-96*
All sites except C44	2334	100.0	183.2	**173.7**	8.54	20.10	2669	100.0	210.8	**171.9**	11.59	19.10	*C00-96 exc. C44*

*See note following population pyramid

*Malaysia, Penang: Indian (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	11	4.3	3.8	**5.4**	0.14	0.91	4	0.9	1.3	**1.9**	0.10	0.19	*C01-02*
Mouth	7	2.7	2.4	**4.0**	0.09	0.58	10	2.2	3.3	**4.8**	0.13	0.66	*C03-06*
Salivary glands	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.3	**0.3**	0.03	0.03	*C07-08*
Tonsil	1	0.4	0.3	**0.3**	0.02	0.02	4	0.9	1.3	**1.4**	0.07	0.21	*C09*
Other oropharynx	1	0.4	0.3	**0.3**	0.02	0.02	1	0.2	0.3	**0.3**	0.03	0.03	*C10*
Nasopharynx	3	1.2	1.0	**2.1**	0.00	0.36	4	0.9	1.3	**1.7**	0.17	0.17	*C11*
Hypopharynx	7	2.7	2.4	**4.9**	0.07	1.14	3	0.7	1.0	**1.2**	0.05	0.05	*C12-13*
Pharynx unspecified	1	0.4	0.3	**0.6**	0.07	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	9	3.5	3.1	**5.0**	0.29	0.78	9	2.0	3.0	**3.9**	0.27	0.27	*C15*
Stomach	18	7.0	6.2	**8.7**	0.45	1.12	15	3.4	5.0	**7.1**	0.33	0.72	*C16*
Small intestine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C17*
Colon	26	10.2	8.9	**13.1**	0.56	1.48	17	3.8	5.7	**6.4**	0.37	0.68	*C18*
Rectum	12	4.7	4.1	**5.9**	0.29	0.61	12	2.7	4.0	**5.3**	0.28	0.78	*C19-20*
Anus	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.3	**0.3**	0.03	0.03	*C21*
Liver	8	3.1	2.8	**3.5**	0.19	0.30	12	2.7	4.0	**5.4**	0.25	0.55	*C22*
Gallbladder etc.	2	0.8	0.7	**1.3**	0.07	0.07	1	0.2	0.3	**0.5**	0.00	0.08	*C23-24*
Pancreas	5	2.0	1.7	**2.3**	0.10	0.38	4	0.9	1.3	**1.7**	0.13	0.13	*C25*
Nose, sinuses etc.	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	12	4.7	4.1	**5.3**	0.36	0.64	2	0.4	0.7	**0.8**	0.10	0.10	*C32*
Trachea, bronchus and lung	38	14.8	13.1	**18.8**	1.12	1.89	14	3.1	4.7	**5.7**	0.33	0.58	*C33-34*
Other thoracic organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.3	**0.2**	0.02	0.02	*C37-38*
Bone	2	0.8	0.7	**1.1**	0.02	0.02	3	0.7	1.0	**1.3**	0.04	0.18	*C40-41*
Melanoma of skin	1	0.4	0.3	**0.7**	0.00	0.00	2	0.4	0.7	**1.1**	0.06	0.06	*C43*
Other skin	7		2.4	**2.8**	0.21	0.38	3		1.0	**1.3**	0.09	0.23	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	1	0.4	0.3	**0.7**	0.00	0.00	2	0.4	0.7	**0.6**	0.04	0.04	*C47+C49*
Breast	1	0.4	0.3	**0.3**	0.03	0.03	150	33.6	50.1	**53.6**	4.31	6.11	*C50*
Vulva							2	0.4	0.7	**0.9**	0.04	0.18	*C51*
Vagina							2	0.4	0.7	**0.8**	0.03	0.11	*C52*
Cervix uteri							35	7.8	11.7	**14.0**	0.97	1.83	*C53*
Corpus uteri							41	9.2	13.7	**15.8**	1.08	1.91	*C54*
Uterus unspecified							3	0.7	1.0	**1.4**	0.10	0.10	*C55*
Ovary							34	7.6	11.3	**11.2**	0.81	1.18	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	2	0.8	0.7	**1.3**	0.00	0.10							*C60*
Prostate	18	7.0	6.2	**11.3**	0.18	1.03							*C61*
Testis	2	0.8	0.7	**0.6**	0.04	0.04							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	5	2.0	1.7	**2.3**	0.08	0.44	6	1.3	2.0	**1.9**	0.19	0.19	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	14	5.5	4.8	**6.9**	0.38	0.66	3	0.7	1.0	**1.1**	0.12	0.12	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	6	2.3	2.1	**1.9**	0.18	0.18	2	0.4	0.7	**0.6**	0.07	0.07	*C70-72*
Thyroid	2	0.8	0.7	**0.9**	0.03	0.13	8	1.8	2.7	**2.8**	0.24	0.33	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	1	0.4	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	5	2.0	1.7	**2.0**	0.09	0.19	1	0.2	0.3	**0.4**	0.02	0.02	*C81*
Non-Hodgkin lymphoma	9	3.5	3.1	**3.2**	0.27	0.27	8	1.8	2.7	**2.6**	0.18	0.32	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	2	0.8	0.7	**1.2**	0.02	0.20	2	0.4	0.7	**1.1**	0.00	0.28	*C90*
Lymphoid leukaemia	4	1.6	1.4	**1.1**	0.08	0.08	3	0.7	1.0	**1.1**	0.06	0.06	*C91*
Myeloid leukaemia	6	2.3	2.1	**1.9**	0.17	0.17	10	2.2	3.3	**3.2**	0.29	0.29	*C92-94*
Leukaemia unspecified	5	2.0	1.7	**2.4**	0.20	0.20	1	0.2	0.3	**0.6**	0.00	0.14	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	9	3.5	3.1	**3.8**	0.31	0.49	13	2.9	4.3	**5.0**	0.18	0.71	*O&U*
All sites	263		90.4	**128.5**	6.17	15.03	449		149.9	**171.3**	11.64	19.75	*C00-96*
All sites except C44	256	100.0	88.0	**125.7**	5.96	14.65	446	100.0	148.9	**170.0**	11.55	19.52	*C00-96 exc. C44*

*See note following population pyramid

*Malaysia, Penang: Malay (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	2	0.3	0.2	**0.4**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.00	*C00*
Tongue	6	0.8	0.5	**0.9**	0.04	0.10	5	0.5	0.4	**0.6**	0.03	0.07	*C01-02*
Mouth	3	0.4	0.2	**0.4**	0.05	0.05	1	0.1	0.1	**0.1**	0.00	0.00	*C03-06*
Salivary glands	4	0.5	0.3	**0.5**	0.03	0.08	2	0.2	0.2	**0.2**	0.02	0.02	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	2	0.2	0.2	**0.2**	0.01	0.04	*C09*
Other oropharynx	2	0.3	0.2	**0.2**	0.02	0.02	1	0.1	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	23	3.0	1.9	**2.9**	0.14	0.24	15	1.6	1.2	**1.5**	0.10	0.16	*C11*
Hypopharynx	3	0.4	0.2	**0.6**	0.02	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	12	1.6	1.0	**1.9**	0.12	0.18	8	0.9	0.6	**1.1**	0.01	0.17	*C15*
Stomach	27	3.5	2.2	**3.5**	0.20	0.39	16	1.7	1.3	**1.8**	0.09	0.25	*C16*
Small intestine	3	0.4	0.2	**0.4**	0.01	0.06	1	0.1	0.1	**0.1**	0.00	0.02	*C17*
Colon	48	6.2	3.9	**7.1**	0.33	0.76	48	5.2	3.8	**5.4**	0.34	0.73	*C18*
Rectum	53	6.8	4.3	**7.8**	0.44	1.04	41	4.4	3.3	**4.8**	0.37	0.60	*C19-20*
Anus	4	0.5	0.3	**0.6**	0.01	0.01	3	0.3	0.2	**0.4**	0.04	0.04	*C21*
Liver	33	4.3	2.7	**4.3**	0.23	0.46	21	2.3	1.7	**2.4**	0.12	0.26	*C22*
Gallbladder etc.	8	1.0	0.7	**1.2**	0.09	0.14	4	0.4	0.3	**0.5**	0.03	0.10	*C23-24*
Pancreas	11	1.4	0.9	**1.4**	0.08	0.14	14	1.5	1.1	**1.6**	0.12	0.21	*C25*
Nose, sinuses etc.	5	0.6	0.4	**0.9**	0.02	0.08	1	0.1	0.1	**0.1**	0.02	0.02	*C30-31*
Larynx	11	1.4	0.9	**1.7**	0.07	0.28	0	0.0	0.0	**0.0**	0.00	0.00	*C32*
Trachea, bronchus and lung	138	17.8	11.3	**19.9**	1.04	2.22	39	4.2	3.1	**4.4**	0.24	0.52	*C33-34*
Other thoracic organs	5	0.6	0.4	**0.5**	0.02	0.05	3	0.3	0.2	**0.3**	0.01	0.04	*C37-38*
Bone	11	1.4	0.9	**1.0**	0.09	0.09	6	0.6	0.5	**0.5**	0.03	0.03	*C40-41*
Melanoma of skin	2	0.3	0.2	**0.2**	0.01	0.01	4	0.4	0.3	**0.4**	0.02	0.05	*C43*
Other skin	15		1.2	**1.9**	0.09	0.23	15		1.2	**1.5**	0.09	0.19	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	15	1.9	1.2	**1.5**	0.10	0.16	10	1.1	0.8	**0.9**	0.06	0.09	*C47+C49*
Breast	3	0.4	0.2	**0.3**	0.01	0.06	318	34.2	25.5	**31.3**	2.60	3.29	*C50*
Vulva							3	0.3	0.2	**0.3**	0.03	0.03	*C51*
Vagina							3	0.3	0.2	**0.3**	0.03	0.03	*C52*
Cervix uteri							71	7.6	5.7	**7.3**	0.52	0.82	*C53*
Corpus uteri							47	5.0	3.8	**5.1**	0.42	0.63	*C54*
Uterus unspecified							2	0.2	0.2	**0.2**	0.01	0.05	*C55*
Ovary							69	7.4	5.5	**6.6**	0.51	0.66	*C56*
Other female genital organs							2	0.2	0.2	**0.2**	0.01	0.05	*C57*
Placenta							1	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	1	0.1	0.1	**0.2**	0.00	0.03							*C60*
Prostate	48	6.2	3.9	**8.5**	0.17	1.08							*C61*
Testis	18	2.3	1.5	**1.6**	0.09	0.19							*C62*
Other male genital organs	1	0.1	0.1	**0.1**	0.00	0.00							*C63*
Kidney	16	2.1	1.3	**2.0**	0.13	0.29	7	0.8	0.6	**0.7**	0.05	0.07	*C64*
Renal pelvis	1	0.1	0.1	**0.1**	0.01	0.01	1	0.1	0.1	**0.1**	0.01	0.01	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	51	6.6	4.2	**7.6**	0.30	0.83	9	1.0	0.7	**1.2**	0.03	0.19	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.1**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	3	0.3	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	32	4.1	2.6	**3.3**	0.21	0.29	22	2.4	1.8	**2.0**	0.12	0.22	*C70-72*
Thyroid	12	1.6	1.0	**1.5**	0.07	0.19	22	2.4	1.8	**2.0**	0.11	0.25	*C73*
Adrenal gland	2	0.3	0.2	**0.2**	0.02	0.02	3	0.3	0.2	**0.2**	0.01	0.01	*C74*
Other endocrine	2	0.3	0.2	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	18	2.3	1.5	**1.6**	0.12	0.12	3	0.3	0.2	**0.3**	0.01	0.04	*C81*
Non-Hodgkin lymphoma	38	4.9	3.1	**4.2**	0.33	0.49	27	2.9	2.2	**2.8**	0.20	0.36	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	4	0.5	0.3	**0.7**	0.02	0.13	5	0.5	0.4	**0.6**	0.05	0.09	*C90*
Lymphoid leukaemia	28	3.6	2.3	**2.1**	0.15	0.15	11	1.2	0.9	**1.0**	0.06	0.06	*C91*
Myeloid leukaemia	26	3.4	2.1	**2.7**	0.14	0.32	26	2.8	2.1	**2.4**	0.21	0.21	*C92-94*
Leukaemia unspecified	10	1.3	0.8	**1.0**	0.05	0.05	1	0.1	0.1	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	1	0.1	0.1	**0.2**	0.02	0.02	1	0.1	0.1	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	33	4.3	2.7	**4.5**	0.16	0.60	27	2.9	2.2	**2.9**	0.21	0.35	*O&U*
All sites	789		64.5	**104.1**	5.29	11.77	946		75.7	**97.3**	6.99	11.07	*C00-96*
All sites except C44	774	100.0	63.2	**102.2**	5.20	11.54	931	100.0	74.5	**95.8**	6.90	10.88	*C00-96 exc. C44*

*See note following population pyramid

Philippines, Manila

REGISTRATION AREA

The Philippine Cancer Society-Manila Cancer Registry (PCS-MCR) covers the four major cities (Manila, Quezon, Pasay, and Caloocan) of the National Capital Region (NCR) of the Philippines (the country's major urban region). The registration area is 274.2 km^2, in 2007 had a population of 6.1 million, and is located in the south-western portion of the island of Luzon. The city of Manila proper is the capital of the Philippines and the country's main port, hub of commerce and trade, and seat of cultural and intellectual activities. Of all the cities in the Philippines, those covered by the PCS-MCR have had the longest exposure to a lifestyle typical of industrialized countries, and these four cities have consistently shown the highest cancer incidence rates in the country.

REGISTRY STRUCTURE AND METHODS

Registration began in 1983. The registry is staffed by seven trained employees, who conduct active case finding from a variety of data sources, mainly the 172 public and private hospitals in the NCR and the neighbouring province of Rizal. The PCS-MCR works in collaboration with the Philippine Department of Health-Rizal Cancer Registry (DOH-RCR), which covers the province of Rizal and the NCR cities and municipalities not covered by the PCS-MCR. The two registries cover a combined population of about 13.2 million. Hospital data sources include patients' main medical records as well as radiotherapy, haematology, nuclear medicine, and hospital tumour registry records. The PCS-MCR and the DOH-RCR use CanReg4 software, similar notification forms, and similar registration procedures, and they generally produce combined reports.

USE OF THE DATA

Two serial publications that include registry data are *Cancer in the Philippines* and *Philippine Cancer Facts and Estimates*. In collaboration with the German Cancer Research Center, the PCS-MCR has also published relative survival data for adult gastric, colorectal, liver, lung, breast, cervical, ovarian, and thyroid cancers and leukaemia (1993–2002 data) and for childhood leukaemia and lymphoma (1996–2005 data). Incidence maps have been generated in collaboration with the Finnish Cancer Registry. Registry data are used for programme planning and evaluation, cancer research, and training initiatives.

CONTRIBUTORS

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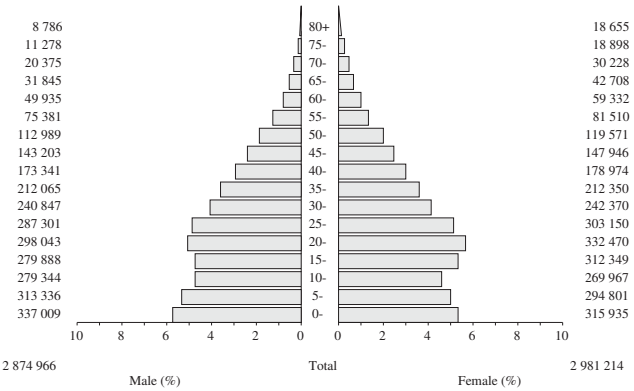
Philippines, Manila (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Philippine National Statistics Office, based on data from the 2007 Census on Population and Housing.

NOTES ON THE DATA

*No official mortality data. Low MV%.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	45.9	Breast	60.1
Prostate	32.8	Cervix uteri	17.0
Liver	21.1	Trachea, bronchus and lung	14.8
Colon	17.2	Colon	13.4
Rectum	10.2	Ovary	12.6
Other and unspecified	9.8	Thyroid	12.4
Stomach	7.9	Corpus uteri	10.5
Non-Hodgkin lymphoma	6.1	Other and unspecified	9.0
Larynx	5.9	Liver	7.4
Nasopharynx	5.5	Rectum	6.9
All sites	217.7	All sites	213.0

*Philippines, Manila (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	125	0.8	0.9	**1.6**	0.11	0.19	95	0.4	0.6	**1.0**	0.05	0.13	*C01-02*
Mouth	113	0.7	0.8	**1.5**	0.09	0.17	92	0.4	0.6	**0.9**	0.05	0.08	*C03-06*
Salivary glands	72	0.4	0.5	**0.8**	0.06	0.08	86	0.4	0.6	**0.8**	0.05	0.09	*C07-08*
Tonsil	49	0.3	0.3	**0.6**	0.04	0.08	18	0.1	0.1	**0.2**	0.01	0.02	*C09*
Other oropharynx	14	0.1	0.1	**0.2**	0.01	0.01	11	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	544	3.4	3.8	**5.5**	0.39	0.62	232	1.0	1.6	**2.0**	0.14	0.21	*C11*
Hypopharynx	20	0.1	0.1	**0.3**	0.01	0.03	8	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	72	0.4	0.5	**0.9**	0.05	0.11	30	0.1	0.2	**0.3**	0.01	0.03	*C14*
Oesophagus	193	1.2	1.3	**2.7**	0.14	0.32	83	0.4	0.6	**0.9**	0.03	0.10	*C15*
Stomach	538	3.3	3.7	**7.9**	0.32	0.86	437	1.9	2.9	**4.7**	0.23	0.55	*C16*
Small intestine	51	0.3	0.4	**0.7**	0.03	0.09	27	0.1	0.2	**0.3**	0.02	0.03	*C17*
Colon	1245	7.7	8.7	**17.2**	0.79	1.96	1259	5.6	8.4	**13.4**	0.63	1.56	*C18*
Rectum	781	4.8	5.4	**10.2**	0.58	1.25	670	3.0	4.5	**6.9**	0.39	0.81	*C19-20*
Anus	28	0.2	0.2	**0.3**	0.02	0.03	28	0.1	0.2	**0.3**	0.02	0.03	*C21*
Liver	1686	10.4	11.7	**21.1**	1.18	2.41	706	3.1	4.7	**7.4**	0.35	0.83	*C22*
Gallbladder etc.	85	0.5	0.6	**1.2**	0.05	0.15	127	0.6	0.9	**1.4**	0.07	0.18	*C23-24*
Pancreas	298	1.8	2.1	**4.2**	0.19	0.50	334	1.5	2.2	**3.7**	0.15	0.41	*C25*
Nose, sinuses etc.	73	0.5	0.5	**0.9**	0.05	0.11	45	0.2	0.3	**0.4**	0.03	0.04	*C30-31*
Larynx	400	2.5	2.8	**5.9**	0.33	0.79	69	0.3	0.5	**0.7**	0.05	0.10	*C32*
Trachea, bronchus and lung	3168	19.6	22.0	**45.9**	2.27	5.66	1379	6.2	9.3	**14.8**	0.74	1.78	*C33-34*
Other thoracic organs	44	0.3	0.3	**0.5**	0.02	0.04	33	0.1	0.2	**0.3**	0.02	0.04	*C37-38*
Bone	272	1.7	1.9	**2.5**	0.15	0.26	214	1.0	1.4	**1.8**	0.11	0.17	*C40-41*
Melanoma of skin	59	0.4	0.4	**0.8**	0.04	0.07	62	0.3	0.4	**0.6**	0.04	0.07	*C43*
Other skin	301		2.1	**4.0**	0.20	0.44	289		1.9	**3.0**	0.13	0.35	*C44*
Mesothelioma	3	0.0	0.0	**0.1**	0.00	0.00	3	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	2	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	219	1.4	1.5	**2.4**	0.13	0.25	231	1.0	1.5	**2.0**	0.13	0.20	*C47+C49*
Breast	93	0.6	0.6	**1.1**	0.06	0.13	6491	29.0	43.5	**60.1**	4.46	6.77	*C50*
Vulva							42	0.2	0.3	**0.5**	0.02	0.06	*C51*
Vagina							33	0.1	0.2	**0.3**	0.02	0.03	*C52*
Cervix uteri							1991	8.9	13.4	**17.0**	1.34	1.82	*C53*
Corpus uteri							1108	4.9	7.4	**10.5**	0.85	1.22	*C54*
Uterus unspecified							238	1.1	1.6	**2.2**	0.15	0.26	*C55*
Ovary							1440	6.4	9.7	**12.6**	0.96	1.35	*C56*
Other female genital organs							15	0.1	0.1	**0.2**	0.01	0.02	*C57*
Placenta							40	0.2	0.3	**0.2**	0.02	0.02	*C58*
Penis	37	0.2	0.3	**0.5**	0.02	0.04							*C60*
Prostate	1833	11.4	12.8	**32.8**	0.71	3.63							*C61*
Testis	132	0.8	0.9	**0.9**	0.07	0.08							*C62*
Other male genital organs	12	0.1	0.1	**0.2**	0.01	0.01							*C63*
Kidney	396	2.5	2.8	**4.8**	0.28	0.57	221	1.0	1.5	**2.1**	0.14	0.21	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	3	0.0	0.0	**0.0**	0.00	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	314	1.9	2.2	**4.6**	0.19	0.53	135	0.6	0.9	**1.5**	0.06	0.17	*C67*
Other urinary organs	3	0.0	0.0	**0.0**	0.00	0.00	5	0.0	0.0	**0.1**	0.00	0.01	*C68*
Eye	48	0.3	0.3	**0.4**	0.02	0.02	51	0.2	0.3	**0.4**	0.02	0.03	*C69*
Brain, nervous system	299	1.9	2.1	**2.7**	0.16	0.26	259	1.2	1.7	**2.3**	0.13	0.23	*C70-72*
Thyroid	372	2.3	2.6	**3.7**	0.25	0.43	1579	7.0	10.6	**12.4**	0.92	1.28	*C73*
Adrenal gland	14	0.1	0.1	**0.2**	0.01	0.02	10	0.0	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	9	0.1	0.1	**0.1**	0.00	0.00	6	0.0	0.0	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	66	0.4	0.5	**0.5**	0.04	0.05	68	0.3	0.5	**0.5**	0.03	0.04	*C81*
Non-Hodgkin lymphoma	548	3.4	3.8	**6.1**	0.35	0.65	541	2.4	3.6	**5.1**	0.28	0.58	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	98	0.6	0.7	**1.4**	0.07	0.16	87	0.4	0.6	**0.9**	0.06	0.11	*C90*
Lymphoid leukaemia	335	2.1	2.3	**2.5**	0.13	0.16	254	1.1	1.7	**2.0**	0.11	0.14	*C91*
Myeloid leukaemia	384	2.4	2.7	**3.5**	0.20	0.31	376	1.7	2.5	**3.2**	0.19	0.32	*C92-94*
Leukaemia unspecified	192	1.2	1.3	**1.6**	0.10	0.14	214	1.0	1.4	**1.7**	0.09	0.17	*C95*
Myeloproliferative disorders	20	0.1	0.1	**0.2**	0.01	0.02	17	0.1	0.1	**0.1**	0.01	0.02	*MPD*
Myelodysplastic syndromes	2	0.0	0.0	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	771	4.8	5.4	**9.8**	0.55	1.21	910	4.1	6.1	**9.0**	0.52	1.04	*O&U*
All sites	16437		114.3	**217.7**	10.51	24.97	22704		152.3	**213.0**	13.86	23.75	*C00-96*
All sites except C44	16136	100.0	112.3	**213.7**	10.31	24.53	22415	100.0	150.4	**209.9**	13.73	23.40	*C00-96 exc. C44*
	§Includes 136 cases of unknown age						§Includes 216 cases of unknown age						

*See note following population pyramid

Philippines, Rizal

REGISTRATION AREA

The Department of Health-Rizal Cancer Registry (DOH-RCR) covers the 26 municipalities of the original province of Rizal in the Philippines. In 1975, 12 of these municipalities were incorporated into the National Capital Region (NCR), and 6 of the 12 have since become cities (in 1994–1999). Of the 14 municipalities that remained in Rizal, one has become a city (in 1999). The registration area is 1343 km^2 and in 2007 had a population of 7.2 million. Between the 2000 and 2007 censuses, the population increased by 22%.

REGISTRY STRUCTURE AND METHODS

The DOH-RCR was the country's first population-based cancer registry. From 1974 to 1979, data collection was entirely passive, with the registry relying on notifications submitted by physicians and hospitals. This approach proved to be unsatisfactory, so active registration began in 1980, with registry assistants trained to abstract data from hospital records and death certificates. The DOH-RCR is located in the city of Pasig at the Rizal Medical Center, which has fully funded the registry since 1975. The DOH-RCR is headed by a general surgeon and staffed by two full-time registry clerks and 10 part-time cancer registry research assistants (who work collaboratively with the Philippine Department of Health and the Philippine Cancer Society). The DOH-RCR also works in collaboration with the Philippine Cancer Society-Manila Cancer Registry (PCS-MCR) to send registry staff members to the 172 public and private hospitals in the NCR and Rizal. Hospital data sources include patients' main medical records as well as records from cancer centres; tumour clinics; and radiotherapy, haematology, nuclear medicine, and imaging facilities. The DOH-RCR and the PCS-MCR use CanReg4 software, similar notification forms, and similar registration procedures, and they generally produce combined reports.

USE OF THE DATA

Two serial publications that include registry data are *Cancer in the Philippines* and *Philippine Cancer Facts and Estimates*. In collaboration with the German Cancer Research Center, the DOH-RCR has also published relative survival data for adult gastric, colorectal, liver, lung, breast, cervical, ovarian, and thyroid cancers and leukaemia (1993–2002 data) and for childhood leukaemia and lymphoma (1996–2005 data). Incidence maps have been generated in collaboration with the Finnish Cancer Registry. Registry data are used for programme planning and evaluation and for cancer research.

CONTRIBUTORS

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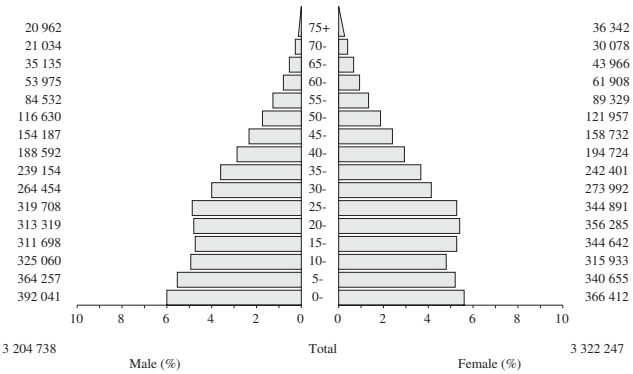
Philippines, Rizal (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Philippine National Statistics Office, based on data from the 2007 Census on Population and Housing.

NOTES ON THE DATA

*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	43.7	Breast	57.0
Prostate	31.4	Cervix uteri	16.6
Liver	18.3	Trachea, bronchus and lung	13.8
Colon	15.4	Colon	11.6
Rectum	9.0	Ovary	11.3
Other and unspecified	9.0	Thyroid	10.9
Stomach	6.7	Corpus uteri	9.6
Non-Hodgkin lymphoma	6.1	Other and unspecified	7.2
Nasopharynx	4.9	Liver	6.7
Pancreas	4.6	Rectum	6.3
All sites	197.5	All sites	197.2

*Philippines, Rizal (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	9	0.1	0.1	**0.1**	0.01	0.01	5	0.0	0.0	**0.1**	0.00	0.01	*C00*
Tongue	123	0.8	0.8	**1.4**	0.08	0.17	97	0.4	0.6	**1.0**	0.05	0.14	*C01-02*
Mouth	95	0.6	0.6	**1.2**	0.06	0.16	112	0.5	0.7	**1.2**	0.05	0.15	*C03-06*
Salivary glands	82	0.5	0.5	**0.9**	0.06	0.10	78	0.4	0.5	**0.7**	0.04	0.06	*C07-08*
Tonsil	48	0.3	0.3	**0.5**	0.04	0.07	16	0.1	0.1	**0.2**	0.01	0.02	*C09*
Other oropharynx	17	0.1	0.1	**0.2**	0.01	0.03	11	0.1	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	528	3.4	3.3	**4.9**	0.36	0.55	273	1.3	1.6	**2.3**	0.16	0.25	*C11*
Hypopharynx	21	0.1	0.1	**0.3**	0.02	0.04	9	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	35	0.2	0.2	**0.4**	0.03	0.05	23	0.1	0.1	**0.2**	0.01	0.02	*C14*
Oesophagus	185	1.2	1.2	**2.4**	0.13	0.32	68	0.3	0.4	**0.7**	0.03	0.09	*C15*
Stomach	514	3.3	3.2	**6.7**	0.33	0.81	402	1.8	2.4	**4.1**	0.19	0.48	*C16*
Small intestine	51	0.3	0.3	**0.6**	0.04	0.07	33	0.2	0.2	**0.3**	0.02	0.04	*C17*
Colon	1184	7.5	7.4	**15.4**	0.74	1.76	1130	5.2	6.8	**11.6**	0.57	1.31	*C18*
Rectum	757	4.8	4.7	**9.0**	0.46	1.09	633	2.9	3.8	**6.3**	0.35	0.74	*C19-20*
Anus	17	0.1	0.1	**0.2**	0.01	0.03	19	0.1	0.1	**0.2**	0.01	0.03	*C21*
Liver	1583	10.1	9.9	**18.3**	1.10	2.13	663	3.0	4.0	**6.7**	0.30	0.77	*C22*
Gallbladder etc.	88	0.6	0.5	**1.1**	0.06	0.13	124	0.6	0.7	**1.3**	0.07	0.17	*C23-24*
Pancreas	357	2.3	2.2	**4.6**	0.23	0.57	377	1.7	2.3	**3.9**	0.19	0.43	*C25*
Nose, sinuses etc.	98	0.6	0.6	**1.0**	0.07	0.10	70	0.3	0.4	**0.6**	0.04	0.07	*C30-31*
Larynx	326	2.1	2.0	**4.4**	0.23	0.58	55	0.3	0.3	**0.6**	0.03	0.07	*C32*
Trachea, bronchus and lung	3189	20.3	19.9	**43.7**	2.17	5.47	1308	6.0	7.9	**13.8**	0.69	1.68	*C33-34*
Other thoracic organs	43	0.3	0.3	**0.5**	0.03	0.06	32	0.1	0.2	**0.3**	0.02	0.03	*C37-38*
Bone	261	1.7	1.6	**2.2**	0.14	0.23	220	1.0	1.3	**1.7**	0.11	0.17	*C40-41*
Melanoma of skin	49	0.3	0.3	**0.6**	0.04	0.07	47	0.2	0.3	**0.5**	0.02	0.06	*C43*
Other skin	239		1.5	**3.0**	0.13	0.30	254		1.5	**2.5**	0.13	0.28	*C44*
Mesothelioma	4	0.0	0.0	**0.0**	0.00	0.00	6	0.0	0.0	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	2	0.0	0.0	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	180	1.1	1.1	**1.7**	0.10	0.17	209	1.0	1.3	**1.7**	0.11	0.18	*C47+C49*
Breast	66	0.4	0.4	**0.8**	0.04	0.09	6560	30.1	39.5	**57.0**	4.34	6.42	*C50*
Vulva							41	0.2	0.2	**0.4**	0.02	0.05	*C51*
Vagina							31	0.1	0.2	**0.3**	0.02	0.04	*C52*
Cervix uteri							2008	9.2	12.1	**16.6**	1.33	1.81	*C53*
Corpus uteri							1070	4.9	6.4	**9.6**	0.77	1.11	*C54*
Uterus unspecified							239	1.1	1.4	**2.2**	0.14	0.25	*C55*
Ovary							1336	6.1	8.0	**11.3**	0.81	1.27	*C56*
Other female genital organs							17	0.1	0.1	**0.2**	0.01	0.02	*C57*
Placenta							48	0.2	0.3	**0.3**	0.02	0.02	*C58*
Penis	32	0.2	0.2	**0.4**	0.02	0.04							*C60*
Prostate	1875	11.9	11.7	**31.4**	0.68	3.43							*C61*
Testis	98	0.6	0.6	**0.6**	0.04	0.06							*C62*
Other male genital organs	4	0.0	0.0	**0.1**	0.00	0.00							*C63*
Kidney	334	2.1	2.1	**3.7**	0.25	0.43	203	0.9	1.2	**1.8**	0.12	0.22	*C64*
Renal pelvis	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	5	0.0	0.0	**0.1**	0.00	0.00	3	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	308	2.0	1.9	**4.3**	0.17	0.46	150	0.7	0.9	**1.6**	0.07	0.16	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	65	0.4	0.4	**0.4**	0.02	0.03	52	0.2	0.3	**0.4**	0.02	0.03	*C69*
Brain, nervous system	335	2.1	2.1	**3.0**	0.18	0.30	274	1.3	1.6	**2.1**	0.14	0.22	*C70-72*
Thyroid	341	2.2	2.1	**3.3**	0.21	0.36	1477	6.8	8.9	**10.9**	0.82	1.13	*C73*
Adrenal gland	14	0.1	0.1	**0.1**	0.01	0.01	11	0.1	0.1	**0.1**	0.00	0.00	*C74*
Other endocrine	12	0.1	0.1	**0.1**	0.00	0.00	4	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	67	0.4	0.4	**0.5**	0.03	0.04	54	0.2	0.3	**0.4**	0.02	0.03	*C81*
Non-Hodgkin lymphoma	577	3.7	3.6	**6.1**	0.31	0.66	505	2.3	3.0	**4.5**	0.25	0.52	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	85	0.5	0.5	**1.1**	0.06	0.15	107	0.5	0.6	**1.1**	0.06	0.14	*C90*
Lymphoid leukaemia	310	2.0	1.9	**2.1**	0.10	0.14	219	1.0	1.3	**1.5**	0.07	0.10	*C91*
Myeloid leukaemia	347	2.2	2.2	**3.0**	0.18	0.30	382	1.8	2.3	**3.0**	0.18	0.30	*C92-94*
Leukaemia unspecified	195	1.2	1.2	**1.6**	0.08	0.15	199	0.9	1.2	**1.5**	0.09	0.14	*C95*
Myeloproliferative disorders	28	0.2	0.2	**0.3**	0.02	0.03	25	0.1	0.2	**0.2**	0.01	0.02	*MPD*
Myelodysplastic syndromes	16	0.1	0.1	**0.2**	0.00	0.03	17	0.1	0.1	**0.1**	0.01	0.01	*MDS*
Other and unspecified	760	4.8	4.7	**9.0**	0.50	1.02	763	3.5	4.6	**7.2**	0.41	0.84	*O&U*
All sites	15961		99.6	**197.5**	9.57	22.82	22072		132.9	**197.2**	12.97	22.13	*C00-96*
All sites except C44	15722	100.0	98.1	**194.6**	9.44	22.52	21818	100.0	131.3	**194.7**	12.84	21.85	*C00-96 exc. C44*
	§Includes 56 cases of unknown age						§Includes 85 cases of unknown age						

*See note following population pyramid

Qatar: Qatari

REGISTRATION AREA

The Qatar Cancer Registry (QCR) covers all cancer cases diagnosed in Qatar. In 2004, the population was 744 000. During 1997–2004, the population increased an average of 6.0% annually, compared with an annual average of 3.7% during 1986–1997. This rapid increase is attributed to an influx of workers due to the country's strong economy.

CANCER CARE FACILITIES

General health care is provided mainly by Hamad Medical Corporation, one of the leading specialized health care providers in the Gulf Arab states. Qatar's main cancer centre is located in Al Amal Hospital and is equipped with the latest therapeutic and diagnostic equipment.

REGISTRY STRUCTURE AND METHODS

The QCR was founded in 1989 as a hospital-based cancer registry in Hamad General Hospital. The registry was expanded to cover the entire country in 2003, and was relocated to Al Amal Hospital in 2004. The registry is staffed by a director, a data manager, and a full-time registrar, who are supported by a scientific board. The QCR routinely collects data from sources including general hospitals, private hospitals and clinics, specialized hospitals and centres, pathology and haematology laboratories, the Overseas Medical Offices Department of Qatar's Supreme Council of Health, and death registration offices. The registry is supported by Qatar's National Center for Cancer Care and Research, Hamad Medical Corporation, the Supreme Council of Health, and the Qatar Statistics Authority.

INTERPRETING THE RESULTS

It is difficult to estimate the number of cases that are undiagnosed or missed from registration, but the number of unreported cases is expected to decrease in future years with the implementation of electronic registration methods. Cancer mortality data for the Qatari population are fairly complete.

USE OF THE DATA

The registry regularly publishes reports on the distribution of various types of cancer by age and sex. These reports are used by health planners and policy-makers to assess cancer burden, allocate resources, and evaluate prevention and control activities. The QCR is also a regular contributor to the Gulf Cancer Consortium database.

CONTRIBUTORS

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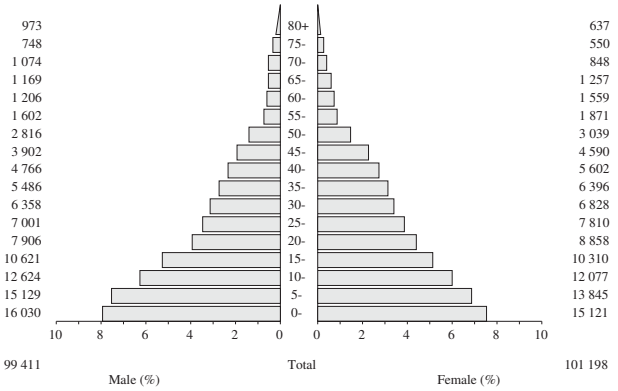
Qatar: Qatari (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on Qatari population data (for citizens aged 15 years or more) provided by the Qatar Statistics Authority.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	19.2	Breast	45.7
Liver	14.1	Colon	9.1
Colon	13.6	Thyroid	7.7
Prostate	10.4	Non-Hodgkin lymphoma	7.6
Non-Hodgkin lymphoma	8.3	Rectum	7.5
Bladder	7.6	Corpus uteri	6.9
Non-melanoma skin cancer	7.3	Ovary	6.4
Stomach	6.8	Cervix uteri	5.3
Rectum	6.6	Liver	5.2
Larynx	6.5	Stomach	4.6
All sites	154.7	All sites	151.1

Qatar: Qatari (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	3	0.7	0.6	**0.9**	0.10	0.10	2	0.4	0.4	**0.7**	0.02	0.10	*C01-02*
Mouth	0	0.0	0.0	**0.0**	0.00	0.00	2	0.4	0.4	**0.5**	0.01	0.01	*C03-06*
Salivary glands	1	0.2	0.2	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	5	1.2	1.0	**1.7**	0.08	0.26	4	0.9	0.8	**1.7**	0.02	0.30	*C11*
Hypopharynx	1	0.2	0.2	**0.5**	0.00	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	1	0.2	0.2	**0.5**	0.00	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	8	2.0	1.6	**2.4**	0.10	0.19	11	2.4	2.2	**4.2**	0.17	0.60	*C15*
Stomach	17	4.2	3.4	**6.8**	0.46	0.92	12	2.6	2.4	**4.6**	0.22	0.62	*C16*
Small intestine	3	0.7	0.6	**1.0**	0.09	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C17*
Colon	32	8.0	6.4	**13.6**	1.06	1.67	26	5.6	5.1	**9.1**	0.82	1.06	*C18*
Rectum	13	3.2	2.6	**6.6**	0.51	0.95	21	4.5	4.2	**7.5**	0.47	0.90	*C19-20*
Anus	1	0.2	0.2	**0.5**	0.00	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C21*
Liver	35	8.7	7.0	**14.1**	0.46	2.16	13	2.8	2.6	**5.2**	0.15	0.74	*C22*
Gallbladder etc.	4	1.0	0.8	**0.9**	0.00	0.00	8	1.7	1.6	**3.2**	0.08	0.55	*C23-24*
Pancreas	7	1.7	1.4	**2.8**	0.10	0.35	7	1.5	1.4	**2.6**	0.23	0.31	*C25*
Nose, sinuses etc.	3	0.7	0.6	**1.1**	0.04	0.12	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	16	4.0	3.2	**6.5**	0.43	0.78	1	0.2	0.2	**0.3**	0.00	0.00	*C32*
Trachea, bronchus and lung	48	12.0	9.7	**19.2**	1.09	2.80	10	2.1	2.0	**4.1**	0.19	0.51	*C33-34*
Other thoracic organs	1	0.2	0.2	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	4	1.0	0.8	**0.8**	0.06	0.06	3	0.6	0.6	**0.5**	0.04	0.04	*C40-41*
Melanoma of skin	1	0.2	0.2	**0.4**	0.00	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C43*
Other skin	17		3.4	**7.3**	0.19	1.06	11		2.2	**3.9**	0.30	0.50	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	5	1.2	1.0	**1.6**	0.13	0.13	2	0.4	0.4	**0.6**	0.01	0.13	*C46*
Connective and soft tissue	8	2.0	1.6	**2.1**	0.09	0.18	9	1.9	1.8	**2.4**	0.17	0.25	*C47+C49*
Breast	1	0.2	0.2	**0.4**	0.04	0.04	150	32.2	29.6	**45.7**	3.82	4.93	*C50*
Vulva							0	0.0	0.0	**0.0**	0.00	0.00	*C51*
Vagina							0	0.0	0.0	**0.0**	0.00	0.00	*C52*
Cervix uteri							17	3.6	3.4	**5.3**	0.45	0.57	*C53*
Corpus uteri							20	4.3	4.0	**6.9**	0.62	0.62	*C54*
Uterus unspecified							4	0.9	0.8	**1.4**	0.17	0.17	*C55*
Ovary							21	4.5	4.2	**6.4**	0.59	0.67	*C56*
Other female genital organs							1	0.2	0.2	**0.3**	0.02	0.02	*C57*
Placenta							2	0.4	0.4	**0.4**	0.03	0.03	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	27	6.7	5.4	**10.4**	0.47	1.18							*C61*
Testis	4	1.0	0.8	**1.1**	0.09	0.09							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	16	4.0	3.2	**5.2**	0.20	0.65	8	1.7	1.6	**2.4**	0.18	0.26	*C64*
Renal pelvis	1	0.2	0.2	**0.4**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.2	0.2	**0.5**	0.00	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	19	4.7	3.8	**7.6**	0.40	1.03	4	0.9	0.8	**1.9**	0.06	0.42	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	15	3.7	3.0	**5.6**	0.33	0.78	17	3.6	3.4	**4.3**	0.31	0.31	*C70-72*
Thyroid	8	2.0	1.6	**2.6**	0.19	0.37	32	6.9	6.3	**7.7**	0.54	0.66	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	2	0.4	0.4	**0.7**	0.02	0.10	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	15	3.7	3.0	**4.4**	0.42	0.42	10	2.1	2.0	**1.7**	0.11	0.11	*C81*
Non-Hodgkin lymphoma	24	6.0	4.8	**8.3**	0.64	1.00	21	4.5	4.2	**7.6**	0.56	0.92	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	5	1.2	1.0	**2.4**	0.12	0.39	2	0.4	0.4	**0.8**	0.10	0.10	*C90*
Lymphoid leukaemia	17	4.2	3.4	**3.7**	0.20	0.38	5	1.1	1.0	**1.1**	0.10	0.10	*C91*
Myeloid leukaemia	13	3.2	2.6	**3.3**	0.20	0.29	9	1.9	1.8	**2.4**	0.11	0.27	*C92-94*
Leukaemia unspecified	1	0.2	0.2	**0.4**	0.00	0.09	4	0.9	0.8	**0.7**	0.04	0.04	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	1	0.2	0.2	**0.2**	0.01	0.01	*MPD*
Myelodysplastic syndromes	4	1.0	0.8	**1.4**	0.06	0.14	1	0.2	0.2	**0.5**	0.00	0.12	*MDS*
Other and unspecified	13	3.2	2.6	**5.4**	0.37	0.64	4	0.9	0.8	**1.4**	0.07	0.15	*O&U*
All sites	418		84.1	**154.7**	8.77	19.81	477		94.3	**151.1**	10.79	17.16	*C00-96*
All sites except C44	401	100.0	80.7	**147.4**	8.59	18.75	466	100.0	92.1	**147.2**	10.49	16.66	*C00-96 exc. C44*

Saudi Arabia, Riyadh: Saudi

REGISTRATION AREA

The National Saudi Cancer Registry (SCR) covers the entire country of Saudi Arabia, but the data included in this volume are for the province of Riyadh, which has an area of 412 000 km^2 (17% of the country's total area). The province is home to 25% of the national population, with an annual population growth rate of about 3.85%. In 2010, the population was 6.8 million (63.4% Saudis). The provincial and national capital is the city of Riyadh, which is divided into 15 municipal districts and is the 80th richest city in the world. The city has numerous educational, financial, agricultural, cultural, technical, and social organizations, as well as the world's largest all-female university (Princess Nora Bint Abdul Rahman University).

CANCER CARE FACILITIES

The health sector is highly developed. Health services are provided by government hospitals and supplemented by private hospitals. Residents have access to modern cancer centres offering a complete range of services. The government provides cancer treatment within major specialized tertiary care hospitals. The King Faisal Specialist Hospital and Research Centre (KFSH&RC) in Riyadh has the largest cancer facility in the Gulf region, providing high-quality surgery, chemotherapy, radiation, and palliative care. It treats approximately 30% of the country's overall cancers and 70% of paediatric cancers.

REGISTRY STRUCTURE AND METHODS

The SCR began registering cases in 1994, and is funded by the Ministry of Finance of Saudi Arabia. The main office is at the KFSH&RC, and there are 11 regional branches. The SCR uses multiple data sources, including death notifications and death certificates (since 2005). The registry has also performed extensive retrospective data collection for cancer deaths that occurred before 2005. Registrars actively collect cases from 295 hospitals and histopathology laboratories, and the SCR also receives notifications directly from hospital-based registries.

INTERPRETING THE RESULTS

Cancer screening is provided by some hospitals and charity organizations.

USE OF THE DATA

The SCR publishes an annual cancer incidence report. Registry data are also used for epidemiological studies, programme evaluation, and research projects.

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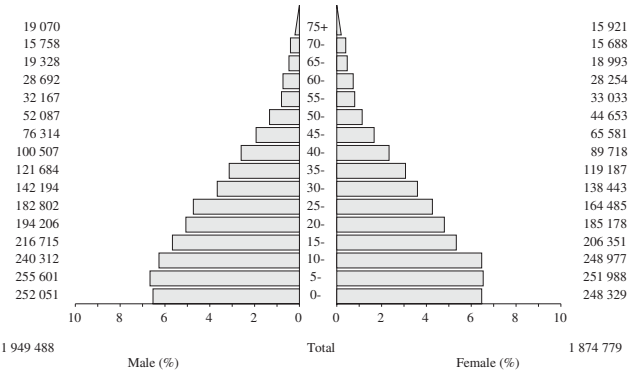
Saudi Arabia, Riyadh: Saudi (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Central Department of Statistics of the Saudi Arabian Ministry of Planning, based on the 2004 census, with an estimated 2.5% growth rate among Saudis.

NOTES ON THE DATA

*No official mortality data. High MV%. Low DCO rates.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Liver	13.0	Breast	21.1
Non-Hodgkin lymphoma	8.6	Thyroid	10.2
Prostate	7.9	Non-Hodgkin lymphoma	7.1
Colon	6.9	Colon	6.3
Trachea, bronchus and lung	6.3	Liver	6.0
Bladder	5.6	Other and unspecified	4.7
Rectum	5.3	Corpus uteri	4.4
Stomach	4.4	Rectum	4.0
Other and unspecified	4.4	Ovary	3.3
Non-melanoma skin cancer	3.8	Non-melanoma skin cancer	3.2
All sites	104.1	All sites	103.9

*Saudi Arabia, Riyadh: Saudi (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	6	0.1	0.1	**0.1**	0.00	0.01	4	0.1	0.0	**0.1**	0.01	0.01	*C00*
Tongue	35	0.7	0.4	**0.7**	0.06	0.08	18	0.3	0.2	**0.4**	0.03	0.06	*C01-02*
Mouth	25	0.5	0.3	**0.5**	0.02	0.06	29	0.5	0.3	**0.6**	0.05	0.06	*C03-06*
Salivary glands	18	0.3	0.2	**0.3**	0.02	0.04	17	0.3	0.2	**0.3**	0.01	0.02	*C07-08*
Tonsil	4	0.1	0.0	**0.1**	0.01	0.01	3	0.1	0.0	**0.1**	0.00	0.01	*C09*
Other oropharynx	1	0.0	0.0	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	136	2.6	1.4	**2.2**	0.18	0.22	54	1.0	0.6	**1.0**	0.07	0.11	*C11*
Hypopharynx	5	0.1	0.1	**0.1**	0.01	0.01	13	0.2	0.1	**0.3**	0.02	0.02	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	69	1.3	0.7	**1.6**	0.06	0.14	50	0.9	0.5	**1.3**	0.07	0.17	*C15*
Stomach	190	3.7	1.9	**4.4**	0.18	0.49	106	2.0	1.1	**2.3**	0.11	0.27	*C16*
Small intestine	26	0.5	0.3	**0.5**	0.02	0.07	13	0.2	0.1	**0.3**	0.02	0.03	*C17*
Colon	322	6.3	3.3	**6.9**	0.35	0.85	292	5.4	3.1	**6.3**	0.45	0.71	*C18*
Rectum	245	4.8	2.5	**5.3**	0.30	0.66	182	3.4	1.9	**4.0**	0.26	0.43	*C19-20*
Anus	9	0.2	0.1	**0.2**	0.02	0.03	14	0.3	0.1	**0.3**	0.02	0.04	*C21*
Liver	531	10.3	5.4	**13.0**	0.55	1.66	242	4.5	2.6	**6.0**	0.37	0.74	*C22*
Gallbladder etc.	54	1.0	0.6	**1.2**	0.04	0.16	102	1.9	1.1	**2.5**	0.13	0.30	*C23-24*
Pancreas	132	2.6	1.4	**3.2**	0.16	0.41	76	1.4	0.8	**1.9**	0.09	0.24	*C25*
Nose, sinuses etc.	13	0.3	0.1	**0.2**	0.01	0.01	10	0.2	0.1	**0.2**	0.01	0.02	*C30-31*
Larynx	73	1.4	0.7	**1.7**	0.11	0.21	6	0.1	0.1	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	275	5.3	2.8	**6.3**	0.32	0.85	98	1.8	1.0	**2.2**	0.14	0.24	*C33-34*
Other thoracic organs	19	0.4	0.2	**0.3**	0.02	0.03	13	0.2	0.1	**0.2**	0.02	0.03	*C37-38*
Bone	84	1.6	0.9	**0.8**	0.06	0.06	46	0.9	0.5	**0.5**	0.04	0.04	*C40-41*
Melanoma of skin	14	0.3	0.1	**0.3**	0.02	0.03	16	0.3	0.2	**0.4**	0.02	0.03	*C43*
Other skin	177		1.8	**3.8**	0.14	0.43	146		1.6	**3.2**	0.19	0.38	*C44*
Mesothelioma	4	0.1	0.0	**0.1**	0.01	0.01	6	0.1	0.1	**0.1**	0.01	0.02	*C45*
Kaposi sarcoma	27	0.5	0.3	**0.6**	0.05	0.07	16	0.3	0.2	**0.4**	0.03	0.04	*C46*
Connective and soft tissue	93	1.8	1.0	**1.3**	0.07	0.12	72	1.3	0.8	**0.9**	0.06	0.07	*C47+C49*
Breast	25	0.5	0.3	**0.5**	0.03	0.06	1179	21.9	12.6	**21.1**	1.61	2.30	*C50*
Vulva							5	0.1	0.1	**0.1**	0.01	0.02	*C51*
Vagina							6	0.1	0.1	**0.1**	0.01	0.01	*C52*
Cervix uteri							103	1.9	1.1	**2.0**	0.15	0.22	*C53*
Corpus uteri							184	3.4	2.0	**4.4**	0.27	0.57	*C54*
Uterus unspecified							14	0.3	0.1	**0.3**	0.02	0.05	*C55*
Ovary							181	3.4	1.9	**3.3**	0.24	0.35	*C56*
Other female genital organs							11	0.2	0.1	**0.2**	0.02	0.03	*C57*
Placenta							15	0.3	0.2	**0.2**	0.02	0.02	*C58*
Penis	2	0.0	0.0	**0.1**	0.00	0.01							*C60*
Prostate	322	6.3	3.3	**7.9**	0.22	1.00							*C61*
Testis	61	1.2	0.6	**0.6**	0.05	0.05							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	178	3.5	1.8	**3.5**	0.19	0.39	121	2.2	1.3	**2.3**	0.17	0.25	*C64*
Renal pelvis	9	0.2	0.1	**0.2**	0.02	0.03	3	0.1	0.0	**0.1**	0.00	0.01	*C65*
Ureter	1	0.0	0.0	**0.0**	0.00	0.01	3	0.1	0.0	**0.1**	0.00	0.00	*C66*
Bladder	266	5.2	2.7	**5.6**	0.31	0.64	59	1.1	0.6	**1.3**	0.08	0.13	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.01	*C68*
Eye	26	0.5	0.3	**0.4**	0.01	0.03	19	0.4	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	230	4.5	2.4	**3.5**	0.22	0.38	152	2.8	1.6	**2.1**	0.12	0.21	*C70-72*
Thyroid	161	3.1	1.7	**2.5**	0.19	0.27	705	13.1	7.5	**10.2**	0.76	0.99	*C73*
Adrenal gland	16	0.3	0.2	**0.2**	0.01	0.01	14	0.3	0.1	**0.2**	0.01	0.01	*C74*
Other endocrine	14	0.3	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	201	3.9	2.1	**2.2**	0.14	0.18	162	3.0	1.7	**2.0**	0.11	0.18	*C81*
Non-Hodgkin lymphoma	490	9.5	5.0	**8.6**	0.48	0.93	358	6.7	3.8	**7.1**	0.38	0.81	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.0	**0.0**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	74	1.4	0.8	**1.7**	0.09	0.23	45	0.8	0.5	**1.0**	0.06	0.13	*C90*
Lymphoid leukaemia	247	4.8	2.5	**2.9**	0.14	0.23	140	2.6	1.5	**1.7**	0.07	0.14	*C91*
Myeloid leukaemia	167	3.2	1.7	**2.5**	0.13	0.28	157	2.9	1.7	**2.5**	0.15	0.28	*C92-94*
Leukaemia unspecified	18	0.3	0.2	**0.3**	0.01	0.03	9	0.2	0.1	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	24	0.5	0.2	**0.5**	0.02	0.06	17	0.3	0.2	**0.4**	0.03	0.05	*MPD*
Myelodysplastic syndromes	6	0.1	0.1	**0.1**	0.01	0.01	11	0.2	0.1	**0.2**	0.02	0.03	*MDS*
Other and unspecified	198	3.8	2.0	**4.4**	0.22	0.50	208	3.9	2.2	**4.7**	0.25	0.52	*O&U*
All sites	5327		54.7	**104.1**	5.29	12.05	5527		59.0	**103.9**	6.79	11.41	*C00-96*
All sites except C44	5150	100.0	52.8	**100.4**	5.15	11.62	5381	100.0	57.4	**100.7**	6.60	11.04	*C00-96 exc. C44*
	§Includes 2 cases of unknown age						§Includes 2 cases of unknown age						

*See note following population pyramid

Singapore

REGISTRATION AREA
The Singapore Cancer Registry covers the country of Singapore. In 2010, the population was 5.1 million: 74.1% Chinese, 13.4% Malay, 9.2% Indian, and 3.3% of other ethnicities.

CANCER CARE FACILITIES
Primary health care is provided by 18 public outpatient clinics and 2384 private clinics. There are also seven public and seven private hospitals. Health care is paid for mainly by government subsidies, employment benefits, and personal savings (Medisave). There is also a basic medical insurance plan (MediShield) for catastrophic illnesses (including cancer) that covers all citizens and permanent residents.

REGISTRY STRUCTURE AND METHODS
The National Registry of Diseases Office (NRDO) was set up by the Ministry of Health Singapore to manage registry operations. The National Registry of Diseases Act of 2007 allows the NRDO to collect incidence data on selected diseases, and cancer notification became mandatory in 2009. Patient identifiers are encrypted before being added to the database. The registry receives pathology reports, hospital listings, notifications from practitioners, and death certificates. Registry coordinators verify each notification against hospital and clinic records, and interrater reliability is evaluated against an internal gold standard. The registry is staffed by eight employees: two nurse managers, two senior executives, a senior staff nurse, a staff nurse, and two management support staff members. Additional quality assurance, data management, and epidemiological staff members also support the registry.

INTERPRETING THE RESULTS
The registry used ICD-O-2 coding during 1993–2002 and switched to ICD-O-3 in 2003. Since 1998, the registry has also used the fourth edition of the *WHO Classification of Tumours of Haematopoietic and Lymphoid Tissues*. Organized screening was implemented for breast cancer in 2002, for cervical cancer in 2004, and for colorectal cancer in 2011.

USE OF THE DATA
The registry provides annual online reports on cancer incidence and publishes reports on incidence and survival every 5 years. The data are also used for the annual Singapore Burden of Disease Study, hospital audits, resource projections, and research. The statistics exclude in situ cancers and data on non-permanent residents.

CONTRIBUTORS
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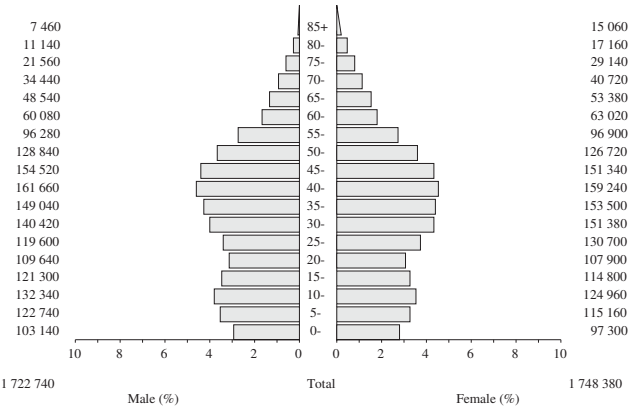
Singapore (2003-2007)
Average annual person-years by sex and age group

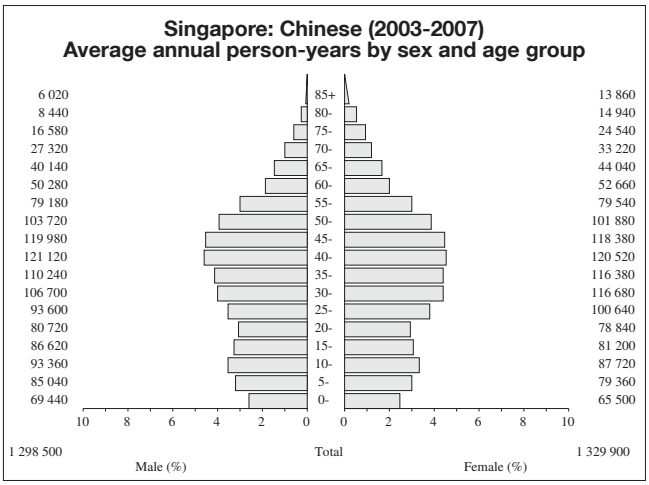


SOURCE OF POPULATION
Based on data provided to the Singapore Ministry of Health by the Singapore Department of Statistics (http://www.singstat.gov.sg/pubn/papers/people/cp-c2kapp.pdf), making allowances for births, deaths, and migration.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

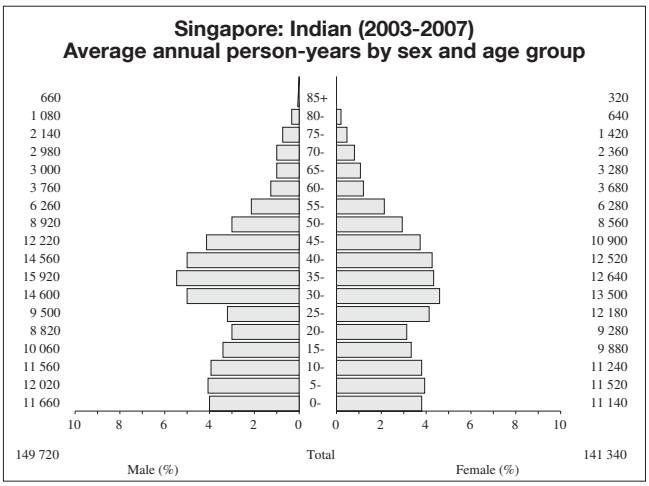
Male		Female	
Trachea, bronchus and lung	41.1	Breast	57.8
Prostate	24.2	Colon	19.0
Colon	22.9	Trachea, bronchus and lung	16.3
Liver	17.4	Corpus uteri	11.7
Rectum	16.8	Rectum	9.5
Stomach	14.0	Ovary	9.0
Nasopharynx	10.9	Cervix uteri	8.9
Non-melanoma skin cancer	9.7	Stomach	7.1
Non-Hodgkin lymphoma	9.0	Non-melanoma skin cancer	6.6
Bladder	7.1	Thyroid	5.9
All sites	229.6	All sites	198.6



NOTES ON THE DATA: †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

SINGAPORE: CHINESE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

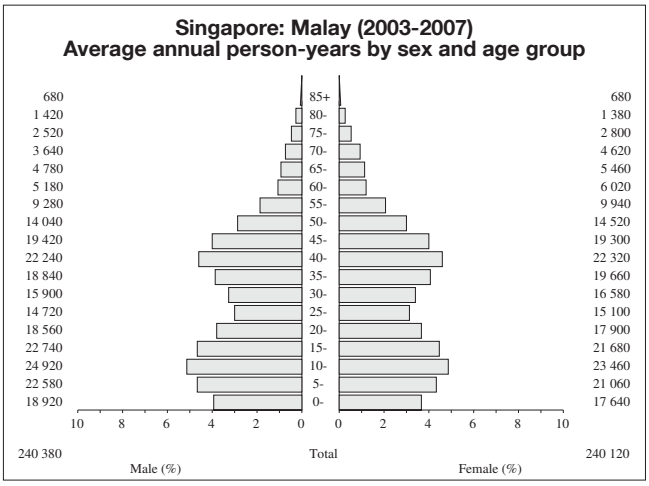
Male		Female	
Trachea, bronchus and lung	44.7	Breast	59.2
Colon	25.6	Colon	20.7
Prostate	25.6	Trachea, bronchus and lung	17.6
Liver	19.0	Corpus uteri	12.0
Rectum	18.4	Rectum	10.4
Stomach	15.9	Cervix uteri	9.4
Nasopharynx	12.6	Ovary	9.1
Non-melanoma skin cancer	10.1	Stomach	7.8
Non-Hodgkin lymphoma	9.3	Non-melanoma skin cancer	7.0
Bladder	7.4	Thyroid	5.7
All sites	247.2	All sites	207.5



NOTES ON THE DATA: †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

SINGAPORE: INDIAN
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	17.4	Breast	49.0
Prostate	15.9	Corpus uteri	11.7
Rectum	9.7	Ovary	7.6
Stomach	9.2	Colon	6.8
Liver	9.0	Thyroid	4.8
Colon	7.8	Stomach	4.7
Non-Hodgkin lymphoma	5.5	Non-Hodgkin lymphoma	4.4
Bladder	5.4	Trachea, bronchus and lung	4.3
Kidney	5.0	Rectum	3.8
Other and unspecified	4.5	Cervix uteri	3.7
All sites	132.8	All sites	135.4



NOTES ON THE DATA: †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

SINGAPORE: MALAY
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	34.0	Breast	53.6
Prostate	17.9	Trachea, bronchus and lung	12.2
Colon	14.5	Colon	12.2
Liver	12.6	Corpus uteri	11.0
Rectum	10.7	Ovary	9.1
Non-Hodgkin lymphoma	10.4	Non-Hodgkin lymphoma	8.5
Nasopharynx	6.9	Cervix uteri	8.4
Bladder	5.9	Thyroid	7.5
Other and unspecified	5.7	Rectum	7.1
Pancreas	4.7	Pancreas	3.9
All sites	165.4	All sites	169.5

Singapore (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	6	0.0	0.1	**0.1**	0.00	0.01	4	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	154	0.7	1.8	**1.6**	0.08	0.18	74	0.3	0.8	**0.6**	0.03	0.07	*C01-02*
Mouth	127	0.6	1.5	**1.3**	0.07	0.18	62	0.3	0.7	**0.5**	0.02	0.05	*C03-06*
Salivary glands	67	0.3	0.8	**0.7**	0.04	0.06	64	0.3	0.7	**0.5**	0.04	0.05	*C07-08*
Tonsil	66	0.3	0.8	**0.7**	0.04	0.09	19	0.1	0.2	**0.2**	0.01	0.01	*C09*
Other oropharynx	16	0.1	0.2	**0.2**	0.01	0.02	5	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	1207	5.8	14.0	**10.9**	0.87	1.20	405	1.8	4.6	**3.5**	0.27	0.36	*C11*
Hypopharynx	111	0.5	1.3	**1.2**	0.06	0.15	12	0.1	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	16	0.1	0.2	**0.2**	0.01	0.02	3	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	335	1.6	3.9	**3.6**	0.17	0.43	83	0.4	0.9	**0.6**	0.02	0.04	*C15*
Stomach	1325	6.3	15.4	**14.0**	0.46	1.53	850	3.9	9.7	**7.1**	0.26	0.73	*C16*
Small intestine	66	0.3	0.8	**0.7**	0.03	0.09	48	0.2	0.5	**0.4**	0.02	0.05	*C17*
Colon	2184	10.4	25.4	**22.9**	0.95	2.69	2229	10.2	25.5	**19.0**	0.88	2.09	*C18*
Rectum	1647	7.9	19.1	**16.8**	0.88	2.00	1091	5.0	12.5	**9.5**	0.50	1.12	*C19-20*
Anus	59	0.3	0.7	**0.6**	0.03	0.06	43	0.2	0.5	**0.3**	0.01	0.03	*C21*
Liver	1663	7.9	19.3	**17.4**	0.88	2.08	534	2.4	6.1	**4.6**	0.16	0.50	*C22*
Gallbladder etc.	173	0.8	2.0	**1.8**	0.07	0.23	218	1.0	2.5	**1.9**	0.07	0.20	*C23-24*
Pancreas	569	2.7	6.6	**5.9**	0.25	0.70	466	2.1	5.3	**4.0**	0.17	0.44	*C25*
Nose, sinuses etc.	78	0.4	0.9	**0.8**	0.05	0.11	49	0.2	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	353	1.7	4.1	**3.7**	0.18	0.42	33	0.2	0.4	**0.3**	0.01	0.03	*C32*
Trachea, bronchus and lung	3852	18.4	44.7	**41.1**	1.47	4.92	1898	8.7	21.7	**16.3**	0.72	1.83	*C33-34*
Other thoracic organs	79	0.4	0.9	**0.9**	0.05	0.08	44	0.2	0.5	**0.4**	0.03	0.04	*C37-38*
Bone	61	0.3	0.7	**0.7**	0.04	0.05	47	0.2	0.5	**0.5**	0.04	0.04	*C40-41*
Melanoma of skin	50	0.2	0.6	**0.5**	0.03	0.05	57	0.3	0.7	**0.5**	0.03	0.05	*C43*
Other skin	930		10.8	**9.7**	0.42	1.01	787		9.0	**6.6**	0.24	0.69	*C44*
Mesothelioma	43	0.2	0.5	**0.5**	0.02	0.07	9	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	10	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	178	0.8	2.1	**1.9**	0.12	0.18	128	0.6	1.5	**1.2**	0.08	0.11	*C47+C49*
Breast	17	0.1	0.2	**0.2**	0.01	0.02	6717	30.7	76.8	**57.8**	4.58	6.31	*C50*
Vulva							69	0.3	0.8	**0.6**	0.03	0.06	*C51*
Vagina							38	0.2	0.4	**0.3**	0.02	0.04	*C52*
Cervix uteri							1013	4.6	11.6	**8.9**	0.59	1.02	*C53*
Corpus uteri							1327	6.1	15.2	**11.7**	0.92	1.35	*C54*
Uterus unspecified							10	0.0	0.1	**0.1**	0.00	0.01	*C55*
Ovary							1003	4.6	11.5	**9.0**	0.68	0.92	*C56*
Other female genital organs							27	0.1	0.3	**0.2**	0.02	0.03	*C57*
Placenta							11	0.1	0.1	**0.1**	0.01	0.01	*C58*
Penis	52	0.2	0.6	**0.5**	0.02	0.06							*C60*
Prostate	2190	10.4	25.4	**24.2**	0.83	3.03							*C61*
Testis	119	0.6	1.4	**1.3**	0.09	0.09							*C62*
Other male genital organs	38	0.2	0.4	**0.4**	0.02	0.06							*C63*
Kidney	549	2.6	6.4	**5.4**	0.33	0.66	266	1.2	3.0	**2.5**	0.14	0.29	*C64*
Renal pelvis	52	0.2	0.6	**0.5**	0.03	0.06	33	0.2	0.4	**0.3**	0.01	0.04	*C65*
Ureter	24	0.1	0.3	**0.3**	0.02	0.04	24	0.1	0.3	**0.2**	0.01	0.02	*C66*
†Bladder	680	3.2	7.9	**7.1**	0.27	0.76	223	1.0	2.6	**1.9**	0.07	0.22	*C67*
Other urinary organs	7	0.0	0.1	**0.1**	0.00	0.00	9	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	19	0.1	0.2	**0.3**	0.01	0.02	16	0.1	0.2	**0.3**	0.01	0.02	*C69*
Brain, nervous system	230	1.1	2.7	**2.4**	0.16	0.23	191	0.9	2.2	**2.1**	0.12	0.17	*C70-72*
Thyroid	215	1.0	2.5	**2.1**	0.14	0.23	650	3.0	7.4	**5.9**	0.45	0.57	*C73*
Adrenal gland	19	0.1	0.2	**0.2**	0.01	0.02	17	0.1	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	15	0.1	0.2	**0.2**	0.01	0.01	8	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	96	0.5	1.1	**1.0**	0.06	0.10	64	0.3	0.7	**0.8**	0.05	0.06	*C81*
Non-Hodgkin lymphoma	863	4.1	10.0	**9.0**	0.49	1.00	630	2.9	7.2	**5.8**	0.37	0.62	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	154	0.7	1.8	**1.6**	0.09	0.19	129	0.6	1.5	**1.2**	0.05	0.14	*C90*
Lymphoid leukaemia	206	1.0	2.4	**2.9**	0.15	0.20	153	0.7	1.8	**2.2**	0.12	0.15	*C91*
Myeloid leukaemia	303	1.4	3.5	**3.2**	0.19	0.30	264	1.2	3.0	**2.6**	0.15	0.27	*C92-94*
Leukaemia unspecified	28	0.1	0.3	**0.3**	0.01	0.04	26	0.1	0.3	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	25	0.1	0.3	**0.3**	0.01	0.04	25	0.1	0.3	**0.2**	0.01	0.02	*MPD*
Myelodysplastic syndromes	64	0.3	0.7	**0.7**	0.02	0.07	39	0.2	0.4	**0.3**	0.02	0.03	*MDS*
Other and unspecified	502	2.4	5.8	**5.3**	0.22	0.58	455	2.1	5.2	**3.9**	0.17	0.39	*O&U*
All sites	21893		254.2	**229.6**	10.47	26.44	22702		259.7	**198.6**	12.28	21.43	*C00-96*
All sites except C44	20963	100.0	243.4	**219.9**	10.06	25.42	21915	100.0	250.7	**192.0**	12.04	20.73	*C00-96 exc. C44*

† See note following population pyramid

Singapore: Chinese (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	5	0.0	0.1	**0.1**	0.01	0.01	3	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	122	0.7	1.9	**1.5**	0.08	0.18	52	0.3	0.8	**0.6**	0.03	0.06	*C01-02*
Mouth	101	0.6	1.6	**1.3**	0.07	0.17	46	0.2	0.7	**0.4**	0.02	0.04	*C03-06*
Salivary glands	56	0.3	0.9	**0.7**	0.04	0.06	55	0.3	0.8	**0.6**	0.04	0.05	*C07-08*
Tonsil	57	0.3	0.9	**0.7**	0.04	0.09	18	0.1	0.3	**0.2**	0.02	0.02	*C09*
Other oropharynx	14	0.1	0.2	**0.2**	0.01	0.03	4	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	1108	6.2	17.1	**12.6**	1.01	1.37	383	2.1	5.8	**4.1**	0.32	0.42	*C11*
Hypopharynx	103	0.6	1.6	**1.4**	0.07	0.18	10	0.1	0.2	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	15	0.1	0.2	**0.2**	0.01	0.02	3	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	306	1.7	4.7	**4.1**	0.19	0.50	74	0.4	1.1	**0.6**	0.01	0.04	*C15*
Stomach	1195	6.6	18.4	**15.9**	0.50	1.71	782	4.2	11.8	**7.8**	0.29	0.81	*C16*
Small intestine	50	0.3	0.8	**0.7**	0.03	0.08	38	0.2	0.6	**0.4**	0.02	0.04	*C17*
Colon	1957	10.9	30.1	**25.6**	1.04	3.01	2029	10.9	30.5	**20.7**	0.95	2.29	*C18*
Rectum	1442	8.0	22.2	**18.4**	0.95	2.15	986	5.3	14.8	**10.4**	0.54	1.21	*C19-20*
Anus	51	0.3	0.8	**0.6**	0.03	0.06	38	0.2	0.6	**0.4**	0.01	0.03	*C21*
Liver	1451	8.1	22.3	**19.0**	0.95	2.27	471	2.5	7.1	**4.8**	0.16	0.53	*C22*
Gallbladder etc.	139	0.8	2.1	**1.9**	0.07	0.24	191	1.0	2.9	**1.9**	0.08	0.21	*C23-24*
Pancreas	487	2.7	7.5	**6.3**	0.25	0.75	408	2.2	6.1	**4.2**	0.17	0.47	*C25*
Nose, sinuses etc.	70	0.4	1.1	**0.9**	0.06	0.11	42	0.2	0.6	**0.4**	0.03	0.05	*C30-31*
Larynx	302	1.7	4.7	**4.0**	0.19	0.46	24	0.1	0.4	**0.2**	0.01	0.03	*C32*
Trachea, bronchus and lung	3338	18.5	51.4	**44.7**	1.53	5.32	1713	9.2	25.8	**17.6**	0.76	1.99	*C33-34*
Other thoracic organs	67	0.4	1.0	**1.0**	0.06	0.09	40	0.2	0.6	**0.5**	0.03	0.05	*C37-38*
Bone	45	0.2	0.7	**0.7**	0.04	0.05	35	0.2	0.5	**0.5**	0.03	0.04	*C40-41*
Melanoma of skin	37	0.2	0.6	**0.5**	0.03	0.05	50	0.3	0.8	**0.5**	0.03	0.05	*C43*
Other skin	761		11.7	**10.1**	0.38	1.01	703		10.6	**7.0**	0.24	0.75	*C44*
Mesothelioma	37	0.2	0.6	**0.5**	0.02	0.07	6	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	8	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	156	0.9	2.4	**2.1**	0.13	0.21	113	0.6	1.7	**1.4**	0.09	0.13	*C47+C49*
Breast	14	0.1	0.2	**0.2**	0.01	0.02	5528	29.6	83.1	**59.2**	4.71	6.45	*C50*
Vulva							62	0.3	0.9	**0.6**	0.04	0.07	*C51*
Vagina							31	0.2	0.5	**0.4**	0.03	0.04	*C52*
Cervix uteri							865	4.6	13.0	**9.4**	0.63	1.07	*C53*
Corpus uteri							1097	5.9	16.5	**12.0**	0.96	1.37	*C54*
Uterus unspecified							7	0.0	0.1	**0.1**	0.00	0.00	*C55*
Ovary							817	4.4	12.3	**9.1**	0.68	0.92	*C56*
Other female genital organs							20	0.1	0.3	**0.2**	0.02	0.03	*C57*
Placenta							9	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	43	0.2	0.7	**0.5**	0.02	0.06							*C60*
Prostate	1856	10.3	28.6	**25.6**	0.86	3.22							*C61*
Testis	93	0.5	1.4	**1.3**	0.09	0.09							*C62*
Other male genital organs	37	0.2	0.6	**0.5**	0.02	0.06							*C63*
Kidney	447	2.5	6.9	**5.5**	0.33	0.69	220	1.2	3.3	**2.5**	0.14	0.30	*C64*
Renal pelvis	48	0.3	0.7	**0.6**	0.03	0.07	28	0.2	0.4	**0.3**	0.01	0.03	*C65*
Ureter	21	0.1	0.3	**0.3**	0.02	0.04	22	0.1	0.3	**0.2**	0.01	0.02	*C66*
†Bladder	556	3.1	8.6	**7.4**	0.26	0.77	196	1.1	2.9	**2.0**	0.08	0.22	*C67*
Other urinary organs	7	0.0	0.1	**0.1**	0.00	0.01	8	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	16	0.1	0.2	**0.4**	0.02	0.02	15	0.1	0.2	**0.3**	0.02	0.02	*C69*
Brain, nervous system	178	1.0	2.7	**2.5**	0.16	0.23	164	0.9	2.5	**2.4**	0.14	0.20	*C70-72*
Thyroid	172	1.0	2.6	**2.1**	0.15	0.23	498	2.7	7.5	**5.7**	0.43	0.55	*C73*
Adrenal gland	13	0.1	0.2	**0.3**	0.01	0.02	11	0.1	0.2	**0.1**	0.01	0.01	*C74*
Other endocrine	11	0.1	0.2	**0.2**	0.01	0.01	8	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	64	0.4	1.0	**0.9**	0.06	0.09	39	0.2	0.6	**0.7**	0.04	0.04	*C81*
Non-Hodgkin lymphoma	704	3.9	10.8	**9.3**	0.50	1.02	494	2.6	7.4	**5.6**	0.37	0.58	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	108	0.6	1.7	**1.4**	0.07	0.17	93	0.5	1.4	**1.0**	0.04	0.11	*C90*
Lymphoid leukaemia	159	0.9	2.4	**3.0**	0.16	0.21	123	0.7	1.8	**2.4**	0.13	0.16	*C91*
Myeloid leukaemia	240	1.3	3.7	**3.2**	0.18	0.31	210	1.1	3.2	**2.7**	0.15	0.27	*C92-94*
Leukaemia unspecified	23	0.1	0.4	**0.3**	0.01	0.04	22	0.1	0.3	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	19	0.1	0.3	**0.2**	0.01	0.04	20	0.1	0.3	**0.2**	0.02	0.02	*MPD*
Myelodysplastic syndromes	52	0.3	0.8	**0.7**	0.02	0.07	33	0.2	0.5	**0.3**	0.02	0.03	*MDS*
Other and unspecified	412	2.3	6.3	**5.3**	0.21	0.57	391	2.1	5.9	**4.0**	0.19	0.40	*O&U*
All sites	18773		289.1	**247.2**	10.99	28.33	19351		291.0	**207.5**	12.79	22.35	*C00-96*
All sites except C44	18012	100.0	277.4	**237.1**	10.61	27.32	18648	100.0	280.4	**200.5**	12.55	21.60	*C00-96 exc. C44*

† See note following population pyramid

Singapore: Indian (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	23	2.4	3.1	**3.2**	0.13	0.33	9	1.0	1.3	**1.3**	0.03	0.18	*C01-02*
Mouth	17	1.8	2.3	**2.4**	0.19	0.36	14	1.5	2.0	**2.4**	0.11	0.36	*C03-06*
Salivary glands	5	0.5	0.7	**0.6**	0.04	0.04	2	0.2	0.3	**0.3**	0.02	0.02	*C07-08*
Tonsil	7	0.7	0.9	**0.9**	0.02	0.12	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	2	0.2	0.3	**0.4**	0.03	0.06	1	0.1	0.1	**0.2**	0.03	0.03	*C10*
Nasopharynx	8	0.8	1.1	**1.1**	0.10	0.10	2	0.2	0.3	**0.3**	0.02	0.06	*C11*
Hypopharynx	7	0.7	0.9	**0.9**	0.10	0.10	1	0.1	0.1	**0.2**	0.00	0.04	*C12-13*
Pharynx unspecified	1	0.1	0.1	**0.1**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	16	1.7	2.1	**2.0**	0.13	0.23	7	0.7	1.0	**0.8**	0.03	0.07	*C15*
Stomach	68	7.2	9.1	**9.2**	0.33	1.13	29	3.1	4.1	**4.7**	0.18	0.49	*C16*
Small intestine	4	0.4	0.5	**0.5**	0.03	0.07	8	0.9	1.1	**1.2**	0.03	0.16	*C17*
Colon	55	5.8	7.3	**7.8**	0.39	0.96	48	5.1	6.8	**6.8**	0.29	0.72	*C18*
Rectum	71	7.5	9.5	**9.7**	0.59	1.22	24	2.6	3.4	**3.8**	0.21	0.57	*C19-20*
Anus	1	0.1	0.1	**0.1**	0.00	0.03	2	0.2	0.3	**0.2**	0.02	0.02	*C21*
Liver	66	7.0	8.8	**9.0**	0.43	1.03	18	1.9	2.5	**3.1**	0.10	0.35	*C22*
Gallbladder etc.	16	1.7	2.1	**2.1**	0.12	0.25	8	0.9	1.1	**1.2**	0.01	0.07	*C23-24*
Pancreas	31	3.3	4.1	**4.0**	0.27	0.51	13	1.4	1.8	**2.1**	0.08	0.24	*C25*
Nose, sinuses etc.	3	0.3	0.4	**0.5**	0.02	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	22	2.3	2.9	**3.1**	0.16	0.36	2	0.2	0.3	**0.3**	0.01	0.05	*C32*
Trachea, bronchus and lung	125	13.3	16.7	**17.4**	0.90	2.14	28	3.0	4.0	**4.3**	0.18	0.52	*C33-34*
Other thoracic organs	2	0.2	0.3	**0.2**	0.01	0.01	1	0.1	0.1	**0.1**	0.02	0.02	*C37-38*
Bone	6	0.6	0.8	**0.8**	0.05	0.05	4	0.4	0.6	**0.5**	0.05	0.05	*C40-41*
Melanoma of skin	2	0.2	0.3	**0.2**	0.01	0.01	1	0.1	0.1	**0.1**	0.01	0.01	*C43*
Other skin	23		3.1	**3.5**	0.21	0.38	14		2.0	**2.0**	0.13	0.25	*C44*
Mesothelioma	1	0.1	0.1	**0.1**	0.00	0.00	1	0.1	0.1	**0.3**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	4	0.4	0.5	**0.5**	0.04	0.04	4	0.4	0.6	**0.7**	0.03	0.03	*C47+C49*
Breast	1	0.1	0.1	**0.2**	0.03	0.03	365	39.0	51.6	**49.0**	3.61	5.38	*C50*
Vulva							2	0.2	0.3	**0.3**	0.02	0.05	*C51*
Vagina							2	0.2	0.3	**0.3**	0.02	0.02	*C52*
Cervix uteri							25	2.7	3.5	**3.7**	0.26	0.45	*C53*
Corpus uteri							79	8.4	11.2	**11.7**	0.76	1.38	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							58	6.2	8.2	**7.6**	0.54	0.80	*C56*
Other female genital organs							2	0.2	0.3	**0.2**	0.03	0.03	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	3	0.3	0.4	**0.3**	0.03	0.03							*C60*
Prostate	117	12.4	15.6	**15.9**	0.48	2.02							*C61*
Testis	7	0.7	0.9	**0.9**	0.07	0.07							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	36	3.8	4.8	**5.0**	0.30	0.60	20	2.1	2.8	**3.0**	0.21	0.41	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.1	**0.1**	0.02	0.02	*C65*
Ureter	1	0.1	0.1	**0.2**	0.00	0.03	1	0.1	0.1	**0.2**	0.00	0.04	*C66*
†Bladder	40	4.2	5.3	**5.4**	0.20	0.60	11	1.2	1.6	**1.9**	0.06	0.26	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	19	2.0	2.5	**2.7**	0.23	0.30	10	1.1	1.4	**1.4**	0.13	0.13	*C70-72*
Thyroid	12	1.3	1.6	**1.8**	0.09	0.23	39	4.2	5.5	**4.8**	0.36	0.50	*C73*
Adrenal gland	3	0.3	0.4	**0.3**	0.03	0.03	3	0.3	0.4	**0.5**	0.02	0.06	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	12	1.3	1.6	**1.6**	0.09	0.16	8	0.9	1.1	**1.4**	0.06	0.15	*C81*
Non-Hodgkin lymphoma	41	4.4	5.5	**5.5**	0.37	0.57	30	3.2	4.2	**4.4**	0.22	0.47	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	12	1.3	1.6	**1.6**	0.11	0.21	9	1.0	1.3	**1.5**	0.05	0.26	*C90*
Lymphoid leukaemia	18	1.9	2.4	**3.0**	0.15	0.18	7	0.7	1.0	**1.2**	0.07	0.07	*C91*
Myeloid leukaemia	18	1.9	2.4	**2.4**	0.17	0.17	12	1.3	1.7	**1.8**	0.09	0.17	*C92-94*
Leukaemia unspecified	1	0.1	0.1	**0.2**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	2	0.2	0.3	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	4	0.4	0.5	**0.6**	0.03	0.10	3	0.3	0.4	**0.5**	0.04	0.04	*MDS*
Other and unspecified	31	3.3	4.1	**4.5**	0.19	0.56	21	2.2	3.0	**3.0**	0.11	0.31	*O&U*
All sites	965		128.9	**132.8**	6.89	15.58	949		134.3	**135.4**	8.26	15.30	*C00-96*
All sites except C44	942	100.0	125.8	**129.3**	6.67	15.20	935	100.0	132.3	**133.5**	8.13	15.06	*C00-96 exc. C44*

† See note following population pyramid

Singapore: Malay (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.1	0.1	**0.1**	0.00	0.02	1	0.0	0.1	**0.1**	0.00	0.00	*C00*
Tongue	5	0.3	0.4	**0.4**	0.02	0.02	12	0.6	1.0	**0.9**	0.04	0.04	*C01-02*
Mouth	7	0.4	0.6	**0.7**	0.01	0.11	2	0.1	0.2	**0.2**	0.00	0.00	*C03-06*
Salivary glands	6	0.4	0.5	**0.5**	0.02	0.04	7	0.3	0.6	**0.5**	0.04	0.04	*C07-08*
Tonsil	2	0.1	0.2	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.00	0.00	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	84	4.9	7.0	**6.9**	0.53	0.79	17	0.8	1.4	**1.3**	0.13	0.14	*C11*
Hypopharynx	1	0.1	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	11	0.6	0.9	**1.1**	0.07	0.12	2	0.1	0.2	**0.2**	0.02	0.02	*C15*
Stomach	50	2.9	4.2	**4.6**	0.20	0.56	33	1.6	2.7	**2.6**	0.10	0.29	*C16*
Small intestine	6	0.4	0.5	**0.7**	0.03	0.12	1	0.0	0.1	**0.1**	0.00	0.00	*C17*
Colon	145	8.5	12.1	**14.5**	0.74	1.57	136	6.6	11.3	**12.2**	0.69	1.45	*C18*
Rectum	113	6.7	9.4	**10.7**	0.55	1.38	76	3.7	6.3	**7.1**	0.40	0.84	*C19-20*
Anus	7	0.4	0.6	**0.7**	0.03	0.06	2	0.1	0.2	**0.2**	0.00	0.04	*C21*
Liver	131	7.7	10.9	**12.6**	0.73	1.45	40	1.9	3.3	**3.6**	0.15	0.42	*C22*
Gallbladder etc.	15	0.9	1.2	**1.4**	0.05	0.18	17	0.8	1.4	**1.4**	0.04	0.21	*C23-24*
Pancreas	47	2.8	3.9	**4.7**	0.23	0.54	43	2.1	3.6	**3.9**	0.21	0.41	*C25*
Nose, sinuses etc.	4	0.2	0.3	**0.3**	0.02	0.05	7	0.3	0.6	**0.5**	0.02	0.06	*C30-31*
Larynx	24	1.4	2.0	**2.1**	0.08	0.15	6	0.3	0.5	**0.5**	0.02	0.02	*C32*
Trachea, bronchus and lung	355	20.9	29.5	**34.0**	1.48	4.16	143	7.0	11.9	**12.2**	0.69	1.38	*C33-34*
Other thoracic organs	10	0.6	0.8	**0.8**	0.05	0.05	3	0.1	0.2	**0.2**	0.01	0.01	*C37-38*
Bone	8	0.5	0.7	**0.8**	0.04	0.07	7	0.3	0.6	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	2	0.1	0.2	**0.1**	0.01	0.01	5	0.2	0.4	**0.4**	0.01	0.01	*C43*
Other skin	36		3.0	**3.5**	0.14	0.44	38		3.2	**3.3**	0.16	0.32	*C44*
Mesothelioma	4	0.2	0.3	**0.4**	0.01	0.05	2	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	1	0.1	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	14	0.8	1.2	**1.1**	0.07	0.09	9	0.4	0.7	**0.7**	0.05	0.06	*C47+C49*
Breast	2	0.1	0.2	**0.1**	0.01	0.01	712	34.7	59.3	**53.6**	4.30	5.89	*C50*
Vulva							4	0.2	0.3	**0.3**	0.01	0.01	*C51*
Vagina							4	0.2	0.3	**0.3**	0.01	0.03	*C52*
Cervix uteri							103	5.0	8.6	**8.4**	0.51	1.05	*C53*
Corpus uteri							137	6.7	11.4	**11.0**	0.79	1.33	*C54*
Uterus unspecified							3	0.1	0.2	**0.2**	0.01	0.03	*C55*
Ovary							116	5.6	9.7	**9.1**	0.72	1.01	*C56*
Other female genital organs							3	0.1	0.2	**0.2**	0.01	0.03	*C57*
Placenta							2	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	2	0.1	0.2	**0.2**	0.01	0.04							*C60*
Prostate	171	10.1	14.2	**17.9**	0.63	1.99							*C61*
Testis	15	0.9	1.2	**1.2**	0.08	0.08							*C62*
Other male genital organs	1	0.1	0.1	**0.1**	0.00	0.03							*C63*
Kidney	48	2.8	4.0	**4.3**	0.28	0.48	21	1.0	1.7	**1.7**	0.08	0.22	*C64*
Renal pelvis	4	0.2	0.3	**0.4**	0.03	0.05	4	0.2	0.3	**0.4**	0.00	0.08	*C65*
Ureter	2	0.1	0.2	**0.2**	0.00	0.03	1	0.0	0.1	**0.1**	0.00	0.00	*C66*
†Bladder	62	3.6	5.2	**5.9**	0.28	0.67	14	0.7	1.2	**1.2**	0.06	0.18	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C68*
Eye	2	0.1	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	23	1.4	1.9	**2.0**	0.15	0.17	16	0.8	1.3	**1.2**	0.06	0.06	*C70-72*
Thyroid	28	1.6	2.3	**2.3**	0.14	0.23	96	4.7	8.0	**7.5**	0.61	0.71	*C73*
Adrenal gland	3	0.2	0.2	**0.2**	0.02	0.02	3	0.1	0.2	**0.4**	0.02	0.04	*C74*
Other endocrine	3	0.2	0.2	**0.3**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	17	1.0	1.4	**1.4**	0.08	0.13	15	0.7	1.2	**1.2**	0.08	0.08	*C81*
Non-Hodgkin lymphoma	109	6.4	9.1	**10.4**	0.53	1.26	99	4.8	8.2	**8.5**	0.51	1.04	*C82-85,C96*
Immunoproliferative diseases	1	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	31	1.8	2.6	**3.2**	0.18	0.40	26	1.3	2.2	**2.3**	0.14	0.27	*C90*
Lymphoid leukaemia	22	1.3	1.8	**1.9**	0.10	0.15	18	0.9	1.5	**1.8**	0.11	0.11	*C91*
Myeloid leukaemia	38	2.2	3.2	**3.3**	0.20	0.25	38	1.9	3.2	**3.0**	0.16	0.30	*C92-94*
Leukaemia unspecified	3	0.2	0.2	**0.3**	0.00	0.05	3	0.1	0.2	**0.2**	0.00	0.04	*C95*
Myeloproliferative disorders	3	0.2	0.2	**0.2**	0.02	0.02	3	0.1	0.2	**0.2**	0.01	0.02	*MPD*
Myelodysplastic syndromes	3	0.2	0.2	**0.4**	0.03	0.05	3	0.1	0.2	**0.2**	0.02	0.02	*MDS*
Other and unspecified	53	3.1	4.4	**5.7**	0.31	0.71	36	1.8	3.0	**3.2**	0.09	0.35	*O&U*
All sites	1735		144.4	**165.4**	8.26	18.91	2092		174.2	**169.5**	11.15	18.77	*C00-96*
All sites except C44	1699	100.0	141.4	**161.8**	8.11	18.47	2054	100.0	171.1	**166.2**	10.99	18.46	*C00-96 exc. C44*

† See note following population pyramid

Thailand, Bangkok

REGISTRATION AREA

The Bangkok Cancer Registry covers the metropolis of Bangkok in the Chao Phraya River delta of central Thailand. Bangkok is the national capital and the country's centre of politics, economy, education, culture, and transportation. It is also one of the most important commercial centres in south-eastern Asia. The area has a tropical wet and dry climate, with long hours of sunshine and high temperatures and humidity. Bangkok is composed of 50 districts, with a total area of 1569 km^2.

CANCER CARE FACILITIES

The Bangkok Metropolitan Administration is the local authority responsible for residents' well-being, with some financial support from the central government. Nine of Thailand's 12 government cancer centres are located in Bangkok: the National Cancer Institute of Thailand, King Chulalongkorn Memorial Hospital, Siriraj Hospital, Ramathibodi Hospital, Phra Mongkutklao Hospital, the Queen Sirikit National Institute of Child Health, Rajavithi Hospital, Vajira Hospital, and Bhumibol Adulyadej Hospital. There are also three international private cancer centres: Bangkok Hospital, Bumrungrad International Hospital, and Samitivej Hospital. Bangkok has a physician-to-population ratio of 1:793, compared with 1:6237 in other parts of Thailand.

REGISTRY STRUCTURE AND METHODS

The registry collects information on all cancer cases in Bangkok and sends data on non-resident patients treated in Bangkok to other cancer registries. The registry is part of the National Cancer Institute of Thailand, which first established a population-based cancer registry for the metropolis of Bangkok in 1990. Data are collected both actively and passively from government cancer centres, university hospitals, government hospitals, private hospitals, pathology laboratories, and death certificates. All death certificates are matched against the registry database, and efforts are made to trace further information before registering any case as a death-certificate-only (DCO) case.

CONTRIBUTORS

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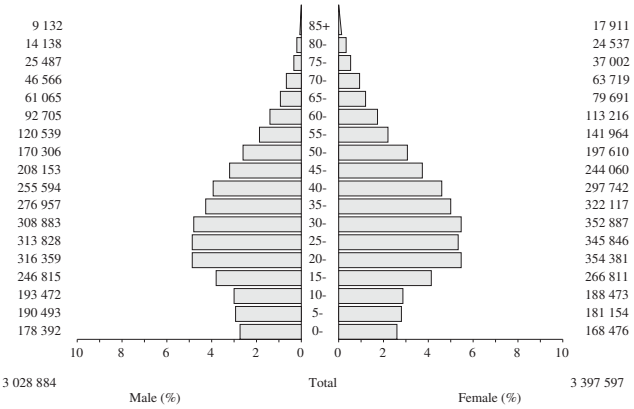
Thailand, Bangkok (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual intercensal estimates based on the 2000 census, provided by the National Statistical Office of Thailand.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	32.1	Breast	34.3
Liver	24.0	Cervix uteri	17.1
Colon	14.6	Trachea, bronchus and lung	11.9
Prostate	12.6	Colon	9.7
Other and unspecified	11.9	Other and unspecified	7.2
Rectum	6.5	Liver	6.8
Thyroid	5.6	Thyroid	5.8
Bladder	5.0	Ovary	5.7
Stomach	4.9	Corpus uteri	4.7
Oesophagus	4.6	Rectum	4.0
All sites	168.7	All sites	140.8

Thailand, Bangkok (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	9	0.0	0.1	**0.1**	0.00	0.01	17	0.1	0.1	**0.1**	0.00	0.01	*C00*
Tongue	294	1.3	1.9	**2.0**	0.14	0.24	123	0.5	0.7	**0.6**	0.04	0.06	*C01-02*
Mouth	279	1.3	1.8	**2.0**	0.12	0.22	150	0.6	0.9	**0.8**	0.03	0.08	*C03-06*
Salivary glands	59	0.3	0.4	**0.4**	0.03	0.05	68	0.3	0.4	**0.4**	0.02	0.04	*C07-08*
Tonsil	124	0.6	0.8	**0.9**	0.05	0.10	34	0.1	0.2	**0.2**	0.01	0.02	*C09*
Other oropharynx	29	0.1	0.2	**0.2**	0.01	0.03	6	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	633	2.9	4.2	**4.1**	0.29	0.41	235	0.9	1.4	**1.2**	0.09	0.12	*C11*
Hypopharynx	109	0.5	0.7	**0.8**	0.05	0.09	15	0.1	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	42	0.2	0.3	**0.3**	0.02	0.03	8	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	607	2.8	4.0	**4.6**	0.25	0.54	102	0.4	0.6	**0.6**	0.03	0.06	*C15*
Stomach	636	2.9	4.2	**4.9**	0.23	0.53	573	2.3	3.4	**3.2**	0.17	0.33	*C16*
Small intestine	56	0.3	0.4	**0.4**	0.03	0.05	62	0.2	0.4	**0.3**	0.02	0.04	*C17*
Colon	1885	8.5	12.4	**14.6**	0.67	1.69	1719	6.8	10.1	**9.7**	0.47	1.09	*C18*
Rectum	866	3.9	5.7	**6.5**	0.37	0.79	692	2.7	4.1	**4.0**	0.23	0.48	*C19-20*
Anus	28	0.1	0.2	**0.2**	0.01	0.03	40	0.2	0.2	**0.2**	0.01	0.02	*C21*
Liver	3342	15.1	22.1	**24.0**	1.48	2.94	1193	4.7	7.0	**6.8**	0.34	0.78	*C22*
Gallbladder etc.	415	1.9	2.7	**3.1**	0.16	0.36	366	1.5	2.2	**2.1**	0.09	0.24	*C23-24*
Pancreas	503	2.3	3.3	**3.9**	0.18	0.45	429	1.7	2.5	**2.5**	0.10	0.32	*C25*
Nose, sinuses etc.	88	0.4	0.6	**0.6**	0.04	0.05	48	0.2	0.3	**0.2**	0.02	0.02	*C30-31*
Larynx	443	2.0	2.9	**3.4**	0.17	0.40	53	0.2	0.3	**0.3**	0.02	0.03	*C32*
Trachea, bronchus and lung	4132	18.7	27.3	**32.1**	1.37	3.82	2100	8.3	12.4	**11.9**	0.61	1.36	*C33-34*
Other thoracic organs	51	0.2	0.3	**0.3**	0.02	0.03	42	0.2	0.2	**0.2**	0.02	0.02	*C37-38*
Bone	157	0.7	1.0	**1.1**	0.07	0.11	143	0.6	0.8	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	58	0.3	0.4	**0.4**	0.02	0.04	45	0.2	0.3	**0.2**	0.01	0.03	*C43*
Other skin	323		2.1	**2.6**	0.11	0.22	393		2.3	**2.2**	0.09	0.21	*C44*
Mesothelioma	4	0.0	0.0	**0.0**	0.00	0.00	4	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	5	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	185	0.8	1.2	**1.3**	0.08	0.13	171	0.7	1.0	**1.0**	0.06	0.09	*C47+C49*
Breast	44	0.2	0.3	**0.3**	0.02	0.03	6570	26.0	38.7	**34.3**	2.74	3.81	*C50*
Vulva							34	0.1	0.2	**0.2**	0.01	0.01	*C51*
Vagina							47	0.2	0.3	**0.3**	0.01	0.03	*C52*
Cervix uteri							3214	12.7	18.9	**17.1**	1.20	1.82	*C53*
Corpus uteri							836	3.3	4.9	**4.7**	0.37	0.56	*C54*
Uterus unspecified							190	0.8	1.1	**1.1**	0.07	0.12	*C55*
Ovary							1079	4.3	6.4	**5.7**	0.45	0.64	*C56*
Other female genital organs							21	0.1	0.1	**0.1**	0.01	0.01	*C57*
Placenta							15	0.1	0.1	**0.1**	0.00	0.00	*C58*
Penis	64	0.3	0.4	**0.5**	0.02	0.05							*C60*
Prostate	1501	6.8	9.9	**12.6**	0.34	1.41							*C61*
Testis	67	0.3	0.4	**0.4**	0.03	0.03							*C62*
Other male genital organs	10	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	208	0.9	1.4	**1.5**	0.08	0.17	118	0.5	0.7	**0.7**	0.04	0.07	*C64*
Renal pelvis	16	0.1	0.1	**0.1**	0.00	0.01	24	0.1	0.1	**0.1**	0.01	0.01	*C65*
Ureter	14	0.1	0.1	**0.1**	0.00	0.01	8	0.0	0.0	**0.0**	0.00	0.01	*C66*
Bladder	617	2.8	4.1	**5.0**	0.17	0.51	255	1.0	1.5	**1.5**	0.06	0.16	*C67*
Other urinary organs	10	0.0	0.1	**0.1**	0.00	0.01	20	0.1	0.1	**0.1**	0.01	0.01	*C68*
Eye	32	0.1	0.2	**0.2**	0.02	0.03	29	0.1	0.2	**0.2**	0.01	0.02	*C69*
Brain, nervous system	456	2.1	3.0	**3.2**	0.20	0.31	455	1.8	2.7	**2.7**	0.16	0.26	*C70-72*
Thyroid	773	3.5	5.1	**5.6**	0.31	0.64	1109	4.4	6.5	**5.8**	0.36	0.62	*C73*
Adrenal gland	14	0.1	0.1	**0.1**	0.01	0.01	20	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	20	0.1	0.1	**0.1**	0.01	0.02	15	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	44	0.2	0.3	**0.3**	0.02	0.02	33	0.1	0.2	**0.2**	0.01	0.02	*C81*
Non-Hodgkin lymphoma	565	2.6	3.7	**3.9**	0.24	0.42	531	2.1	3.1	**2.9**	0.19	0.33	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	143	0.6	0.9	**1.0**	0.06	0.10	141	0.6	0.8	**0.8**	0.05	0.09	*C90*
Lymphoid leukaemia	239	1.1	1.6	**2.1**	0.12	0.15	162	0.6	1.0	**1.3**	0.07	0.09	*C91*
Myeloid leukaemia	217	1.0	1.4	**1.5**	0.09	0.14	207	0.8	1.2	**1.2**	0.08	0.11	*C92-94*
Leukaemia unspecified	376	1.7	2.5	**2.8**	0.15	0.28	374	1.5	2.2	**2.2**	0.12	0.21	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1602	7.3	10.6	**11.9**	0.64	1.32	1286	5.1	7.6	**7.2**	0.40	0.79	*O&U*
All sites	22395		147.9	**168.7**	8.51	19.07	25625		150.8	**140.8**	9.02	15.38	*C00-96*
All sites except C44	22072	100.0	145.7	**166.0**	8.40	18.85	25232	100.0	148.5	**138.6**	8.93	15.17	*C00-96 exc. C44*

Thailand, Chiang Mai

REGISTRATION AREA

The Chiang Mai Cancer Registry covers the province of Chiang Mai in Thailand. About 82% of residents were born in the province; the rest are Thai nationals, Chinese, Lao, or Hilltribe peoples. Most residents (91.8%) are Buddhist, and the rest are mainly either Christian or Muslim.

CANCER CARE FACILITIES

General health care is provided by the Chiang Mai Provincial Public Health Office through provincial and district hospitals. Cancer diagnostic services are available at most hospitals, but patients suspected to have cancer are typically referred by primary and secondary care facilities to the university hospital (Maharaj Nakorn Chiang Mai Hospital), which is the only hospital with full diagnostic and therapeutic facilities within the same institution, and the only hospital with radiotherapy equipment. There are about 6012 hospital beds and 1010 physicians in the province.

REGISTRY STRUCTURE AND METHODS

The registry has been population-based since 1983. It is located within the Maharaj Nakorn Chiang Mai Hospital and is fully supported by the Faculty of Medicine, Chiang Mai University. The registry is staffed by two part-time physicians, four full-time registrar nurses, and three practical nurses, and is supervised by the hospital's cancer committee. Data are collected actively from the university hospital, six government hospitals, 22 community hospitals, 12 private hospitals, and various medical clinics. Death certificates are provided by the Ministry of Public Health's Bureau of Policy and Strategy.

INTERPRETING THE RESULTS

The number of undiagnosed cancer cases is unknown, but the proportion is probably higher in rural areas. Because the Maharaj Nakorn Chiang Mai Hospital is the only university hospital in the area and has a full range of diagnostic facilities, it is unlikely that referred cases will be missed. There is an organized screening programme for cervical cancer, and there are occasional health education campaigns about common cancers in the region.

USE OF THE DATA

The registry has published annual reports since 1978, when it was a hospital-based registry. The registry also collaborates with the other Thai registries to report on national cancer incidence every 3–5 years.

CONTRIBUTORS

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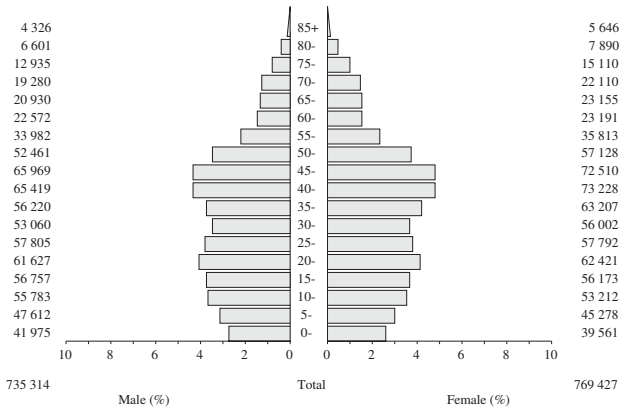
Thailand, Chiang Mai (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual intercensal estimates based on the 2000 census, provided by the National Statistical Office of Thailand.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	36.5	Breast	25.6
Liver	28.0	Trachea, bronchus and lung	25.0
Other and unspecified	10.5	Cervix uteri	23.9
Colon	7.1	Liver	10.4
Non-Hodgkin lymphoma	6.7	Other and unspecified	9.9
Stomach	6.2	Colon	5.6
Prostate	5.8	Ovary	5.1
Rectum	5.4	Non-Hodgkin lymphoma	4.8
Bladder	4.9	Stomach	4.1
Non-melanoma skin cancer	4.7	Corpus uteri	4.1
All sites	151.6	All sites	156.0

Thailand, Chiang Mai (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	11	0.2	0.3	**0.3**	0.02	0.03	22	0.3	0.6	**0.5**	0.01	0.07	*C00*
Tongue	58	0.9	1.6	**1.3**	0.10	0.16	23	0.3	0.6	**0.4**	0.04	0.04	*C01-02*
Mouth	59	0.9	1.6	**1.3**	0.08	0.14	49	0.7	1.3	**0.9**	0.04	0.09	*C03-06*
Salivary glands	20	0.3	0.5	**0.4**	0.03	0.05	25	0.3	0.6	**0.5**	0.03	0.06	*C07-08*
Tonsil	34	0.5	0.9	**0.7**	0.04	0.08	15	0.2	0.4	**0.3**	0.01	0.02	*C09*
Other oropharynx	9	0.1	0.2	**0.2**	0.01	0.03	4	0.1	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	148	2.3	4.0	**3.4**	0.27	0.39	67	0.9	1.7	**1.4**	0.10	0.16	*C11*
Hypopharynx	52	0.8	1.4	**1.1**	0.05	0.10	14	0.2	0.4	**0.3**	0.01	0.04	*C12-13*
Pharynx unspecified	6	0.1	0.2	**0.1**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	64	1.0	1.7	**1.4**	0.06	0.17	22	0.3	0.6	**0.4**	0.02	0.05	*C15*
Stomach	279	4.3	7.6	**6.2**	0.33	0.81	203	2.7	5.3	**4.1**	0.25	0.52	*C16*
Small intestine	20	0.3	0.5	**0.5**	0.02	0.05	13	0.2	0.3	**0.3**	0.02	0.04	*C17*
Colon	318	4.9	8.6	**7.1**	0.42	0.83	271	3.6	7.0	**5.6**	0.38	0.64	*C18*
Rectum	239	3.7	6.5	**5.4**	0.29	0.64	204	2.7	5.3	**4.1**	0.26	0.47	*C19-20*
Anus	6	0.1	0.2	**0.1**	0.01	0.01	16	0.2	0.4	**0.3**	0.01	0.03	*C21*
Liver	1248	19.3	33.9	**28.0**	1.95	3.30	508	6.8	13.2	**10.4**	0.65	1.25	*C22*
Gallbladder etc.	94	1.5	2.6	**2.1**	0.11	0.30	112	1.5	2.9	**2.1**	0.11	0.23	*C23-24*
Pancreas	82	1.3	2.2	**1.9**	0.10	0.24	100	1.3	2.6	**2.0**	0.11	0.25	*C25*
Nose, sinuses etc.	29	0.4	0.8	**0.7**	0.05	0.07	19	0.3	0.5	**0.4**	0.03	0.05	*C30-31*
Larynx	93	1.4	2.5	**2.0**	0.12	0.21	30	0.4	0.8	**0.7**	0.05	0.09	*C32*
Trachea, bronchus and lung	1577	24.4	42.9	**36.5**	1.93	4.76	1197	16.1	31.1	**25.0**	1.39	3.31	*C33-34*
Other thoracic organs	14	0.2	0.4	**0.4**	0.03	0.03	16	0.2	0.4	**0.3**	0.02	0.04	*C37-38*
Bone	29	0.4	0.8	**0.7**	0.03	0.06	25	0.3	0.6	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	28	0.4	0.8	**0.5**	0.03	0.06	19	0.3	0.5	**0.4**	0.02	0.04	*C43*
Other skin	209		5.7	**4.7**	0.23	0.48	190		4.9	**3.6**	0.15	0.37	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	4	0.1	0.1	**0.1**	0.01	0.01	3	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	43	0.7	1.2	**1.1**	0.08	0.12	33	0.4	0.9	**0.8**	0.07	0.07	*C47+C49*
Breast	25	0.4	0.7	**0.5**	0.04	0.06	1309	17.6	34.0	**25.6**	2.08	2.70	*C50*
Vulva							39	0.5	1.0	**0.8**	0.05	0.08	*C51*
Vagina							13	0.2	0.3	**0.3**	0.02	0.03	*C52*
Cervix uteri							1231	16.5	32.0	**23.9**	1.92	2.52	*C53*
Corpus uteri							196	2.6	5.1	**4.1**	0.33	0.52	*C54*
Uterus unspecified							5	0.1	0.1	**0.1**	0.00	0.01	*C55*
Ovary							252	3.4	6.6	**5.1**	0.41	0.49	*C56*
Other female genital organs							7	0.1	0.2	**0.1**	0.01	0.01	*C57*
Placenta							9	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	70	1.1	1.9	**1.5**	0.08	0.17							*C60*
Prostate	270	4.2	7.3	**5.8**	0.16	0.69							*C61*
Testis	28	0.4	0.8	**0.7**	0.05	0.06							*C62*
Other male genital organs	3	0.0	0.1	**0.1**	0.00	0.00							*C63*
Kidney	81	1.3	2.2	**1.9**	0.10	0.22	33	0.4	0.9	**0.8**	0.05	0.08	*C64*
Renal pelvis	7	0.1	0.2	**0.2**	0.01	0.02	5	0.1	0.1	**0.1**	0.00	0.02	*C65*
Ureter	2	0.0	0.1	**0.0**	0.00	0.01	4	0.1	0.1	**0.1**	0.00	0.02	*C66*
Bladder	236	3.7	6.4	**4.9**	0.19	0.56	115	1.5	3.0	**2.3**	0.12	0.28	*C67*
Other urinary organs	2	0.0	0.1	**0.0**	0.00	0.00	3	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	13	0.2	0.4	**0.3**	0.02	0.03	10	0.1	0.3	**0.3**	0.01	0.01	*C69*
Brain, nervous system	71	1.1	1.9	**2.0**	0.12	0.18	77	1.0	2.0	**1.8**	0.13	0.17	*C70-72*
Thyroid	47	0.7	1.3	**1.0**	0.07	0.10	179	2.4	4.7	**3.7**	0.25	0.35	*C73*
Adrenal gland	3	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	5	0.1	0.1	**0.2**	0.01	0.01	7	0.1	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	29	0.4	0.8	**0.7**	0.04	0.07	18	0.2	0.5	**0.4**	0.03	0.04	*C81*
Non-Hodgkin lymphoma	294	4.6	8.0	**6.7**	0.40	0.76	232	3.1	6.0	**4.8**	0.32	0.54	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	32	0.5	0.9	**0.8**	0.06	0.09	23	0.3	0.6	**0.5**	0.04	0.06	*C90*
Lymphoid leukaemia	47	0.7	1.3	**1.6**	0.08	0.09	38	0.5	1.0	**1.4**	0.07	0.09	*C91*
Myeloid leukaemia	110	1.7	3.0	**2.7**	0.15	0.24	116	1.6	3.0	**2.8**	0.17	0.27	*C92-94*
Leukaemia unspecified	12	0.2	0.3	**0.3**	0.02	0.02	10	0.1	0.3	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	7	0.1	0.2	**0.2**	0.01	0.02	7	0.1	0.2	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	25	0.4	0.7	**0.6**	0.04	0.07	31	0.4	0.8	**0.6**	0.04	0.07	*MDS*
Other and unspecified	469	7.3	12.8	**10.5**	0.63	1.23	472	6.3	12.3	**9.9**	0.60	1.18	*O&U*
All sites	6661		181.2	**151.6**	8.67	17.86	7645		198.7	**156.0**	10.53	17.63	*C00-96*
All sites except C44	6452	100.0	175.5	**146.9**	8.43	17.38	7455	100.0	193.8	**152.4**	10.39	17.26	*C00-96 exc. C44*

Thailand, Chonburi

REGISTRATION AREA

The Chonburi Cancer Registry covers the province of Chonburi in eastern Thailand, which has an area of 4363 km^2 and includes the country's most popular beach, Pattaya. In 2005, the population was 562 000 males and 584 000 females. Most people work in the industrial sector, and some are fishermen.

CANCER CARE FACILITIES

There are 26 hospitals in Chonburi, 10 of which provide cancer diagnostic services, surgery, and chemotherapy. The Chonburi Cancer Center (CCC) is the only institution in eastern Thailand that provides radiotherapy. Palliative care is provided in all hospitals. Patients suspected to have cancer are referred to the CCC, provincial hospitals, and private hospitals.

REGISTRY STRUCTURE AND METHODS

The registry is located within and funded by the CCC and is staffed by a part-time physician, a part-time expert consultant, a part-time nurse, and four full-time employees. Data collection is both passive and active. The registry collects cases from all Chonburi hospitals and the network of cancer registries in Thailand. Staff members visit the large hospitals to collect data, and community hospitals send notification forms to the registry. Cases are followed up through records matching with the Thai National Health Security Office's population database and all death certificates. When cancer is listed as the cause of death but no other information can be found, cases are categorized as death-certification-only (DCO) cases.

INTERPRETING THE RESULTS

The number of undiagnosed cancer cases is unknown, but the proportion is probably higher in rural areas. Because the CCC offers a full range of diagnostic and treatment facilities, few residents seek cancer care outside the province. Cervical cancer screening is available in all hospitals. Mammography, alpha-fetoprotein (AFP) testing, and prostate-specific antigen (PSA) testing are common in the large hospitals.

USE OF THE DATA

The registry publishes a report on cancer incidence and mortality in Chonburi every 5 years and has joined with other registries to report national statistics every 3 years. Registry data are used by the local health authority to evaluate the effectiveness of cancer prevention, screening, and treatment initiatives. The registry is also involved in epidemiological research on cancers that are common in the province.

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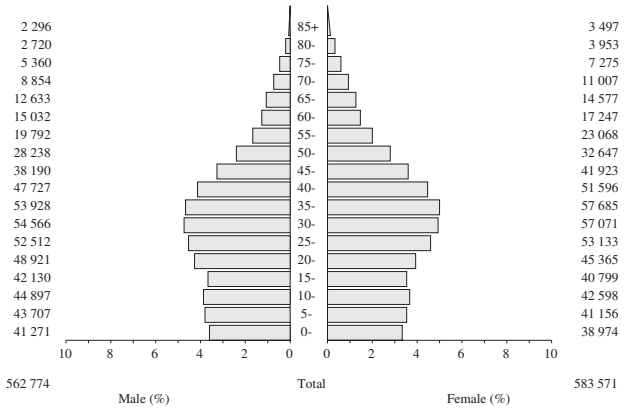
Thailand, Chonburi (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual estimates provided by the Chonburi Provincial Statistical Office of the Prime Minister, Department of Local Administration, Ministry of Interior.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	38.9	Breast	33.8
Liver	21.6	Cervix uteri	26.1
Colon	10.1	Trachea, bronchus and lung	14.5
Prostate	8.1	Colon	7.6
Non-Hodgkin lymphoma	6.3	Thyroid	6.4
Rectum	6.1	Ovary	6.4
Oesophagus	6.1	Liver	5.8
Bladder	6.1	Corpus uteri	5.2
Other and unspecified	5.6	Non-melanoma skin cancer	5.1
Non-melanoma skin cancer	5.0	Non-Hodgkin lymphoma	4.9
All sites	166.8	All sites	156.0

Thailand, Chonburi (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	11	0.3	0.4	**0.4**	0.02	0.04	32	0.7	1.1	**1.0**	0.02	0.11	*C00*
Tongue	99	2.4	3.5	**3.9**	0.25	0.46	34	0.7	1.2	**1.1**	0.07	0.14	*C01-02*
Mouth	79	1.9	2.8	**3.2**	0.17	0.42	57	1.2	2.0	**1.8**	0.07	0.18	*C03-06*
Salivary glands	24	0.6	0.9	**0.8**	0.06	0.09	22	0.5	0.8	**0.7**	0.05	0.06	*C07-08*
Tonsil	27	0.7	1.0	**1.0**	0.07	0.10	4	0.1	0.1	**0.1**	0.01	0.02	*C09*
Other oropharynx	6	0.1	0.2	**0.2**	0.02	0.03	2	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	131	3.2	4.7	**4.6**	0.34	0.50	63	1.3	2.2	**1.8**	0.15	0.17	*C11*
Hypopharynx	45	1.1	1.6	**1.8**	0.10	0.25	7	0.1	0.2	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	6	0.1	0.2	**0.3**	0.00	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	144	3.5	5.1	**6.1**	0.37	0.78	32	0.7	1.1	**1.1**	0.03	0.12	*C15*
Stomach	112	2.7	4.0	**4.3**	0.21	0.51	118	2.5	4.0	**3.6**	0.21	0.38	*C16*
Small intestine	6	0.1	0.2	**0.2**	0.02	0.02	2	0.0	0.1	**0.0**	0.00	0.00	*C17*
Colon	260	6.3	9.2	**10.1**	0.56	1.15	226	4.7	7.7	**7.6**	0.42	0.92	*C18*
Rectum	160	3.9	5.7	**6.1**	0.34	0.72	109	2.3	3.7	**3.5**	0.22	0.43	*C19-20*
Anus	2	0.0	0.1	**0.1**	0.00	0.00	3	0.1	0.1	**0.1**	0.00	0.01	*C21*
Liver	561	13.6	19.9	**21.6**	1.55	2.57	176	3.7	6.0	**5.8**	0.32	0.68	*C22*
Gallbladder etc.	66	1.6	2.3	**2.6**	0.15	0.35	56	1.2	1.9	**1.8**	0.12	0.19	*C23-24*
Pancreas	64	1.6	2.3	**2.5**	0.15	0.28	78	1.6	2.7	**2.5**	0.12	0.29	*C25*
Nose, sinuses etc.	23	0.6	0.8	**0.8**	0.05	0.10	18	0.4	0.6	**0.6**	0.04	0.07	*C30-31*
Larynx	109	2.6	3.9	**4.6**	0.35	0.58	13	0.3	0.4	**0.4**	0.02	0.04	*C32*
Trachea, bronchus and lung	934	22.7	33.2	**38.9**	2.06	4.85	427	8.9	14.6	**14.5**	0.80	1.76	*C33-34*
Other thoracic organs	6	0.1	0.2	**0.2**	0.02	0.02	6	0.1	0.2	**0.2**	0.01	0.02	*C37-38*
Bone	20	0.5	0.7	**0.7**	0.04	0.06	16	0.3	0.5	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	16	0.4	0.6	**0.7**	0.04	0.07	16	0.3	0.5	**0.5**	0.02	0.06	*C43*
Other skin	129		4.6	**5.0**	0.22	0.54	152		5.2	**5.1**	0.24	0.56	*C44*
Mesothelioma	2	0.0	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	4	0.1	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	44	1.1	1.6	**1.6**	0.08	0.15	35	0.7	1.2	**1.1**	0.07	0.12	*C47+C49*
Breast	6	0.1	0.2	**0.2**	0.01	0.03	1133	23.6	38.8	**33.8**	2.78	3.61	*C50*
Vulva							15	0.3	0.5	**0.4**	0.03	0.05	*C51*
Vagina							5	0.1	0.2	**0.2**	0.01	0.02	*C52*
Cervix uteri							864	18.0	29.6	**26.1**	2.06	2.88	*C53*
Corpus uteri							158	3.3	5.4	**5.2**	0.43	0.61	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							208	4.3	7.1	**6.4**	0.45	0.67	*C56*
Other female genital organs							2	0.0	0.1	**0.1**	0.01	0.01	*C57*
Placenta							15	0.3	0.5	**0.5**	0.03	0.03	*C58*
Penis	32	0.8	1.1	**1.3**	0.12	0.16							*C60*
Prostate	189	4.6	6.7	**8.1**	0.24	0.85							*C61*
Testis	40	1.0	1.4	**1.3**	0.10	0.10							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	25	0.6	0.9	**1.0**	0.06	0.10	15	0.3	0.5	**0.5**	0.04	0.05	*C64*
Renal pelvis	6	0.1	0.2	**0.3**	0.01	0.04	6	0.1	0.2	**0.2**	0.01	0.03	*C65*
Ureter	1	0.0	0.0	**0.0**	0.00	0.00	4	0.1	0.1	**0.1**	0.01	0.01	*C66*
Bladder	147	3.6	5.2	**6.1**	0.26	0.68	27	0.6	0.9	**0.9**	0.05	0.09	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	7	0.2	0.2	**0.3**	0.02	0.03	6	0.1	0.2	**0.1**	0.01	0.01	*C69*
Brain, nervous system	71	1.7	2.5	**2.5**	0.16	0.24	66	1.4	2.3	**2.3**	0.15	0.21	*C70-72*
Thyroid	43	1.0	1.5	**1.5**	0.10	0.14	216	4.5	7.4	**6.4**	0.48	0.58	*C73*
Adrenal gland	2	0.0	0.1	**0.1**	0.00	0.00	3	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.00	0.00	3	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	13	0.3	0.5	**0.5**	0.03	0.03	8	0.2	0.3	**0.3**	0.01	0.03	*C81*
Non-Hodgkin lymphoma	181	4.4	6.4	**6.3**	0.44	0.64	146	3.0	5.0	**4.9**	0.36	0.49	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	20	0.5	0.7	**0.8**	0.06	0.08	29	0.6	1.0	**1.0**	0.07	0.10	*C90*
Lymphoid leukaemia	56	1.4	2.0	**2.5**	0.12	0.16	43	0.9	1.5	**1.8**	0.10	0.11	*C91*
Myeloid leukaemia	79	1.9	2.8	**2.8**	0.16	0.30	65	1.4	2.2	**2.2**	0.13	0.19	*C92-94*
Leukaemia unspecified	36	0.9	1.3	**1.4**	0.06	0.12	49	1.0	1.7	**1.7**	0.10	0.13	*C95*
Myeloproliferative disorders	27	0.7	1.0	**1.0**	0.07	0.10	17	0.4	0.6	**0.6**	0.04	0.05	*MPD*
Myelodysplastic syndromes	20	0.5	0.7	**0.8**	0.05	0.08	22	0.5	0.8	**0.7**	0.04	0.08	*MDS*
Other and unspecified	155	3.8	5.5	**5.6**	0.33	0.66	113	2.4	3.9	**3.5**	0.20	0.39	*O&U*
All sites	4249		151.0	**166.8**	9.64	19.25	4944		169.4	**156.0**	10.71	16.81	*C00-96*
All sites except C44	4120	100.0	146.4	**161.8**	9.42	18.72	4792	100.0	164.2	**151.0**	10.47	16.25	*C00-96 exc. C44*

Thailand, Khon Kaen

REGISTRATION AREA

The Khon Kaen Cancer Registry covers the province of Khon Kaen in north-eastern Thailand. The province is 163 m above sea level, has an area of 10 886 km^2, and has a population of 1.7 million. It is bordered by the provinces of Loei, Nong Bua Lam Phu, and Udon Thani to the north; Kalasin and Maha Sarakham to the east; Buriram and Nakhon Ratchasima to the south; and Chaiyaphum and Phetchabun to the west. The climate is generally hot and dry, with a mean annual temperature of 28 °C and a mean annual rainfall of 1188 mm. The majority of the population is employed in rice farming.

CANCER CARE FACILITIES

Khon Kaen is divided into 26 health districts. The province's most important facility is Srinagarind Hospital (a 1000-bed university hospital), which is the largest referral centre in north-eastern Thailand. The hospital is well equipped and provides surgery, chemotherapy, and radiotherapy; immunotherapy and organ transplantation facilities are in development. The other institutions that provide data to the registry are the Khon Kaen Regional Hospital (with 867 beds), the Khon Kaen Central Hospital, two health promotion centres, two private hospitals, and 25 community hospitals. The physician-to-population ratio is about 1:3110.

REGISTRY STRUCTURE AND METHODS

The registry was established within the Faculty of Medicine, Khon Kaen University in 1985. It collects data from all care facilities in the province, by both active and passive methods. Data on Khon Kaen residents are extracted from hospitals; the medical charts of patients diagnosed with cancer are reviewed and cases are registered by cancer unit staff members. Death certificates are collected from the civil registration system. All data are verified, checked for duplication, coded, and entered using CanReg software. Questionable cases are traced back to the original information sources for clarification. All multiple primary cases are verified against the original records, and the physicians are consulted if necessary. Registered cases are followed up for vital status.

CONTRIBUTORS

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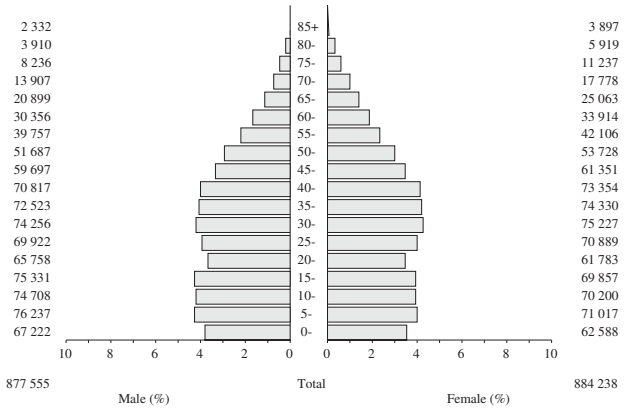
Thailand, Khon Kaen (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual intercensal estimates based on the 2000 census, provided by the National Statistical Office of Thailand.

NOTES ON THE DATA

*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Liver	64.0	Liver	25.6
Trachea, bronchus and lung	18.4	Breast	18.6
Other and unspecified	7.6	Cervix uteri	11.8
Colon	5.7	Trachea, bronchus and lung	6.0
Gallbladder etc.	5.4	Ovary	5.3
Non-Hodgkin lymphoma	4.4	Colon	5.0
Rectum	4.4	Thyroid	4.7
Non-melanoma skin cancer	3.8	Other and unspecified	4.6
Prostate	3.1	Non-melanoma skin cancer	3.4
Bladder	3.0	Corpus uteri	3.3
All sites	148.1	All sites	116.2

*Thailand, Khon Kaen (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	11	0.2	0.3	**0.3**	0.01	0.04	74	1.3	1.7	**1.6**	0.04	0.22	*C00*
Tongue	53	0.9	1.2	**1.2**	0.07	0.13	39	0.7	0.9	**0.8**	0.05	0.09	*C01-02*
Mouth	46	0.8	1.0	**1.1**	0.06	0.11	72	1.3	1.6	**1.5**	0.05	0.17	*C03-06*
Salivary glands	21	0.4	0.5	**0.5**	0.03	0.06	13	0.2	0.3	**0.3**	0.02	0.02	*C07-08*
Tonsil	19	0.3	0.4	**0.4**	0.02	0.06	3	0.1	0.1	**0.1**	0.00	0.00	*C09*
Other oropharynx	3	0.1	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	106	1.8	2.4	**2.3**	0.17	0.25	50	0.9	1.1	**1.0**	0.09	0.10	*C11*
Hypopharynx	30	0.5	0.7	**0.7**	0.04	0.08	3	0.1	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	37	0.6	0.8	**0.9**	0.05	0.11	13	0.2	0.3	**0.3**	0.01	0.02	*C15*
Stomach	104	1.7	2.4	**2.5**	0.13	0.30	85	1.5	1.9	**1.7**	0.11	0.20	*C16*
Small intestine	6	0.1	0.1	**0.1**	0.02	0.02	5	0.1	0.1	**0.1**	0.01	0.01	*C17*
Colon	238	4.0	5.4	**5.7**	0.32	0.69	243	4.4	5.5	**5.0**	0.30	0.53	*C18*
Rectum	178	3.0	4.1	**4.4**	0.23	0.52	116	2.1	2.6	**2.3**	0.11	0.30	*C19-20*
Anus	7	0.1	0.2	**0.2**	0.01	0.03	6	0.1	0.1	**0.1**	0.01	0.01	*C21*
Liver	2638	44.1	60.1	**64.0**	3.50	8.08	1220	21.9	27.6	**25.6**	1.25	3.32	*C22*
Gallbladder etc.	222	3.7	5.1	**5.4**	0.29	0.68	143	2.6	3.2	**2.9**	0.18	0.36	*C23-24*
Pancreas	39	0.7	0.9	**0.9**	0.06	0.12	40	0.7	0.9	**0.8**	0.05	0.10	*C25*
Nose, sinuses etc.	24	0.4	0.5	**0.6**	0.03	0.05	7	0.1	0.2	**0.1**	0.00	0.01	*C30-31*
Larynx	47	0.8	1.1	**1.2**	0.05	0.15	4	0.1	0.1	**0.1**	0.00	0.00	*C32*
Trachea, bronchus and lung	745	12.5	17.0	**18.4**	0.90	2.34	294	5.3	6.6	**6.0**	0.36	0.73	*C33-34*
Other thoracic organs	22	0.4	0.5	**0.5**	0.04	0.04	3	0.1	0.1	**0.1**	0.00	0.00	*C37-38*
Bone	25	0.4	0.6	**0.6**	0.04	0.05	22	0.4	0.5	**0.5**	0.02	0.04	*C40-41*
Melanoma of skin	19	0.3	0.4	**0.5**	0.02	0.07	26	0.5	0.6	**0.5**	0.03	0.07	*C43*
Other skin	150		3.4	**3.8**	0.15	0.44	161		3.6	**3.4**	0.11	0.34	*C44*
Mesothelioma	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	46	0.8	1.0	**1.0**	0.07	0.10	29	0.5	0.7	**0.6**	0.04	0.06	*C47+C49*
Breast	14	0.2	0.3	**0.3**	0.02	0.04	966	17.3	21.8	**18.6**	1.52	1.98	*C50*
Vulva							17	0.3	0.4	**0.3**	0.02	0.05	*C51*
Vagina							7	0.1	0.2	**0.1**	0.01	0.01	*C52*
Cervix uteri							621	11.1	14.0	**11.8**	0.94	1.26	*C53*
Corpus uteri							169	3.0	3.8	**3.3**	0.27	0.40	*C54*
Uterus unspecified							11	0.2	0.2	**0.2**	0.02	0.02	*C55*
Ovary							265	4.7	6.0	**5.3**	0.40	0.58	*C56*
Other female genital organs							3	0.1	0.1	**0.1**	0.00	0.00	*C57*
Placenta							17	0.3	0.4	**0.3**	0.03	0.03	*C58*
Penis	72	1.2	1.6	**1.6**	0.11	0.14							*C60*
Prostate	119	2.0	2.7	**3.1**	0.08	0.32							*C61*
Testis	16	0.3	0.4	**0.3**	0.02	0.02							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	37	0.6	0.8	**0.9**	0.06	0.09	32	0.6	0.7	**0.7**	0.05	0.06	*C64*
Renal pelvis	16	0.3	0.4	**0.4**	0.02	0.05	5	0.1	0.1	**0.1**	0.01	0.01	*C65*
Ureter	3	0.1	0.1	**0.1**	0.00	0.02	3	0.1	0.1	**0.1**	0.00	0.01	*C66*
Bladder	127	2.1	2.9	**3.0**	0.15	0.36	44	0.8	1.0	**0.9**	0.04	0.09	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.01	*C68*
Eye	16	0.3	0.4	**0.5**	0.03	0.03	14	0.3	0.3	**0.4**	0.02	0.02	*C69*
Brain, nervous system	61	1.0	1.4	**1.4**	0.08	0.12	57	1.0	1.3	**1.2**	0.08	0.12	*C70-72*
Thyroid	42	0.7	1.0	**0.9**	0.05	0.10	241	4.3	5.5	**4.7**	0.32	0.46	*C73*
Adrenal gland	5	0.1	0.1	**0.1**	0.01	0.01	2	0.0	0.0	**0.1**	0.00	0.00	*C74*
Other endocrine	2	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	33	0.6	0.8	**0.7**	0.05	0.08	19	0.3	0.4	**0.4**	0.02	0.04	*C81*
Non-Hodgkin lymphoma	190	3.2	4.3	**4.4**	0.26	0.52	157	2.8	3.6	**3.2**	0.22	0.34	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	28	0.5	0.6	**0.7**	0.03	0.10	31	0.6	0.7	**0.7**	0.03	0.08	*C90*
Lymphoid leukaemia	56	0.9	1.3	**1.5**	0.08	0.11	37	0.7	0.8	**1.0**	0.05	0.08	*C91*
Myeloid leukaemia	98	1.6	2.2	**2.3**	0.14	0.25	90	1.6	2.0	**1.9**	0.13	0.18	*C92-94*
Leukaemia unspecified	14	0.2	0.3	**0.3**	0.02	0.03	17	0.3	0.4	**0.3**	0.02	0.03	*C95*
Myeloproliferative disorders	11	0.2	0.3	**0.3**	0.02	0.03	3	0.1	0.1	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	13	0.2	0.3	**0.3**	0.01	0.05	10	0.2	0.2	**0.2**	0.01	0.03	*MDS*
Other and unspecified	316	5.3	7.2	**7.6**	0.42	0.93	227	4.1	5.1	**4.6**	0.27	0.56	*O&U*
All sites	6128		139.7	**148.1**	7.95	17.94	5741		129.9	**116.2**	7.36	13.19	*C00-96*
All sites except C44	5978	100.0	136.2	**144.3**	7.80	17.50	5580	100.0	126.2	**112.8**	7.25	12.85	*C00-96 exc. C44*

*See note following population pyramid

Thailand, Lampang

REGISTRATION AREA
The Lampang Cancer Registry covers the province of Lampang in northern Thailand.

REGISTRY STRUCTURE AND METHODS
The registry is located in Lampang Cancer Hospital. It uses passive methods of data collection from 21 information sources: cancer centres, general hospitals, community hospitals, private hospitals, university hospitals, the provincial public health service, and pathology laboratories. The data collected are registration number, name, residential address, date of birth, age, sex, date of diagnosis, site of cancer, histology, staging, extent of disease, method of diagnosis, treatment, date of last contact, and vital status. Primary site and histology are coded according to ICD-O-3. The registry uses the IARC rules (1990) for multiple primary tumours. Death certificates are obtained from the Thai Ministry of Public Health's Bureau of Policy and Strategy. All registered cases are passively followed up through record linkage with the Thai National Health Security Office's database. CanReg4 software is used for data entry and analysis.

INTERPRETING THE RESULTS
The registry's case ascertainment has been estimated to be more than 97% complete (Suwanrungruang et al., 2011). A national hepatitis B virus vaccination programme for children was started in 1992, and a national cervical cancer screening programme for women aged 35–54 years was launched in 1998. Other programmes, such as prostate-specific antigen (PSA) testing and screening for breast and colon cancers, have been established (although not nationwide) in provincial hospitals, university hospitals, cancer centres, and some private hospitals.

USE OF THE DATA
The registry publishes annual reports on hospital-based cancer registration and periodic reports on population-based cancer incidence, mortality, and survival. Registry data have been used in cancer research and by the local health authority for cancer control planning and the evaluation of cancer prevention, screening, and treatment initiatives.

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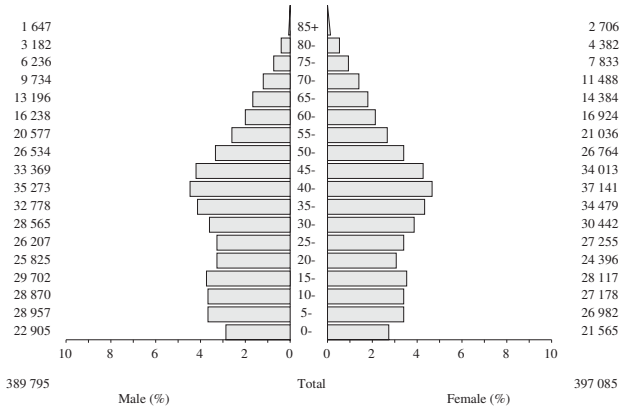
Thailand, Lampang (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Annual intercensal estimates based on the 2000 census, provided by the National Statistical Office of Thailand.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	48.8	Breast	28.2
Liver	37.2	Trachea, bronchus and lung	25.8
Other and unspecified	10.5	Cervix uteri	19.9
Colon	9.0	Liver	13.7
Non-Hodgkin lymphoma	6.5	Other and unspecified	8.2
Prostate	6.4	Ovary	6.5
Rectum	5.9	Colon	6.4
Bladder	5.6	Non-melanoma skin cancer	5.4
Stomach	4.4	Thyroid	4.5
Non-melanoma skin cancer	4.0	Non-Hodgkin lymphoma	4.4
All sites	172.9	All sites	159.3

Thailand, Lampang (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	4	0.1	0.2	**0.1**	0.01	0.02	7	0.2	0.4	**0.3**	0.02	0.02	*C00*
Tongue	39	0.9	2.0	**1.6**	0.10	0.15	24	0.6	1.2	**0.9**	0.06	0.11	*C01-02*
Mouth	39	0.9	2.0	**1.5**	0.07	0.21	33	0.8	1.7	**1.2**	0.07	0.14	*C03-06*
Salivary glands	12	0.3	0.6	**0.5**	0.04	0.05	14	0.3	0.7	**0.5**	0.03	0.05	*C07-08*
Tonsil	14	0.3	0.7	**0.6**	0.03	0.04	5	0.1	0.3	**0.2**	0.01	0.01	*C09*
Other oropharynx	3	0.1	0.2	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	60	1.5	3.1	**2.4**	0.21	0.26	34	0.8	1.7	**1.4**	0.08	0.16	*C11*
Hypopharynx	14	0.3	0.7	**0.6**	0.03	0.06	2	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	1	0.0	0.1	**0.0**	0.00	0.01	2	0.0	0.1	**0.1**	0.00	0.00	*C14*
Oesophagus	41	1.0	2.1	**1.7**	0.11	0.21	16	0.4	0.8	**0.6**	0.03	0.06	*C15*
Stomach	110	2.7	5.6	**4.4**	0.22	0.50	70	1.7	3.5	**2.5**	0.15	0.29	*C16*
Small intestine	2	0.0	0.1	**0.1**	0.00	0.01	9	0.2	0.5	**0.3**	0.01	0.03	*C17*
Colon	221	5.4	11.3	**9.0**	0.46	1.09	178	4.3	9.0	**6.4**	0.41	0.77	*C18*
Rectum	145	3.5	7.4	**5.9**	0.28	0.68	108	2.6	5.4	**4.0**	0.24	0.45	*C19-20*
Anus	1	0.0	0.1	**0.0**	0.00	0.00	6	0.1	0.3	**0.2**	0.00	0.02	*C21*
Liver	926	22.5	47.5	**37.2**	2.42	4.29	379	9.2	19.1	**13.7**	0.80	1.62	*C22*
Gallbladder etc.	78	1.9	4.0	**3.2**	0.16	0.38	86	2.1	4.3	**3.1**	0.13	0.39	*C23-24*
Pancreas	48	1.2	2.5	**1.9**	0.11	0.22	57	1.4	2.9	**2.0**	0.10	0.23	*C25*
Nose, sinuses etc.	17	0.4	0.9	**0.7**	0.05	0.08	12	0.3	0.6	**0.4**	0.03	0.04	*C30-31*
Larynx	44	1.1	2.3	**1.9**	0.10	0.24	16	0.4	0.8	**0.6**	0.02	0.08	*C32*
Trachea, bronchus and lung	1184	28.8	60.8	**48.8**	2.25	6.50	694	16.8	35.0	**25.8**	1.36	3.45	*C33-34*
Other thoracic organs	1	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*C37-38*
Bone	13	0.3	0.7	**0.6**	0.02	0.05	13	0.3	0.7	**0.5**	0.03	0.05	*C40-41*
Melanoma of skin	9	0.2	0.5	**0.4**	0.01	0.05	15	0.4	0.8	**0.6**	0.03	0.05	*C43*
Other skin	96		4.9	**4.0**	0.23	0.44	149		7.5	**5.4**	0.24	0.59	*C44*
Mesothelioma	2	0.0	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	21	0.5	1.1	**0.9**	0.07	0.08	20	0.5	1.0	**0.9**	0.06	0.09	*C47+C49*
Breast	7	0.2	0.4	**0.3**	0.01	0.04	770	18.6	38.8	**28.2**	2.25	3.02	*C50*
Vulva							21	0.5	1.1	**0.8**	0.04	0.09	*C51*
Vagina							3	0.1	0.2	**0.1**	0.02	0.02	*C52*
Cervix uteri							545	13.2	27.5	**19.9**	1.64	2.07	*C53*
Corpus uteri							84	2.0	4.2	**3.2**	0.28	0.35	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							162	3.9	8.2	**6.5**	0.48	0.63	*C56*
Other female genital organs							2	0.0	0.1	**0.1**	0.01	0.01	*C57*
Placenta							4	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	26	0.6	1.3	**1.1**	0.06	0.13							*C60*
Prostate	160	3.9	8.2	**6.4**	0.14	0.65							*C61*
Testis	10	0.2	0.5	**0.5**	0.03	0.03							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	35	0.9	1.8	**1.4**	0.06	0.18	12	0.3	0.6	**0.5**	0.03	0.05	*C64*
Renal pelvis	31	0.8	1.6	**1.2**	0.08	0.17	12	0.3	0.6	**0.5**	0.03	0.06	*C65*
Ureter	4	0.1	0.2	**0.1**	0.00	0.01	3	0.1	0.2	**0.1**	0.01	0.01	*C66*
Bladder	138	3.4	7.1	**5.6**	0.22	0.72	57	1.4	2.9	**1.9**	0.07	0.23	*C67*
Other urinary organs	1	0.0	0.1	**0.0**	0.00	0.01	2	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	4	0.1	0.2	**0.3**	0.01	0.01	3	0.1	0.2	**0.1**	0.01	0.01	*C69*
Brain, nervous system	46	1.1	2.4	**2.0**	0.14	0.17	43	1.0	2.2	**1.7**	0.12	0.16	*C70-72*
Thyroid	20	0.5	1.0	**0.8**	0.06	0.08	113	2.7	5.7	**4.5**	0.32	0.43	*C73*
Adrenal gland	3	0.1	0.2	**0.1**	0.00	0.02	3	0.1	0.2	**0.1**	0.01	0.01	*C74*
Other endocrine	3	0.1	0.2	**0.1**	0.01	0.02	2	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	6	0.1	0.3	**0.3**	0.02	0.03	5	0.1	0.3	**0.2**	0.02	0.02	*C81*
Non-Hodgkin lymphoma	156	3.8	8.0	**6.5**	0.39	0.75	117	2.8	5.9	**4.4**	0.26	0.48	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	37	0.9	1.9	**1.5**	0.07	0.17	27	0.7	1.4	**1.0**	0.05	0.13	*C90*
Lymphoid leukaemia	34	0.8	1.7	**1.9**	0.11	0.14	27	0.7	1.4	**1.5**	0.08	0.10	*C91*
Myeloid leukaemia	48	1.2	2.5	**2.1**	0.12	0.21	59	1.4	3.0	**2.5**	0.15	0.26	*C92-94*
Leukaemia unspecified	34	0.8	1.7	**1.7**	0.09	0.16	26	0.6	1.3	**1.0**	0.06	0.09	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	2	0.0	0.1	**0.1**	0.00	0.02	1	0.0	0.1	**0.0**	0.00	0.00	*MDS*
Other and unspecified	261	6.3	13.4	**10.5**	0.67	1.24	223	5.4	11.2	**8.2**	0.47	0.93	*O&U*
All sites	4212		216.1	**172.9**	9.30	20.63	4278		215.5	**159.3**	10.36	17.96	*C00-96*
All sites except C44	4116	100.0	211.2	**168.9**	9.07	20.19	4129	100.0	208.0	**153.9**	10.12	17.37	*C00-96 exc. C44*

Thailand, Songkhla

REGISTRATION AREA
The Songkhla Cancer Registry covers the province of Songkhla in southern Thailand. In 2000, the population was 1.3 million (80% Buddhist, 20% Muslim or Christian). Two cities in the province, Songkhla (the capital) and Hat Yai (the economic centre of southern Thailand), have high proportions of ethnic Chinese residents compared with other Thai cities.

CANCER CARE FACILITIES
Government health care facilities include three hospitals (with a total of more than 500 beds), 13 community hospitals, and many community health centres. In urban areas, there are also private clinics and hospitals. Prince of Songkla University's (PSU's) Songklanagarind Hospital is the larger of the two hospitals in southern Thailand that provide radiotherapy services. Patients suspected to have cancer are referred to Songkhla Hospital, Hatyai Hospital, and Songklanagarind Hospital.

REGISTRY STRUCTURE AND METHODS
The registry is part of the PSU Cancer Centre, which has an advisory team of specialists in all major cancer fields. The registry is headed by a practising clinician and is staffed by two pathologists, a radiologist, an epidemiologist, two nurses, and eight support staff members. It uses active case finding from 23 sources: all hospitals in the province, the provincial health office, and the provincial population registration office. Death registration is relatively complete, but the recorded cause of death is not always accurate.

INTERPRETING THE RESULTS
The number of undiagnosed and unregistered cases is believed to be low. Some residents (particularly in remote areas) visit hospitals in the two nearby provinces, some never enter the health care system, and a few seek care in Bangkok. There were no screening programmes during the reporting period, and prostate-specific antigen (PSA) testing is not common.

USE OF THE DATA
Registry data are used by government, academic, and public institutions. The registry collaborates with the National Cancer Institute of Thailand and other registries to provide national cancer statistics, projections, and recommendations.

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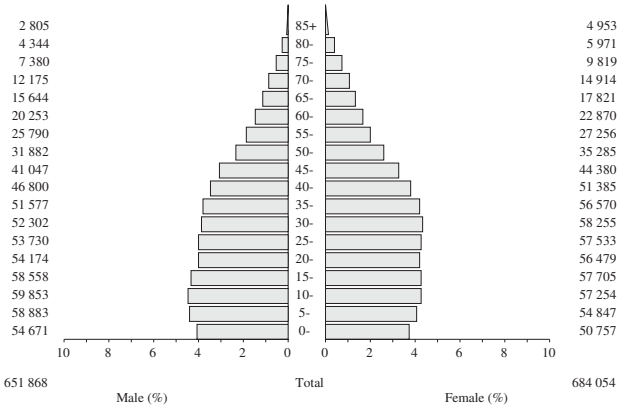
Thailand, Songkhla (2004-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Annual intercensal estimates based on the 2000 census, provided by the National Statistical Office of Thailand.

NOTES ON THE DATA
*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	25.3	Breast	21.6
Liver	16.4	Cervix uteri	15.2
Oesophagus	9.0	Trachea, bronchus and lung	6.6
Colon	7.4	Ovary	6.2
Other and unspecified	7.2	Colon	5.4
Prostate	7.1	Thyroid	4.8
Rectum	6.0	Other and unspecified	4.3
Non-Hodgkin lymphoma	5.8	Non-Hodgkin lymphoma	4.0
Bladder	4.8	Liver	3.9
Non-melanoma skin cancer	4.2	Corpus uteri	3.8
All sites	141.5	All sites	106.8

*Thailand, Songkhla (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.1	0.1	**0.1**	0.01	0.01	11	0.4	0.4	**0.3**	0.00	0.04	*C00*
Tongue	93	2.7	3.6	**3.7**	0.21	0.42	17	0.6	0.6	**0.6**	0.04	0.06	*C01-02*
Mouth	94	2.7	3.6	**3.8**	0.17	0.44	34	1.1	1.2	**1.0**	0.03	0.10	*C03-06*
Salivary glands	9	0.3	0.3	**0.4**	0.02	0.05	17	0.6	0.6	**0.5**	0.04	0.04	*C07-08*
Tonsil	37	1.1	1.4	**1.4**	0.08	0.16	9	0.3	0.3	**0.3**	0.01	0.04	*C09*
Other oropharynx	25	0.7	1.0	**1.0**	0.03	0.09	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	93	2.7	3.6	**3.5**	0.29	0.35	31	1.0	1.1	**1.0**	0.08	0.12	*C11*
Hypopharynx	65	1.9	2.5	**2.6**	0.16	0.32	6	0.2	0.2	**0.2**	0.01	0.04	*C12-13*
Pharynx unspecified	6	0.2	0.2	**0.2**	0.01	0.01	3	0.1	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	219	6.3	8.4	**9.0**	0.55	1.09	43	1.4	1.6	**1.4**	0.06	0.19	*C15*
Stomach	76	2.2	2.9	**3.0**	0.13	0.34	45	1.5	1.6	**1.6**	0.08	0.19	*C16*
Small intestine	9	0.3	0.3	**0.3**	0.02	0.03	7	0.2	0.3	**0.2**	0.02	0.03	*C17*
Colon	186	5.4	7.1	**7.4**	0.38	0.93	160	5.2	5.8	**5.4**	0.32	0.61	*C18*
Rectum	148	4.3	5.7	**6.0**	0.28	0.70	94	3.1	3.4	**3.1**	0.19	0.37	*C19-20*
Anus	7	0.2	0.3	**0.3**	0.01	0.04	2	0.1	0.1	**0.1**	0.01	0.01	*C21*
Liver	415	12.0	15.9	**16.4**	1.23	1.82	116	3.8	4.2	**3.9**	0.17	0.47	*C22*
Gallbladder etc.	27	0.8	1.0	**1.1**	0.05	0.10	34	1.1	1.2	**1.1**	0.05	0.13	*C23-24*
Pancreas	58	1.7	2.2	**2.3**	0.14	0.27	44	1.4	1.6	**1.5**	0.07	0.19	*C25*
Nose, sinuses etc.	16	0.5	0.6	**0.6**	0.04	0.06	6	0.2	0.2	**0.2**	0.00	0.03	*C30-31*
Larynx	94	2.7	3.6	**3.7**	0.17	0.43	5	0.2	0.2	**0.2**	0.00	0.03	*C32*
Trachea, bronchus and lung	624	18.0	23.9	**25.3**	1.16	3.07	204	6.6	7.5	**6.6**	0.32	0.77	*C33-34*
Other thoracic organs	9	0.3	0.3	**0.3**	0.02	0.04	4	0.1	0.1	**0.1**	0.01	0.01	*C37-38*
Bone	20	0.6	0.8	**0.8**	0.04	0.10	13	0.4	0.5	**0.5**	0.02	0.03	*C40-41*
Melanoma of skin	10	0.3	0.4	**0.4**	0.03	0.04	10	0.3	0.4	**0.3**	0.02	0.04	*C43*
Other skin	109		4.2	**4.2**	0.20	0.36	113		4.1	**3.5**	0.14	0.33	*C44*
Mesothelioma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	34	1.0	1.3	**1.3**	0.09	0.11	25	0.8	0.9	**0.9**	0.06	0.07	*C47+C49*
Breast	4	0.1	0.2	**0.2**	0.01	0.02	649	21.1	23.7	**21.6**	1.75	2.30	*C50*
Vulva							9	0.3	0.3	**0.3**	0.02	0.05	*C51*
Vagina							3	0.1	0.1	**0.1**	0.01	0.01	*C52*
Cervix uteri							459	14.9	16.8	**15.2**	1.20	1.61	*C53*
Corpus uteri							105	3.4	3.8	**3.8**	0.32	0.49	*C54*
Uterus unspecified							5	0.2	0.2	**0.2**	0.02	0.02	*C55*
Ovary							178	5.8	6.5	**6.2**	0.48	0.66	*C56*
Other female genital organs							4	0.1	0.1	**0.1**	0.02	0.02	*C57*
Placenta							13	0.4	0.5	**0.4**	0.03	0.03	*C58*
Penis	48	1.4	1.8	**1.8**	0.10	0.16							*C60*
Prostate	181	5.2	6.9	**7.1**	0.16	0.77							*C61*
Testis	7	0.2	0.3	**0.2**	0.02	0.03							*C62*
Other male genital organs	4	0.1	0.2	**0.2**	0.02	0.02							*C63*
Kidney	40	1.2	1.5	**1.6**	0.09	0.18	23	0.7	0.8	**0.9**	0.06	0.10	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	1	0.0	0.0	**0.0**	0.00	0.00	3	0.1	0.1	**0.1**	0.01	0.01	*C66*
Bladder	123	3.6	4.7	**4.8**	0.17	0.55	20	0.7	0.7	**0.6**	0.02	0.04	*C67*
Other urinary organs	2	0.1	0.1	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	15	0.4	0.6	**0.6**	0.04	0.04	7	0.2	0.3	**0.3**	0.02	0.02	*C69*
Brain, nervous system	72	2.1	2.8	**2.7**	0.16	0.26	72	2.3	2.6	**2.6**	0.16	0.25	*C70-72*
Thyroid	45	1.3	1.7	**1.7**	0.11	0.18	147	4.8	5.4	**4.8**	0.32	0.48	*C73*
Adrenal gland	3	0.1	0.1	**0.1**	0.01	0.01	4	0.1	0.1	**0.2**	0.01	0.01	*C74*
Other endocrine	3	0.1	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	21	0.6	0.8	**0.8**	0.06	0.07	14	0.5	0.5	**0.5**	0.04	0.04	*C81*
Non-Hodgkin lymphoma	148	4.3	5.7	**5.8**	0.34	0.65	117	3.8	4.3	**4.0**	0.24	0.45	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	33	1.0	1.3	**1.3**	0.08	0.13	34	1.1	1.2	**1.2**	0.06	0.14	*C90*
Lymphoid leukaemia	36	1.0	1.4	**1.5**	0.08	0.12	34	1.1	1.2	**1.3**	0.07	0.10	*C91*
Myeloid leukaemia	88	2.5	3.4	**3.5**	0.19	0.30	75	2.4	2.7	**2.6**	0.13	0.27	*C92-94*
Leukaemia unspecified	24	0.7	0.9	**1.0**	0.06	0.08	22	0.7	0.8	**0.8**	0.04	0.08	*C95*
Myeloproliferative disorders	1	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.1	**0.1**	0.00	0.00	*MPD*
Myelodysplastic syndromes	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	183	5.3	7.0	**7.2**	0.38	0.87	131	4.3	4.8	**4.3**	0.25	0.45	*O&U*
All sites	3569		136.9	**141.5**	7.54	15.85	3184		116.4	**106.8**	7.03	11.62	*C00-96*
All sites except C44	3460	100.0	132.7	**137.3**	7.35	15.48	3071	100.0	112.2	**103.3**	6.88	11.29	*C00-96 exc. C44*

*See note following population pyramid

Turkey, Antalya

REGISTRATION AREA

The Antalya Cancer Registry covers Antalya Province on the Mediterranean coast of southern Turkey. In 2006, the population was 1.7 million, with 74.8% of residents living in urban areas. In recent years, Antalya has experienced the fastest rate of population growth in Turkey, due to internal migration. The majority religion is Islam. Regional income comes from trade, agriculture (particularly commercial production of flowers, vegetables, and fruit), tourism, and construction.

CANCER CARE FACILITIES

General health care is provided mainly by primary health centres and government hospitals, but the number of private hospitals and health centres has increased in recent years. Patients suspected to have cancer are generally referred by primary and secondary care facilities to the Mediterranean University Hospital and government hospitals in central Antalya.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1995. It is staffed by a full-time public health specialist (a physician) and two full-time health workers (trained as cancer registrars). An additional 17 registrars are based in hospitals and clinics. The registry actively collects data from all hospitals and some clinics that provide cancer diagnostic and treatment services in the province. The information sources are 13 government hospitals, a government education–research hospital, two university hospitals, 17 private hospitals, a private radiotherapy clinic, three private pathology laboratories, two radiology imaging centres, several private health centres, and the Center for Early Diagnosis and Screening of Cancer. The registry staff members working in government and university hospitals review the hospital archives and the records of departments involved in cancer diagnosis to identify and abstract information on cases. The death registration system is incomplete, particularly in rural areas, and cause of death is often not stated or is simply listed as cardiorespiratory arrest. The registry uses ICD-O-3 for topography and histology coding and CanReg4 software for database management and data processing. The registry follows the *Middle East Cancer Consortium (MECC) Manual of Standards for Cancer Registration*.

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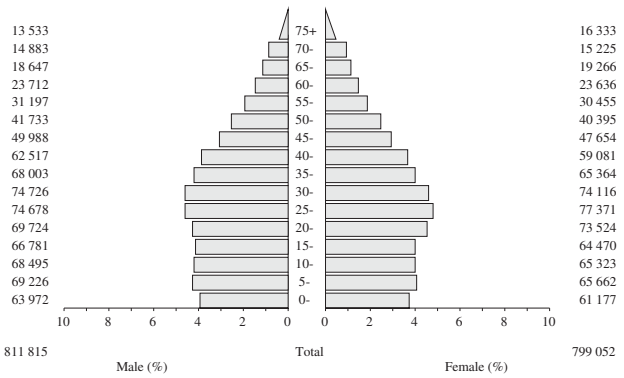
Ümmü Önver

Turkey, Antalya (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data collected by the primary health centres (for 2003–2006) and on data from the Turkish Statistical Institute's address-based population registration system (for 2007).

NOTES ON THE DATA

*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	48.8	Breast	36.0
Prostate	34.9	Non-melanoma skin cancer	20.3
Non-melanoma skin cancer	23.5	Corpus uteri	7.8
Bladder	19.7	Thyroid	7.8
Stomach	11.7	Ovary	7.5
Colon	9.2	Colon	7.5
Non-Hodgkin lymphoma	7.6	Trachea, bronchus and lung	6.6
Rectum	6.9	Stomach	6.0
Larynx	6.8	Cervix uteri	5.5
Other and unspecified	6.6	Non-Hodgkin lymphoma	5.2
All sites	237.8	All sites	161.5

*Turkey, Antalya (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	80	1.0	2.0	**2.1**	0.12	0.24	22	0.4	0.6	**0.6**	0.03	0.07	*C00*
Tongue	30	0.4	0.7	**0.8**	0.06	0.09	20	0.4	0.5	**0.5**	0.04	0.06	*C01-02*
Mouth	25	0.3	0.6	**0.7**	0.04	0.08	27	0.5	0.7	**0.7**	0.05	0.08	*C03-06*
Salivary glands	19	0.2	0.5	**0.5**	0.03	0.04	22	0.4	0.6	**0.5**	0.04	0.05	*C07-08*
Tonsil	11	0.1	0.3	**0.3**	0.02	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	64	0.8	1.6	**1.6**	0.12	0.17	23	0.4	0.6	**0.5**	0.05	0.06	*C11*
Hypopharynx	15	0.2	0.4	**0.4**	0.02	0.05	6	0.1	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	55	0.7	1.4	**1.5**	0.09	0.15	39	0.7	1.0	**1.0**	0.07	0.11	*C15*
Stomach	424	5.4	10.4	**11.7**	0.64	1.40	238	4.3	6.0	**6.0**	0.29	0.64	*C16*
Small intestine	21	0.3	0.5	**0.5**	0.04	0.06	22	0.4	0.6	**0.5**	0.04	0.05	*C17*
Colon	335	4.3	8.3	**9.2**	0.55	1.08	282	5.1	7.1	**7.5**	0.38	0.83	*C18*
Rectum	251	3.2	6.2	**6.9**	0.43	0.81	173	3.1	4.3	**4.5**	0.30	0.54	*C19-20*
Anus	8	0.1	0.2	**0.2**	0.02	0.03	15	0.3	0.4	**0.4**	0.01	0.05	*C21*
Liver	136	1.7	3.4	**3.9**	0.21	0.45	72	1.3	1.8	**2.0**	0.09	0.23	*C22*
Gallbladder etc.	62	0.8	1.5	**1.8**	0.06	0.26	68	1.2	1.7	**1.8**	0.06	0.20	*C23-24*
Pancreas	218	2.8	5.4	**6.2**	0.30	0.76	131	2.4	3.3	**3.5**	0.13	0.45	*C25*
Nose, sinuses etc.	14	0.2	0.3	**0.4**	0.02	0.05	5	0.1	0.1	**0.1**	0.01	0.02	*C30-31*
Larynx	254	3.3	6.3	**6.8**	0.50	0.84	23	0.4	0.6	**0.6**	0.05	0.07	*C32*
Trachea, bronchus and lung	1757	22.6	43.3	**48.8**	3.16	6.12	246	4.5	6.2	**6.6**	0.39	0.75	*C33-34*
Other thoracic organs	19	0.2	0.5	**0.5**	0.04	0.04	14	0.3	0.4	**0.4**	0.03	0.03	*C37-38*
Bone	41	0.5	1.0	**1.0**	0.06	0.09	41	0.7	1.0	**1.1**	0.06	0.09	*C40-41*
Melanoma of skin	75	1.0	1.8	**1.9**	0.13	0.23	54	1.0	1.4	**1.4**	0.08	0.15	*C43*
Other skin	844		20.8	**23.5**	1.29	2.70	774		19.4	**20.3**	1.02	2.17	*C44*
Mesothelioma	59	0.8	1.5	**1.6**	0.12	0.23	28	0.5	0.7	**0.8**	0.04	0.09	*C45*
Kaposi sarcoma	26	0.3	0.6	**0.7**	0.03	0.09	20	0.4	0.5	**0.6**	0.02	0.07	*C46*
Connective and soft tissue	78	1.0	1.9	**2.0**	0.12	0.21	63	1.1	1.6	**1.5**	0.12	0.14	*C47+C49*
Breast	20	0.3	0.5	**0.5**	0.04	0.06	1463	26.5	36.6	**36.0**	2.90	3.84	*C50*
Vulva							15	0.3	0.4	**0.4**	0.01	0.04	*C51*
Vagina							6	0.1	0.2	**0.2**	0.01	0.01	*C52*
Cervix uteri							225	4.1	5.6	**5.5**	0.44	0.59	*C53*
Corpus uteri							298	5.4	7.5	**7.8**	0.60	0.92	*C54*
Uterus unspecified							29	0.5	0.7	**0.7**	0.05	0.06	*C55*
Ovary							296	5.4	7.4	**7.5**	0.53	0.80	*C56*
Other female genital organs							18	0.3	0.5	**0.5**	0.04	0.05	*C57*
Placenta							3	0.1	0.1	**0.1**	0.00	0.00	*C58*
Penis	1	0.0	0.0	**0.0**	0.00	0.01							*C60*
Prostate	1193	15.3	29.4	**34.9**	1.30	4.38							*C61*
Testis	137	1.8	3.4	**2.9**	0.20	0.23							*C62*
Other male genital organs	2	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	163	2.1	4.0	**4.5**	0.31	0.55	88	1.6	2.2	**2.4**	0.15	0.27	*C64*
Renal pelvis	13	0.2	0.3	**0.3**	0.02	0.04	4	0.1	0.1	**0.1**	0.00	0.02	*C65*
Ureter	4	0.1	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	703	9.0	17.3	**19.7**	1.01	2.29	122	2.2	3.1	**3.2**	0.17	0.35	*C67*
Other urinary organs	7	0.1	0.2	**0.2**	0.00	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	12	0.2	0.3	**0.4**	0.02	0.03	6	0.1	0.2	**0.2**	0.01	0.01	*C69*
Brain, nervous system	220	2.8	5.4	**5.6**	0.40	0.59	162	2.9	4.1	**4.3**	0.27	0.48	*C70-72*
Thyroid	83	1.1	2.0	**2.1**	0.16	0.24	329	6.0	8.2	**7.8**	0.63	0.77	*C73*
Adrenal gland	15	0.2	0.4	**0.5**	0.03	0.03	16	0.3	0.4	**0.5**	0.03	0.03	*C74*
Other endocrine	6	0.1	0.1	**0.2**	0.01	0.01	4	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	70	0.9	1.7	**1.7**	0.11	0.16	54	1.0	1.4	**1.3**	0.08	0.10	*C81*
Non-Hodgkin lymphoma	284	3.6	7.0	**7.6**	0.40	0.88	198	3.6	5.0	**5.2**	0.33	0.58	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.01	*C88*
Multiple myeloma	80	1.0	2.0	**2.2**	0.13	0.28	69	1.3	1.7	**1.8**	0.10	0.22	*C90*
Lymphoid leukaemia	138	1.8	3.4	**4.0**	0.21	0.33	66	1.2	1.7	**2.0**	0.10	0.12	*C91*
Myeloid leukaemia	159	2.0	3.9	**4.1**	0.24	0.46	97	1.8	2.4	**2.5**	0.15	0.22	*C92-94*
Leukaemia unspecified	11	0.1	0.3	**0.3**	0.01	0.02	10	0.2	0.3	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	43	0.6	1.1	**1.1**	0.08	0.13	41	0.7	1.0	**1.0**	0.07	0.11	*MPD*
Myelodysplastic syndromes	97	1.2	2.4	**2.7**	0.11	0.36	84	1.5	2.1	**2.2**	0.11	0.27	*MDS*
Other and unspecified	243	3.1	6.0	**6.6**	0.33	0.70	159	2.9	4.0	**4.3**	0.17	0.49	*O&U*
All sites	8627		212.5	**237.8**	13.39	28.16	6293		157.5	**161.5**	10.38	17.45	*C00-96*
All sites except C44	7783	100.0	191.7	**214.3**	12.10	25.46	5519	100.0	138.1	**141.3**	9.35	15.27	*C00-96 exc. C44*
	§Includes 18 cases of unknown age						§Includes 6 cases of unknown age						

*See note following population pyramid

Turkey, Edirne

REGISTRATION AREA
The Edirne Cancer Registry covers Edirne Province in the region of Anatolia in western Turkey. Two thirds of residents live in urban areas, and the majority religion is Islam. Edirne's population is decreasing due to external emigration. Regional income comes from livestock, agriculture, tourism, and small industries.

CANCER CARE FACILITIES
General health care is provided mainly by primary health centres and government hospitals. Patients suspected to have cancer are generally referred by primary and secondary care facilities to Trakya University Hospital and government hospitals in central Edirne. Some residents receive cancer diagnostic and treatment services outside the province.

REGISTRY STRUCTURE AND METHODS
The registry is staffed by five full-time health workers, and an additional eight staff members are based in hospitals. The registry collects data from all hospitals and some clinics that provide cancer diagnostic and treatment services in the province. During 2004–2007, the registry used active case finding from six government hospitals, a university hospital, and four private hospitals. The death registration system is incomplete, particularly in rural areas.

INTERPRETING THE RESULTS
The number of undiagnosed cancer cases is unknown, but the proportion is probably higher among elderly residents in rural areas.

USE OF THE DATA
The registry publishes an annual report on cancer incidence, highlighting trends and changes.

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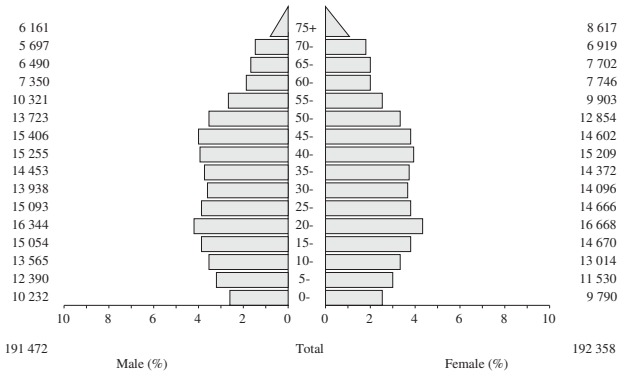
Turkey, Edirne (2004-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on data collected by the primary health centres (for 2003–2006) and on data from the Turkish Statistical Institute's address-based population registration system (for 2007).

NOTES ON THE DATA
*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	85.8	Breast	31.1
Non-melanoma skin cancer	34.1	Non-melanoma skin cancer	23.2
Bladder	18.7	Corpus uteri	7.8
Prostate	17.1	Thyroid	7.7
Stomach	16.6	Ovary	6.9
Larynx	11.2	Colon	6.7
Other and unspecified	10.3	Stomach	6.5
Colon	9.2	Trachea, bronchus and lung	5.5
Rectum	6.8	Other and unspecified	5.3
Brain, nervous system	6.8	Rectum	4.9
All sites	267.9	All sites	146.3

*Turkey, Edirne (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	15	0.7	2.0	**1.4**	0.13	0.13	3	0.2	0.4	**0.2**	0.00	0.00	*C00*
Tongue	11	0.5	1.4	**1.0**	0.07	0.09	3	0.2	0.4	**0.3**	0.01	0.04	*C01-02*
Mouth	7	0.3	0.9	**0.7**	0.05	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C03-06*
Salivary glands	3	0.1	0.4	**0.4**	0.02	0.02	6	0.5	0.8	**0.5**	0.01	0.06	*C07-08*
Tonsil	3	0.1	0.4	**0.3**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	2	0.1	0.3	**0.2**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	15	0.7	2.0	**1.5**	0.11	0.15	6	0.5	0.8	**0.6**	0.06	0.06	*C11*
Hypopharynx	3	0.1	0.4	**0.3**	0.03	0.03	2	0.2	0.3	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	14	0.6	1.8	**1.4**	0.05	0.13	4	0.3	0.5	**0.3**	0.00	0.03	*C15*
Stomach	169	7.4	22.1	**16.6**	0.82	2.14	75	5.9	9.7	**6.5**	0.33	0.78	*C16*
Small intestine	6	0.3	0.8	**0.6**	0.05	0.05	4	0.3	0.5	**0.4**	0.05	0.05	*C17*
Colon	92	4.0	12.0	**9.2**	0.49	1.10	77	6.1	10.0	**6.7**	0.36	0.87	*C18*
Rectum	69	3.0	9.0	**6.8**	0.32	0.86	56	4.4	7.3	**4.9**	0.26	0.53	*C19-20*
Anus	3	0.1	0.4	**0.4**	0.02	0.04	1	0.1	0.1	**0.1**	0.00	0.02	*C21*
Liver	43	1.9	5.6	**4.3**	0.20	0.56	26	2.1	3.4	**2.2**	0.09	0.27	*C22*
Gallbladder etc.	12	0.5	1.6	**1.2**	0.08	0.17	18	1.4	2.3	**1.5**	0.09	0.19	*C23-24*
Pancreas	55	2.4	7.2	**5.6**	0.42	0.62	34	2.7	4.4	**2.9**	0.16	0.43	*C25*
Nose, sinuses etc.	2	0.1	0.3	**0.2**	0.02	0.02	1	0.1	0.1	**0.1**	0.00	0.02	*C30-31*
Larynx	110	4.8	14.4	**11.2**	0.87	1.31	7	0.6	0.9	**0.7**	0.05	0.11	*C32*
Trachea, bronchus and lung	846	36.9	110.5	**85.8**	5.81	10.97	61	4.8	7.9	**5.5**	0.35	0.73	*C33-34*
Other thoracic organs	6	0.3	0.8	**0.7**	0.06	0.06	4	0.3	0.5	**0.4**	0.01	0.06	*C37-38*
Bone	3	0.1	0.4	**0.5**	0.03	0.03	13	1.0	1.7	**1.7**	0.11	0.13	*C40-41*
Melanoma of skin	18	0.8	2.4	**1.9**	0.15	0.21	12	0.9	1.6	**1.1**	0.07	0.10	*C43*
Other skin	345		45.0	**34.1**	1.74	4.10	274		35.6	**23.2**	1.10	2.70	*C44*
Mesothelioma	7	0.3	0.9	**0.7**	0.07	0.07	4	0.3	0.5	**0.3**	0.00	0.05	*C45*
Kaposi sarcoma	4	0.2	0.5	**0.4**	0.00	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	8	0.3	1.0	**0.8**	0.04	0.10	14	1.1	1.8	**1.6**	0.12	0.13	*C47+C49*
Breast	8	0.3	1.0	**0.8**	0.06	0.06	306	24.2	39.8	**31.1**	2.70	3.32	*C50*
Vulva							4	0.3	0.5	**0.2**	0.00	0.02	*C51*
Vagina							1	0.1	0.1	**0.1**	0.01	0.01	*C52*
Cervix uteri							24	1.9	3.1	**2.5**	0.23	0.27	*C53*
Corpus uteri							79	6.2	10.3	**7.8**	0.63	0.98	*C54*
Uterus unspecified							10	0.8	1.3	**1.0**	0.10	0.11	*C55*
Ovary							70	5.5	9.1	**6.9**	0.49	0.80	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	175	7.6	22.8	**17.1**	0.57	2.04							*C61*
Testis	26	1.1	3.4	**3.1**	0.23	0.23							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	35	1.5	4.6	**3.5**	0.22	0.37	18	1.4	2.3	**2.1**	0.15	0.21	*C64*
Renal pelvis	3	0.1	0.4	**0.3**	0.02	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	184	8.0	24.0	**18.7**	1.10	2.29	20	1.6	2.6	**1.8**	0.06	0.23	*C67*
Other urinary organs	4	0.2	0.5	**0.4**	0.02	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.1	0.3	**0.2**	0.00	0.04	4	0.3	0.5	**0.4**	0.03	0.03	*C69*
Brain, nervous system	56	2.4	7.3	**6.8**	0.47	0.61	43	3.4	5.6	**4.8**	0.29	0.45	*C70-72*
Thyroid	19	0.8	2.5	**2.0**	0.17	0.19	75	5.9	9.7	**7.7**	0.62	0.70	*C73*
Adrenal gland	2	0.1	0.3	**0.2**	0.01	0.03	1	0.1	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	14	0.6	1.8	**1.6**	0.12	0.14	5	0.4	0.6	**0.6**	0.04	0.04	*C81*
Non-Hodgkin lymphoma	50	2.2	6.5	**5.2**	0.39	0.55	40	3.2	5.2	**3.8**	0.28	0.41	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	23	1.0	3.0	**2.3**	0.13	0.32	14	1.1	1.8	**1.1**	0.05	0.12	*C90*
Lymphoid leukaemia	25	1.1	3.3	**3.2**	0.19	0.30	15	1.2	1.9	**2.4**	0.13	0.18	*C91*
Myeloid leukaemia	26	1.1	3.4	**2.9**	0.18	0.24	30	2.4	3.9	**3.3**	0.21	0.31	*C92-94*
Leukaemia unspecified	2	0.1	0.3	**0.2**	0.03	0.03	3	0.2	0.4	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	6	0.3	0.8	**0.6**	0.06	0.06	8	0.6	1.0	**0.7**	0.05	0.11	*MPD*
Myelodysplastic syndromes	4	0.2	0.5	**0.3**	0.00	0.00	4	0.3	0.5	**0.3**	0.01	0.03	*MDS*
Other and unspecified	102	4.5	13.3	**10.3**	0.62	1.26	59	4.7	7.7	**5.3**	0.32	0.65	*O&U*
All sites	2637		344.3	**267.9**	16.25	31.93	1538		199.9	**146.3**	9.68	16.39	*C00-96*
All sites except C44	2292	100.0	299.3	**233.8**	14.50	27.83	1264	100.0	164.3	**123.2**	8.57	13.69	*C00-96 exc. C44*

*See note following population pyramid

Turkey, İzmir

REGISTRATION AREA

The Izmir Cancer Registry (ICR) covers İzmir Province in the extreme west of Turkey, on the Aegean Sea coast. The province is divided into 30 districts. The provincial capital (the city of İzmir) is the third most populous city in Turkey, with a population of 3.7 million in 2007.

REGISTRY STRUCTURE AND METHODS

The ICR was the first population-based cancer registry in Turkey. It was founded in 1992 as a special project and is now a department of the Izmir Provincial Health Directorate. An advisory committee oversees the registry's activities and makes strategic decisions. All incident cancer cases (diagnosed by any method) are registered, including both invasive and in situ lesions at any anatomical site (including non-melanoma skin cancers) and benign tumours of the brain. For each case, the ICR collects a set of mandatory information items, which has been defined based on SEER registry rules. The registry uses IARC/IACR and European Network of Cancer Registries (ENCR) rules for multiple primary tumours. The ICR collects data from all health care facilities in the province, including university, provincial, municipal, and private hospitals; 23 private cancer centres; 25 private pathology laboratories; and several physicians' offices. Nine hospitals have hospital-based registries, from which the ICR receives data directly. These registries are supervised by the ICR and apply the same rules for collecting, abstracting, and coding data. For all other sources, data collection is active, carried out by three full-time medically qualified registry staff members who visit and collect cancer data from 15 hospitals and 12 clinics and laboratories. Routine quality control procedures, including internal checks and preparation and examination of cross-tables, are carried out regularly. Case finding and re-abstracting audits, IARC DEPedits software, and cross-tabulations are also used periodically to identify erroneous data.

CONTRIBUTORS

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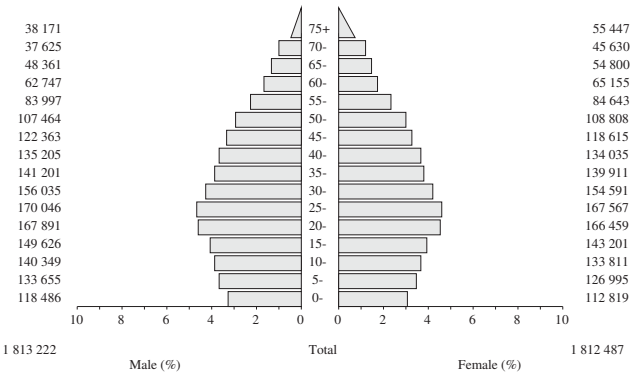
Turkey, İzmir (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data collected by the primary health centres (for 2003–2006) and on data from the Turkish Statistical Institute's address-based population registration system (for 2007).

NOTES ON THE DATA

*No official mortality data. Fluctuation in rates from year to year.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	90.1	Breast	42.8
Prostate	36.3	Non-melanoma skin cancer	21.2
Non-melanoma skin cancer	29.2	Thyroid	14.3
Bladder	26.4	Trachea, bronchus and lung	10.0
Stomach	13.6	Corpus uteri	10.0
Colon	12.5	Colon	7.9
Larynx	11.7	Stomach	6.9
Other and unspecified	11.0	Other and unspecified	6.8
Rectum	8.8	Ovary	6.0
Non-Hodgkin lymphoma	8.0	Non-Hodgkin lymphoma	5.6
All sites	315.1	All sites	184.5

*Turkey, İzmir (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	108	0.4	1.2	**1.2**	0.06	0.15	24	0.1	0.3	**0.2**	0.01	0.03	*C00*
Tongue	88	0.3	1.0	**0.9**	0.06	0.11	70	0.4	0.8	**0.7**	0.04	0.08	*C01-02*
Mouth	103	0.4	1.1	**1.0**	0.07	0.12	61	0.4	0.7	**0.6**	0.04	0.07	*C03-06*
Salivary glands	63	0.2	0.7	**0.7**	0.04	0.08	47	0.3	0.5	**0.4**	0.03	0.05	*C07-08*
Tonsil	45	0.2	0.5	**0.5**	0.03	0.06	3	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	20	0.1	0.2	**0.2**	0.02	0.03	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	144	0.5	1.6	**1.5**	0.11	0.16	71	0.4	0.8	**0.7**	0.05	0.07	*C11*
Hypopharynx	56	0.2	0.6	**0.6**	0.04	0.06	18	0.1	0.2	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	6	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	244	0.9	2.7	**2.6**	0.14	0.33	165	1.0	1.8	**1.5**	0.08	0.15	*C15*
Stomach	1282	4.8	14.1	**13.6**	0.70	1.72	746	4.4	8.2	**6.9**	0.37	0.76	*C16*
Small intestine	61	0.2	0.7	**0.6**	0.05	0.07	30	0.2	0.3	**0.3**	0.01	0.03	*C17*
Colon	1161	4.4	12.8	**12.5**	0.63	1.54	846	5.0	9.3	**7.9**	0.44	0.91	*C18*
Rectum	829	3.1	9.1	**8.8**	0.49	1.08	517	3.0	5.7	**4.8**	0.27	0.58	*C19-20*
Anus	33	0.1	0.4	**0.3**	0.02	0.03	22	0.1	0.2	**0.2**	0.01	0.03	*C21*
Liver	474	1.8	5.2	**5.2**	0.33	0.65	208	1.2	2.3	**1.9**	0.09	0.22	*C22*
Gallbladder etc.	231	0.9	2.5	**2.5**	0.12	0.31	228	1.3	2.5	**2.1**	0.11	0.25	*C23-24*
Pancreas	492	1.9	5.4	**5.3**	0.29	0.67	344	2.0	3.8	**3.2**	0.17	0.36	*C25*
Nose, sinuses etc.	45	0.2	0.5	**0.5**	0.04	0.06	33	0.2	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	1092	4.1	12.0	**11.7**	0.80	1.46	77	0.5	0.8	**0.7**	0.04	0.09	*C32*
Trachea, bronchus and lung	8331	31.5	91.9	**90.1**	5.26	11.59	1057	6.2	11.7	**10.0**	0.59	1.19	*C33-34*
Other thoracic organs	66	0.2	0.7	**0.7**	0.04	0.09	33	0.2	0.4	**0.3**	0.03	0.03	*C37-38*
Bone	128	0.5	1.4	**1.4**	0.09	0.12	100	0.6	1.1	**1.1**	0.07	0.09	*C40-41*
Melanoma of skin	206	0.8	2.3	**2.1**	0.13	0.26	171	1.0	1.9	**1.6**	0.11	0.17	*C43*
Other skin	2727		30.1	**29.2**	1.40	3.35	2338		25.8	**21.2**	1.03	2.35	*C44*
Mesothelioma	77	0.3	0.8	**0.8**	0.05	0.11	41	0.2	0.5	**0.4**	0.03	0.05	*C45*
Kaposi sarcoma	54	0.2	0.6	**0.6**	0.03	0.05	20	0.1	0.2	**0.2**	0.00	0.02	*C46*
Connective and soft tissue	186	0.7	2.1	**2.1**	0.12	0.21	179	1.0	2.0	**1.8**	0.12	0.18	*C47+C49*
Breast	75	0.3	0.8	**0.8**	0.04	0.09	4511	26.4	49.8	**42.8**	3.25	4.63	*C50*
Vulva							66	0.4	0.7	**0.6**	0.03	0.06	*C51*
Vagina							16	0.1	0.2	**0.1**	0.01	0.02	*C52*
Cervix uteri							565	3.3	6.2	**5.4**	0.41	0.59	*C53*
Corpus uteri							1017	6.0	11.2	**10.0**	0.78	1.21	*C54*
Uterus unspecified							32	0.2	0.4	**0.3**	0.02	0.03	*C55*
Ovary							630	3.7	7.0	**6.0**	0.43	0.67	*C56*
Other female genital organs							28	0.2	0.3	**0.3**	0.02	0.03	*C57*
Placenta							3	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	8	0.0	0.1	**0.1**	0.00	0.01							*C60*
Prostate	3256	12.3	35.9	**36.3**	1.35	4.59							*C61*
Testis	359	1.4	4.0	**3.4**	0.24	0.25							*C62*
Other male genital organs	8	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	523	2.0	5.8	**5.7**	0.38	0.68	322	1.9	3.6	**3.3**	0.21	0.36	*C64*
Renal pelvis	39	0.1	0.4	**0.4**	0.02	0.06	19	0.1	0.2	**0.2**	0.01	0.02	*C65*
Ureter	20	0.1	0.2	**0.2**	0.01	0.03	2	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	2438	9.2	26.9	**26.4**	1.36	3.26	353	2.1	3.9	**3.3**	0.18	0.36	*C67*
Other urinary organs	17	0.1	0.2	**0.2**	0.01	0.02	3	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	33	0.1	0.4	**0.4**	0.02	0.04	25	0.1	0.3	**0.2**	0.01	0.02	*C69*
Brain, nervous system	552	2.1	6.1	**5.9**	0.40	0.59	457	2.7	5.0	**4.7**	0.31	0.48	*C70-72*
Thyroid	343	1.3	3.8	**3.4**	0.25	0.35	1517	8.9	16.7	**14.3**	1.18	1.38	*C73*
Adrenal gland	27	0.1	0.3	**0.4**	0.02	0.04	21	0.1	0.2	**0.3**	0.02	0.02	*C74*
Other endocrine	9	0.0	0.1	**0.1**	0.01	0.01	10	0.1	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	220	0.8	2.4	**2.3**	0.16	0.21	143	0.8	1.6	**1.5**	0.10	0.13	*C81*
Non-Hodgkin lymphoma	756	2.9	8.3	**8.0**	0.50	0.88	584	3.4	6.4	**5.6**	0.33	0.63	*C82-85,C96*
Immunoproliferative diseases	3	0.0	0.0	**0.0**	0.00	0.00	4	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	235	0.9	2.6	**2.5**	0.15	0.31	217	1.3	2.4	**2.1**	0.13	0.26	*C90*
Lymphoid leukaemia	336	1.3	3.7	**4.2**	0.22	0.36	232	1.4	2.6	**2.8**	0.15	0.24	*C91*
Myeloid leukaemia	318	1.2	3.5	**3.4**	0.18	0.37	264	1.5	2.9	**2.6**	0.18	0.28	*C92-94*
Leukaemia unspecified	55	0.2	0.6	**0.6**	0.03	0.07	42	0.2	0.5	**0.4**	0.02	0.04	*C95*
Myeloproliferative disorders	89	0.3	1.0	**1.0**	0.05	0.11	71	0.4	0.8	**0.7**	0.04	0.09	*MPD*
Myelodysplastic syndromes	92	0.3	1.0	**1.0**	0.04	0.12	79	0.5	0.9	**0.7**	0.02	0.07	*MDS*
Other and unspecified	1025	3.9	11.3	**11.0**	0.56	1.29	740	4.3	8.2	**6.8**	0.31	0.80	*O&U*
All sites	29188		321.9	**315.1**	17.16	38.26	19425		214.3	**184.5**	11.98	20.25	*C00-96*
All sites except C44	26461	100.0	291.9	**286.0**	15.76	34.91	17087	100.0	188.5	**163.2**	10.95	17.90	*C00-96 exc. C44*
	§Includes 160 cases of unknown age						§Includes 124 cases of unknown age						

*See note following population pyramid

Turkey, Trabzon

REGISTRATION AREA
The Trabzon Cancer Registry covers Trabzon Province in north-eastern Turkey. The province has an area of 4685 km^2 and in 2005 had a population of 721 000 (58.9% living in urban areas). The provincial capital (the city of Trabzon) is a port city on the Black Sea coast.

CANCER CARE FACILITIES
Cancer cases are diagnosed in six provincial centres, eight district hospitals, two private hospitals, and three private pathology centres.

REGISTRY STRUCTURE AND METHODS
The registry has recorded incident cancer cases in Trabzon Province and neighbouring provinces since 1995. It is staffed by four full-time health workers, and an additional 14 staff members are based in hospitals. Two staff members visit the university hospital. The registry uses active registration; it collects data from all hospitals and some clinics that provide cancer diagnostic and treatment services in the province. The registry uses ICD-O-3 for topography and histology coding and CanReg software for database management and data processing.

INTERPRETING THE RESULTS
The number of undiagnosed cancer cases is unknown, but the proportion is probably higher among elderly residents in rural areas.

USE OF THE DATA
The registry publishes an annual report on cancer incidence, highlighting trends and changes.

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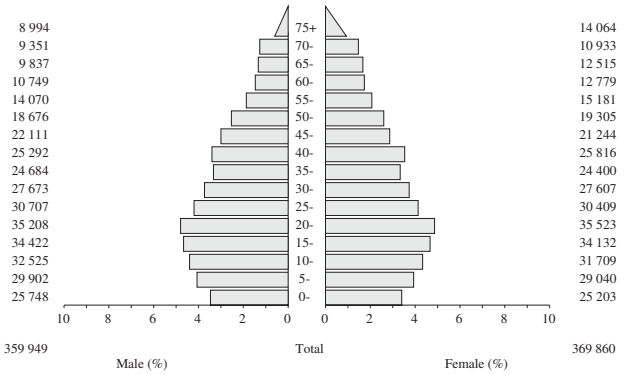
Turkey, Trabzon (2005-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on data collected by the primary health centres (for 2003–2006) and on data from the Turkish Statistical Institute's address-based population registration system (for 2007).

NOTES ON THE DATA
*No official mortality data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	58.0	Breast	33.3
Non-melanoma skin cancer	30.9	Non-melanoma skin cancer	20.8
Prostate	27.3	Thyroid	17.2
Bladder	24.9	Stomach	14.0
Stomach	23.4	Colon	6.7
Colon	11.5	Ovary	5.6
Larynx	10.2	Corpus uteri	5.5
Non-Hodgkin lymphoma	8.2	Trachea, bronchus and lung	5.2
Rectum	7.6	Non-Hodgkin lymphoma	4.6
Pancreas	6.2	Brain, nervous system	4.2
All sites	263.9	All sites	156.9

*Turkey, Trabzon (2005-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	6	0.2	0.6	**0.5**	0.02	0.06	7	0.4	0.6	**0.4**	0.02	0.06	*C01-02*
Mouth	4	0.2	0.4	**0.4**	0.04	0.04	9	0.5	0.8	**0.6**	0.04	0.05	*C03-06*
Salivary glands	5	0.2	0.5	**0.4**	0.02	0.05	2	0.1	0.2	**0.2**	0.02	0.02	*C07-08*
Tonsil	3	0.1	0.3	**0.3**	0.03	0.03	1	0.1	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	1	0.0	0.1	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	19	0.7	1.8	**1.6**	0.12	0.17	7	0.4	0.6	**0.6**	0.05	0.06	*C11*
Hypopharynx	1	0.0	0.1	**0.1**	0.00	0.00	1	0.1	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	22	0.9	2.0	**2.1**	0.16	0.28	13	0.7	1.2	**0.9**	0.06	0.08	*C15*
Stomach	259	10.0	24.0	**23.4**	1.34	2.86	194	11.1	17.5	**14.0**	0.79	1.56	*C16*
Small intestine	7	0.3	0.6	**0.7**	0.05	0.08	4	0.2	0.4	**0.3**	0.02	0.04	*C17*
Colon	128	5.0	11.9	**11.5**	0.72	1.32	91	5.2	8.2	**6.7**	0.40	0.68	*C18*
Rectum	83	3.2	7.7	**7.6**	0.47	0.97	60	3.4	5.4	**4.1**	0.20	0.45	*C19-20*
Anus	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C21*
Liver	41	1.6	3.8	**3.8**	0.21	0.50	14	0.8	1.3	**0.9**	0.06	0.07	*C22*
Gallbladder etc.	5	0.2	0.5	**0.4**	0.02	0.03	10	0.6	0.9	**0.7**	0.03	0.07	*C23-24*
Pancreas	69	2.7	6.4	**6.2**	0.29	0.89	39	2.2	3.5	**2.7**	0.13	0.30	*C25*
Nose, sinuses etc.	5	0.2	0.5	**0.5**	0.04	0.06	3	0.2	0.3	**0.2**	0.02	0.02	*C30-31*
Larynx	112	4.3	10.4	**10.2**	0.66	1.30	2	0.1	0.2	**0.2**	0.01	0.01	*C32*
Trachea, bronchus and lung	628	24.3	58.2	**58.0**	3.73	7.51	69	3.9	6.2	**5.2**	0.31	0.57	*C33-34*
Other thoracic organs	2	0.1	0.2	**0.2**	0.01	0.03	1	0.1	0.1	**0.1**	0.00	0.02	*C37-38*
Bone	9	0.3	0.8	**0.8**	0.05	0.05	14	0.8	1.3	**1.2**	0.09	0.09	*C40-41*
Melanoma of skin	19	0.7	1.8	**1.7**	0.13	0.23	25	1.4	2.3	**1.9**	0.09	0.21	*C43*
Other skin	360		33.3	**30.9**	1.46	3.73	300		27.0	**20.8**	1.04	2.23	*C44*
Mesothelioma	9	0.3	0.8	**0.7**	0.01	0.08	6	0.3	0.5	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	10	0.4	0.9	**0.8**	0.01	0.11	5	0.3	0.5	**0.3**	0.01	0.04	*C46*
Connective and soft tissue	25	1.0	2.3	**2.4**	0.20	0.24	21	1.2	1.9	**1.9**	0.12	0.17	*C47+C49*
Breast	2	0.1	0.2	**0.2**	0.02	0.03	410	23.4	37.0	**33.3**	2.63	3.53	*C50*
Vulva							4	0.2	0.4	**0.2**	0.00	0.01	*C51*
Vagina							2	0.1	0.2	**0.1**	0.01	0.01	*C52*
Cervix uteri							46	2.6	4.1	**3.6**	0.25	0.38	*C53*
Corpus uteri							68	3.9	6.1	**5.5**	0.50	0.61	*C54*
Uterus unspecified							11	0.6	1.0	**1.0**	0.09	0.09	*C55*
Ovary							69	3.9	6.2	**5.6**	0.42	0.61	*C56*
Other female genital organs							4	0.2	0.4	**0.4**	0.04	0.04	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	311	12.0	28.8	**27.3**	1.04	3.41							*C61*
Testis	39	1.5	3.6	**3.2**	0.24	0.25							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	41	1.6	3.8	**3.9**	0.30	0.44	20	1.1	1.8	**1.5**	0.09	0.15	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	282	10.9	26.1	**24.9**	1.19	3.44	30	1.7	2.7	**1.8**	0.03	0.20	*C67*
Other urinary organs	2	0.1	0.2	**0.2**	0.01	0.01	1	0.1	0.1	**0.1**	0.00	0.01	*C68*
Eye	3	0.1	0.3	**0.3**	0.03	0.03	1	0.1	0.1	**0.0**	0.00	0.00	*C69*
Brain, nervous system	41	1.6	3.8	**3.8**	0.28	0.38	49	2.8	4.4	**4.2**	0.31	0.41	*C70-72*
Thyroid	33	1.3	3.1	**2.8**	0.21	0.31	206	11.8	18.6	**17.2**	1.46	1.62	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.2	**0.3**	0.01	0.01	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	32	1.2	3.0	**2.7**	0.20	0.22	23	1.3	2.1	**1.8**	0.09	0.15	*C81*
Non-Hodgkin lymphoma	92	3.6	8.5	**8.2**	0.48	0.95	60	3.4	5.4	**4.6**	0.32	0.48	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.1**	0.00	0.02	1	0.1	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	36	1.4	3.3	**3.3**	0.21	0.42	24	1.4	2.2	**1.7**	0.10	0.17	*C90*
Lymphoid leukaemia	47	1.8	4.4	**4.8**	0.29	0.45	20	1.1	1.8	**1.8**	0.12	0.18	*C91*
Myeloid leukaemia	44	1.7	4.1	**3.8**	0.23	0.40	29	1.7	2.6	**2.2**	0.16	0.19	*C92-94*
Leukaemia unspecified	5	0.2	0.5	**0.4**	0.02	0.02	4	0.2	0.4	**0.2**	0.00	0.00	*C95*
Myeloproliferative disorders	31	1.2	2.9	**2.7**	0.23	0.27	17	1.0	1.5	**1.2**	0.08	0.13	*MPD*
Myelodysplastic syndromes	11	0.4	1.0	**1.0**	0.03	0.17	14	0.8	1.3	**1.0**	0.06	0.09	*MDS*
Other and unspecified	57	2.2	5.3	**5.1**	0.29	0.60	40	2.3	3.6	**2.9**	0.15	0.29	*O&U*
All sites	2942		272.4	**263.9**	15.08	32.51	2053		185.0	**156.9**	10.46	16.23	*C00-96*
All sites except C44	2582	100.0	239.1	**233.0**	13.61	28.79	1753	100.0	158.0	**136.1**	9.42	14.00	*C00-96 exc. C44*

*See note following population pyramid

Austria

REGISTRATION AREA

The Austrian National Cancer Registry covers the entire population of Austria. About 90% of the country's residents are Austrian citizens. Residents of other nationalities are mostly Germans, Czechs, Serbs, and Turks. Approximately 74% of the population is Roman Catholic. Austria is made up of nine federal states; 20.3% of the country's population lives in the state of Vienna, 19.2% in Lower Austria, 16.8% in Upper Austria, 14.4% in Styria, 8.4% in Tyrol, 6.7% in Carinthia, 6.3% in Salzburg, 4.4% in Vorarlberg, and 3.4% in Burgenland.

CANCER CARE FACILITIES

Approximately 99% of Austrian residents are covered by health insurance. Inpatient treatment is provided by 273 hospitals, and three quarters of all Austrian hospital beds are maintained by the country's 129 public hospitals. About 70 hospitals have oncology departments, many of which provide radiotherapy.

REGISTRY STRUCTURE AND METHODS

In accordance with the 2000 Federal Statistics Act, the Austrian government appointed Statistics Austria as the national provider of various statistics, including cancer statistics. The collection of all statistics prescribed by this law is financed by the government. The 1969 Cancer Statistics Act and the 1978 Cancer Statistics Ordinance provide the legal basis for the registry and require hospitals to report every cancer. There are 13 people (10.5 full-time equivalents) directly involved in the registry's workflow: a project manager, a project assistant, 10 registrars, and an information technology specialist. All incoming data are stored in an electronic database, and data checks at the national level are performed using the IARC-CHECK program. The registry uses the IARC/IACR rules for multiple primary tumours. Data from pathology laboratories and various study groups are used for quality control and completeness assessments.

INTERPRETING THE RESULTS

Opportunistic screening for cervical, breast, and prostate cancers is carried out throughout Austria. Some regions also provide organized screening for prostate and colon cancers. However, the registry only includes cancer cases reported by hospitals.

USE OF THE DATA

The registry publishes annual reports on incidence, prevalence, survival, and mortality; data are available for all years since 1983. The registry provides data and ad hoc analyses to external institutions for research purposes.

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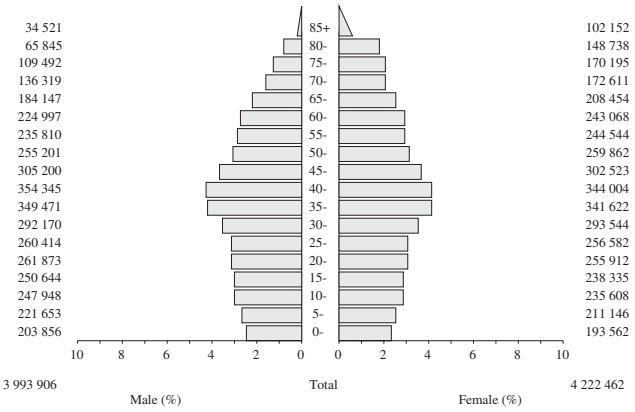
Austria (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Estimated by Statistics Austria, based on the 2001 census and data provided by the Austrian Central Population Register, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	83.1	Breast	66.9
Trachea, bronchus and lung	40.5	Trachea, bronchus and lung	16.5
Colon	23.3	Colon	14.3
Bladder	20.3	Corpus uteri	12.1
Rectum	15.3	Ovary	9.6
Kidney	11.7	Thyroid	9.2
Stomach	11.1	Melanoma of skin	8.9
Melanoma of skin	10.3	Rectum	7.6
Non-Hodgkin lymphoma	9.7	Non-Hodgkin lymphoma	7.1
Pancreas	9.6	Cervix uteri	7.1
All sites	317.7	All sites	223.4

Austria (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	115	0.1	0.6	**0.3**	0.01	0.04	49	0.1	0.2	**0.1**	0.00	0.01	*C00*
Tongue	705	0.7	3.5	**2.4**	0.20	0.29	291	0.3	1.4	**0.9**	0.07	0.10	*C01-02*
Mouth	780	0.7	3.9	**2.7**	0.22	0.31	297	0.3	1.4	**0.8**	0.06	0.09	*C03-06*
Salivary glands	219	0.2	1.1	**0.6**	0.04	0.06	164	0.2	0.8	**0.4**	0.02	0.04	*C07-08*
Tonsil	513	0.5	2.6	**1.7**	0.14	0.21	153	0.2	0.7	**0.4**	0.03	0.05	*C09*
Other oropharynx	414	0.4	2.1	**1.4**	0.13	0.17	100	0.1	0.5	**0.3**	0.03	0.04	*C10*
Nasopharynx	131	0.1	0.7	**0.5**	0.04	0.05	59	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	644	0.6	3.2	**2.2**	0.19	0.27	87	0.1	0.4	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	138	0.1	0.7	**0.5**	0.04	0.05	32	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	1541	1.5	7.7	**4.8**	0.34	0.59	371	0.4	1.8	**0.8**	0.06	0.10	*C15*
Stomach	4049	3.9	20.3	**11.1**	0.47	1.20	3322	3.7	15.7	**6.2**	0.28	0.66	*C16*
Small intestine	337	0.3	1.7	**1.0**	0.06	0.12	293	0.3	1.4	**0.7**	0.04	0.09	*C17*
Colon	8391	8.0	42.0	**23.3**	1.00	2.72	7473	8.3	35.4	**14.3**	0.68	1.59	*C18*
Rectum	5125	4.9	25.7	**15.3**	0.82	1.93	3553	3.9	16.8	**7.6**	0.42	0.88	*C19-20*
Anus	196	0.2	1.0	**0.6**	0.04	0.07	378	0.4	1.8	**0.9**	0.06	0.10	*C21*
Liver	3140	3.0	15.7	**9.2**	0.48	1.13	1557	1.7	7.4	**2.9**	0.13	0.33	*C22*
Gallbladder etc.	729	0.7	3.7	**1.9**	0.07	0.22	1229	1.4	5.8	**2.1**	0.09	0.22	*C23-24*
Pancreas	3318	3.2	16.6	**9.6**	0.47	1.14	3680	4.1	17.4	**7.0**	0.32	0.78	*C25*
Nose, sinuses etc.	172	0.2	0.9	**0.6**	0.04	0.06	92	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	1346	1.3	6.7	**4.3**	0.33	0.54	185	0.2	0.9	**0.5**	0.05	0.06	*C32*
Trachea, bronchus and lung	13562	13.0	67.9	**40.5**	2.35	5.06	6744	7.5	31.9	**16.5**	1.13	1.98	*C33-34*
Other thoracic organs	144	0.1	0.7	**0.5**	0.03	0.06	138	0.2	0.7	**0.4**	0.02	0.04	*C37-38*
Bone	244	0.2	1.2	**1.2**	0.07	0.09	203	0.2	1.0	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	3101	3.0	15.5	**10.3**	0.67	1.12	2951	3.3	14.0	**8.9**	0.63	0.89	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	0		0.0	**0.0**	0.00	0.00	*C44*
Mesothelioma	314	0.3	1.6	**0.9**	0.05	0.12	149	0.2	0.7	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	18	0.0	0.1	**0.1**	0.00	0.01	4	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	603	0.6	3.0	**2.2**	0.13	0.20	529	0.6	2.5	**1.5**	0.09	0.15	*C47+C49*
Breast	280	0.3	1.4	**0.8**	0.05	0.10	24576	27.2	116.4	**66.9**	4.87	7.61	*C50*
Vulva							660	0.7	3.1	**1.5**	0.08	0.16	*C51*
Vagina							239	0.3	1.1	**0.5**	0.03	0.05	*C52*
Cervix uteri							2255	2.5	10.7	**7.1**	0.55	0.70	*C53*
Corpus uteri							4838	5.4	22.9	**12.1**	0.78	1.54	*C54*
Uterus unspecified							150	0.2	0.7	**0.2**	0.01	0.03	*C55*
Ovary							3791	4.2	18.0	**9.6**	0.62	1.08	*C56*
Other female genital organs							292	0.3	1.4	**0.7**	0.05	0.09	*C57*
Placenta							7	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	249	0.2	1.2	**0.8**	0.04	0.08							*C60*
Prostate	27867	26.7	139.5	**83.1**	4.26	11.05							*C61*
Testis	1762	1.7	8.8	**7.6**	0.58	0.60							*C62*
Other male genital organs	38	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	3760	3.6	18.8	**11.7**	0.70	1.43	2537	2.8	12.0	**6.1**	0.34	0.73	*C64*
Renal pelvis	195	0.2	1.0	**0.6**	0.03	0.07	157	0.2	0.7	**0.3**	0.01	0.03	*C65*
Ureter	149	0.1	0.7	**0.4**	0.02	0.05	105	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	7271	7.0	36.4	**20.3**	0.89	2.30	2574	2.9	12.2	**5.2**	0.26	0.59	*C67*
Other urinary organs	114	0.1	0.6	**0.3**	0.01	0.04	65	0.1	0.3	**0.1**	0.01	0.01	*C68*
Eye	215	0.2	1.1	**0.7**	0.04	0.08	200	0.2	0.9	**0.6**	0.04	0.06	*C69*
Brain, nervous system	1783	1.7	8.9	**6.6**	0.43	0.66	1570	1.7	7.4	**5.0**	0.32	0.50	*C70-72*
Thyroid	1075	1.0	5.4	**3.9**	0.30	0.41	2690	3.0	12.7	**9.2**	0.74	0.93	*C73*
Adrenal gland	65	0.1	0.3	**0.4**	0.02	0.03	85	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	28	0.0	0.1	**0.1**	0.01	0.01	22	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	500	0.5	2.5	**2.2**	0.15	0.18	390	0.4	1.8	**1.7**	0.11	0.13	*C81*
Non-Hodgkin lymphoma	3038	2.9	15.2	**9.7**	0.55	1.06	2887	3.2	13.7	**7.1**	0.42	0.79	*C82-85,C96*
Immunoproliferative diseases	42	0.0	0.2	**0.1**	0.01	0.02	37	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	989	0.9	5.0	**2.9**	0.14	0.34	1058	1.2	5.0	**2.1**	0.10	0.27	*C90*
Lymphoid leukaemia	1469	1.4	7.4	**5.4**	0.27	0.51	1162	1.3	5.5	**3.3**	0.17	0.29	*C91*
Myeloid leukaemia	1277	1.2	6.4	**4.1**	0.22	0.45	1193	1.3	5.7	**3.1**	0.17	0.32	*C92-94*
Leukaemia unspecified	99	0.1	0.5	**0.3**	0.01	0.03	105	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	286	0.3	1.4	**0.9**	0.05	0.10	335	0.4	1.6	**0.9**	0.06	0.10	*MPD*
Myelodysplastic syndromes	317	0.3	1.6	**0.8**	0.02	0.08	296	0.3	1.4	**0.6**	0.02	0.06	*MDS*
Other and unspecified	1431	1.4	7.2	**4.1**	0.19	0.41	1864	2.1	8.8	**3.3**	0.15	0.32	*O&U*
All sites	104288		522.2	**317.7**	17.43	37.94	90223		427.3	**223.4**	14.32	24.86	*C00-96*
All sites except C44	104288	100.0	522.2	**317.7**	17.43	37.94	90223	100.0	427.3	**223.4**	14.32	24.86	*C00-96 exc. C44*

Austria, Tyrol

REGISTRATION AREA

The Cancer Registry of Tyrol covers the population of Tyrol – one of the nine federal states of Austria, located in the alpine region of the western part of the country. The state has an area of 12 648 km^2, of which only about 12.5% is habitable. The average altitude of the habitable regions is 740 m. About 15% of Tyrol residents are immigrants, mainly from Montenegro, Serbia, and Turkey.

CANCER CARE FACILITIES

Medical facilities are provided by the Innsbruck University Hospital, two semiprivate hospitals in Innsbruck, and nine local hospitals in the rural districts. Most pathology diagnoses are made by two main hospital departments and five smaller pathology laboratories.

REGISTRY STRUCTURE AND METHODS

Since 1969, Austrian hospitals have been required by law to report every cancer case. The Cancer Registry of Tyrol began operation at the end of 1986 and has been population-based since 1988. The registry is staffed by a part-time epidemiologist, a full-time registrar, two part-time registrars, and several data entry clerks. Follow-up information is based on probabilistic record linkage between incidence data and all-cause mortality data for the state of Tyrol. Data are checked using the IARC-CHECK program and routines developed by the registry.

INTERPRETING THE RESULTS

The population of Tyrol is relatively stable, although the proportion of immigrants is increasing. An organized mammography screening programme covering all of Tyrol was rolled out in 2008. Prostate-specific antigen (PSA) testing was introduced in 1988–1989 and has been available free of charge since 1993 to all men aged 45–74 years. The Pap test, the haemoccult test, and colonoscopy are offered free of charge within the framework of opportunistic screening programmes. Dermatologists organize early detection activities for melanoma every spring.

USE OF THE DATA

The registry has published annual reports every year since 1988. Registry data are widely used by physicians (especially at Innsbruck Medical University), and department quality assessment programmes make use of published survival rates. Survival data have also been analysed by the EUROCARE study group. A comprehensive analysis of data quality was published in 2009.

CONTRIBUTORS

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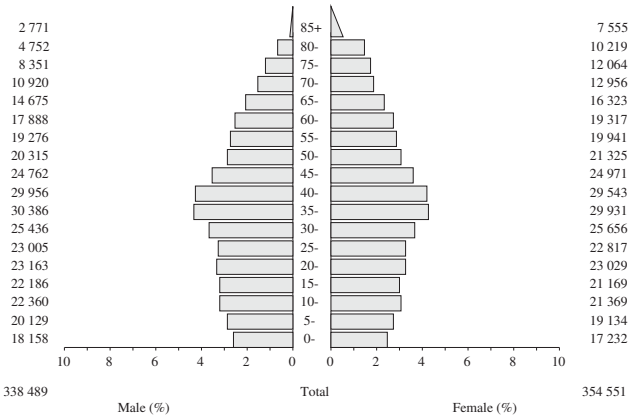
Austria, Tyrol (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Estimated by Statistics Austria, based on the 2001 census and data provided by the Austrian Central Population Register, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	92.1	Breast	70.7
Trachea, bronchus and lung	41.0	Melanoma of skin	23.4
Melanoma of skin	25.6	Trachea, bronchus and lung	16.3
Bladder	24.4	Colon	14.9
Colon	22.7	Corpus uteri	12.3
Rectum	15.3	Cervix uteri	10.1
Stomach	12.6	Thyroid	9.4
Non-melanoma skin cancer	11.6	Non-melanoma skin cancer	9.0
Non-Hodgkin lymphoma	11.0	Ovary	9.0
Kidney	10.4	Rectum	7.7
All sites	358.0	All sites	254.6

Austria, Tyrol (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	20	0.2	1.2	**0.7**	0.03	0.09	9	0.1	0.5	**0.3**	0.01	0.04	*C00*
Tongue	37	0.4	2.2	**1.5**	0.12	0.16	28	0.4	1.6	**1.0**	0.08	0.13	*C01-02*
Mouth	70	0.8	4.1	**2.9**	0.23	0.33	38	0.5	2.1	**1.2**	0.08	0.13	*C03-06*
Salivary glands	21	0.2	1.2	**0.8**	0.06	0.08	14	0.2	0.8	**0.4**	0.02	0.04	*C07-08*
Tonsil	39	0.4	2.3	**1.7**	0.15	0.21	16	0.2	0.9	**0.6**	0.06	0.06	*C09*
Other oropharynx	35	0.4	2.1	**1.5**	0.15	0.19	8	0.1	0.5	**0.3**	0.03	0.04	*C10*
Nasopharynx	12	0.1	0.7	**0.5**	0.03	0.05	7	0.1	0.4	**0.3**	0.01	0.04	*C11*
Hypopharynx	47	0.5	2.8	**1.9**	0.14	0.23	9	0.1	0.5	**0.4**	0.03	0.05	*C12-13*
Pharynx unspecified	7	0.1	0.4	**0.3**	0.02	0.02	2	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	99	1.1	5.8	**3.9**	0.27	0.47	27	0.4	1.5	**0.9**	0.07	0.11	*C15*
Stomach	361	4.0	21.3	**12.6**	0.55	1.34	279	3.7	15.7	**6.9**	0.30	0.78	*C16*
Small intestine	18	0.2	1.1	**0.7**	0.04	0.10	9	0.1	0.5	**0.3**	0.03	0.03	*C17*
Colon	639	7.1	37.8	**22.7**	1.02	2.58	563	7.4	31.8	**14.9**	0.76	1.65	*C18*
Rectum	406	4.5	24.0	**15.3**	0.83	1.81	285	3.8	16.1	**7.7**	0.39	0.92	*C19-20*
Anus	16	0.2	0.9	**0.6**	0.05	0.06	38	0.5	2.1	**1.3**	0.10	0.15	*C21*
Liver	185	2.1	10.9	**7.2**	0.41	0.83	89	1.2	5.0	**2.3**	0.11	0.26	*C22*
Gallbladder etc.	47	0.5	2.8	**1.7**	0.07	0.26	70	0.9	3.9	**1.5**	0.07	0.12	*C23-24*
Pancreas	203	2.3	12.0	**7.3**	0.33	0.87	247	3.3	13.9	**5.9**	0.24	0.61	*C25*
Nose, sinuses etc.	32	0.4	1.9	**1.3**	0.06	0.15	9	0.1	0.5	**0.3**	0.02	0.05	*C30-31*
Larynx	116	1.3	6.9	**4.6**	0.31	0.60	12	0.2	0.7	**0.5**	0.04	0.05	*C32*
Trachea, bronchus and lung	1095	12.2	64.7	**41.0**	2.37	5.07	515	6.8	29.1	**16.3**	1.10	1.96	*C33-34*
Other thoracic organs	10	0.1	0.6	**0.4**	0.03	0.05	8	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	22	0.2	1.3	**1.3**	0.08	0.10	10	0.1	0.6	**0.4**	0.03	0.04	*C40-41*
Melanoma of skin	587	6.5	34.7	**25.6**	1.82	2.68	578	7.6	32.6	**23.4**	1.73	2.18	*C43*
Other skin	330		19.5	**11.6**	0.45	1.22	340		19.2	**9.0**	0.46	0.96	*C44*
Mesothelioma	16	0.2	0.9	**0.6**	0.04	0.08	7	0.1	0.4	**0.2**	0.02	0.02	*C45*
Kaposi sarcoma	2	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	75	0.8	4.4	**3.4**	0.23	0.31	45	0.6	2.5	**1.6**	0.10	0.18	*C47+C49*
Breast	14	0.2	0.8	**0.5**	0.03	0.07	2037	26.8	114.9	**70.7**	5.05	8.18	*C50*
Vulva							44	0.6	2.5	**1.5**	0.10	0.16	*C51*
Vagina							19	0.3	1.1	**0.4**	0.01	0.04	*C52*
Cervix uteri							259	3.4	14.6	**10.1**	0.80	0.97	*C53*
Corpus uteri							388	5.1	21.9	**12.3**	0.73	1.61	*C54*
Uterus unspecified							2	0.0	0.1	**0.0**	0.00	0.00	*C55*
Ovary							301	4.0	17.0	**9.0**	0.50	1.01	*C56*
Other female genital organs							21	0.3	1.2	**0.6**	0.03	0.08	*C57*
Placenta							1	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	14	0.2	0.8	**0.6**	0.05	0.07							*C60*
Prostate	2423	27.0	143.2	**92.1**	5.01	12.33							*C61*
Testis	164	1.8	9.7	**8.3**	0.62	0.64							*C62*
Other male genital organs	2	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	258	2.9	15.2	**10.4**	0.63	1.25	198	2.6	11.2	**6.2**	0.34	0.76	*C64*
Renal pelvis	20	0.2	1.2	**0.7**	0.03	0.07	10	0.1	0.6	**0.3**	0.02	0.03	*C65*
Ureter	6	0.1	0.4	**0.2**	0.01	0.01	7	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	693	7.7	40.9	**24.4**	1.05	2.87	225	3.0	12.7	**5.9**	0.27	0.67	*C67*
Other urinary organs	2	0.0	0.1	**0.1**	0.01	0.01	9	0.1	0.5	**0.2**	0.01	0.02	*C68*
Eye	21	0.2	1.2	**0.8**	0.03	0.10	9	0.1	0.5	**0.4**	0.01	0.03	*C69*
Brain, nervous system	118	1.3	7.0	**5.1**	0.36	0.51	98	1.3	5.5	**3.8**	0.22	0.40	*C70-72*
Thyroid	107	1.2	6.3	**4.6**	0.37	0.51	222	2.9	12.5	**9.4**	0.72	0.93	*C73*
Adrenal gland	5	0.1	0.3	**0.5**	0.02	0.03	7	0.1	0.4	**0.5**	0.03	0.03	*C74*
Other endocrine	1	0.0	0.1	**0.0**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	38	0.4	2.2	**1.9**	0.13	0.17	36	0.5	2.0	**1.9**	0.12	0.16	*C81*
Non-Hodgkin lymphoma	282	3.1	16.7	**11.0**	0.61	1.22	230	3.0	13.0	**7.4**	0.46	0.78	*C82-85,C96*
Immunoproliferative diseases	5	0.1	0.3	**0.2**	0.01	0.02	9	0.1	0.5	**0.2**	0.01	0.02	*C88*
Multiple myeloma	84	0.9	5.0	**3.1**	0.21	0.32	65	0.9	3.7	**1.6**	0.08	0.18	*C90*
Lymphoid leukaemia	149	1.7	8.8	**6.4**	0.32	0.70	106	1.4	6.0	**4.1**	0.22	0.39	*C91*
Myeloid leukaemia	118	1.3	7.0	**4.7**	0.26	0.51	92	1.2	5.2	**3.1**	0.14	0.33	*C92-94*
Leukaemia unspecified	5	0.1	0.3	**0.2**	0.00	0.01	3	0.0	0.2	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	49	0.5	2.9	**1.8**	0.12	0.19	69	0.9	3.9	**2.2**	0.13	0.23	*MPD*
Myelodysplastic syndromes	68	0.8	4.0	**2.3**	0.06	0.22	60	0.8	3.4	**1.4**	0.03	0.15	*MDS*
Other and unspecified	124	1.4	7.3	**4.4**	0.18	0.44	145	1.9	8.2	**3.2**	0.12	0.30	*O&U*
All sites	9317		550.5	**358.0**	20.00	42.25	7936		447.7	**254.6**	16.05	28.09	*C00-96*
All sites except C44	8987	100.0	531.0	**346.5**	19.55	41.03	7596	100.0	428.5	**245.7**	15.59	27.13	*C00-96 exc. C44*

Austria, Vorarlberg

REGISTRATION AREA

The Vorarlberg Cancer Registry covers the population of Vorarlberg, the westernmost of the nine federal states of Austria. At the 2007 census, the population was 365 000 (185 000 females and 180 000 males), living in 96 communities, including five cities. The population is mostly Caucasian, and 78% of residents are Roman Catholic. Further information is available from http://www.vorarlberg.at/.

CANCER CARE FACILITIES

Five public and two private hospitals offer cancer treatment. In special cases, patients are sent to the Innsbruck University Hospital in the state of Tyrol. Vorarlberg has one radio-oncology department and one palliative care department.

REGISTRY STRUCTURE AND METHODS

A law requiring Austrian hospitals to report every case of cancer to the Austrian Federal Bureau of Statistics was passed in 1968. The Vorarlberg Cancer Registry was founded in 1978 within the pathology department of Feldkirch State Hospital, and electronic data processing started in 1981. Local registries forward their data to Statistics Austria. The Vorarlberg Cancer Registry is part of the Austrian Working Group for Preventive and Social Medicine (AKS), working on behalf of the local government in the field of health promotion, preventive medicine, and social medicine. The registry's data sources are pathology laboratories, cancer reporting sheets, hospital information systems, radio-oncology departments, death certificate notifications, and death-certificate-only registrations. The registry is staffed by part-time medical doctors, a trained registrar, and an information technology manager. An initial quality assessment is performed by one of the doctors before data are entered. The IARC-CHECK program, plausibility checks established by the registry, and a record linkage system are also used.

INTERPRETING THE RESULTS

The population of Vorarlberg is stable, and there have been no changes in the structure of medical services or the availability of diagnosis and treatment. The registry used ICD-O-1 coding in 2003 and updated to ICD-O-3 coding for 2004–2007.

USE OF THE DATA

Registry data have been used to evaluate local cancer screening initiatives, such as programmes for early detection of breast, cervical, and colon cancers. The registry also participated in the publication *Cancer Mapping in Alpine Regions 2001–2005*. For further information see http://www.aks.or.at/.

CONTRIBUTORS

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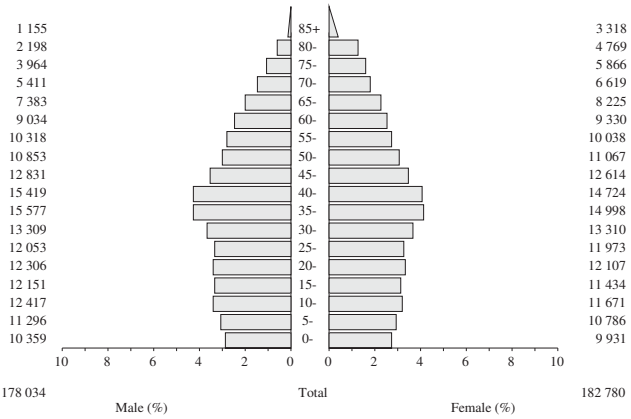
Austria, Vorarlberg (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Estimated by the Institute of Statistics in the Government of Vorarlberg, based on the 2001 census.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	140.4	Breast	70.7
Trachea, bronchus and lung	46.2	Melanoma of skin	17.1
Melanoma of skin	24.8	Trachea, bronchus and lung	16.2
Colon	21.0	Colon	13.7
Non-melanoma skin cancer	17.1	Corpus uteri	12.3
Rectum	13.8	Non-melanoma skin cancer	9.1
Non-Hodgkin lymphoma	12.3	Ovary	8.6
Stomach	11.5	Cervix uteri	8.1
Kidney	11.3	Non-Hodgkin lymphoma	7.8
Bladder	11.2	Rectum	7.3
All sites	394.9	All sites	234.4

Austria, Vorarlberg (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	11	0.2	1.2	**0.8**	0.02	0.12	3	0.1	0.3	**0.2**	0.00	0.02	*C00*
Tongue	27	0.6	3.0	**2.3**	0.21	0.28	11	0.3	1.2	**1.0**	0.08	0.11	*C01-02*
Mouth	36	0.7	4.0	**2.9**	0.19	0.38	14	0.4	1.5	**0.9**	0.07	0.12	*C03-06*
Salivary glands	7	0.1	0.8	**0.5**	0.02	0.04	3	0.1	0.3	**0.2**	0.01	0.02	*C07-08*
Tonsil	15	0.3	1.7	**1.2**	0.10	0.14	4	0.1	0.4	**0.3**	0.02	0.03	*C09*
Other oropharynx	11	0.2	1.2	**0.9**	0.08	0.12	2	0.1	0.2	**0.2**	0.02	0.02	*C10*
Nasopharynx	5	0.1	0.6	**0.4**	0.02	0.04	2	0.1	0.2	**0.2**	0.02	0.02	*C11*
Hypopharynx	14	0.3	1.6	**1.2**	0.10	0.16	3	0.1	0.3	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	11	0.2	1.2	**0.9**	0.08	0.11	1	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	68	1.4	7.6	**5.2**	0.30	0.58	17	0.5	1.9	**1.0**	0.07	0.12	*C15*
Stomach	165	3.4	18.5	**11.5**	0.54	1.12	113	3.3	12.4	**5.6**	0.23	0.60	*C16*
Small intestine	10	0.2	1.1	**0.7**	0.04	0.10	11	0.3	1.2	**0.6**	0.03	0.07	*C17*
Colon	285	5.8	32.0	**21.0**	0.83	2.40	255	7.4	27.9	**13.7**	0.70	1.48	*C18*
Rectum	186	3.8	20.9	**13.8**	0.67	1.69	124	3.6	13.6	**7.3**	0.44	0.82	*C19-20*
Anus	4	0.1	0.4	**0.3**	0.03	0.03	13	0.4	1.4	**0.8**	0.06	0.08	*C21*
Liver	98	2.0	11.0	**7.1**	0.25	0.83	58	1.7	6.3	**3.0**	0.16	0.33	*C22*
Gallbladder etc.	21	0.4	2.4	**1.4**	0.04	0.13	38	1.1	4.2	**1.6**	0.04	0.13	*C23-24*
Pancreas	105	2.1	11.8	**7.6**	0.32	0.87	127	3.7	13.9	**6.2**	0.21	0.75	*C25*
Nose, sinuses etc.	14	0.3	1.6	**1.3**	0.08	0.13	3	0.1	0.3	**0.2**	0.01	0.02	*C30-31*
Larynx	80	1.6	9.0	**6.4**	0.47	0.79	8	0.2	0.9	**0.6**	0.04	0.08	*C32*
Trachea, bronchus and lung	625	12.8	70.2	**46.2**	2.54	5.68	252	7.3	27.6	**16.2**	1.05	1.96	*C33-34*
Other thoracic organs	8	0.2	0.9	**0.7**	0.05	0.07	7	0.2	0.8	**0.4**	0.04	0.05	*C37-38*
Bone	10	0.2	1.1	**1.0**	0.06	0.09	10	0.3	1.1	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	299	6.1	33.6	**24.8**	1.57	2.57	215	6.2	23.5	**17.1**	1.24	1.69	*C43*
Other skin	252		28.3	**17.1**	0.49	1.47	209		22.9	**9.1**	0.24	0.83	*C44*
Mesothelioma	14	0.3	1.6	**1.1**	0.08	0.16	5	0.1	0.5	**0.3**	0.02	0.05	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	22	0.4	2.5	**1.7**	0.08	0.18	22	0.6	2.4	**1.1**	0.06	0.09	*C47+C49*
Breast	10	0.2	1.1	**0.8**	0.03	0.11	1008	29.2	110.3	**70.7**	5.18	8.18	*C50*
Vulva							27	0.8	3.0	**1.5**	0.07	0.16	*C51*
Vagina							13	0.4	1.4	**0.8**	0.07	0.10	*C52*
Cervix uteri							100	2.9	10.9	**8.1**	0.63	0.87	*C53*
Corpus uteri							187	5.4	20.5	**12.3**	0.76	1.58	*C54*
Uterus unspecified							5	0.1	0.5	**0.2**	0.01	0.01	*C55*
Ovary							134	3.9	14.7	**8.6**	0.58	0.97	*C56*
Other female genital organs							4	0.1	0.4	**0.3**	0.03	0.04	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	5	0.1	0.6	**0.4**	0.02	0.05							*C60*
Prostate	1834	37.4	206.0	**140.4**	7.43	19.65							*C61*
Testis	76	1.6	8.5	**7.3**	0.55	0.57							*C62*
Other male genital organs	4	0.1	0.4	**0.4**	0.01	0.04							*C63*
Kidney	144	2.9	16.2	**11.3**	0.68	1.51	82	2.4	9.0	**5.3**	0.32	0.61	*C64*
Renal pelvis	7	0.1	0.8	**0.5**	0.01	0.05	12	0.3	1.3	**0.6**	0.01	0.09	*C65*
Ureter	5	0.1	0.6	**0.3**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	154	3.1	17.3	**11.2**	0.53	1.25	57	1.6	6.2	**2.8**	0.12	0.31	*C67*
Other urinary organs	2	0.0	0.2	**0.1**	0.01	0.01	7	0.2	0.8	**0.3**	0.01	0.02	*C68*
Eye	6	0.1	0.7	**0.4**	0.01	0.07	11	0.3	1.2	**0.7**	0.04	0.10	*C69*
Brain, nervous system	82	1.7	9.2	**6.8**	0.42	0.68	51	1.5	5.6	**4.1**	0.30	0.43	*C70-72*
Thyroid	21	0.4	2.4	**1.8**	0.16	0.21	63	1.8	6.9	**4.9**	0.35	0.46	*C73*
Adrenal gland	2	0.0	0.2	**0.4**	0.02	0.02	4	0.1	0.4	**0.6**	0.03	0.04	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	24	0.5	2.7	**2.5**	0.16	0.19	20	0.6	2.2	**1.9**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	151	3.1	17.0	**12.3**	0.70	1.38	126	3.6	13.8	**7.8**	0.42	0.91	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	55	1.1	6.2	**4.0**	0.18	0.41	59	1.7	6.5	**3.3**	0.18	0.39	*C90*
Lymphoid leukaemia	52	1.1	5.8	**5.1**	0.27	0.51	41	1.2	4.5	**2.9**	0.11	0.22	*C91*
Myeloid leukaemia	50	1.0	5.6	**4.2**	0.17	0.46	36	1.0	3.9	**2.9**	0.20	0.27	*C92-94*
Leukaemia unspecified	6	0.1	0.7	**0.7**	0.03	0.03	4	0.1	0.4	**0.3**	0.02	0.02	*C95*
Myeloproliferative disorders	1	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	54	1.1	6.1	**4.0**	0.16	0.44	83	2.4	9.1	**4.5**	0.23	0.41	*O&U*
All sites	5150		578.5	**394.9**	20.82	47.91	3665		401.0	**234.4**	14.73	25.95	*C00-96*
All sites except C44	4898	100.0	550.2	**377.8**	20.33	46.44	3456	100.0	378.2	**225.3**	14.49	25.12	*C00-96 exc. C44*

Belarus

REGISTRATION AREA
The Belarusian Cancer Registry covers the entire population of Belarus.

CANCER CARE FACILITIES
Doctors in all health care facilities are required to send full details of every new cancer case to one of the country's 12 oncology dispensaries, which in turn submit data to the central registry. In each region, a regional oncologist is responsible for registering incidence, diagnosis, and treatment details.

REGISTRY STRUCTURE AND METHODS
Registration of malignant neoplasms has been mandatory in Belarus since 1953. All cases must be registered either during the patient's lifetime or after death. In 1973, a computerized central cancer registry was established within the Republican Institute of Oncology and Medical Radiology. To increase the comprehensiveness of the data, the inclusion of prophylactic observations and active follow-up was later introduced. Deaths are registered through monthly checking of data from dispensaries and clinics against the data from the state offices responsible for registering deaths. A registration card identifies each patient by his or her ID number, given name and family name, place of residence, etc. Multiple primary tumours are registered individually so that the corresponding data can be analysed together. Hospitals where malignant tumours are diagnosed provide registration information, as do pathology laboratories (when cancer is diagnosed at autopsy). Computer checks for consistency are performed at the time of data entry. Duplication is prevented by using an alphabetical index of patients' names together with visual control where necessary. In recent years, oncology dispensaries have been provided with monthly updates of current statistical data. Special registration of cases of late diagnosis is also carried out.

USE OF THE DATA
Registry data are used for planning cancer control activities and performing onco-epidemiological research. Special cancer control studies have been organized in regions polluted with radionuclides after the Chernobyl Nuclear Power Plant accident.

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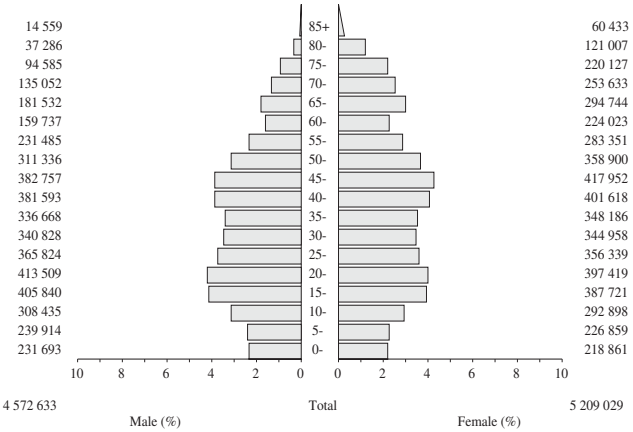
Belarus (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by the National Statistical Committee of the Republic of Belarus.

NOTES ON THE DATA
*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	62.8	Breast	41.0
Stomach	33.3	Non-melanoma skin cancer	27.3
Non-melanoma skin cancer	29.7	Corpus uteri	16.8
Prostate	27.7	Stomach	13.8
Kidney	15.0	Thyroid	13.6
Rectum	14.5	Cervix uteri	12.1
Bladder	14.4	Colon	10.8
Colon	14.3	Ovary	10.4
Larynx	9.5	Rectum	8.6
Pancreas	7.2	Kidney	7.7
All sites	305.8	All sites	209.9

*Belarus (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	894	1.1	3.9	**3.0**	0.13	0.38	310	0.4	1.2	**0.5**	0.01	0.05	*C00*
Tongue	871	1.1	3.8	**3.0**	0.25	0.36	109	0.1	0.4	**0.2**	0.02	0.03	*C01-02*
Mouth	1084	1.3	4.7	**3.7**	0.32	0.45	133	0.2	0.5	**0.3**	0.02	0.03	*C03-06*
Salivary glands	252	0.3	1.1	**0.9**	0.06	0.11	137	0.2	0.5	**0.3**	0.02	0.03	*C07-08*
Tonsil	458	0.6	2.0	**1.6**	0.14	0.20	64	0.1	0.2	**0.1**	0.01	0.02	*C09*
Other oropharynx	589	0.7	2.6	**2.0**	0.17	0.25	26	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	107	0.1	0.5	**0.4**	0.03	0.04	51	0.1	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	963	1.2	4.2	**3.3**	0.28	0.42	16	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	37	0.0	0.2	**0.1**	0.01	0.02	2	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	1909	2.3	8.3	**6.6**	0.49	0.87	212	0.3	0.8	**0.4**	0.02	0.04	*C15*
Stomach	9960	12.2	43.6	**33.3**	1.92	4.13	7115	9.2	27.3	**13.8**	0.76	1.68	*C16*
Small intestine	99	0.1	0.4	**0.3**	0.02	0.04	122	0.2	0.5	**0.3**	0.02	0.03	*C17*
Colon	4326	5.3	18.9	**14.3**	0.73	1.79	5459	7.1	21.0	**10.8**	0.62	1.35	*C18*
Rectum	4390	5.4	19.2	**14.5**	0.73	1.86	4371	5.7	16.8	**8.6**	0.49	1.08	*C19-20*
Anus	55	0.1	0.2	**0.2**	0.01	0.02	109	0.1	0.4	**0.2**	0.02	0.03	*C21*
Liver	963	1.2	4.2	**3.3**	0.19	0.42	626	0.8	2.4	**1.3**	0.07	0.15	*C22*
Gallbladder etc.	368	0.5	1.6	**1.2**	0.06	0.15	702	0.9	2.7	**1.3**	0.07	0.17	*C23-24*
Pancreas	2145	2.6	9.4	**7.2**	0.44	0.89	1829	2.4	7.0	**3.5**	0.19	0.43	*C25*
Nose, sinuses etc.	216	0.3	0.9	**0.8**	0.06	0.09	127	0.2	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	2771	3.4	12.1	**9.5**	0.71	1.19	89	0.1	0.3	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	18567	22.8	81.2	**62.8**	3.80	8.33	2632	3.4	10.1	**5.2**	0.30	0.62	*C33-34*
Other thoracic organs	156	0.2	0.7	**0.6**	0.04	0.06	75	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	266	0.3	1.2	**1.0**	0.06	0.09	221	0.3	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	1029	1.3	4.5	**3.5**	0.24	0.39	1801	2.3	6.9	**4.5**	0.32	0.48	*C43*
Other skin	8987		39.3	**29.7**	1.37	3.35	14540		55.8	**27.3**	1.43	3.27	*C44*
Mesothelioma	196	0.2	0.9	**0.7**	0.05	0.08	161	0.2	0.6	**0.4**	0.03	0.04	*C45*
Kaposi sarcoma	58	0.1	0.3	**0.2**	0.01	0.02	21	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	552	0.7	2.4	**2.0**	0.13	0.21	606	0.8	2.3	**1.6**	0.11	0.16	*C47+C49*
Breast	130	0.2	0.6	**0.4**	0.02	0.05	16615	21.5	63.8	**41.0**	3.22	4.62	*C50*
Vulva							755	1.0	2.9	**1.3**	0.06	0.16	*C51*
Vagina							168	0.2	0.6	**0.4**	0.02	0.04	*C52*
Cervix uteri							4452	5.8	17.1	**12.1**	0.98	1.23	*C53*
Corpus uteri							6862	8.9	26.3	**16.8**	1.37	2.06	*C54*
Uterus unspecified							125	0.2	0.5	**0.3**	0.02	0.03	*C55*
Ovary							4144	5.4	15.9	**10.4**	0.80	1.17	*C56*
Other female genital organs							93	0.1	0.4	**0.2**	0.02	0.03	*C57*
Placenta							26	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	250	0.3	1.1	**0.8**	0.05	0.10							*C60*
Prostate	8749	10.7	38.3	**27.7**	0.89	3.47							*C61*
Testis	555	0.7	2.4	**2.1**	0.15	0.16							*C62*
Other male genital organs	26	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	4411	5.4	19.3	**15.0**	1.07	1.79	3164	4.1	12.1	**7.7**	0.56	0.89	*C64*
Renal pelvis	80	0.1	0.3	**0.3**	0.02	0.03	48	0.1	0.2	**0.1**	0.01	0.01	*C65*
Ureter	36	0.0	0.2	**0.1**	0.01	0.02	23	0.0	0.1	**0.0**	0.00	0.01	*C66*
Bladder	4406	5.4	19.3	**14.4**	0.64	1.78	1029	1.3	4.0	**1.9**	0.10	0.24	*C67*
Other urinary organs	5	0.0	0.0	**0.0**	0.00	0.00	15	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	228	0.3	1.0	**0.9**	0.05	0.09	315	0.4	1.2	**0.9**	0.06	0.09	*C69*
Brain, nervous system	1169	1.4	5.1	**4.5**	0.33	0.44	1157	1.5	4.4	**3.8**	0.29	0.35	*C70-72*
Thyroid	975	1.2	4.3	**3.5**	0.28	0.33	4465	5.8	17.1	**13.6**	1.12	1.30	*C73*
Adrenal gland	137	0.2	0.6	**0.6**	0.03	0.05	78	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	17	0.0	0.1	**0.1**	0.00	0.01	19	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	680	0.8	3.0	**2.7**	0.18	0.21	759	1.0	2.9	**2.8**	0.19	0.21	*C81*
Non-Hodgkin lymphoma	1320	1.6	5.8	**4.7**	0.29	0.51	1246	1.6	4.8	**2.9**	0.19	0.33	*C82-85,C96*
Immunoproliferative diseases	15	0.0	0.1	**0.0**	0.00	0.01	13	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	488	0.6	2.1	**1.7**	0.10	0.22	705	0.9	2.7	**1.6**	0.10	0.21	*C90*
Lymphoid leukaemia	1575	1.9	6.9	**5.9**	0.30	0.61	1330	1.7	5.1	**3.4**	0.18	0.35	*C91*
Myeloid leukaemia	945	1.2	4.1	**3.4**	0.20	0.36	997	1.3	3.8	**2.6**	0.17	0.27	*C92-94*
Leukaemia unspecified	77	0.1	0.3	**0.3**	0.01	0.03	71	0.1	0.3	**0.1**	0.01	0.02	*C95*
Myeloproliferative disorders	83	0.1	0.4	**0.3**	0.02	0.04	86	0.1	0.3	**0.2**	0.01	0.02	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1943	2.4	8.5	**6.6**	0.39	0.82	1404	1.8	5.4	**3.0**	0.18	0.36	*O&U*
All sites	90568		396.1	**305.8**	17.51	37.33	91830		352.6	**209.9**	14.31	23.89	*C00-96*
All sites except C44	81581	100.0	356.8	**276.1**	16.14	33.98	77290	100.0	296.8	**182.6**	12.87	20.62	*C00-96 exc. C44*

*See note following population pyramid

Belgium

REGISTRATION AREA
The Belgian Cancer Registry covers the Kingdom of Belgium. In 2010, the population was 10.8 million (17% aged more than 65 years). The life expectancy at birth was 77.2 years for males and 82.4 years for females.

CANCER CARE FACILITIES
Medical care is easily accessible, and cancer care is provided by general and academic hospitals. In 2010, there were 3.6 physicians per 1000 residents. Medical insurance is mandatory, and more than 99% of the population is covered.

REGISTRY STRUCTURE AND METHODS
Belgium's seven health insurance companies have been collecting data on new cancer diagnoses since 1983. Due to the incompleteness of these data, various local registries were started in the Flemish Region (in the northern part of Belgium). These local initiatives were integrated into the Flemish Cancer Registry Network in 1998, and data for the Flemish Region were included in *Cancer Incidence in Five Continents, Volume VIII*. The Belgian Cancer Registry was founded in 2005, and Belgium has implemented oncology and cancer registration laws resulting in complete national coverage since 2004. The registry uses both passive and active data collection. All data are submitted electronically. The registry uses the national registration number as a unique patient identifier, which enables accurate records linkage and follow-up of vital status.

INTERPRETING THE RESULTS
There were no regional or national organized screening programmes for cervical or breast cancer until 2001, but many women regularly received Pap testing and mammography. In June 2001, a national breast cancer screening programme was launched among women aged 50–69 years. There are also local screening initiatives for cervical cancer and malignant melanoma. Opportunistic prostate-specific antigen (PSA) testing is becoming increasingly common.

USE OF THE DATA
Annual incidence data tabulated by sex, age, primary site, and geographical location are available from the registry's website (http://www.belgiancancerregistry.be/). More detailed analyses of incidence and survival are regularly reported in various publications. The registry is also involved in evaluating screening programmes and quality-of-care projects, and supports the initial setup of quality-of-care projects.

CONTRIBUTORS
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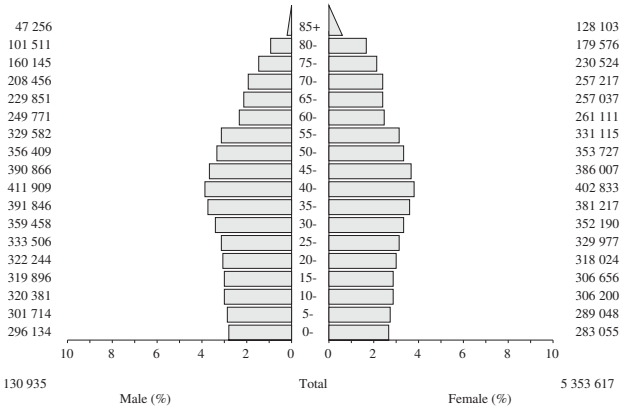
Belgium (2004-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on annual estimates provided by the Belgian National Register.

NOTES ON THE DATA
*No DCO registrations. High MV%. †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	101.1	Breast	110.8
Non-melanoma skin cancer	63.1	Non-melanoma skin cancer	50.8
Trachea, bronchus and lung	59.1	Colon	18.9
Bladder	32.0	Trachea, bronchus and lung	17.6
Colon	26.9	Corpus uteri	13.3
Rectum	16.4	Melanoma of skin	12.1
Non-Hodgkin lymphoma	12.7	Ovary	9.6
Kidney	9.9	Rectum	9.2
Stomach	9.1	Non-Hodgkin lymphoma	8.7
Melanoma of skin	8.5	Cervix uteri	8.6
All sites	438.7	All sites	332.6

*Belgium (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	208	0.2	1.0	**0.6**	0.03	0.07	73	0.1	0.3	**0.1**	0.01	0.02	*C00*
Tongue	964	0.7	4.7	**3.1**	0.26	0.37	338	0.3	1.6	**1.0**	0.08	0.11	*C01-02*
Mouth	1263	0.9	6.2	**4.1**	0.35	0.48	541	0.5	2.5	**1.5**	0.12	0.17	*C03-06*
Salivary glands	284	0.2	1.4	**0.8**	0.05	0.09	229	0.2	1.1	**0.6**	0.04	0.06	*C07-08*
Tonsil	676	0.5	3.3	**2.2**	0.19	0.25	238	0.2	1.1	**0.7**	0.06	0.08	*C09*
Other oropharynx	396	0.3	1.9	**1.3**	0.12	0.15	101	0.1	0.5	**0.3**	0.02	0.03	*C10*
Nasopharynx	161	0.1	0.8	**0.6**	0.04	0.06	45	0.0	0.2	**0.1**	0.01	0.02	*C11*
Hypopharynx	812	0.6	4.0	**2.6**	0.22	0.32	126	0.1	0.6	**0.4**	0.04	0.04	*C12-13*
Pharynx unspecified	130	0.1	0.6	**0.4**	0.03	0.05	39	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	2684	2.0	13.1	**7.9**	0.52	0.96	937	0.9	4.4	**2.1**	0.13	0.25	*C15*
Stomach	3491	2.6	17.0	**9.1**	0.43	1.02	2027	1.9	9.5	**3.9**	0.20	0.42	*C16*
Small intestine	386	0.3	1.9	**1.1**	0.07	0.13	389	0.4	1.8	**0.9**	0.06	0.10	*C17*
Colon	10556	7.8	51.4	**26.9**	1.16	3.10	9764	9.0	45.6	**18.9**	0.90	2.14	*C18*
Rectum	6087	4.5	29.7	**16.4**	0.85	2.00	4319	4.0	20.2	**9.2**	0.53	1.09	*C19-20*
Anus	204	0.2	1.0	**0.6**	0.04	0.07	310	0.3	1.4	**0.7**	0.05	0.08	*C21*
Liver	1315	1.0	6.4	**3.8**	0.23	0.48	608	0.6	2.8	**1.4**	0.08	0.17	*C22*
Gallbladder etc.	594	0.4	2.9	**1.5**	0.07	0.18	672	0.6	3.1	**1.3**	0.05	0.15	*C23-24*
Pancreas	2394	1.8	11.7	**6.5**	0.35	0.82	2158	2.0	10.1	**4.6**	0.25	0.57	*C25*
Nose, sinuses etc.	319	0.2	1.6	**1.0**	0.06	0.11	129	0.1	0.6	**0.4**	0.03	0.04	*C30-31*
Larynx	2351	1.7	11.5	**7.1**	0.50	0.89	337	0.3	1.6	**0.9**	0.07	0.11	*C32*
Trachea, bronchus and lung	21890	16.2	106.7	**59.1**	3.15	7.53	6788	6.3	31.7	**17.6**	1.25	2.15	*C33-34*
Other thoracic organs	121	0.1	0.6	**0.4**	0.03	0.05	76	0.1	0.4	**0.2**	0.02	0.02	*C37-38*
Bone	302	0.2	1.5	**1.4**	0.09	0.11	289	0.3	1.3	**1.2**	0.08	0.10	*C40-41*
Melanoma of skin	2615	1.9	12.7	**8.5**	0.57	0.89	3781	3.5	17.7	**12.1**	0.91	1.18	*C43*
Other skin	24823		120.9	**63.1**	2.73	6.87	23253		108.6	**50.8**	2.98	5.56	*C44*
Mesothelioma	824	0.6	4.0	**2.2**	0.11	0.28	162	0.1	0.8	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	99	0.1	0.5	**0.3**	0.02	0.03	33	0.0	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	722	0.5	3.5	**2.4**	0.14	0.23	611	0.6	2.9	**1.9**	0.13	0.18	*C47+C49*
Breast	320	0.2	1.6	**0.9**	0.05	0.11	38981	36.1	182.0	**110.8**	8.57	12.45	*C50*
Vulva							710	0.7	3.3	**1.5**	0.08	0.16	*C51*
Vagina							197	0.2	0.9	**0.4**	0.02	0.05	*C52*
Cervix uteri							2622	2.4	12.2	**8.6**	0.69	0.84	*C53*
Corpus uteri							5517	5.1	25.8	**13.3**	0.83	1.72	*C54*
Uterus unspecified							154	0.1	0.7	**0.4**	0.02	0.04	*C55*
Ovary							3700	3.4	17.3	**9.6**	0.64	1.12	*C56*
Other female genital organs							122	0.1	0.6	**0.3**	0.02	0.03	*C57*
Placenta							17	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	286	0.2	1.4	**0.8**	0.04	0.08							*C60*
Prostate	37709	28.0	183.7	**101.1**	4.82	13.43							*C61*
Testis	1107	0.8	5.4	**5.2**	0.38	0.39							*C62*
Other male genital organs	53	0.0	0.3	**0.2**	0.01	0.02							*C63*
Kidney	3377	2.5	16.5	**9.9**	0.60	1.22	2107	2.0	9.8	**5.3**	0.32	0.63	*C64*
Renal pelvis	383	0.3	1.9	**1.0**	0.04	0.12	270	0.2	1.3	**0.5**	0.02	0.06	*C65*
Ureter	267	0.2	1.3	**0.7**	0.03	0.08	104	0.1	0.5	**0.2**	0.01	0.02	*C66*
†Bladder	12617	9.4	61.5	**32.0**	1.37	3.72	3259	3.0	15.2	**6.4**	0.31	0.75	*C67*
Other urinary organs	84	0.1	0.4	**0.2**	0.01	0.02	19	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	184	0.1	0.9	**0.7**	0.04	0.06	166	0.2	0.8	**0.6**	0.03	0.06	*C69*
Brain, nervous system	1799	1.3	8.8	**6.5**	0.43	0.65	1329	1.2	6.2	**4.6**	0.29	0.45	*C70-72*
Thyroid	691	0.5	3.4	**2.4**	0.19	0.25	2018	1.9	9.4	**7.2**	0.57	0.69	*C73*
Adrenal gland	67	0.0	0.3	**0.4**	0.02	0.03	83	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	32	0.0	0.2	**0.2**	0.01	0.01	22	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	687	0.5	3.3	**3.1**	0.21	0.24	487	0.5	2.3	**2.2**	0.15	0.17	*C81*
Non-Hodgkin lymphoma	4209	3.1	20.5	**12.7**	0.76	1.39	3569	3.3	16.7	**8.7**	0.52	0.98	*C82-85,C96*
Immunoproliferative diseases	165	0.1	0.8	**0.4**	0.02	0.05	105	0.1	0.5	**0.2**	0.01	0.03	*C88*
Multiple myeloma	1538	1.1	7.5	**4.1**	0.20	0.50	1336	1.2	6.2	**2.9**	0.17	0.36	*C90*
Lymphoid leukaemia	1640	1.2	8.0	**5.7**	0.32	0.57	1141	1.1	5.3	**3.6**	0.20	0.35	*C91*
Myeloid leukaemia	1279	0.9	6.2	**3.9**	0.22	0.42	1104	1.0	5.2	**3.1**	0.20	0.31	*C92-94*
Leukaemia unspecified	60	0.0	0.3	**0.2**	0.01	0.02	36	0.0	0.2	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	713	0.5	3.5	**2.0**	0.11	0.23	742	0.7	3.5	**1.7**	0.10	0.19	*MPD*
Myelodysplastic syndromes	1049	0.8	5.1	**2.6**	0.09	0.28	786	0.7	3.7	**1.5**	0.07	0.16	*MDS*
Other and unspecified	2584	1.9	12.6	**7.0**	0.37	0.80	2215	2.1	10.3	**4.7**	0.26	0.52	*O&U*
All sites	159571		777.5	**438.7**	22.76	52.31	131291		613.1	**332.6**	22.28	37.12	*C00-96*
All sites except C44	134748	100.0	656.5	**375.6**	20.04	45.43	108038	100.0	504.5	**281.8**	19.30	31.56	*C00-96 exc. C44*

†*See note following population pyramid

Bulgaria

REGISTRATION AREA

The Bulgarian National Cancer Registry (BNCR) covers the population of Bulgaria. The country is divided into 28 districts, whose populations differ in terms of size, age structure, urban and rural proportions, and ethnic and religious compositions. About 70% of the population lives in urban areas. Approximately 83% of residents are Bulgarian, and 17% are Turkish, Romani, Armenian, Jewish, Greek, or of other ethnicities. Eastern Orthodox Christianity is the most common religion.

CANCER CARE FACILITIES

Cancer care is provided by the National Hospital of Oncology (NHO), regional oncology centres (ROCs), university hospitals, and some municipal hospitals where facilities for complex treatment are available. A state-run, socially oriented, mandatory health insurance system was introduced in 2000. The Minister of Health defines a guaranteed medical services package and supervises its provision.

REGISTRY STRUCTURE AND METHODS

The Bulgarian Ministry of Health mandated the registration of malignant neoplasms through national instructions issued in 1964 and national orders issued in 1990 and 2011. Cancer registration is funded by the ministry. There have been no changes in coverage. The BNCR and 13 regional cancer registries (RCRs) were established in 1952. The BNCR is part of the NHO, and each RCR is part of an ROC. The registries are certified by the Bulgarian Commission for Personal Data Protection, which was established by a parliamentary decision in 2002. The BNCR staff consists of a physician, a statistician, a database specialist, and five registrars. The staff of each RCR includes a physician and two or three registrars who collect information from all data sources in their region using active and passive methods. Quality control procedures are regularly performed at the BNCR, and the registry uses international classifications and standards. The ICD-10 coding system was adopted by the BNCR in 2005.

INTERPRETING THE RESULTS

Opportunistic screening for breast and cervical cancers has been available in Bulgaria since 2000 and is covered by the National Health Insurance Fund.

USE OF THE DATA

The BNCR publishes annual reports on cancer incidence, prevalence, and regional distributions, as well as patient age and disease stage. The data are accessed by researchers, policy-makers, patients, etc., and are used for epidemiological studies, reports, communications, and planning and evaluation of health services.

CONTRIBUTORS

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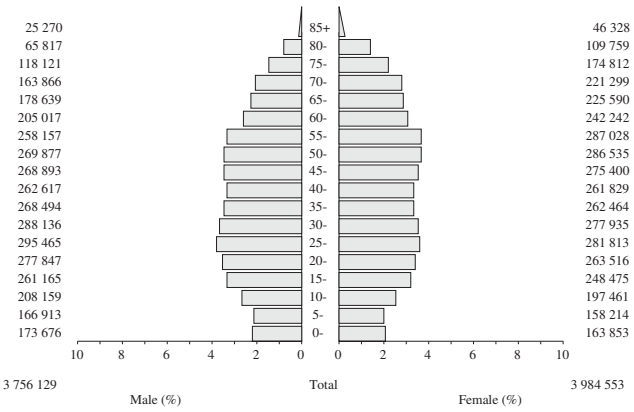
Bulgaria (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2001 census (http://www.nsi.bg/), making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	50.9	Breast	52.7
Non-melanoma skin cancer	24.0	Cervix uteri	20.0
Prostate	19.8	Non-melanoma skin cancer	17.1
Colon	18.8	Corpus uteri	16.6
Stomach	16.1	Colon	13.3
Bladder	15.6	Ovary	12.6
Rectum	15.5	Rectum	8.6
Other and unspecified	12.8	Trachea, bronchus and lung	7.7
Larynx	10.1	Stomach	7.3
Pancreas	9.1	Other and unspecified	6.5
All sites	260.7	All sites	211.6

Bulgaria (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	814	1.1	4.3	**2.3**	0.12	0.29	260	0.4	1.3	**0.5**	0.02	0.06	*C00*
Tongue	554	0.7	2.9	**1.9**	0.16	0.23	138	0.2	0.7	**0.4**	0.03	0.04	*C01-02*
Mouth	533	0.7	2.8	**1.8**	0.16	0.22	113	0.2	0.6	**0.3**	0.02	0.03	*C03-06*
Salivary glands	273	0.4	1.5	**0.9**	0.05	0.10	166	0.2	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	357	0.5	1.9	**1.2**	0.11	0.15	60	0.1	0.3	**0.1**	0.01	0.01	*C09*
Other oropharynx	163	0.2	0.9	**0.6**	0.05	0.07	20	0.0	0.1	**0.0**	0.00	0.01	*C10*
Nasopharynx	244	0.3	1.3	**0.9**	0.08	0.10	111	0.2	0.6	**0.4**	0.03	0.04	*C11*
Hypopharynx	341	0.5	1.8	**1.2**	0.10	0.14	37	0.1	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	50	0.1	0.3	**0.2**	0.02	0.02	13	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	767	1.0	4.1	**2.5**	0.18	0.30	204	0.3	1.0	**0.4**	0.02	0.04	*C15*
Stomach	5538	7.3	29.5	**16.1**	0.85	1.99	3453	4.9	17.3	**7.3**	0.35	0.81	*C16*
Small intestine	128	0.2	0.7	**0.4**	0.03	0.05	90	0.1	0.5	**0.2**	0.02	0.03	*C17*
Colon	6573	8.7	35.0	**18.8**	0.95	2.34	5764	8.2	28.9	**13.3**	0.75	1.64	*C18*
Rectum	5225	6.9	27.8	**15.5**	0.86	1.97	3661	5.2	18.4	**8.6**	0.50	1.06	*C19-20*
Anus	167	0.2	0.9	**0.5**	0.04	0.07	127	0.2	0.6	**0.4**	0.03	0.04	*C21*
Liver	1916	2.5	10.2	**5.8**	0.33	0.71	1056	1.5	5.3	**2.3**	0.11	0.27	*C22*
Gallbladder etc.	510	0.7	2.7	**1.5**	0.08	0.17	860	1.2	4.3	**1.9**	0.09	0.24	*C23-24*
Pancreas	3011	4.0	16.0	**9.1**	0.55	1.10	2272	3.3	11.4	**5.0**	0.25	0.61	*C25*
Nose, sinuses etc.	169	0.2	0.9	**0.6**	0.04	0.06	74	0.1	0.4	**0.2**	0.01	0.02	*C30-31*
Larynx	2965	3.9	15.8	**10.1**	0.83	1.26	156	0.2	0.8	**0.4**	0.04	0.05	*C32*
Trachea, bronchus and lung	15934	21.1	84.8	**50.9**	3.59	6.61	3010	4.3	15.1	**7.7**	0.53	0.91	*C33-34*
Other thoracic organs	196	0.3	1.0	**0.7**	0.04	0.08	93	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	256	0.3	1.4	**1.1**	0.07	0.10	185	0.3	0.9	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	974	1.3	5.2	**3.2**	0.21	0.36	874	1.3	4.4	**2.5**	0.18	0.27	*C43*
Other skin	8618		45.9	**24.0**	1.05	2.80	7936		39.8	**17.1**	0.82	1.98	*C44*
Mesothelioma	125	0.2	0.7	**0.4**	0.03	0.05	64	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	29	0.0	0.2	**0.1**	0.00	0.01	10	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	538	0.7	2.9	**2.1**	0.14	0.21	452	0.6	2.3	**1.7**	0.11	0.16	*C47+C49*
Breast	213	0.3	1.1	**0.7**	0.04	0.08	18059	25.8	90.6	**52.7**	3.97	5.97	*C50*
Vulva							619	0.9	3.1	**1.3**	0.06	0.16	*C51*
Vagina							139	0.2	0.7	**0.3**	0.02	0.04	*C52*
Cervix uteri							5648	8.1	28.3	**20.0**	1.66	1.98	*C53*
Corpus uteri							5997	8.6	30.1	**16.6**	1.28	2.07	*C54*
Uterus unspecified							256	0.4	1.3	**0.7**	0.04	0.07	*C55*
Ovary							4172	6.0	20.9	**12.6**	0.96	1.42	*C56*
Other female genital organs							82	0.1	0.4	**0.2**	0.01	0.03	*C57*
Placenta							18	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	228	0.3	1.2	**0.7**	0.05	0.08							*C60*
Prostate	7699	10.2	41.0	**19.8**	0.61	2.43							*C61*
Testis	931	1.2	5.0	**4.4**	0.32	0.34							*C62*
Other male genital organs	28	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	2002	2.6	10.7	**6.7**	0.48	0.80	1044	1.5	5.2	**3.0**	0.21	0.35	*C64*
Renal pelvis	165	0.2	0.9	**0.5**	0.03	0.07	77	0.1	0.4	**0.2**	0.01	0.02	*C65*
Ureter	45	0.1	0.2	**0.1**	0.01	0.02	26	0.0	0.1	**0.1**	0.00	0.01	*C66*
Bladder	5237	6.9	27.9	**15.6**	0.87	1.96	1389	2.0	7.0	**3.3**	0.20	0.39	*C67*
Other urinary organs	19	0.0	0.1	**0.1**	0.00	0.01	20	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	123	0.2	0.7	**0.5**	0.03	0.05	110	0.2	0.6	**0.4**	0.03	0.04	*C69*
Brain, nervous system	1840	2.4	9.8	**7.0**	0.48	0.73	1551	2.2	7.8	**5.2**	0.36	0.53	*C70-72*
Thyroid	245	0.3	1.3	**0.9**	0.07	0.10	993	1.4	5.0	**3.6**	0.29	0.35	*C73*
Adrenal gland	76	0.1	0.4	**0.3**	0.02	0.03	58	0.1	0.3	**0.2**	0.01	0.02	*C74*
Other endocrine	21	0.0	0.1	**0.1**	0.01	0.01	15	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	443	0.6	2.4	**2.0**	0.15	0.17	340	0.5	1.7	**1.6**	0.11	0.13	*C81*
Non-Hodgkin lymphoma	1257	1.7	6.7	**4.5**	0.29	0.49	1059	1.5	5.3	**3.1**	0.21	0.34	*C82-85,C96*
Immunoproliferative diseases	14	0.0	0.1	**0.1**	0.00	0.00	12	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	417	0.6	2.2	**1.3**	0.08	0.16	449	0.6	2.3	**1.2**	0.08	0.16	*C90*
Lymphoid leukaemia	845	1.1	4.5	**3.9**	0.20	0.34	608	0.9	3.1	**2.5**	0.13	0.21	*C91*
Myeloid leukaemia	687	0.9	3.7	**2.5**	0.16	0.26	592	0.8	3.0	**1.8**	0.12	0.20	*C92-94*
Leukaemia unspecified	137	0.2	0.7	**0.5**	0.02	0.05	138	0.2	0.7	**0.4**	0.02	0.04	*C95*
Myeloproliferative disorders	272	0.4	1.4	**0.9**	0.06	0.11	273	0.4	1.4	**0.8**	0.05	0.09	*MPD*
Myelodysplastic syndromes	101	0.1	0.5	**0.3**	0.01	0.03	68	0.1	0.3	**0.1**	0.01	0.02	*MDS*
Other and unspecified	4174	5.5	22.2	**12.8**	0.78	1.56	2762	4.0	13.9	**6.5**	0.37	0.74	*O&U*
All sites	84187		448.3	**260.7**	15.53	31.43	77833		390.7	**211.6**	14.29	23.88	*C00-96*
All sites except C44	75569	100.0	402.4	**236.7**	14.47	28.63	69897	100.0	350.8	**194.5**	13.47	21.90	*C00-96 exc. C44*

Croatia

REGISTRATION AREA
The Croatian National Cancer Registry covers the entire population of the Republic of Croatia. Administratively, Croatia is divided into 20 counties and the capital city of Zagreb.

CANCER CARE FACILITIES
In 2007, the health service entry points were 2552 primary care physicians (general practitioners, gynaecologists, and paediatricians). There were 23 general hospitals, 14 clinical teaching hospitals, and several specialized hospitals, including one dedicated to oncology. Most hospitals in Croatia treat cancer patients, but the main regional oncology centres (offering a full range of services) are located in the clinical hospitals in Zagreb, Split, Osijek, and Rijeka.

REGISTRY STRUCTURE AND METHODS
The registry is part of the Epidemiology of Chronic Diseases Service at the Croatian National Institute of Public Health (CNIPH) in Zagreb, and is funded by the Croatian Ministry of Health and Social Welfare and the Croatian Health Insurance Fund. The registry's primary data sources are notifications from hospitals and primary care providers, pathology reports, and mortality databases. Notifications include the name of the health care provider (hospital or physician) that the registry can contact for further information. Electronic hospital discharge records are a supplementary data source. Topography is coded using ICD-10, and morphology is coded using ICD-O-2.

INTERPRETING THE RESULTS
An organized population-based screening programme for breast cancer was introduced at the end of 2006, and for colorectal cancer in 2007. Opportunistic screening for cervical cancer has been provided since the 1960s, and the number of Pap tests administered yearly is increasing. Opportunistic screening with the faecal occult blood test is carried out in some regions, and prostate-specific antigen (PSA) testing is becoming more common (although only in patients with urological symptoms).

USE OF THE DATA
Cancer incidence data have been presented in an annual report (a bulletin published in Croatian and English) and in the CNIPH's joint annual report since 1976. Analyses are published in medical journals and postgraduate theses and presented at health congresses and other scientific meetings. Registry data on cancer incidence and mortality are also used for planning and evaluation of preventive measures and various health care services.

CONTRIBUTORS
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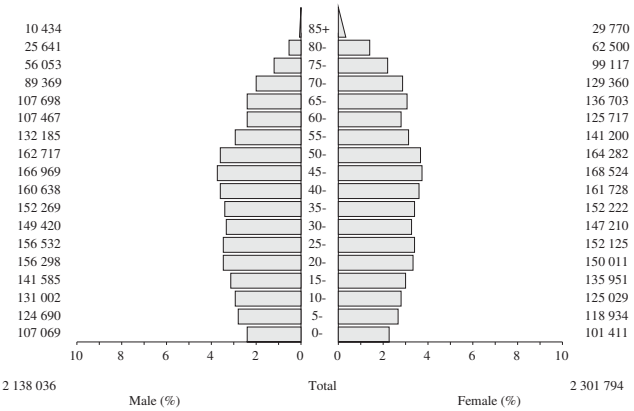
Croatia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on 2001 census data provided by the Croatian Bureau of Statistics.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	65.1	Breast	59.4
Prostate	39.5	Trachea, bronchus and lung	14.0
Colon	23.2	Colon	13.6
Rectum	20.9	Corpus uteri	12.6
Stomach	18.3	Ovary	12.1
Bladder	18.1	Thyroid	10.9
Other and unspecified	12.4	Rectum	10.7
Kidney	11.3	Cervix uteri	10.6
Larynx	10.8	Stomach	7.6
Brain, nervous system	9.5	Brain, nervous system	7.6
All sites	321.7	All sites	223.9

Croatia (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	312	0.6	2.9	**1.7**	0.09	0.20	133	0.3	1.2	**0.5**	0.02	0.06	*C00*
Tongue	596	1.1	5.6	**3.7**	0.30	0.45	99	0.2	0.9	**0.5**	0.04	0.06	*C01-02*
Mouth	555	1.0	5.2	**3.4**	0.26	0.41	156	0.3	1.4	**0.7**	0.05	0.08	*C03-06*
Salivary glands	155	0.3	1.4	**0.9**	0.06	0.11	114	0.2	1.0	**0.6**	0.04	0.06	*C07-08*
Tonsil	294	0.5	2.8	**1.8**	0.15	0.22	42	0.1	0.4	**0.2**	0.02	0.02	*C09*
Other oropharynx	225	0.4	2.1	**1.4**	0.11	0.17	31	0.1	0.3	**0.1**	0.01	0.02	*C10*
Nasopharynx	105	0.2	1.0	**0.7**	0.05	0.08	43	0.1	0.4	**0.2**	0.01	0.02	*C11*
Hypopharynx	654	1.2	6.1	**3.9**	0.30	0.49	50	0.1	0.4	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	36	0.1	0.3	**0.2**	0.01	0.03	12	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	923	1.6	8.6	**5.3**	0.36	0.67	192	0.4	1.7	**0.7**	0.04	0.07	*C15*
Stomach	3376	6.0	31.6	**18.3**	0.85	2.17	2104	4.4	18.3	**7.6**	0.33	0.85	*C16*
Small intestine	121	0.2	1.1	**0.7**	0.04	0.08	92	0.2	0.8	**0.3**	0.02	0.04	*C17*
Colon	4276	7.6	40.0	**23.2**	1.08	2.80	3539	7.4	30.7	**13.6**	0.70	1.54	*C18*
Rectum	3823	6.8	35.8	**20.9**	1.06	2.59	2699	5.6	23.5	**10.7**	0.58	1.30	*C19-20*
Anus	41	0.1	0.4	**0.3**	0.01	0.03	73	0.2	0.6	**0.3**	0.02	0.03	*C21*
Liver	1376	2.5	12.9	**7.7**	0.40	0.91	753	1.6	6.5	**2.8**	0.12	0.31	*C22*
Gallbladder etc.	530	0.9	5.0	**2.8**	0.10	0.33	995	2.1	8.6	**3.4**	0.14	0.38	*C23-24*
Pancreas	1646	2.9	15.4	**9.2**	0.47	1.13	1488	3.1	12.9	**5.4**	0.25	0.63	*C25*
Nose, sinuses etc.	108	0.2	1.0	**0.6**	0.03	0.08	81	0.2	0.7	**0.3**	0.02	0.03	*C30-31*
Larynx	1831	3.3	17.1	**10.8**	0.80	1.36	157	0.3	1.4	**0.8**	0.05	0.09	*C32*
Trachea, bronchus and lung	11655	20.8	109.0	**65.1**	3.74	8.42	3247	6.8	28.2	**14.0**	0.90	1.69	*C33-34*
Other thoracic organs	62	0.1	0.6	**0.4**	0.02	0.04	34	0.1	0.3	**0.1**	0.01	0.02	*C37-38*
Bone	283	0.5	2.6	**2.3**	0.15	0.20	215	0.4	1.9	**1.6**	0.09	0.12	*C40-41*
Melanoma of skin	1220	2.2	11.4	**7.5**	0.49	0.82	1270	2.6	11.0	**6.7**	0.49	0.72	*C43*
Other skin	27		0.3	**0.2**	0.01	0.01	37		0.3	**0.1**	0.00	0.01	*C44*
Mesothelioma	258	0.5	2.4	**1.5**	0.10	0.20	56	0.1	0.5	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	27	0.0	0.3	**0.1**	0.01	0.02	5	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	355	0.6	3.3	**2.5**	0.15	0.26	318	0.7	2.8	**2.0**	0.13	0.18	*C47+C49*
Breast	131	0.2	1.2	**0.8**	0.04	0.08	11897	24.7	103.4	**59.4**	4.37	6.78	*C50*
Vulva							346	0.7	3.0	**1.2**	0.06	0.14	*C51*
Vagina							76	0.2	0.7	**0.3**	0.02	0.04	*C52*
Cervix uteri							1765	3.7	15.3	**10.6**	0.84	1.05	*C53*
Corpus uteri							2758	5.7	24.0	**12.6**	0.90	1.58	*C54*
Uterus unspecified							164	0.3	1.4	**0.6**	0.02	0.06	*C55*
Ovary							2358	4.9	20.5	**12.1**	0.87	1.32	*C56*
Other female genital organs							87	0.2	0.8	**0.4**	0.03	0.05	*C57*
Placenta							2	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	114	0.2	1.1	**0.7**	0.05	0.08							*C60*
Prostate	7585	13.5	71.0	**39.5**	1.28	4.84							*C61*
Testis	739	1.3	6.9	**6.6**	0.47	0.48							*C62*
Other male genital organs	18	0.0	0.2	**0.1**	0.00	0.01							*C63*
Kidney	1865	3.3	17.4	**11.3**	0.72	1.31	1142	2.4	9.9	**5.2**	0.33	0.61	*C64*
Renal pelvis	56	0.1	0.5	**0.3**	0.01	0.04	60	0.1	0.5	**0.2**	0.01	0.03	*C65*
Ureter	56	0.1	0.5	**0.3**	0.02	0.04	43	0.1	0.4	**0.1**	0.01	0.02	*C66*
Bladder	3338	6.0	31.2	**18.1**	0.84	2.18	1123	2.3	9.8	**4.4**	0.23	0.51	*C67*
Other urinary organs	20	0.0	0.2	**0.1**	0.01	0.01	17	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	79	0.1	0.7	**0.6**	0.03	0.06	76	0.2	0.7	**0.4**	0.02	0.04	*C69*
Brain, nervous system	1399	2.5	13.1	**9.5**	0.60	1.00	1341	2.8	11.7	**7.6**	0.49	0.76	*C70-72*
Thyroid	419	0.7	3.9	**2.8**	0.22	0.29	1713	3.6	14.9	**10.9**	0.89	1.09	*C73*
Adrenal gland	75	0.1	0.7	**0.6**	0.04	0.05	84	0.2	0.7	**0.6**	0.04	0.05	*C74*
Other endocrine	25	0.0	0.2	**0.2**	0.01	0.02	29	0.1	0.3	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	330	0.6	3.1	**2.7**	0.18	0.23	326	0.7	2.8	**2.6**	0.17	0.21	*C81*
Non-Hodgkin lymphoma	1088	1.9	10.2	**7.1**	0.42	0.73	1132	2.4	9.8	**5.8**	0.37	0.61	*C82-85,C96*
Immunoproliferative diseases	23	0.0	0.2	**0.1**	0.01	0.01	15	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	456	0.8	4.3	**2.5**	0.12	0.30	513	1.1	4.5	**2.1**	0.12	0.27	*C90*
Lymphoid leukaemia	728	1.3	6.8	**5.2**	0.25	0.46	545	1.1	4.7	**3.1**	0.16	0.29	*C91*
Myeloid leukaemia	520	0.9	4.9	**3.2**	0.16	0.34	455	0.9	4.0	**2.2**	0.13	0.22	*C92-94*
Leukaemia unspecified	3	0.0	0.0	**0.0**	0.00	0.00	6	0.0	0.1	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	2179	3.9	20.4	**12.4**	0.63	1.34	2010	4.2	17.5	**7.3**	0.33	0.75	*O&U*
All sites	56116		524.9	**321.7**	17.29	38.19	48118		418.1	**223.9**	14.52	24.89	*C00-96*
All sites except C44	56089	100.0	524.7	**321.5**	17.29	38.18	48081	100.0	417.8	**223.8**	14.52	24.88	*C00-96 exc. C44*

§Includes 441 cases of unknown age

§Includes 424 cases of unknown age

Cyprus

REGISTRATION AREA

The Cyprus Cancer Registry (CyCR) is a population-based registry that covers the residents of the government-controlled area of Cyprus, as well as non-residents who are treated for cancer at facilities operating within the area. The government-controlled area is divided into five districts. In 2005, the population of the area was 766 000.

CANCER CARE FACILITIES

General health care in Cyprus is provided by the Ministry of Health (through district hospitals – the primary health care centres) and through the private sector. The Bank of Cyprus Oncology Centre, a non-profit organization funded by the government, provides cancer patients with health care services including radiotherapy and chemotherapy.

REGISTRY STRUCTURE AND METHODS

The CyCR is funded by the Ministry of Health and the Middle East Cancer Consortium (MECC). Its main offices are located within the Ministry of Health. The registry is part of the ministry's Health Monitoring Unit and functions under the direction of the unit's coordinator. The Permanent Secretary of the Ministry of Health has administrative responsibility for the CyCR. The registry is staffed by three tumour registrars, all of whom have received training in the principles of cancer registration through courses organized by the MECC.

INTERPRETING THE RESULTS

The completeness and accuracy of the CyCR data have been evaluated by external experts from the MECC; the data quality was found to be very good, with a low rate of incomplete data. The registry is estimated to cover 92% of all cancer cases. The Ministry of Health introduced a national breast cancer screening programme in 2003 for women aged 50–69 years and a colorectal cancer screening programme in February 2013 for men and women aged 50–69 years.

USE OF THE DATA

CyCR data are used mainly for reporting incidence rates and conducting research. Registry data are increasingly being requested and used by many professionals for presentations, reports, and other scientific work, and often appear in the media. Cancer cluster investigations have been conducted using registry data in response to requests from about 20 local communities. The CyCR also prepares triennial reports, progress reports, and statistical reports for publication on the Ministry of Health's website.

CONTRIBUTORS

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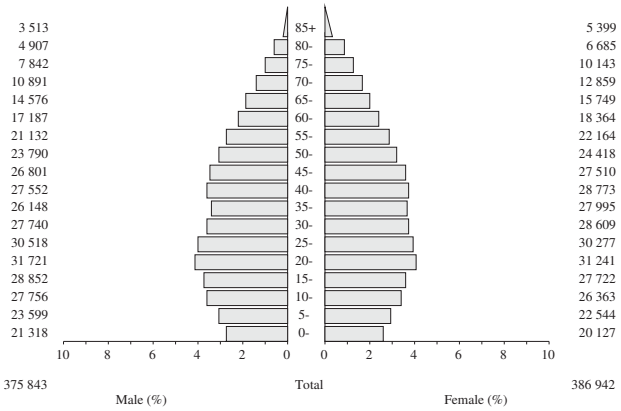
Cyprus (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Statistical Service of Cyprus, Ministry of Finance; based on census results updated annually to make allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	57.6	Breast	78.1
Trachea, bronchus and lung	26.0	Colon	14.7
Bladder	22.5	Thyroid	13.0
Colon	18.8	Corpus uteri	12.3
Non-Hodgkin lymphoma	11.6	Other and unspecified	8.3
Other and unspecified	10.4	Non-Hodgkin lymphoma	7.4
Rectum	8.1	Trachea, bronchus and lung	7.2
Stomach	7.5	Ovary	6.6
Testis	6.0	Rectum	5.3
Lymphoid leukaemia	5.8	Cervix uteri	4.6
All sites	236.6	All sites	205.8

Cyprus (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	25	0.4	1.3	**0.9**	0.04	0.09	4	0.1	0.2	**0.1**	0.01	0.01	*C00*
Tongue	23	0.4	1.2	**0.9**	0.05	0.12	12	0.2	0.6	**0.5**	0.04	0.06	*C01-02*
Mouth	23	0.4	1.2	**0.9**	0.08	0.11	11	0.2	0.6	**0.4**	0.03	0.05	*C03-06*
Salivary glands	14	0.2	0.7	**0.5**	0.03	0.05	9	0.2	0.5	**0.3**	0.02	0.02	*C07-08*
Tonsil	4	0.1	0.2	**0.2**	0.01	0.01	2	0.0	0.1	**0.1**	0.00	0.01	*C09*
Other oropharynx	3	0.0	0.2	**0.1**	0.01	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	11	0.2	0.6	**0.5**	0.04	0.05	3	0.1	0.2	**0.1**	0.01	0.02	*C11*
Hypopharynx	3	0.0	0.2	**0.1**	0.01	0.01	3	0.1	0.2	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	2	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	34	0.5	1.8	**1.3**	0.06	0.18	11	0.2	0.6	**0.4**	0.03	0.05	*C15*
Stomach	207	3.2	11.0	**7.5**	0.37	0.92	106	1.8	5.5	**3.5**	0.21	0.37	*C16*
Small intestine	7	0.1	0.4	**0.3**	0.02	0.02	6	0.1	0.3	**0.2**	0.02	0.02	*C17*
Colon	534	8.3	28.4	**18.8**	0.83	2.20	480	8.2	24.8	**14.7**	0.77	1.63	*C18*
Rectum	228	3.6	12.1	**8.1**	0.40	0.93	171	2.9	8.8	**5.3**	0.28	0.67	*C19-20*
Anus	8	0.1	0.4	**0.3**	0.02	0.04	14	0.2	0.7	**0.5**	0.03	0.08	*C21*
Liver	124	1.9	6.6	**4.1**	0.16	0.36	54	0.9	2.8	**1.4**	0.03	0.16	*C22*
Gallbladder etc.	54	0.8	2.9	**1.8**	0.07	0.18	55	0.9	2.8	**1.5**	0.06	0.16	*C23-24*
Pancreas	137	2.1	7.3	**5.0**	0.26	0.62	101	1.7	5.2	**2.8**	0.10	0.33	*C25*
Nose, sinuses etc.	6	0.1	0.3	**0.2**	0.02	0.02	4	0.1	0.2	**0.1**	0.01	0.01	*C30-31*
Larynx	89	1.4	4.7	**3.5**	0.21	0.46	10	0.2	0.5	**0.3**	0.02	0.05	*C32*
Trachea, bronchus and lung	726	11.3	38.6	**26.0**	1.17	3.30	212	3.6	11.0	**7.2**	0.40	0.91	*C33-34*
Other thoracic organs	19	0.3	1.0	**0.9**	0.06	0.08	7	0.1	0.4	**0.2**	0.02	0.03	*C37-38*
Bone	27	0.4	1.4	**1.4**	0.08	0.11	19	0.3	1.0	**0.9**	0.05	0.06	*C40-41*
Melanoma of skin	86	1.3	4.6	**3.4**	0.22	0.37	99	1.7	5.1	**3.6**	0.27	0.37	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	0		0.0	**0.0**	0.00	0.00	*C44*
Mesothelioma	30	0.5	1.6	**1.1**	0.05	0.14	11	0.2	0.6	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	9	0.1	0.5	**0.3**	0.01	0.03	4	0.1	0.2	**0.1**	0.01	0.02	*C46*
Connective and soft tissue	64	1.0	3.4	**2.8**	0.20	0.26	52	0.9	2.7	**2.1**	0.13	0.18	*C47+C49*
Breast	26	0.4	1.4	**1.0**	0.06	0.11	2116	36.4	109.4	**78.1**	5.83	8.93	*C50*
Vulva							39	0.7	2.0	**1.1**	0.04	0.11	*C51*
Vagina							3	0.1	0.2	**0.1**	0.00	0.00	*C52*
Cervix uteri							124	2.1	6.4	**4.6**	0.34	0.44	*C53*
Corpus uteri							354	6.1	18.3	**12.3**	0.79	1.63	*C54*
Uterus unspecified							27	0.5	1.4	**0.8**	0.04	0.07	*C55*
Ovary							179	3.1	9.3	**6.6**	0.48	0.77	*C56*
Other female genital organs							7	0.1	0.4	**0.3**	0.03	0.03	*C57*
Placenta							1	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	28	0.4	1.5	**1.1**	0.05	0.12							*C60*
Prostate	1662	25.9	88.4	**57.6**	1.97	7.35							*C61*
Testis	123	1.9	6.5	**6.0**	0.43	0.43							*C62*
Other male genital organs	1	0.0	0.1	**0.0**	0.00	0.00							*C63*
Kidney	121	1.9	6.4	**4.8**	0.25	0.56	61	1.0	3.2	**2.1**	0.12	0.25	*C64*
Renal pelvis	11	0.2	0.6	**0.4**	0.01	0.04	3	0.1	0.2	**0.1**	0.01	0.01	*C65*
Ureter	10	0.2	0.5	**0.4**	0.03	0.05	1	0.0	0.1	**0.0**	0.00	0.01	*C66*
Bladder	645	10.0	34.3	**22.5**	0.95	2.59	120	2.1	6.2	**3.5**	0.17	0.35	*C67*
Other urinary organs	11	0.2	0.6	**0.3**	0.01	0.03	3	0.1	0.2	**0.1**	0.01	0.01	*C68*
Eye	8	0.1	0.4	**0.4**	0.03	0.03	9	0.2	0.5	**0.3**	0.02	0.03	*C69*
Brain, nervous system	117	1.8	6.2	**5.2**	0.31	0.55	102	1.8	5.3	**3.9**	0.21	0.40	*C70-72*
Thyroid	90	1.4	4.8	**4.0**	0.28	0.38	301	5.2	15.6	**13.0**	1.02	1.16	*C73*
Adrenal gland	2	0.0	0.1	**0.2**	0.01	0.01	10	0.2	0.5	**0.7**	0.04	0.05	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	72	1.1	3.8	**3.7**	0.23	0.28	61	1.0	3.2	**3.1**	0.21	0.23	*C81*
Non-Hodgkin lymphoma	283	4.4	15.1	**11.6**	0.69	1.26	215	3.7	11.1	**7.4**	0.44	0.83	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.0**	0.00	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	103	1.6	5.5	**3.6**	0.16	0.43	91	1.6	4.7	**3.2**	0.23	0.39	*C90*
Lymphoid leukaemia	124	1.9	6.6	**5.8**	0.33	0.58	96	1.6	5.0	**4.5**	0.25	0.40	*C91*
Myeloid leukaemia	81	1.3	4.3	**3.5**	0.24	0.35	61	1.0	3.2	**2.5**	0.15	0.26	*C92-94*
Leukaemia unspecified	47	0.7	2.5	**1.5**	0.02	0.12	46	0.8	2.4	**1.2**	0.03	0.09	*C95*
Myeloproliferative disorders	14	0.2	0.7	**0.5**	0.04	0.07	17	0.3	0.9	**0.7**	0.06	0.08	*MPD*
Myelodysplastic syndromes	30	0.5	1.6	**1.0**	0.02	0.11	20	0.3	1.0	**0.5**	0.01	0.05	*MDS*
Other and unspecified	311	4.8	16.5	**10.4**	0.40	0.98	289	5.0	14.9	**8.3**	0.41	0.84	*O&U*
All sites	6418		341.5	**236.6**	11.01	27.12	5819		300.8	**205.8**	13.54	22.73	*C00-96*
All sites except C44	6418	100.0	341.5	**236.6**	11.01	27.12	5819	100.0	300.8	**205.8**	13.54	22.73	*C00-96 exc. C44*

§Includes 213 cases of unknown age

§Includes 74 cases of unknown age

Czech Republic

REGISTRATION AREA

The Czech National Cancer Registry (CNCR) covers the population of the entire Czech Republic. The population is relatively ethnically homogeneous, with only a small proportion of immigrants. The majority of the population is non-religious. There have been no significant changes in the registry's coverage.

CANCER CARE FACILITIES

The CNCR was instituted in 1977 and is now a key database component of the Czech National Cancer Control Programme (started in 2003), which centralizes cancer care in a regionally distributed network of 21 comprehensive cancer care centres, ensuring the availability and coordination of cancer care for all patients. The Czech Republic has a system of mandatory health insurance, which fully covers cancer diagnosis and treatment.

REGISTRY STRUCTURE AND METHODS

The registration of all newly diagnosed malignant tumours is mandated by national legislation. The CNCR also stores personal identification information for the purposes of data validation and linkage. The registry is part of the National Health Information System (NHIS) and is administered by the Institute of Health Information and Statistics (IHIS) of the Czech Republic. The transfer of personal and other data to the NHIS is regulated by the Czech Act on Personal Data Protection. Regional CNCR centres compile and validate reports from health care providers. The IHIS then performs data checks and linkages with the national mortality database. Within the IHIS, the CNCR Council serves as an advisory board and expert panel, ensuring the high quality of the registry's data. The members of the council include representatives of the IHIS, regional CNCR centres, the Ministry of Health, and the Czech Society for Oncology.

INTERPRETING THE RESULTS

The increasing incidence and prevalence of malignant neoplasms in the Czech Republic is associated with many factors, especially with the ageing of the population and developments in cancer care. A breast cancer screening programme was started in 2002; this has both increased the incidence of breast cancer diagnosis and resulted in earlier detection of the disease.

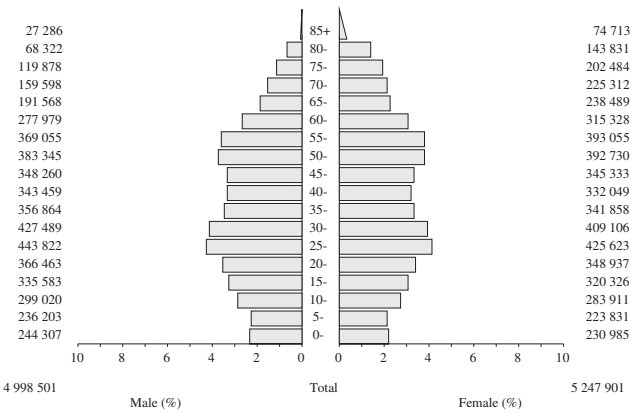
USE OF THE DATA

The IHIS publishes a standard annual report on cancer incidence in the Czech Republic, which is available from http://www.uzis.cz/. CNCR data are also used for research projects by the Czech Society for Oncology, and in some international projects. Aggregated outputs from the CNCR are available to the public through the System for Visualization of Oncology Data (SVOD) web portal at http://www.svod.cz/.

CONTRIBUTOR

Jiri Holub

Czech Republic (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Czech Statistical Office, whose annual estimates include migrants with a long-term residence permit and all resident citizens of the European Union.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	78.4	Breast	64.6
Trachea, bronchus and lung	58.7	Non-melanoma skin cancer	58.4
Prostate	56.5	Corpus uteri	18.2
Colon	31.1	Colon	17.2
Rectum	25.9	Trachea, bronchus and lung	15.7
Kidney	22.1	Cervix uteri	13.7
Bladder	19.8	Ovary	12.5
Stomach	12.2	Rectum	11.3
Melanoma of skin	11.7	Melanoma of skin	10.5
Pancreas	11.6	Kidney	9.9
All sites	420.1	All sites	307.8

Czech Republic (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	265	0.2	1.1	**0.7**	0.03	0.08	153	0.1	0.6	**0.2**	0.01	0.02	*C00*
Tongue	964	0.7	3.9	**2.6**	0.22	0.30	291	0.2	1.1	**0.6**	0.05	0.07	*C01-02*
Mouth	968	0.7	3.9	**2.6**	0.23	0.30	307	0.3	1.2	**0.7**	0.05	0.07	*C03-06*
Salivary glands	335	0.3	1.3	**0.9**	0.05	0.10	280	0.2	1.1	**0.6**	0.03	0.06	*C07-08*
Tonsil	969	0.7	3.9	**2.6**	0.22	0.31	275	0.2	1.0	**0.6**	0.05	0.07	*C09*
Other oropharynx	358	0.3	1.4	**1.0**	0.08	0.11	67	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	187	0.1	0.7	**0.5**	0.04	0.06	78	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	560	0.4	2.2	**1.5**	0.13	0.18	74	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	66	0.0	0.3	**0.2**	0.01	0.02	13	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	2035	1.5	8.1	**5.3**	0.36	0.64	417	0.3	1.6	**0.8**	0.05	0.08	*C15*
Stomach	4956	3.7	19.8	**12.2**	0.55	1.40	3487	2.9	13.3	**6.0**	0.29	0.63	*C16*
Small intestine	370	0.3	1.5	**0.9**	0.05	0.11	304	0.3	1.2	**0.6**	0.04	0.07	*C17*
Colon	12644	9.4	50.6	**31.1**	1.33	3.75	9844	8.2	37.5	**17.2**	0.82	2.00	*C18*
Rectum	10295	7.7	41.2	**25.9**	1.38	3.23	6176	5.1	23.5	**11.3**	0.59	1.34	*C19-20*
Anus	192	0.1	0.8	**0.5**	0.03	0.05	348	0.3	1.3	**0.7**	0.05	0.08	*C21*
Liver	2711	2.0	10.8	**6.8**	0.35	0.82	1567	1.3	6.0	**2.7**	0.12	0.31	*C22*
Gallbladder etc.	1671	1.2	6.7	**4.1**	0.16	0.46	3250	2.7	12.4	**5.2**	0.22	0.59	*C23-24*
Pancreas	4632	3.5	18.5	**11.6**	0.61	1.41	4478	3.7	17.1	**7.5**	0.35	0.87	*C25*
Nose, sinuses etc.	192	0.1	0.8	**0.5**	0.03	0.06	143	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	2449	1.8	9.8	**6.4**	0.49	0.79	228	0.2	0.9	**0.5**	0.04	0.06	*C32*
Trachea, bronchus and lung	23320	17.4	93.3	**58.7**	3.24	7.67	8120	6.7	30.9	**15.7**	0.96	1.95	*C33-34*
Other thoracic organs	270	0.2	1.1	**0.7**	0.04	0.09	197	0.2	0.8	**0.5**	0.03	0.05	*C37-38*
Bone	307	0.2	1.2	**1.0**	0.07	0.09	250	0.2	1.0	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	4437	3.3	17.8	**11.7**	0.70	1.34	4397	3.6	16.8	**10.5**	0.76	1.11	*C43*
Other skin	32110		128.5	**78.4**	3.16	8.78	32115		122.4	**58.4**	3.04	6.58	*C44*
Mesothelioma	189	0.1	0.8	**0.5**	0.03	0.06	109	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	35	0.0	0.1	**0.1**	0.00	0.01	18	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	749	0.6	3.0	**2.2**	0.12	0.22	670	0.6	2.6	**1.7**	0.11	0.16	*C47+C49*
Breast	215	0.2	0.9	**0.5**	0.03	0.07	29297	24.3	111.7	**64.6**	4.61	7.49	*C50*
Vulva							1000	0.8	3.8	**1.8**	0.09	0.20	*C51*
Vagina							247	0.2	0.9	**0.5**	0.03	0.05	*C52*
Cervix uteri							5129	4.2	19.5	**13.7**	1.08	1.37	*C53*
Corpus uteri							8772	7.3	33.4	**18.2**	1.23	2.30	*C54*
Uterus unspecified							251	0.2	1.0	**0.4**	0.02	0.05	*C55*
Ovary							5722	4.7	21.8	**12.5**	0.87	1.44	*C56*
Other female genital organs							376	0.3	1.4	**0.7**	0.04	0.07	*C57*
Placenta							19	0.0	0.1	**0.1**	0.00	0.01	*C58*
Penis	403	0.3	1.6	**1.0**	0.06	0.12							*C60*
Prostate	23266	17.4	93.1	**56.5**	2.02	7.23							*C61*
Testis	2227	1.7	8.9	**7.5**	0.57	0.58							*C62*
Other male genital organs	72	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	8523	6.4	34.1	**22.1**	1.30	2.71	5036	4.2	19.2	**9.9**	0.54	1.21	*C64*
Renal pelvis	351	0.3	1.4	**0.9**	0.04	0.11	325	0.3	1.2	**0.6**	0.03	0.07	*C65*
Ureter	157	0.1	0.6	**0.4**	0.02	0.05	101	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	8094	6.0	32.4	**19.8**	0.87	2.43	2963	2.5	11.3	**5.4**	0.28	0.67	*C67*
Other urinary organs	45	0.0	0.2	**0.1**	0.00	0.01	32	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	219	0.2	0.9	**0.7**	0.03	0.07	247	0.2	0.9	**0.6**	0.03	0.06	*C69*
Brain, nervous system	2047	1.5	8.2	**6.2**	0.40	0.64	1837	1.5	7.0	**4.6**	0.30	0.48	*C70-72*
Thyroid	766	0.6	3.1	**2.2**	0.15	0.23	3054	2.5	11.6	**8.2**	0.63	0.83	*C73*
Adrenal gland	82	0.1	0.3	**0.2**	0.01	0.02	100	0.1	0.4	**0.3**	0.02	0.03	*C74*
Other endocrine	36	0.0	0.1	**0.1**	0.01	0.01	21	0.0	0.1	**0.0**	0.00	0.01	*C75*
Hodgkin lymphoma	710	0.5	2.8	**2.4**	0.16	0.20	622	0.5	2.4	**2.1**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	2814	2.1	11.3	**7.5**	0.42	0.84	2763	2.3	10.5	**5.7**	0.34	0.64	*C82-85,C96*
Immunoproliferative diseases	38	0.0	0.2	**0.1**	0.00	0.01	35	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	996	0.7	4.0	**2.5**	0.13	0.30	964	0.8	3.7	**1.8**	0.09	0.23	*C90*
Lymphoid leukaemia	1755	1.3	7.0	**5.2**	0.25	0.54	1162	1.0	4.4	**3.0**	0.15	0.28	*C91*
Myeloid leukaemia	976	0.7	3.9	**2.7**	0.13	0.28	949	0.8	3.6	**2.1**	0.12	0.22	*C92-94*
Leukaemia unspecified	86	0.1	0.3	**0.2**	0.01	0.02	73	0.1	0.3	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	1	0.0	0.0	**0.0**	0.00	0.00	4	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	3835	2.9	15.3	**9.7**	0.42	1.04	4097	3.4	15.6	**6.7**	0.27	0.68	*O&U*
All sites	165951		664.0	**420.1**	20.80	49.98	152854		582.5	**307.8**	18.71	34.98	*C00-96*
All sites except C44	133841	100.0	535.5	**341.7**	17.64	41.21	120739	100.0	460.1	**249.4**	15.67	28.40	*C00-96 exc. C44*

Denmark

REGISTRATION AREA
The Danish Cancer Registry covers the Kingdom of Denmark (excluding Greenland and the Faroe Islands), an area of 43 080 km^2. In 2005, the population was 5.4 million.

CANCER CARE FACILITIES
Free health care is provided to all residents. Cancer surgery is performed at general hospitals and oncology centres, and 23 pathology laboratories service the hospital departments. Non-surgical cancer treatment is partially centralized at five university hospitals with radiotherapy and oncology expertise. National cancer control plans were formulated in 2000, 2005, and 2008. The 2005 plan included integrated pathways for cancer diagnosis, which were implemented in 2008–2009.

REGISTRY STRUCTURE AND METHODS
The registry began systematic data collection in 1943, and registration has been mandated by administrative order since 1987. The registry was run by the Danish Cancer Society until 1997, when it was transferred to the National Board of Health. In 2004, paper notification was replaced by electronic notification through the Danish National Patient Register, and linked with the Danish Pathology Register and the Danish Register of Causes of Death (Gjerstorff, 2011). The registry is staffed by employees filling two full-time equivalent positions. Data validity is ensured by daily manual quality control routines, automated data checks, and the use of multiple notifications from different data sources. Before the use of electronic notification, the data were 95–97% complete (Storm et al., 1997) and are now considered to be more complete. Additional information is obtained from other registries through linkage. The registry adopted ICD-O-3 coding in 2004, and registrations from 1978–2003 have also been converted to ICD-O-3. Registration of TNM stage is mandatory.

INTERPRETING THE RESULTS
Organized mammography screening was initiated in two regions (covering 20% of the population) in 1991 and nationwide in 2007. Prostate-specific antigen (PSA) testing is not promoted in asymptomatic men.

USE OF THE DATA
Registry data are used extensively for research and can be accessed and tabulated from the NORDCAN database (http://www.ancr.nu/), which includes annual data since 1943.

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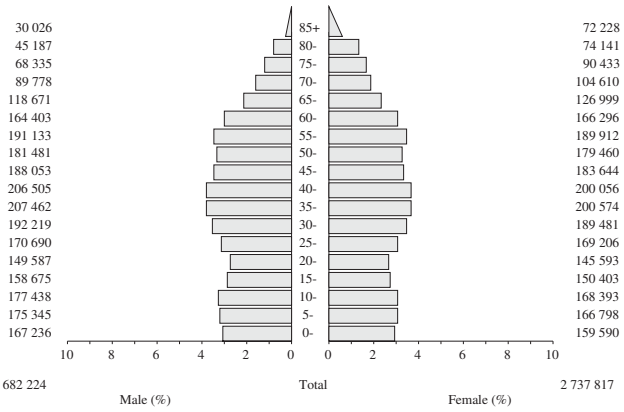
Denmark (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on data from the population register maintained by Statistics Denmark.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	69.0	Breast	86.1
Trachea, bronchus and lung	45.0	Trachea, bronchus and lung	35.2
Bladder	26.2	Colon	20.2
Colon	24.2	Melanoma of skin	18.7
Rectum	17.7	Other and unspecified	14.1
Other and unspecified	15.6	Corpus uteri	12.8
Melanoma of skin	14.4	Ovary	11.4
Non-melanoma skin cancer	14.2	Cervix uteri	10.4
Non-Hodgkin lymphoma	11.6	Rectum	10.3
Testis	10.1	Non-Hodgkin lymphoma	8.1
All sites	338.6	All sites	300.4

Denmark (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	191	0.3	1.4	**0.8**	0.04	0.10	87	0.1	0.6	**0.3**	0.01	0.03	*C00*
Tongue	412	0.5	3.1	**2.0**	0.16	0.24	233	0.3	1.7	**0.9**	0.06	0.11	*C01-02*
Mouth	660	0.9	4.9	**3.1**	0.23	0.38	404	0.6	3.0	**1.6**	0.11	0.17	*C03-06*
Salivary glands	133	0.2	1.0	**0.6**	0.03	0.06	129	0.2	0.9	**0.5**	0.03	0.06	*C07-08*
Tonsil	489	0.7	3.6	**2.4**	0.20	0.28	177	0.2	1.3	**0.8**	0.07	0.10	*C09*
Other oropharynx	189	0.3	1.4	**0.9**	0.07	0.12	75	0.1	0.5	**0.3**	0.03	0.04	*C10*
Nasopharynx	81	0.1	0.6	**0.4**	0.03	0.04	33	0.0	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	323	0.4	2.4	**1.5**	0.12	0.19	80	0.1	0.6	**0.4**	0.03	0.05	*C12-13*
Pharynx unspecified	11	0.0	0.1	**0.1**	0.00	0.01	6	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	1403	1.9	10.5	**6.0**	0.33	0.72	606	0.8	4.4	**2.1**	0.11	0.25	*C15*
Stomach	1751	2.3	13.1	**7.5**	0.38	0.89	974	1.3	7.1	**3.5**	0.17	0.40	*C16*
Small intestine	205	0.3	1.5	**0.9**	0.05	0.11	211	0.3	1.5	**0.8**	0.05	0.09	*C17*
Colon	5984	8.0	44.6	**24.2**	0.96	2.89	6379	8.7	46.6	**20.2**	0.89	2.36	*C18*
Rectum	4205	5.6	31.4	**17.7**	0.84	2.19	2962	4.1	21.6	**10.3**	0.54	1.24	*C19-20*
Anus	157	0.2	1.2	**0.7**	0.05	0.08	332	0.5	2.4	**1.4**	0.10	0.16	*C21*
Liver	947	1.3	7.1	**4.1**	0.21	0.51	434	0.6	3.2	**1.6**	0.08	0.17	*C22*
Gallbladder etc.	370	0.5	2.8	**1.6**	0.07	0.19	501	0.7	3.7	**1.6**	0.06	0.20	*C23-24*
Pancreas	2112	2.8	15.7	**8.8**	0.45	1.08	2163	3.0	15.8	**7.3**	0.35	0.90	*C25*
Nose, sinuses etc.	220	0.3	1.6	**1.0**	0.06	0.11	146	0.2	1.1	**0.6**	0.03	0.07	*C30-31*
Larynx	1030	1.4	7.7	**4.7**	0.29	0.60	232	0.3	1.7	**1.0**	0.06	0.12	*C32*
Trachea, bronchus and lung	10822	14.4	80.7	**45.0**	1.99	5.75	9252	12.7	67.6	**35.2**	1.91	4.64	*C33-34*
Other thoracic organs	92	0.1	0.7	**0.4**	0.02	0.04	91	0.1	0.7	**0.4**	0.02	0.04	*C37-38*
Bone	128	0.2	1.0	**0.9**	0.06	0.07	104	0.1	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	2959	3.9	22.1	**14.4**	0.95	1.55	3687	5.0	26.9	**18.7**	1.38	1.83	*C43*
Other skin	3811		28.4	**14.2**	0.40	1.44	2800		20.5	**7.7**	0.30	0.78	*C44*
Mesothelioma	416	0.6	3.1	**1.8**	0.10	0.23	82	0.1	0.6	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	21	0.0	0.2	**0.1**	0.01	0.01	4	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	581	0.8	4.3	**3.0**	0.18	0.30	542	0.7	4.0	**2.6**	0.18	0.26	*C47+C49*
Breast	121	0.2	0.9	**0.5**	0.03	0.06	20003	27.4	146.1	**86.1**	6.22	9.98	*C50*
Vulva							471	0.6	3.4	**1.7**	0.10	0.18	*C51*
Vagina							122	0.2	0.9	**0.4**	0.02	0.04	*C52*
Cervix uteri							1936	2.6	14.1	**10.4**	0.77	0.98	*C53*
Corpus uteri							3290	4.5	24.0	**12.8**	0.81	1.63	*C54*
Uterus unspecified							110	0.2	0.8	**0.4**	0.03	0.05	*C55*
Ovary							2746	3.8	20.1	**11.4**	0.75	1.36	*C56*
Other female genital organs							161	0.2	1.2	**0.6**	0.04	0.07	*C57*
Placenta							8	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	234	0.3	1.7	**1.0**	0.06	0.11							*C60*
Prostate	17315	23.0	129.1	**69.0**	2.32	8.87							*C61*
Testis	1456	1.9	10.9	**10.1**	0.76	0.79							*C62*
Other male genital organs	27	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	1863	2.5	13.9	**8.4**	0.51	1.04	1076	1.5	7.9	**4.1**	0.22	0.49	*C64*
Renal pelvis	185	0.2	1.4	**0.8**	0.04	0.10	159	0.2	1.2	**0.5**	0.02	0.08	*C65*
Ureter	75	0.1	0.6	**0.3**	0.01	0.04	36	0.0	0.3	**0.1**	0.01	0.01	*C66*
†Bladder	6464	8.6	48.2	**26.2**	1.04	3.19	2246	3.1	16.4	**7.7**	0.35	0.97	*C67*
Other urinary organs	18	0.0	0.1	**0.1**	0.00	0.01	12	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	227	0.3	1.7	**1.3**	0.08	0.12	215	0.3	1.6	**1.0**	0.06	0.10	*C69*
Brain, nervous system	1286	1.7	9.6	**6.7**	0.44	0.72	972	1.3	7.1	**4.7**	0.31	0.49	*C70-72*
Thyroid	243	0.3	1.8	**1.3**	0.09	0.13	633	0.9	4.6	**3.5**	0.26	0.32	*C73*
Adrenal gland	57	0.1	0.4	**0.5**	0.03	0.03	52	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	54	0.1	0.4	**0.3**	0.02	0.03	40	0.1	0.3	**0.2**	0.02	0.02	*C75*
Hodgkin lymphoma	384	0.5	2.9	**2.5**	0.18	0.21	282	0.4	2.1	**1.9**	0.13	0.15	*C81*
Non-Hodgkin lymphoma	2523	3.4	18.8	**11.6**	0.69	1.30	2069	2.8	15.1	**8.1**	0.50	0.93	*C82-85,C96*
Immunoproliferative diseases	27	0.0	0.2	**0.1**	0.00	0.01	8	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	855	1.1	6.4	**3.6**	0.17	0.43	658	0.9	4.8	**2.3**	0.12	0.27	*C90*
Lymphoid leukaemia	1199	1.6	8.9	**6.1**	0.31	0.61	822	1.1	6.0	**3.9**	0.19	0.37	*C91*
Myeloid leukaemia	806	1.1	6.0	**3.9**	0.19	0.39	628	0.9	4.6	**2.9**	0.17	0.29	*C92-94*
Leukaemia unspecified	18	0.0	0.1	**0.1**	0.01	0.01	19	0.0	0.1	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	3821	5.1	28.5	**15.6**	0.65	1.74	4371	6.0	31.9	**14.1**	0.68	1.55	*O&U*
All sites	78961		588.8	**338.6**	15.93	40.13	75871		554.2	**300.4**	18.47	34.59	*C00-96*
All sites except C44	75150	100.0	560.4	**324.4**	15.53	38.70	73071	100.0	533.8	**292.7**	18.17	33.81	*C00-96 exc. C44*

† See note following population pyramid

Estonia

REGISTRATION AREA
The Estonian Cancer Registry covers the population of Estonia. In 2005, the mean annual population was 1.3 million; 68% were Estonians and 26% were Russians, and 67% of residents lived in urban areas.

CANCER CARE FACILITIES
The Estonian health system is based on a mandatory, solidarity-based insurance system that covers 95% of the population. Cancer patients are mostly referred to two specialized hospitals, which provide radiotherapy, surgery, and chemotherapy. Increasingly, some aspects of cancer care are provided by general hospitals and other specialized departments (such as neurosurgery, haematology, and paediatric oncology departments). A National Cancer Control Plan was implemented in 2007.

REGISTRY STRUCTURE AND METHODS
The registry was founded in 1978, and reliable incidence data are available beginning from 1968. The registry is state-funded, through the Ministry of Social Affairs, and has operated as a subunit of the National Institute for Health Development since 2009. The registry is staffed by four employees: a director, a data analyst, and two coding clerks. Cancer reporting is mandated in Estonia by a decree issued by the Minister of Social Affairs. In 2011, the new Public Health Act came into force and cancer reporting became mandatory by law. The registry receives notifications from treating physicians and pathology and haematology laboratories, and the registry staff members code and input the data. The registry receives death certificate data and performs trace-back procedures for cases first notified by a death certificate. From 2001 to 2011, access to death certificates was denied for legal reasons, but the registry regained access in 2011 when the new legal basis for health registries was adopted. Since 2000, the registry has performed regular linkage with the Estonian Population Register. The quality of the registry's data has not been formally evaluated, but a study that partially covered the subject was published in 2003.

INTERPRETING THE RESULTS
Nationwide organized screening was implemented for breast cancer in 2003 and for cervical cancer in 2006. Prostate-specific antigen (PSA) testing is widely used.

USE OF THE DATA
The registry routinely publishes cancer incidence statistics. Registry data have been used for several descriptive and analytical epidemiological studies, including international comparisons.

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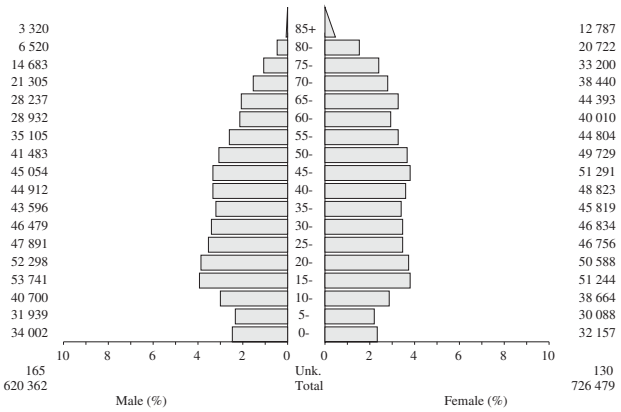
Estonia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by Statistics Estonia, based on the 2000 census, making allowance for births and deaths but not migration.

NOTES ON THE DATA
*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	69.5	Breast	48.9
Trachea, bronchus and lung	55.8	Non-melanoma skin cancer	29.6
Non-melanoma skin cancer	30.7	Cervix uteri	16.2
Stomach	23.0	Corpus uteri	14.1
Colon	18.5	Colon	13.7
Kidney	16.0	Ovary	11.7
Bladder	15.7	Stomach	11.7
Rectum	14.9	Trachea, bronchus and lung	8.9
Pancreas	10.3	Rectum	7.9
Other and unspecified	8.6	Melanoma of skin	7.5
All sites	340.6	All sites	229.4

*Estonia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	65	0.4	2.1	**1.3**	0.05	0.17	32	0.2	0.9	**0.3**	0.01	0.03	*C00*
Tongue	117	0.8	3.8	**2.7**	0.21	0.36	44	0.3	1.2	**0.6**	0.04	0.07	*C01-02*
Mouth	102	0.7	3.3	**2.3**	0.18	0.28	47	0.3	1.3	**0.7**	0.05	0.08	*C03-06*
Salivary glands	31	0.2	1.0	**0.7**	0.05	0.08	41	0.3	1.1	**0.7**	0.05	0.07	*C07-08*
Tonsil	28	0.2	0.9	**0.7**	0.06	0.08	8	0.1	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	70	0.5	2.3	**1.6**	0.13	0.20	10	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	20	0.1	0.6	**0.5**	0.04	0.06	4	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	90	0.6	2.9	**2.1**	0.16	0.26	2	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	6	0.0	0.2	**0.2**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	226	1.6	7.3	**5.1**	0.37	0.62	54	0.4	1.5	**0.6**	0.03	0.07	*C15*
Stomach	1075	7.4	34.7	**23.0**	1.21	2.82	942	6.8	25.9	**11.7**	0.63	1.38	*C16*
Small intestine	22	0.2	0.7	**0.5**	0.04	0.06	30	0.2	0.8	**0.4**	0.02	0.05	*C17*
Colon	903	6.2	29.1	**18.5**	0.78	2.31	1196	8.7	32.9	**13.7**	0.67	1.65	*C18*
Rectum	718	5.0	23.1	**14.9**	0.69	1.87	667	4.8	18.4	**7.9**	0.42	0.92	*C19-20*
Anus	17	0.1	0.5	**0.4**	0.03	0.05	48	0.3	1.3	**0.6**	0.03	0.07	*C21*
Liver	171	1.2	5.5	**3.7**	0.18	0.43	143	1.0	3.9	**1.8**	0.11	0.19	*C22*
Gallbladder etc.	78	0.5	2.5	**1.7**	0.08	0.20	137	1.0	3.8	**1.4**	0.05	0.17	*C23-24*
Pancreas	474	3.3	15.3	**10.3**	0.59	1.28	456	3.3	12.6	**5.2**	0.25	0.61	*C25*
Nose, sinuses etc.	42	0.3	1.4	**1.0**	0.08	0.11	18	0.1	0.5	**0.2**	0.01	0.02	*C30-31*
Larynx	290	2.0	9.3	**6.5**	0.45	0.85	25	0.2	0.7	**0.4**	0.03	0.05	*C32*
Trachea, bronchus and lung	2643	18.2	85.2	**55.8**	2.92	7.40	700	5.1	19.3	**8.9**	0.55	1.08	*C33-34*
Other thoracic organs	27	0.2	0.9	**0.7**	0.05	0.07	15	0.1	0.4	**0.2**	0.02	0.02	*C37-38*
Bone	43	0.3	1.4	**1.2**	0.08	0.13	20	0.1	0.6	**0.4**	0.03	0.04	*C40-41*
Melanoma of skin	246	1.7	7.9	**5.5**	0.33	0.62	462	3.3	12.7	**7.5**	0.52	0.80	*C43*
Other skin	1485		47.9	**30.7**	1.30	3.50	2468		67.9	**29.6**	1.58	3.39	*C44*
Mesothelioma	12	0.1	0.4	**0.3**	0.02	0.04	9	0.1	0.2	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	4	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	62	0.4	2.0	**1.6**	0.09	0.17	102	0.7	2.8	**1.8**	0.11	0.18	*C47+C49*
Breast	18	0.1	0.6	**0.4**	0.01	0.05	3045	22.0	83.8	**48.9**	3.77	5.49	*C50*
Vulva							132	1.0	3.6	**1.4**	0.05	0.15	*C51*
Vagina							29	0.2	0.8	**0.4**	0.02	0.04	*C52*
Cervix uteri							829	6.0	22.8	**16.2**	1.31	1.59	*C53*
Corpus uteri							965	7.0	26.6	**14.1**	1.01	1.73	*C54*
Uterus unspecified							3	0.0	0.1	**0.0**	0.00	0.00	*C55*
Ovary							760	5.5	20.9	**11.7**	0.82	1.34	*C56*
Other female genital organs							39	0.3	1.1	**0.7**	0.06	0.07	*C57*
Placenta							3	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	44	0.3	1.4	**1.0**	0.06	0.11							*C60*
Prostate	3454	23.8	111.4	**69.5**	2.56	9.08							*C61*
Testis	97	0.7	3.1	**2.8**	0.21	0.21							*C62*
Other male genital organs	3	0.0	0.1	**0.1**	0.00	0.00							*C63*
Kidney	728	5.0	23.5	**16.0**	0.99	1.96	505	3.7	13.9	**6.9**	0.41	0.82	*C64*
Renal pelvis	27	0.2	0.9	**0.6**	0.04	0.06	28	0.2	0.8	**0.3**	0.02	0.05	*C65*
Ureter	17	0.1	0.5	**0.4**	0.02	0.05	10	0.1	0.3	**0.1**	0.01	0.01	*C66*
Bladder	763	5.3	24.6	**15.7**	0.71	1.91	261	1.9	7.2	**2.9**	0.13	0.31	*C67*
Other urinary organs	2	0.0	0.1	**0.0**	0.00	0.00	7	0.1	0.2	**0.1**	0.01	0.01	*C68*
Eye	17	0.1	0.5	**0.4**	0.03	0.05	16	0.1	0.4	**0.3**	0.02	0.03	*C69*
Brain, nervous system	227	1.6	7.3	**5.9**	0.41	0.62	197	1.4	5.4	**4.0**	0.29	0.40	*C70-72*
Thyroid	64	0.4	2.1	**1.5**	0.09	0.15	307	2.2	8.5	**5.5**	0.40	0.57	*C73*
Adrenal gland	19	0.1	0.6	**0.4**	0.02	0.05	12	0.1	0.3	**0.2**	0.01	0.02	*C74*
Other endocrine	4	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	88	0.6	2.8	**2.5**	0.17	0.20	78	0.6	2.1	**2.0**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	317	2.2	10.2	**7.1**	0.41	0.78	330	2.4	9.1	**4.3**	0.21	0.49	*C82-85,C96*
Immunoproliferative diseases	5	0.0	0.2	**0.1**	0.00	0.01	4	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	134	0.9	4.3	**2.9**	0.17	0.35	151	1.1	4.2	**1.9**	0.12	0.23	*C90*
Lymphoid leukaemia	231	1.6	7.4	**5.3**	0.25	0.59	211	1.5	5.8	**3.1**	0.14	0.30	*C91*
Myeloid leukaemia	178	1.2	5.7	**3.8**	0.19	0.41	204	1.5	5.6	**3.0**	0.16	0.29	*C92-94*
Leukaemia unspecified	5	0.0	0.2	**0.1**	0.01	0.01	4	0.0	0.1	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	67	0.5	2.2	**1.4**	0.08	0.17	113	0.8	3.1	**1.5**	0.08	0.17	*MPD*
Myelodysplastic syndromes	20	0.1	0.6	**0.4**	0.01	0.04	18	0.1	0.5	**0.2**	0.00	0.02	*MDS*
Other and unspecified	394	2.7	12.7	**8.6**	0.50	1.10	337	2.4	9.3	**4.3**	0.25	0.46	*O&U*
All sites	15986		515.4	**340.6**	17.12	41.99	16285		448.3	**229.4**	14.67	25.77	*C00-96*
All sites except C44	14501	100.0	467.5	**309.9**	15.82	38.49	13817	100.0	380.4	**199.7**	13.10	22.39	*C00-96 exc. C44*

*See note following population pyramid

Finland

REGISTRATION AREA

The Finnish Cancer Registry covers all of Finland, which is bordered to the north by Norway, to the east by the Russian Federation, to the west by Sweden and the Gulf of Bothnia, and to the south by the Gulf of Finland. The average altitude is 150 m. Finland is located within the coniferous forest zone and has 33 615 km^2 of inland water. In 2005, the population of Finland was 5.2 million. The life expectancy at birth is 76.7 years for males and 83.2 years for females.

CANCER CARE FACILITIES

Finland is divided into 22 health care districts, five of which have university teaching hospitals. Cancer diagnosis and treatment is only partly centralized; cancer surgery is provided in all major hospitals and many smaller clinics. Eleven hospitals have a radiotherapy unit.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1952 as an initiative of the Cancer Society of Finland. Data on newly diagnosed cancer cases have been collected since 1953. The principal sources of information on cancer cases are physicians, hospitals, pathology laboratories, and death certificates from Statistics Finland. Cancer reporting has been mandatory since 1961. When necessary, the registry sends requests to notifiers to ensure the accuracy of information about patient identity, primary site, and date of diagnosis. Coding is performed or supervised by a physician. Case identification is based on the personal identification number used in Finland since 1967. This also enables accurate follow-up of cancer patients for death through official sources. In addition to continuous quality control procedures, formal evaluations are also carried out.

INTERPRETING THE RESULTS

Nationwide screening programmes for breast, cervical, and colorectal cancers are coordinated, monitored, and evaluated by the Mass Screening Registry, which is part of the Finnish Cancer Registry. Opportunistic prostate-specific antigen (PSA) testing is very common.

USE OF THE DATA

The registry produces routine statistics and data for planning and health education purposes. It is also actively engaged in research on cancer epidemiology, biometrics, and cancer patient survival. The registry provides material for clinical research and pathology studies, and follow-up data on cancer patients.

CONTRIBUTORS

Nea Malila
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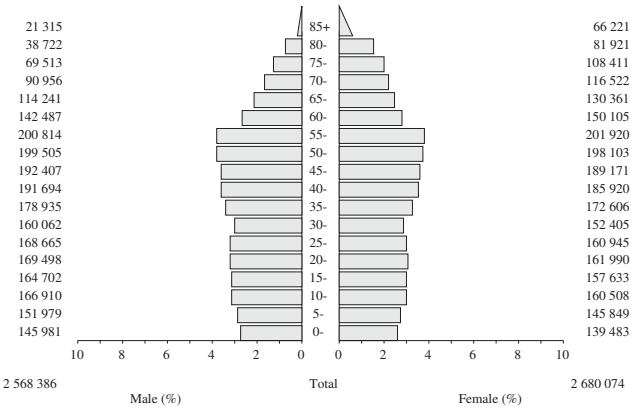
Finland (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from Statistics Finland; a census count of the population is maintained on a continuous basis by the Finnish Population Register Centre.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	102.2	Breast	83.2
Non-melanoma skin cancer	62.3	Non-melanoma skin cancer	55.4
Trachea, bronchus and lung	34.4	Corpus uteri	14.8
Colon	15.6	Colon	12.5
Bladder	14.2	Trachea, bronchus and lung	10.8
Non-Hodgkin lymphoma	12.1	Ovary	9.6
Rectum	11.5	Non-Hodgkin lymphoma	9.0
Melanoma of skin	10.6	Melanoma of skin	8.8
Pancreas	10.0	Pancreas	7.4
Kidney	9.4	Thyroid	7.3
All sites	354.6	All sites	281.9

Finland (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	302	0.5	2.4	**1.3**	0.04	0.14	161	0.3	1.2	**0.4**	0.01	0.03	*C00*
Tongue	292	0.4	2.3	**1.4**	0.10	0.16	280	0.5	2.1	**1.1**	0.07	0.12	*C01-02*
Mouth	317	0.5	2.5	**1.5**	0.10	0.19	272	0.5	2.0	**0.9**	0.06	0.11	*C03-06*
Salivary glands	155	0.2	1.2	**0.8**	0.05	0.09	168	0.3	1.3	**0.7**	0.05	0.07	*C07-08*
Tonsil	166	0.3	1.3	**0.8**	0.07	0.10	65	0.1	0.5	**0.3**	0.02	0.03	*C09*
Other oropharynx	38	0.1	0.3	**0.2**	0.01	0.02	11	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	47	0.1	0.4	**0.2**	0.02	0.03	29	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	102	0.2	0.8	**0.5**	0.04	0.06	22	0.0	0.2	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	7	0.0	0.1	**0.0**	0.00	0.00	4	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	773	1.2	6.0	**3.5**	0.22	0.44	402	0.7	3.0	**1.1**	0.05	0.12	*C15*
Stomach	1990	3.1	15.5	**8.6**	0.41	0.97	1588	2.7	11.9	**5.0**	0.26	0.55	*C16*
Small intestine	238	0.4	1.9	**1.1**	0.07	0.13	205	0.3	1.5	**0.8**	0.05	0.09	*C17*
Colon	3551	5.5	27.7	**15.6**	0.68	1.80	3911	6.7	29.2	**12.5**	0.64	1.37	*C18*
Rectum	2616	4.0	20.4	**11.5**	0.57	1.41	2058	3.5	15.4	**6.9**	0.39	0.82	*C19-20*
Anus	65	0.1	0.5	**0.3**	0.02	0.03	115	0.2	0.9	**0.4**	0.03	0.05	*C21*
Liver	1192	1.8	9.3	**5.2**	0.23	0.59	701	1.2	5.2	**2.1**	0.09	0.22	*C22*
Gallbladder etc.	444	0.7	3.5	**1.9**	0.07	0.21	777	1.3	5.8	**2.2**	0.09	0.23	*C23-24*
Pancreas	2271	3.5	17.7	**10.0**	0.48	1.20	2541	4.3	19.0	**7.4**	0.32	0.83	*C25*
Nose, sinuses etc.	118	0.2	0.9	**0.6**	0.03	0.06	76	0.1	0.6	**0.3**	0.02	0.03	*C30-31*
Larynx	517	0.8	4.0	**2.4**	0.16	0.30	61	0.1	0.5	**0.2**	0.02	0.03	*C32*
Trachea, bronchus and lung	8126	12.5	63.3	**34.4**	1.44	4.13	3250	5.5	24.3	**10.8**	0.61	1.30	*C33-34*
Other thoracic organs	87	0.1	0.7	**0.4**	0.02	0.04	64	0.1	0.5	**0.2**	0.01	0.02	*C37-38*
Bone	121	0.2	0.9	**0.7**	0.05	0.06	94	0.2	0.7	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	2162	3.3	16.8	**10.6**	0.68	1.17	2019	3.4	15.1	**8.8**	0.61	0.93	*C43*
Other skin	14415		112.2	**62.3**	2.63	6.93	17388		129.8	**55.4**	2.81	6.15	*C44*
Mesothelioma	341	0.5	2.7	**1.5**	0.08	0.21	99	0.2	0.7	**0.3**	0.01	0.04	*C45*
Kaposi sarcoma	42	0.1	0.3	**0.2**	0.01	0.01	34	0.1	0.3	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	467	0.7	3.6	**2.7**	0.15	0.26	433	0.7	3.2	**2.0**	0.13	0.19	*C47+C49*
Breast	88	0.1	0.7	**0.4**	0.02	0.05	19109	32.6	142.6	**83.2**	6.44	9.50	*C50*
Vulva							376	0.6	2.8	**1.2**	0.06	0.13	*C51*
Vagina							97	0.2	0.7	**0.3**	0.02	0.03	*C52*
Cervix uteri							776	1.3	5.8	**3.9**	0.29	0.37	*C53*
Corpus uteri							3912	6.7	29.2	**14.8**	0.93	1.91	*C54*
Uterus unspecified							31	0.1	0.2	**0.1**	0.00	0.00	*C55*
Ovary							2387	4.1	17.8	**9.6**	0.65	1.12	*C56*
Other female genital organs							293	0.5	2.2	**1.0**	0.06	0.13	*C57*
Placenta							3	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	119	0.2	0.9	**0.6**	0.04	0.06							*C60*
Prostate	23663	36.5	184.3	**102.2**	4.34	13.11							*C61*
Testis	578	0.9	4.5	**4.5**	0.32	0.33							*C62*
Other male genital organs	17	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	2023	3.1	15.8	**9.4**	0.53	1.11	1663	2.8	12.4	**5.8**	0.32	0.66	*C64*
Renal pelvis	109	0.2	0.8	**0.5**	0.02	0.05	90	0.2	0.7	**0.2**	0.01	0.02	*C65*
Ureter	57	0.1	0.4	**0.2**	0.01	0.02	42	0.1	0.3	**0.1**	0.00	0.02	*C66*
†Bladder	3358	5.2	26.1	**14.2**	0.55	1.58	1015	1.7	7.6	**2.9**	0.11	0.31	*C67*
Other urinary organs	50	0.1	0.4	**0.2**	0.01	0.02	34	0.1	0.3	**0.1**	0.00	0.01	*C68*
Eye	118	0.2	0.9	**0.7**	0.04	0.07	146	0.2	1.1	**0.7**	0.04	0.06	*C69*
Brain, nervous system	962	1.5	7.5	**5.5**	0.35	0.54	872	1.5	6.5	**4.3**	0.27	0.41	*C70-72*
Thyroid	439	0.7	3.4	**2.4**	0.17	0.24	1344	2.3	10.0	**7.3**	0.57	0.71	*C73*
Adrenal gland	58	0.1	0.5	**0.5**	0.02	0.03	46	0.1	0.3	**0.4**	0.02	0.03	*C74*
Other endocrine	14	0.0	0.1	**0.1**	0.01	0.01	17	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	365	0.6	2.8	**2.6**	0.18	0.21	282	0.5	2.1	**2.2**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	2512	3.9	19.6	**12.1**	0.68	1.32	2465	4.2	18.4	**9.0**	0.52	1.02	*C82-85,C96*
Immunoproliferative diseases	39	0.1	0.3	**0.2**	0.01	0.02	37	0.1	0.3	**0.1**	0.01	0.01	*C88*
Multiple myeloma	778	1.2	6.1	**3.3**	0.15	0.37	748	1.3	5.6	**2.3**	0.11	0.27	*C90*
Lymphoid leukaemia	902	1.4	7.0	**5.2**	0.26	0.48	632	1.1	4.7	**3.3**	0.18	0.27	*C91*
Myeloid leukaemia	562	0.9	4.4	**2.7**	0.13	0.26	534	0.9	4.0	**2.2**	0.12	0.21	*C92-94*
Leukaemia unspecified	90	0.1	0.7	**0.5**	0.02	0.04	89	0.2	0.7	**0.4**	0.02	0.03	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1462	2.3	11.4	**6.2**	0.24	0.66	2103	3.6	15.7	**5.5**	0.21	0.54	*O&U*
All sites	79325		617.7	**354.6**	16.53	41.32	75971		566.9	**281.9**	17.51	31.37	*C00-96*
All sites except C44	64910	100.0	505.5	**292.3**	13.90	34.39	58583	100.0	437.2	**226.6**	14.70	25.22	*C00-96 exc. C44*

† See note following population pyramid

France, Bas-Rhin

REGISTRATION AREA

The Bas-Rhin Cancer Registry covers the population of the department of Bas-Rhin, which is located in the northern half of the Alsace region of France, on the west side of the Rhine River (which serves as a natural border with Germany). The department has a total area of 4758 km^2 and a maximum altitude of 1100 m (in the foothills of the Vosges Mountains). The population density of Bas-Rhin is 217 residents/km^2, and 44% of residents live in the urban district of Strasbourg, the regional capital. In 2005, the life expectancy in Bas-Rhin was 77 years for males and 83 years for females. Approximately 66% of the economically active population works in the service sector, 25% in industry (mainly the mechanical and electrical construction industries and the food industry), and 2% in agriculture. Bas-Rhin is a relatively wealthy department; incomes are high, as is consumer spending – notably on food.

CANCER CARE FACILITIES

Bas-Rhin residents have a high level of access to medical care, with 440 hospital beds per 100 000 residents. There are 1900 general practitioners and 2200 specialists registered in the department. The Alsace regional comprehensive cancer centre is located in Strasbourg, as is the regional university hospital.

REGISTRY STRUCTURE AND METHODS

Cancer registration is active; doctors from the registry regularly visit the many data sources to distribute an epidemiological questionnaire and establish lists of new cases. These lists are then compared with hospital discharge data, pathology records, and medical insurance data to ensure complete registration and eliminate errors (particularly duplicate registrations). Cancers discovered on autopsy are also registered.

INTERPRETING THE RESULTS

An organized screening programme for breast cancer was introduced in 1989 (initially among women aged 50–65 years, and later extended to include women aged up to 75 years). An organized screening programme for cervical cancer was started in 1994 (among women aged 25–65 years).

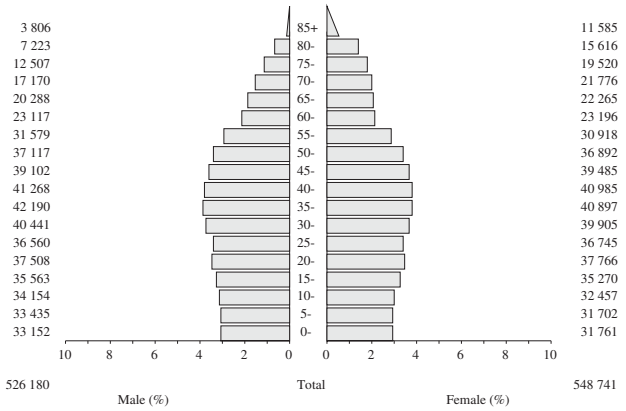
USE OF THE DATA

The data are regularly analysed and published on the registry's website and are used by the local health agency for planning purposes. They are also used for national estimates of cancer incidence, prevalence, and survival in France, within the framework of a collaboration between the Institute for Public Health Surveillance, the National Cancer Institute, and the French network of cancer registries (FRANCIM).

CONTRIBUTORS

Michel Velten
Florence Binder-Foucard

France, Bas-Rhin (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the French National Institute of Statistics and Economic Studies (INSEE; http://www.insee.fr/).

NOTES ON THE DATA

*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	132.1	Breast	100.2
Trachea, bronchus and lung	53.2	Colon	15.2
Colon	25.4	Corpus uteri	14.8
Rectum	17.1	Trachea, bronchus and lung	14.5
Kidney	15.3	Melanoma of skin	10.6
Bladder	13.9	Ovary	8.8
Liver	13.6	Rectum	8.4
Melanoma of skin	12.9	Thyroid	7.3
Non-Hodgkin lymphoma	10.3	Non-Hodgkin lymphoma	6.9
Other and unspecified	9.4	Kidney	6.7
All sites	414.6	All sites	256.9

*France, Bas-Rhin (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	7	0.0	0.3	**0.2**	0.01	0.02	3	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	126	0.8	4.8	**3.4**	0.24	0.44	42	0.4	1.5	**0.9**	0.07	0.10	*C01-02*
Mouth	209	1.3	7.9	**5.6**	0.43	0.68	54	0.5	2.0	**1.3**	0.10	0.15	*C03-06*
Salivary glands	28	0.2	1.1	**0.7**	0.04	0.07	19	0.2	0.7	**0.4**	0.02	0.05	*C07-08*
Tonsil	94	0.6	3.6	**2.6**	0.20	0.32	27	0.2	1.0	**0.7**	0.05	0.08	*C09*
Other oropharynx	107	0.7	4.1	**3.0**	0.20	0.39	20	0.2	0.7	**0.5**	0.04	0.06	*C10*
Nasopharynx	21	0.1	0.8	**0.6**	0.03	0.07	6	0.1	0.2	**0.2**	0.01	0.01	*C11*
Hypopharynx	211	1.3	8.0	**5.5**	0.37	0.73	14	0.1	0.5	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	52	0.3	2.0	**1.4**	0.10	0.19	6	0.1	0.2	**0.2**	0.02	0.02	*C14*
Oesophagus	336	2.1	12.8	**8.6**	0.50	1.15	71	0.6	2.6	**1.6**	0.11	0.20	*C15*
Stomach	338	2.1	12.8	**8.3**	0.39	1.02	232	2.0	8.5	**3.9**	0.18	0.41	*C16*
Small intestine	58	0.4	2.2	**1.4**	0.07	0.18	45	0.4	1.6	**0.9**	0.06	0.11	*C17*
Colon	1070	6.6	40.7	**25.4**	1.11	2.95	895	7.5	32.6	**15.2**	0.72	1.70	*C18*
Rectum	686	4.2	26.1	**17.1**	0.87	2.09	447	3.8	16.3	**8.4**	0.52	0.94	*C19-20*
Anus	12	0.1	0.5	**0.3**	0.02	0.04	35	0.3	1.3	**0.7**	0.05	0.07	*C21*
Liver	547	3.4	20.8	**13.6**	0.65	1.75	133	1.1	4.8	**2.5**	0.13	0.29	*C22*
Gallbladder etc.	75	0.5	2.9	**1.8**	0.05	0.22	107	0.9	3.9	**1.4**	0.04	0.15	*C23-24*
Pancreas	374	2.3	14.2	**9.4**	0.50	1.16	329	2.8	12.0	**5.3**	0.23	0.61	*C25*
Nose, sinuses etc.	51	0.3	1.9	**1.3**	0.08	0.16	22	0.2	0.8	**0.5**	0.02	0.05	*C30-31*
Larynx	224	1.4	8.5	**5.8**	0.39	0.72	27	0.2	1.0	**0.7**	0.06	0.08	*C32*
Trachea, bronchus and lung	2098	12.9	79.7	**53.2**	2.97	6.53	670	5.6	24.4	**14.5**	1.01	1.75	*C33-34*
Other thoracic organs	28	0.2	1.1	**0.8**	0.05	0.08	14	0.1	0.5	**0.3**	0.02	0.04	*C37-38*
Bone	28	0.2	1.1	**1.1**	0.07	0.09	20	0.2	0.7	**0.6**	0.03	0.06	*C40-41*
Melanoma of skin	480	2.9	18.2	**12.9**	0.78	1.42	438	3.7	16.0	**10.6**	0.76	1.08	*C43*
Other skin	2		0.1	**0.1**	0.01	0.01	1		0.0	**0.0**	0.00	0.00	*C44*
Mesothelioma	32	0.2	1.2	**0.7**	0.03	0.07	13	0.1	0.5	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	3	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	96	0.6	3.6	**2.9**	0.17	0.26	66	0.6	2.4	**1.8**	0.11	0.15	*C47+C49*
Breast	28	0.2	1.1	**0.7**	0.04	0.10	4182	35.2	152.4	**100.2**	7.45	11.79	*C50*
Vulva							84	0.7	3.1	**1.3**	0.05	0.12	*C51*
Vagina							15	0.1	0.5	**0.3**	0.02	0.02	*C52*
Cervix uteri							240	2.0	8.7	**6.0**	0.44	0.59	*C53*
Corpus uteri							671	5.7	24.5	**14.8**	0.95	1.98	*C54*
Uterus unspecified							17	0.1	0.6	**0.4**	0.03	0.04	*C55*
Ovary							389	3.3	14.2	**8.8**	0.59	1.06	*C56*
Other female genital organs							23	0.2	0.8	**0.5**	0.03	0.07	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	42	0.3	1.6	**1.0**	0.04	0.09							*C60*
Prostate	5317	32.6	202.1	**132.1**	5.85	17.85							*C61*
Testis	252	1.5	9.6	**8.4**	0.62	0.67							*C62*
Other male genital organs	3	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	589	3.6	22.4	**15.3**	0.88	1.88	316	2.7	11.5	**6.7**	0.37	0.81	*C64*
Renal pelvis	35	0.2	1.3	**0.9**	0.04	0.11	21	0.2	0.8	**0.3**	0.02	0.03	*C65*
Ureter	23	0.1	0.9	**0.6**	0.04	0.07	9	0.1	0.3	**0.1**	0.00	0.01	*C66*
Bladder	591	3.6	22.5	**13.9**	0.54	1.57	142	1.2	5.2	**2.0**	0.08	0.19	*C67*
Other urinary organs	16	0.1	0.6	**0.3**	0.01	0.03	2	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	24	0.1	0.9	**0.6**	0.03	0.08	26	0.2	0.9	**0.7**	0.04	0.07	*C69*
Brain, nervous system	209	1.3	7.9	**6.2**	0.39	0.70	176	1.5	6.4	**4.7**	0.32	0.45	*C70-72*
Thyroid	89	0.5	3.4	**2.6**	0.21	0.27	255	2.1	9.3	**7.3**	0.58	0.71	*C73*
Adrenal gland	8	0.0	0.3	**0.3**	0.02	0.02	10	0.1	0.4	**0.3**	0.03	0.03	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	88	0.5	3.3	**2.8**	0.20	0.26	72	0.6	2.6	**2.4**	0.16	0.17	*C81*
Non-Hodgkin lymphoma	396	2.4	15.1	**10.3**	0.55	1.16	354	3.0	12.9	**6.9**	0.38	0.79	*C82-85,C96*
Immunoproliferative diseases	26	0.2	1.0	**0.6**	0.02	0.07	26	0.2	0.9	**0.5**	0.02	0.06	*C88*
Multiple myeloma	193	1.2	7.3	**4.7**	0.21	0.57	177	1.5	6.5	**3.1**	0.18	0.36	*C90*
Lymphoid leukaemia	186	1.1	7.1	**5.6**	0.29	0.55	141	1.2	5.1	**3.6**	0.17	0.32	*C91*
Myeloid leukaemia	185	1.1	7.0	**5.0**	0.26	0.47	131	1.1	4.8	**2.6**	0.13	0.26	*C92-94*
Leukaemia unspecified	6	0.0	0.2	**0.2**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	97	0.6	3.7	**2.6**	0.15	0.30	101	0.9	3.7	**1.8**	0.08	0.22	*MPD*
Myelodysplastic syndromes	119	0.7	4.5	**2.5**	0.05	0.24	105	0.9	3.8	**1.6**	0.07	0.16	*MDS*
Other and unspecified	400	2.5	15.2	**9.4**	0.37	1.09	426	3.6	15.5	**6.2**	0.24	0.61	*O&U*
All sites	16317		620.2	**414.6**	21.17	51.00	11871		432.7	**256.9**	16.83	29.16	*C00-96*
All sites except C44	16315	100.0	620.1	**414.5**	21.16	51.00	11870	100.0	432.6	**256.9**	16.83	29.16	*C00-96 exc. C44*

*See note following population pyramid

France, Calvados

REGISTRATION AREA
The department of Calvados is in the Lower Normandy region of north-western France. Its area of 5548 km^2 is divided into 579 rural and 127 urban communes. The population is 678 000.

CANCER CARE FACILITIES
Calvados has a university hospital, a regional comprehensive cancer centre, 12 public or private general hospitals (two with radiotherapy facilities), and five pathology laboratories.

REGISTRY STRUCTURE AND METHODS
Calvados is covered by three cancer registries: the Calvados General Cancer Registry, the Calvados Digestive Cancer Registry, and the Lower Normandy Hemopathy Registry. All are supported by the National Cancer Institute, the Institute for Public Health Surveillance (part of the Ministry of Health), and Caen University. They are part of the French network of cancer registries (FRANCIM). Registration has been continuous since 1978, and the databases are declared to the National Commission on Information Technology and Civil Liberties. Registration is active; information is taken directly from medical and pathology records in Calvados and neighbouring areas. The registries link the data from all sources to ensure completeness and prevent duplicate registration. TNM stage and treatment are routinely coded by the digestive cancer registry. Follow-up information is collected regularly.

INTERPRETING THE RESULTS
An organized screening programme for breast cancer began in 1996, and for colorectal cancer in 2004.

USE OF THE DATA
Registry data are used to analyse incidence and trends; to evaluate screening programmes and treatments; and to study socioeconomic and geographical determinants of incidence, survival, and quality of life.

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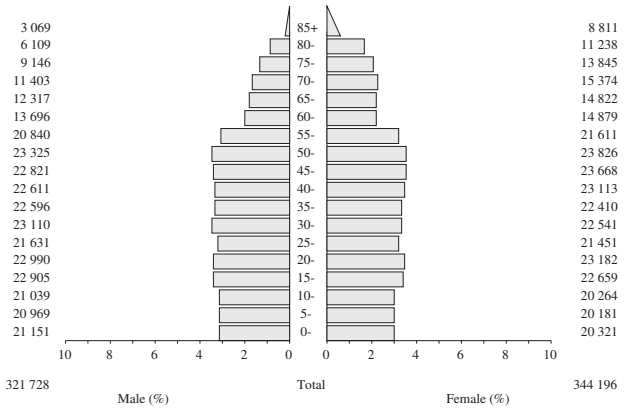
France, Calvados (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on data from the French National Institute of Statistics and Economic Studies (INSEE; http://www.insee.fr/).

NOTES ON THE DATA
*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	110.3	Breast	97.0
Trachea, bronchus and lung	57.1	Trachea, bronchus and lung	12.7
Colon	20.4	Colon	12.3
Bladder	17.9	Corpus uteri	11.5
Rectum	16.4	Thyroid	10.9
Liver	14.7	Ovary	9.2
Kidney	12.3	Melanoma of skin	8.4
Oesophagus	10.8	Rectum	7.3
Non-Hodgkin lymphoma	10.3	Non-Hodgkin lymphoma	7.2
Pancreas	9.6	Cervix uteri	7.0
All sites	393.2	All sites	246.8

*France, Calvados (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	20	0.2	1.2	**0.8**	0.04	0.09	5	0.1	0.3	**0.1**	0.00	0.01	*C00*
Tongue	93	0.9	5.8	**4.1**	0.31	0.47	33	0.4	1.9	**1.4**	0.12	0.14	*C01-02*
Mouth	131	1.3	8.1	**5.8**	0.51	0.65	42	0.6	2.4	**1.3**	0.09	0.13	*C03-06*
Salivary glands	11	0.1	0.7	**0.4**	0.01	0.04	17	0.2	1.0	**0.6**	0.04	0.05	*C07-08*
Tonsil	75	0.7	4.7	**3.1**	0.27	0.38	15	0.2	0.9	**0.7**	0.06	0.08	*C09*
Other oropharynx	110	1.1	6.8	**4.9**	0.42	0.57	13	0.2	0.8	**0.5**	0.04	0.06	*C10*
Nasopharynx	15	0.1	0.9	**0.8**	0.05	0.08	6	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	179	1.8	11.1	**7.8**	0.65	0.97	11	0.1	0.6	**0.4**	0.03	0.03	*C12-13*
Pharynx unspecified	8	0.1	0.5	**0.4**	0.04	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	280	2.7	17.4	**10.8**	0.76	1.29	54	0.7	3.1	**1.5**	0.10	0.16	*C15*
Stomach	252	2.5	15.7	**8.4**	0.30	0.96	137	1.8	8.0	**3.1**	0.14	0.29	*C16*
Small intestine	30	0.3	1.9	**1.1**	0.04	0.13	22	0.3	1.3	**0.7**	0.05	0.09	*C17*
Colon	585	5.7	36.4	**20.4**	0.93	2.37	515	6.9	29.9	**12.3**	0.60	1.35	*C18*
Rectum	439	4.3	27.3	**16.4**	0.83	1.97	274	3.6	15.9	**7.3**	0.40	0.86	*C19-20*
Anus	19	0.2	1.2	**0.8**	0.05	0.08	40	0.5	2.3	**1.2**	0.10	0.13	*C21*
Liver	404	4.0	25.1	**14.7**	0.73	1.90	103	1.4	6.0	**2.7**	0.14	0.33	*C22*
Gallbladder etc.	71	0.7	4.4	**2.6**	0.13	0.27	66	0.9	3.8	**1.3**	0.04	0.13	*C23-24*
Pancreas	260	2.6	16.2	**9.6**	0.47	1.23	224	3.0	13.0	**5.7**	0.32	0.65	*C25*
Nose, sinuses etc.	28	0.3	1.7	**1.1**	0.05	0.14	11	0.1	0.6	**0.4**	0.04	0.04	*C30-31*
Larynx	160	1.6	9.9	**6.6**	0.51	0.82	21	0.3	1.2	**0.7**	0.04	0.07	*C32*
Trachea, bronchus and lung	1459	14.3	90.7	**57.1**	3.71	6.90	370	4.9	21.5	**12.7**	0.94	1.46	*C33-34*
Other thoracic organs	25	0.2	1.6	**1.1**	0.06	0.12	10	0.1	0.6	**0.3**	0.01	0.03	*C37-38*
Bone	20	0.2	1.2	**1.1**	0.09	0.10	12	0.2	0.7	**0.5**	0.04	0.05	*C40-41*
Melanoma of skin	149	1.5	9.3	**6.1**	0.39	0.67	238	3.2	13.8	**8.4**	0.63	0.91	*C43*
Other skin	1		0.1	**0.1**	0.01	0.01	0		0.0	**0.0**	0.00	0.00	*C44*
Mesothelioma	44	0.4	2.7	**1.7**	0.09	0.23	19	0.3	1.1	**0.5**	0.02	0.08	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	44	0.4	2.7	**2.2**	0.10	0.22	47	0.6	2.7	**2.0**	0.12	0.16	*C47+C49*
Breast	19	0.2	1.2	**0.7**	0.03	0.08	2611	34.8	151.7	**97.0**	7.47	11.13	*C50*
Vulva							26	0.3	1.5	**0.7**	0.02	0.08	*C51*
Vagina							12	0.2	0.7	**0.4**	0.03	0.05	*C52*
Cervix uteri							175	2.3	10.2	**7.0**	0.54	0.67	*C53*
Corpus uteri							379	5.0	22.0	**11.5**	0.64	1.54	*C54*
Uterus unspecified							7	0.1	0.4	**0.1**	0.00	0.01	*C55*
Ovary							272	3.6	15.8	**9.2**	0.67	1.04	*C56*
Other female genital organs							17	0.2	1.0	**0.5**	0.04	0.06	*C57*
Placenta							1	0.0	0.1	**0.0**	0.00	0.00	*C58*
Penis	22	0.2	1.4	**0.7**	0.03	0.08							*C60*
Prostate	2911	28.6	181.0	**110.3**	4.97	15.33							*C61*
Testis	109	1.1	6.8	**6.2**	0.47	0.49							*C62*
Other male genital organs	5	0.0	0.3	**0.2**	0.02	0.03							*C63*
Kidney	302	3.0	18.8	**12.3**	0.81	1.50	168	2.2	9.8	**5.2**	0.31	0.57	*C64*
Renal pelvis	26	0.3	1.6	**1.0**	0.06	0.13	10	0.1	0.6	**0.2**	0.00	0.02	*C65*
Ureter	21	0.2	1.3	**0.7**	0.02	0.09	9	0.1	0.5	**0.2**	0.00	0.03	*C66*
Bladder	495	4.9	30.8	**17.9**	0.91	2.06	129	1.7	7.5	**2.6**	0.09	0.24	*C67*
Other urinary organs	10	0.1	0.6	**0.4**	0.03	0.04	6	0.1	0.3	**0.2**	0.01	0.02	*C68*
Eye	14	0.1	0.9	**0.7**	0.06	0.06	14	0.2	0.8	**0.5**	0.03	0.06	*C69*
Brain, nervous system	122	1.2	7.6	**5.5**	0.38	0.56	104	1.4	6.0	**4.1**	0.28	0.46	*C70-72*
Thyroid	61	0.6	3.8	**2.9**	0.22	0.31	237	3.2	13.8	**10.9**	0.89	1.06	*C73*
Adrenal gland	5	0.0	0.3	**0.3**	0.03	0.03	5	0.1	0.3	**0.2**	0.01	0.03	*C74*
Other endocrine	4	0.0	0.2	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	45	0.4	2.8	**2.4**	0.15	0.21	42	0.6	2.4	**2.4**	0.16	0.17	*C81*
Non-Hodgkin lymphoma	263	2.6	16.3	**10.3**	0.57	1.00	240	3.2	13.9	**7.2**	0.43	0.76	*C82-85,C96*
Immunoproliferative diseases	29	0.3	1.8	**1.0**	0.03	0.12	13	0.2	0.8	**0.3**	0.01	0.05	*C88*
Multiple myeloma	114	1.1	7.1	**4.0**	0.19	0.44	108	1.4	6.3	**2.9**	0.17	0.35	*C90*
Lymphoid leukaemia	153	1.5	9.5	**6.0**	0.27	0.63	125	1.7	7.3	**4.3**	0.20	0.42	*C91*
Myeloid leukaemia	102	1.0	6.3	**3.9**	0.21	0.43	82	1.1	4.8	**2.5**	0.12	0.23	*C92-94*
Leukaemia unspecified	9	0.1	0.6	**0.4**	0.02	0.03	12	0.2	0.7	**0.4**	0.01	0.03	*C95*
Myeloproliferative disorders	77	0.8	4.8	**3.0**	0.16	0.35	89	1.2	5.2	**2.6**	0.18	0.30	*MPD*
Myelodysplastic syndromes	140	1.4	8.7	**4.3**	0.11	0.40	124	1.7	7.2	**2.4**	0.06	0.20	*MDS*
Other and unspecified	218	2.1	13.6	**8.0**	0.41	0.84	186	2.5	10.8	**4.7**	0.24	0.50	*O&U*
All sites	10188		633.3	**393.2**	21.71	47.98	7508		436.3	**246.8**	16.80	27.42	*C00-96*
All sites except C44	10187	100.0	633.3	**393.1**	21.70	47.97	7508	100.0	436.3	**246.8**	16.80	27.42	*C00-96 exc. C44*

*See note following population pyramid

France, Doubs

REGISTRATION AREA

The Doubs Cancer Registry covers the population of the department of Doubs, which is located in the Franche-Comté region of eastern France and has a total area of 5234 km^2. In 2007, the population was 520 000, with 348 000 residents living in urban areas and 172 000 in rural areas.

CANCER CARE FACILITIES

The number of specialists and general practitioners per 100 000 residents is slightly higher in Doubs (352) than the national average (341). The department has five public hospitals (including one university hospital) and four private health care facilities, but no specialized cancer centres. There are two radiotherapy units: one in the university hospital of Besançon and one in the general hospital in the north of the department.

REGISTRY STRUCTURE AND METHODS

The registry began in 1976. It is a general population-based registry, based in the university hospital of Franche-Comté. Registration activities are funded mainly by the Institute for Public Health Surveillance (part of the Ministry of Health) and the university hospital of Besançon. The registry is staffed by nine people (eight full-time equivalents), who carry out registration and research activities. The main data sources are the regional pathology and cytology laboratories, medical information systems in public and private care facilities, and health insurance notifications. Cancer registration is active; registry staff members visit the data sources and collect information from electronic medical records. The registry follows the confidentiality rules of the National Commission on Information Technology and Civil Liberties.

INTERPRETING THE RESULTS

Organized screening for cervical cancer was introduced in 1993 for women aged 25–65 years, but the programme was discontinued in 2005. Organized screening for breast cancer (among women aged 50–74 years) started in 2003.

USE OF THE DATA

The registry publishes basic descriptive statistics, conducts studies with local clinicians and epidemiologists, and collaborates with other registries in the French network of cancer registries (FRANCIM) and the EUROCARE network. Registry data are used in estimates of the incidence and prevalence of cancer in France, and in survival and evaluation-of-care studies of diagnostic and therapeutic regimes for cancer at selected sites.

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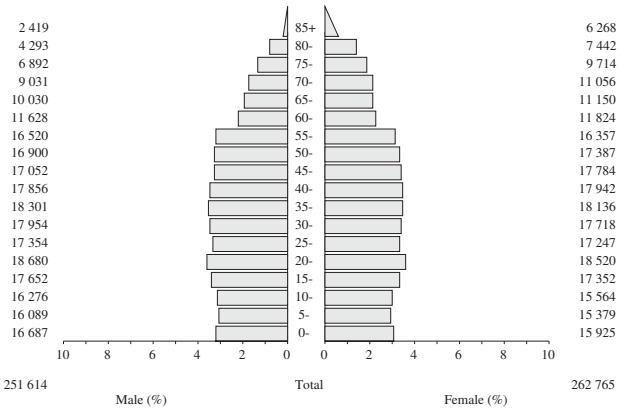
France, Doubs (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the French National Institute of Statistics and Economic Studies (INSEE; http://www.insee.fr/).

NOTES ON THE DATA

*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	130.7	Breast	92.7
Trachea, bronchus and lung	53.7	Colon	14.5
Colon	21.7	Trachea, bronchus and lung	12.4
Bladder	15.1	Melanoma of skin	11.0
Rectum	14.7	Ovary	10.7
Kidney	11.9	Corpus uteri	10.6
Non-Hodgkin lymphoma	10.7	Thyroid	10.0
Liver	10.2	Cervix uteri	9.6
Melanoma of skin	9.9	Non-Hodgkin lymphoma	8.8
Stomach	8.2	Rectum	7.4
All sites	391.1	All sites	247.9

*France, Doubs (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	9	0.1	0.7	**0.5**	0.02	0.06	1	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	72	0.9	5.7	**4.0**	0.32	0.47	11	0.2	0.8	**0.5**	0.04	0.06	*C01-02*
Mouth	76	1.0	6.0	**3.9**	0.31	0.46	22	0.4	1.7	**1.1**	0.06	0.13	*C03-06*
Salivary glands	21	0.3	1.7	**1.2**	0.06	0.11	15	0.3	1.1	**0.7**	0.04	0.09	*C07-08*
Tonsil	63	0.8	5.0	**3.5**	0.28	0.43	12	0.2	0.9	**0.5**	0.04	0.04	*C09*
Other oropharynx	45	0.6	3.6	**2.4**	0.21	0.27	8	0.1	0.6	**0.4**	0.04	0.04	*C10*
Nasopharynx	14	0.2	1.1	**0.8**	0.06	0.09	4	0.1	0.3	**0.1**	0.01	0.01	*C11*
Hypopharynx	78	1.0	6.2	**4.1**	0.26	0.56	8	0.1	0.6	**0.4**	0.04	0.06	*C12-13*
Pharynx unspecified	14	0.2	1.1	**0.7**	0.06	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	135	1.7	10.7	**6.7**	0.38	0.85	26	0.5	2.0	**1.1**	0.07	0.14	*C15*
Stomach	179	2.2	14.2	**8.2**	0.37	0.96	92	1.7	7.0	**3.2**	0.17	0.34	*C16*
Small intestine	14	0.2	1.1	**0.6**	0.02	0.05	19	0.3	1.4	**0.7**	0.04	0.07	*C17*
Colon	493	6.2	39.2	**21.7**	0.91	2.45	430	7.8	32.7	**14.5**	0.69	1.64	*C18*
Rectum	311	3.9	24.7	**14.7**	0.69	1.97	187	3.4	14.2	**7.4**	0.48	0.88	*C19-20*
Anus	14	0.2	1.1	**0.8**	0.05	0.09	21	0.4	1.6	**1.0**	0.07	0.10	*C21*
Liver	217	2.7	17.2	**10.2**	0.41	1.27	42	0.8	3.2	**1.6**	0.07	0.17	*C22*
Gallbladder etc.	51	0.6	4.1	**2.1**	0.05	0.19	60	1.1	4.6	**1.8**	0.08	0.19	*C23-24*
Pancreas	158	2.0	12.6	**7.7**	0.43	0.92	174	3.2	13.2	**6.3**	0.34	0.71	*C25*
Nose, sinuses etc.	23	0.3	1.8	**1.2**	0.07	0.15	8	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	140	1.8	11.1	**7.3**	0.50	0.97	12	0.2	0.9	**0.6**	0.06	0.06	*C32*
Trachea, bronchus and lung	1076	13.5	85.5	**53.7**	3.30	6.59	285	5.2	21.7	**12.4**	0.85	1.44	*C33-34*
Other thoracic organs	14	0.2	1.1	**0.9**	0.08	0.09	8	0.1	0.6	**0.3**	0.02	0.02	*C37-38*
Bone	10	0.1	0.8	**0.7**	0.05	0.06	14	0.3	1.1	**1.0**	0.06	0.07	*C40-41*
Melanoma of skin	180	2.3	14.3	**9.9**	0.68	1.04	208	3.8	15.8	**11.0**	0.85	1.07	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	1		0.1	**0.0**	0.01	0.01	*C44*
Mesothelioma	14	0.2	1.1	**0.6**	0.02	0.10	3	0.1	0.2	**0.2**	0.02	0.02	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	36	0.5	2.9	**2.3**	0.17	0.20	37	0.7	2.8	**2.4**	0.16	0.19	*C47+C49*
Breast	16	0.2	1.3	**0.6**	0.02	0.09	1891	34.3	143.9	**92.7**	6.96	10.90	*C50*
Vulva							46	0.8	3.5	**1.5**	0.07	0.16	*C51*
Vagina							5	0.1	0.4	**0.2**	0.00	0.03	*C52*
Cervix uteri							168	3.0	12.8	**9.6**	0.77	0.87	*C53*
Corpus uteri							253	4.6	19.3	**10.6**	0.58	1.44	*C54*
Uterus unspecified							1	0.0	0.1	**0.0**	0.00	0.00	*C55*
Ovary							224	4.1	17.0	**10.7**	0.83	1.21	*C56*
Other female genital organs							5	0.1	0.4	**0.3**	0.01	0.03	*C57*
Placenta							2	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	18	0.2	1.4	**0.9**	0.05	0.10							*C60*
Prostate	2754	34.6	218.9	**130.7**	5.80	17.57							*C61*
Testis	99	1.2	7.9	**7.2**	0.54	0.55							*C62*
Other male genital organs	8	0.1	0.6	**0.5**	0.03	0.03							*C63*
Kidney	231	2.9	18.4	**11.9**	0.71	1.39	124	2.2	9.4	**5.4**	0.32	0.64	*C64*
Renal pelvis	13	0.2	1.0	**0.6**	0.02	0.06	9	0.2	0.7	**0.3**	0.00	0.03	*C65*
Ureter	14	0.2	1.1	**0.5**	0.02	0.05	6	0.1	0.5	**0.1**	0.01	0.01	*C66*
Bladder	342	4.3	27.2	**15.1**	0.56	1.76	78	1.4	5.9	**2.4**	0.07	0.28	*C67*
Other urinary organs	4	0.1	0.3	**0.2**	0.00	0.02	1	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	19	0.2	1.5	**1.0**	0.07	0.12	18	0.3	1.4	**1.0**	0.08	0.09	*C69*
Brain, nervous system	93	1.2	7.4	**5.2**	0.33	0.62	66	1.2	5.0	**3.0**	0.18	0.29	*C70-72*
Thyroid	55	0.7	4.4	**3.1**	0.27	0.32	173	3.1	13.2	**10.0**	0.81	1.03	*C73*
Adrenal gland	3	0.0	0.2	**0.3**	0.02	0.02	6	0.1	0.5	**0.5**	0.02	0.02	*C74*
Other endocrine	2	0.0	0.2	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	42	0.5	3.3	**2.9**	0.22	0.24	34	0.6	2.6	**2.4**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	214	2.7	17.0	**10.7**	0.57	1.05	205	3.7	15.6	**8.8**	0.55	0.95	*C82-85,C96*
Immunoproliferative diseases	14	0.2	1.1	**0.7**	0.04	0.07	13	0.2	1.0	**0.5**	0.02	0.07	*C88*
Multiple myeloma	80	1.0	6.4	**3.6**	0.19	0.40	73	1.3	5.6	**2.6**	0.11	0.31	*C90*
Lymphoid leukaemia	148	1.9	11.8	**8.2**	0.45	0.88	87	1.6	6.6	**4.4**	0.23	0.41	*C91*
Myeloid leukaemia	88	1.1	7.0	**4.4**	0.20	0.45	81	1.5	6.2	**3.4**	0.20	0.29	*C92-94*
Leukaemia unspecified	3	0.0	0.2	**0.4**	0.02	0.02	3	0.1	0.2	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	54	0.7	4.3	**2.9**	0.16	0.33	55	1.0	4.2	**1.8**	0.08	0.18	*MPD*
Myelodysplastic syndromes	77	1.0	6.1	**3.2**	0.08	0.29	77	1.4	5.9	**2.1**	0.08	0.19	*MDS*
Other and unspecified	120	1.5	9.5	**5.9**	0.30	0.72	107	1.9	8.1	**3.7**	0.18	0.41	*O&U*
All sites	7968		633.4	**391.1**	20.43	47.63	5520		420.1	**247.9**	16.70	27.65	*C00-96*
All sites except C44	7968	100.0	633.4	**391.1**	20.43	47.63	5519	100.0	420.1	**247.9**	16.69	27.64	*C00-96 exc. C44*

*See note following population pyramid

France, Haut-Rhin

REGISTRATION AREA

The Haut-Rhin Cancer Registry covers the department of Haut-Rhin in the Alsace region of north-eastern France. It has an area of 3522 km^2 and a population density of 211 residents/km^2. The department is divided into 377 communes, 34 of which are rural (accounting for 7% of the population) and 23 of which have more than 5000 residents (accounting for 57% of the population). Compared with France as a whole, Haut-Rhin has a higher proportion of economically active residents aged 15–64 years (73%) and a lower proportion of residents aged more than 65 years. Approximately 69% of the economically active population works in the service sector, 22% in industry, 7% in construction, and 2% in agriculture. A specific characteristic related to the geographical location of Haut-Rhin is that 12% of the employed population works across the border in Switzerland or Germany. The unemployment rate is 10.1%.

CANCER CARE FACILITIES

The numbers of general practitioners and specialists per 100 000 residents are lower in Haut-Rhin (96 and 61, respectively) than the national averages (111 and 87, respectively). The department's hospital infrastructure (public and private) includes 1705 beds in medical wards, 1099 beds in surgical wards, and 319 beds in gynaecology and obstetrics wards. There are two radiotherapy departments but no specialized cancer centre.

REGISTRY STRUCTURE AND METHODS

The registry was created in 1988. It is a general population-based registry administered by a non-profit organization. Data are systematically checked and completed using secondary sources; the average number of sources per case is more than three. Data are stored using IARC CanReg4 software.

INTERPRETING THE RESULTS

Organized screening for cervical cancer (among women aged 25–65 years) has been available since 2001, for breast cancer (among women aged 50–64 years) since 2002, and for colorectal cancer (among men and women aged 50–74 years) since 2003.

USE OF THE DATA

The registry was created to collect medical data and quantify the cancer burden in Haut-Rhin. It also contributes to cancer prevention, screening, and treatment by maintaining a continuously updated database for the Public Health Authority.

CONTRIBUTORS

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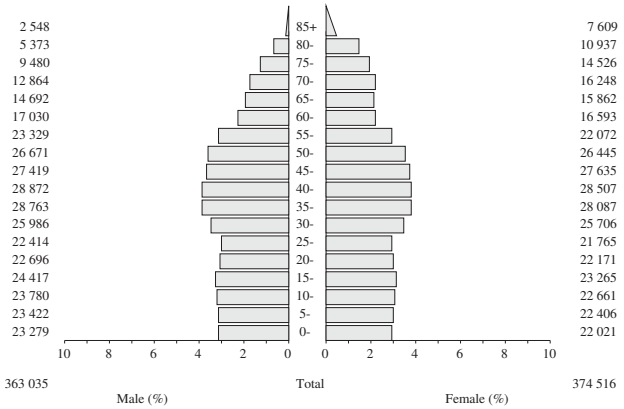
France, Haut-Rhin (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the French National Institute of Statistics and Economic Studies (INSEE; http://www.insee.fr/).

NOTES ON THE DATA

*No DCO registrations. High MV%. †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	125.4	Breast	92.4
Non-melanoma skin cancer	108.2	Non-melanoma skin cancer	80.5
Trachea, bronchus and lung	46.8	Colon	16.2
Bladder	30.4	Melanoma of skin	14.2
Colon	27.3	Corpus uteri	13.1
Rectum	15.8	Trachea, bronchus and lung	12.4
Non-Hodgkin lymphoma	13.2	Rectum	8.7
Melanoma of skin	13.1	Ovary	8.5
Kidney	11.0	Non-Hodgkin lymphoma	7.3
Stomach	8.6	Cervix uteri	6.9
All sites	504.9	All sites	325.5

*France, Haut-Rhin (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	13	0.1	0.7	**0.4**	0.02	0.04	5	0.1	0.3	**0.1**	0.01	0.01	*C00*
Tongue	100	0.9	5.5	**3.7**	0.28	0.47	29	0.4	1.5	**1.0**	0.07	0.12	*C01-02*
Mouth	108	1.0	5.9	**4.0**	0.32	0.48	35	0.5	1.9	**1.2**	0.09	0.14	*C03-06*
Salivary glands	32	0.3	1.8	**1.1**	0.07	0.12	21	0.3	1.1	**0.7**	0.05	0.08	*C07-08*
Tonsil	83	0.7	4.6	**3.1**	0.21	0.42	18	0.2	1.0	**0.6**	0.05	0.07	*C09*
Other oropharynx	49	0.4	2.7	**1.8**	0.13	0.25	6	0.1	0.3	**0.2**	0.02	0.03	*C10*
Nasopharynx	22	0.2	1.2	**0.9**	0.06	0.10	3	0.0	0.2	**0.1**	0.00	0.01	*C11*
Hypopharynx	93	0.8	5.1	**3.5**	0.26	0.47	5	0.1	0.3	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	29	0.3	1.6	**1.1**	0.08	0.14	7	0.1	0.4	**0.3**	0.03	0.03	*C14*
Oesophagus	211	1.9	11.6	**7.3**	0.40	0.89	36	0.5	1.9	**0.9**	0.03	0.10	*C15*
Stomach	268	2.4	14.8	**8.6**	0.38	1.00	158	2.0	8.4	**3.7**	0.17	0.42	*C16*
Small intestine	38	0.3	2.1	**1.2**	0.06	0.15	29	0.4	1.5	**0.8**	0.03	0.11	*C17*
Colon	828	7.3	45.6	**27.3**	1.26	3.30	666	8.6	35.6	**16.2**	0.80	1.87	*C18*
Rectum	467	4.1	25.7	**15.8**	0.79	2.00	323	4.2	17.2	**8.7**	0.47	1.09	*C19-20*
Anus	16	0.1	0.9	**0.6**	0.04	0.06	36	0.5	1.9	**0.9**	0.06	0.10	*C21*
Liver	248	2.2	13.7	**8.5**	0.33	1.16	68	0.9	3.6	**1.8**	0.09	0.23	*C22*
Gallbladder etc.	52	0.5	2.9	**1.8**	0.08	0.22	53	0.7	2.8	**1.3**	0.07	0.14	*C23-24*
Pancreas	214	1.9	11.8	**7.5**	0.38	1.00	176	2.3	9.4	**4.9**	0.26	0.66	*C25*
Nose, sinuses etc.	24	0.2	1.3	**0.9**	0.04	0.13	5	0.1	0.3	**0.2**	0.01	0.02	*C30-31*
Larynx	148	1.3	8.2	**5.4**	0.34	0.69	22	0.3	1.2	**0.7**	0.03	0.08	*C32*
Trachea, bronchus and lung	1366	12.0	75.3	**46.8**	2.59	6.04	402	5.2	21.5	**12.4**	0.82	1.50	*C33-34*
Other thoracic organs	8	0.1	0.4	**0.3**	0.02	0.03	6	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	18	0.2	1.0	**1.1**	0.07	0.08	17	0.2	0.9	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	337	3.0	18.6	**13.1**	0.85	1.41	364	4.7	19.4	**14.2**	1.05	1.35	*C43*
Other skin	3257		179.4	**108.2**	4.86	12.37	2976		158.9	**80.5**	4.66	8.97	*C44*
Mesothelioma	21	0.2	1.2	**0.8**	0.03	0.11	5	0.1	0.3	**0.1**	0.01	0.02	*C45*
Kaposi sarcoma	5	0.0	0.3	**0.2**	0.01	0.02	1	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	44	0.4	2.4	**1.8**	0.13	0.16	44	0.6	2.3	**1.6**	0.09	0.13	*C47+C49*
Breast	26	0.2	1.4	**0.9**	0.04	0.11	2737	35.3	146.2	**92.4**	6.91	10.75	*C50*
Vulva							51	0.7	2.7	**1.3**	0.06	0.13	*C51*
Vagina							14	0.2	0.7	**0.3**	0.01	0.03	*C52*
Cervix uteri							182	2.3	9.7	**6.9**	0.54	0.67	*C53*
Corpus uteri							422	5.4	22.5	**13.1**	0.84	1.71	*C54*
Uterus unspecified							6	0.1	0.3	**0.2**	0.01	0.02	*C55*
Ovary							262	3.4	14.0	**8.5**	0.55	1.06	*C56*
Other female genital organs							12	0.2	0.6	**0.3**	0.02	0.04	*C57*
Placenta							1	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	22	0.2	1.2	**0.7**	0.03	0.07							*C60*
Prostate	3688	32.5	203.2	**125.4**	5.77	17.39							*C61*
Testis	145	1.3	8.0	**7.3**	0.54	0.57							*C62*
Other male genital organs	2	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	309	2.7	17.0	**11.0**	0.63	1.40	189	2.4	10.1	**6.0**	0.38	0.75	*C64*
Renal pelvis	25	0.2	1.4	**0.8**	0.03	0.10	10	0.1	0.5	**0.3**	0.02	0.05	*C65*
Ureter	10	0.1	0.6	**0.3**	0.01	0.04	2	0.0	0.1	**0.0**	0.00	0.00	*C66*
†Bladder	916	8.1	50.5	**30.4**	1.36	3.68	184	2.4	9.8	**4.6**	0.22	0.54	*C67*
Other urinary organs	7	0.1	0.4	**0.3**	0.00	0.04	2	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	14	0.1	0.8	**0.7**	0.03	0.05	12	0.2	0.6	**0.6**	0.04	0.05	*C69*
Brain, nervous system	102	0.9	5.6	**4.1**	0.27	0.44	85	1.1	4.5	**3.6**	0.25	0.38	*C70-72*
Thyroid	64	0.6	3.5	**2.7**	0.21	0.27	139	1.8	7.4	**5.7**	0.47	0.56	*C73*
Adrenal gland	6	0.1	0.3	**0.4**	0.02	0.02	8	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.01	0.01	3	0.0	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	69	0.6	3.8	**3.4**	0.23	0.28	45	0.6	2.4	**2.7**	0.16	0.20	*C81*
Non-Hodgkin lymphoma	361	3.2	19.9	**13.2**	0.71	1.51	254	3.3	13.6	**7.3**	0.40	0.77	*C82-85,C96*
Immunoproliferative diseases	29	0.3	1.6	**1.0**	0.04	0.11	16	0.2	0.9	**0.5**	0.03	0.08	*C88*
Multiple myeloma	108	1.0	5.9	**3.6**	0.19	0.44	115	1.5	6.1	**3.2**	0.16	0.40	*C90*
Lymphoid leukaemia	154	1.4	8.5	**5.9**	0.29	0.69	109	1.4	5.8	**3.7**	0.18	0.35	*C91*
Myeloid leukaemia	125	1.1	6.9	**4.9**	0.28	0.53	92	1.2	4.9	**2.9**	0.14	0.30	*C92-94*
Leukaemia unspecified	7	0.1	0.4	**0.2**	0.01	0.02	3	0.0	0.2	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	68	0.6	3.7	**2.5**	0.16	0.29	41	0.5	2.2	**1.4**	0.09	0.17	*MPD*
Myelodysplastic syndromes	83	0.7	4.6	**2.6**	0.06	0.27	72	0.9	3.8	**1.3**	0.03	0.15	*MDS*
Other and unspecified	178	1.6	9.8	**5.8**	0.27	0.70	142	1.8	7.6	**3.5**	0.18	0.39	*O&U*
All sites	14619		805.4	**504.9**	25.28	62.35	10726		572.8	**325.5**	20.81	36.99	*C00-96*
All sites except C44	11362	100.0	625.9	**396.7**	20.42	49.99	7750	100.0	413.9	**245.0**	16.15	28.02	*C00-96 exc. C44*

†*See note following population pyramid

France, Hérault

REGISTRATION AREA

The Hérault Cancer Registry covers the population of the department of Hérault, which is located in the Languedoc-Roussillon region of southern France, on the Mediterranean Sea. The department has a total area of 6101 km^2. In 2006, the population of Hérault was 1 million (48% male and 52% female), and the population density was 164 residents/km^2. The department is highly urbanized; the urban population is 4.25 times as large as the rural population.

CANCER CARE FACILITIES

Hérault residents have a high level of access to medicosocial facilities; the department has a specialized cancer hospital, 10 public hospitals (including one academic hospital in Montpellier), and 16 private clinics. The numbers of general practitioners and specialists per 100 000 residents are higher in Hérault (200 and 246, respectively) than the national averages.

REGISTRY STRUCTURE AND METHODS

The registry is located in Montpellier, the department's capital. Most of the registry's funding comes from the French Ministry of Health (through the Institute for Public Health Surveillance and the National Cancer Institute). The registry has seven employees: a medical epidemiologist, a biostatistician, a secretary, a registrar, and three investigators. Registration is active; medical and pathology records are consulted by the registry's investigators. Death certificates are not used as a source. All invasive cancers and some in situ cancers are registered, with the exception of basal cell carcinomas of the skin. Active follow-up is performed on all registered cases.

INTERPRETING THE RESULTS

Two organized breast cancer screening programmes (for women aged 40–49 years and 50–74 years) were started in 1999. Hérault is the only area in France that is covered by a cancer registry and has an organized breast cancer screening programme for women aged 40–49 years. An organized screening programme for colon cancer was started in 2004.

USE OF THE DATA

Registry data are published biannually. The registry conducts many studies (such as case–control studies, health economics studies, and evaluations of therapeutic practices), both independently and in collaboration with other French and European registries.

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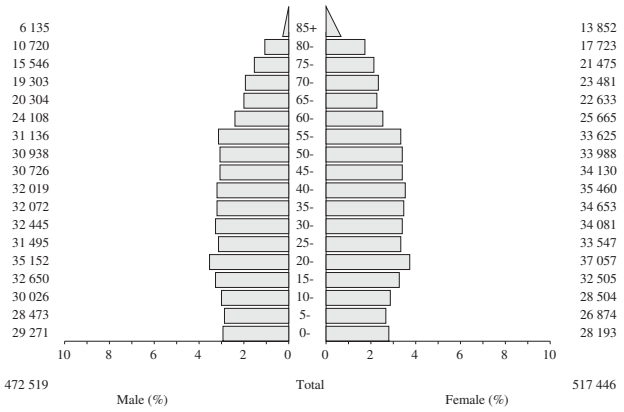
Claudine Gras

France, Hérault (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the French National Institute of Statistics and Economic Studies (INSEE; http://www.insee.fr/).

NOTES ON THE DATA

*No DCO registrations. †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	119.4	Breast	99.0
Trachea, bronchus and lung	52.2	Colon	15.0
Bladder	40.0	Trachea, bronchus and lung	14.5
Colon	24.6	Corpus uteri	10.0
Rectum	14.1	Cervix uteri	8.3
Kidney	12.2	Melanoma of skin	8.2
Non-Hodgkin lymphoma	10.7	Thyroid	8.0
Liver	10.3	Ovary	7.7
Pancreas	9.6	Non-Hodgkin lymphoma	7.2
Stomach	8.4	Rectum	6.7
All sites	399.3	All sites	248.0

*France, Hérault (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	28	0.2	1.2	**0.6**	0.03	0.07	9	0.1	0.3	**0.2**	0.02	0.02	*C00*
Tongue	151	0.9	6.4	**4.3**	0.35	0.50	45	0.4	1.7	**1.1**	0.08	0.14	*C01-02*
Mouth	145	0.9	6.1	**4.2**	0.36	0.45	50	0.4	1.9	**0.9**	0.07	0.11	*C03-06*
Salivary glands	34	0.2	1.4	**0.9**	0.04	0.09	31	0.3	1.2	**0.7**	0.06	0.07	*C07-08*
Tonsil	139	0.8	5.9	**3.7**	0.27	0.44	34	0.3	1.3	**0.9**	0.09	0.10	*C09*
Other oropharynx	70	0.4	3.0	**2.0**	0.17	0.24	14	0.1	0.5	**0.4**	0.03	0.05	*C10*
Nasopharynx	23	0.1	1.0	**0.8**	0.07	0.08	5	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	127	0.7	5.4	**3.5**	0.32	0.40	28	0.2	1.1	**0.7**	0.07	0.08	*C12-13*
Pharynx unspecified	15	0.1	0.6	**0.4**	0.03	0.04	2	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	241	1.4	10.2	**6.0**	0.42	0.70	77	0.7	3.0	**1.5**	0.09	0.18	*C15*
Stomach	373	2.2	15.8	**8.4**	0.39	0.97	164	1.4	6.3	**2.7**	0.14	0.27	*C16*
Small intestine	59	0.3	2.5	**1.5**	0.09	0.16	43	0.4	1.7	**0.9**	0.06	0.10	*C17*
Colon	1133	6.7	48.0	**24.6**	1.20	2.90	941	8.2	36.4	**15.0**	0.71	1.65	*C18*
Rectum	623	3.7	26.4	**14.1**	0.69	1.71	372	3.3	14.4	**6.7**	0.42	0.74	*C19-20*
Anus	27	0.2	1.1	**0.8**	0.05	0.07	90	0.8	3.5	**1.9**	0.14	0.21	*C21*
Liver	439	2.6	18.6	**10.3**	0.62	1.22	128	1.1	4.9	**2.2**	0.11	0.23	*C22*
Gallbladder etc.	95	0.6	4.0	**1.9**	0.08	0.17	109	1.0	4.2	**1.5**	0.05	0.15	*C23-24*
Pancreas	404	2.4	17.1	**9.6**	0.54	1.19	332	2.9	12.8	**5.5**	0.29	0.62	*C25*
Nose, sinuses etc.	35	0.2	1.5	**0.8**	0.05	0.07	20	0.2	0.8	**0.5**	0.02	0.05	*C30-31*
Larynx	266	1.6	11.3	**7.1**	0.50	0.86	28	0.2	1.1	**0.6**	0.05	0.07	*C32*
Trachea, bronchus and lung	2127	12.5	90.0	**52.2**	3.19	6.48	666	5.8	25.7	**14.5**	1.03	1.67	*C33-34*
Other thoracic organs	18	0.1	0.8	**0.7**	0.04	0.07	12	0.1	0.5	**0.3**	0.03	0.04	*C37-38*
Bone	32	0.2	1.4	**1.3**	0.08	0.10	30	0.3	1.2	**1.0**	0.07	0.08	*C40-41*
Melanoma of skin	266	1.6	11.3	**7.3**	0.50	0.80	312	2.7	12.1	**8.2**	0.61	0.84	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	0		0.0	**0.0**	0.00	0.00	*C44*
Mesothelioma	47	0.3	2.0	**1.0**	0.03	0.13	20	0.2	0.8	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	2	0.0	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	82	0.5	3.5	**2.3**	0.13	0.23	57	0.5	2.2	**1.5**	0.08	0.14	*C47+C49*
Breast	35	0.2	1.5	**0.7**	0.04	0.06	4092	35.8	158.2	**99.0**	7.50	11.25	*C50*
Vulva							42	0.4	1.6	**0.5**	0.02	0.04	*C51*
Vagina							15	0.1	0.6	**0.3**	0.02	0.03	*C52*
Cervix uteri							310	2.7	12.0	**8.3**	0.64	0.83	*C53*
Corpus uteri							508	4.4	19.6	**10.0**	0.63	1.31	*C54*
Uterus unspecified							4	0.0	0.2	**0.1**	0.00	0.01	*C55*
Ovary							355	3.1	13.7	**7.7**	0.53	0.88	*C56*
Other female genital organs							4	0.0	0.2	**0.1**	0.01	0.01	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	37	0.2	1.6	**0.8**	0.03	0.08							*C60*
Prostate	5386	31.7	228.0	**119.4**	5.30	16.26							*C61*
Testis	140	0.8	5.9	**5.5**	0.41	0.43							*C62*
Other male genital organs	4	0.0	0.2	**0.1**	0.00	0.01							*C63*
Kidney	491	2.9	20.8	**12.2**	0.77	1.40	199	1.7	7.7	**4.4**	0.28	0.50	*C64*
Renal pelvis	52	0.3	2.2	**1.1**	0.05	0.12	25	0.2	1.0	**0.6**	0.03	0.07	*C65*
Ureter	22	0.1	0.9	**0.4**	0.02	0.05	8	0.1	0.3	**0.1**	0.00	0.02	*C66*
†Bladder	1864	11.0	78.9	**40.0**	1.86	4.78	382	3.3	14.8	**6.6**	0.32	0.75	*C67*
Other urinary organs	2	0.0	0.1	**0.0**	0.00	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	23	0.1	1.0	**0.6**	0.02	0.07	20	0.2	0.8	**0.7**	0.05	0.06	*C69*
Brain, nervous system	192	1.1	8.1	**5.8**	0.37	0.59	176	1.5	6.8	**4.9**	0.34	0.49	*C70-72*
Thyroid	83	0.5	3.5	**2.7**	0.21	0.28	261	2.3	10.1	**8.0**	0.67	0.80	*C73*
Adrenal gland	13	0.1	0.6	**0.5**	0.04	0.04	10	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	84	0.5	3.6	**2.9**	0.22	0.26	63	0.6	2.4	**2.3**	0.15	0.17	*C81*
Non-Hodgkin lymphoma	421	2.5	17.8	**10.7**	0.60	1.17	363	3.2	14.0	**7.2**	0.43	0.83	*C82-85,C96*
Immunoproliferative diseases	38	0.2	1.6	**0.7**	0.02	0.08	29	0.3	1.1	**0.5**	0.03	0.05	*C88*
Multiple myeloma	151	0.9	6.4	**3.4**	0.17	0.41	134	1.2	5.2	**2.1**	0.11	0.25	*C90*
Lymphoid leukaemia	200	1.2	8.5	**5.9**	0.30	0.65	144	1.3	5.6	**3.4**	0.17	0.32	*C91*
Myeloid leukaemia	198	1.2	8.4	**4.6**	0.25	0.47	154	1.3	6.0	**3.1**	0.18	0.31	*C92-94*
Leukaemia unspecified	2	0.0	0.1	**0.1**	0.00	0.00	2	0.0	0.1	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	103	0.6	4.4	**2.3**	0.12	0.27	112	1.0	4.3	**1.9**	0.11	0.21	*MPD*
Myelodysplastic syndromes	139	0.8	5.9	**2.3**	0.06	0.20	128	1.1	4.9	**1.4**	0.04	0.13	*MDS*
Other and unspecified	306	1.8	13.0	**6.7**	0.35	0.75	278	2.4	10.7	**4.1**	0.20	0.42	*O&U*
All sites	16989		719.1	**399.3**	21.48	48.59	11441		442.2	**248.0**	16.83	27.44	*C00-96*
All sites except C44	16989	100.0	719.1	**399.3**	21.48	48.59	11441	100.0	442.2	**248.0**	16.83	27.44	*C00-96 exc. C44*

†*See note following population pyramid

France, Isère

REGISTRATION AREA

The Isère Cancer Registry covers the population of the department of Isère, which is located in the Rhône-Alpes region of south-eastern France and includes part of the French Alps. The department has a total area of 7431 km^2 and is highly urbanized. In 2009, the population of Isère was 1.2 million (49% male and 51% female), with a population density of 162 residents/km^2.

CANCER CARE FACILITIES

Isère and neighbouring departments (such as Rhône, where a significant proportion of the Isère population is treated) have a high level of specialized medical equipment, distributed across one specialized cancer hospital, two academic hospitals (in Grenoble and Lyon), and many public hospitals and private clinics. The level of medical coverage in Isère is high, with 167 general practitioners and 159 specialists per 100 000 residents.

REGISTRY STRUCTURE AND METHODS

The registry is located in Grenoble, the department's capital. Most of the registry's funding comes from the French Ministry of Health (through the Institute for Public Health Surveillance and the National Cancer Institute) and the local government of Isère. The registry has 10 employees: an epidemiologist/biostatistician, a medical epidemiologist, a half-time physician, a data manager, four registrars, and two part-time secretaries. Registration is both passive/semi-active (through the use of medico-administrative and pathology records) and active (through the consultation of medical records by registry investigators). Death certificates are not used as a source. All invasive and in situ cancers are registered, with the exception of basal cell carcinomas of the skin. Active follow-up is performed on all registered cases.

INTERPRETING THE RESULTS

Isère has an organized screening programme for breast, colorectal, and cervical cancers (among women aged 50–74 years), which was started in 1990. An organized screening programme for colorectal cancer in men was started in 2002.

USE OF THE DATA

Registry data are included in the French network of cancer registries (FRANCIM) database and are used to estimate national incidence and survival. The data are also used in a variety of descriptive epidemiological studies (e.g. for prevalence estimations or for the description of the diagnosis circumstances of certain cancer sites.)

CONTRIBUTORS

Marc Colonna
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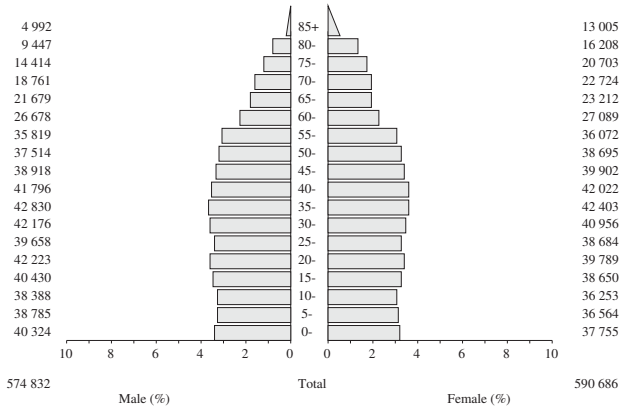
France, Isère (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the French National Institute of Statistics and Economic Studies (INSEE; http://www.insee.fr/).

NOTES ON THE DATA

*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	125.6	Breast	98.1
Trachea, bronchus and lung	52.0	Thyroid	20.6
Colon	22.1	Colon	14.4
Bladder	14.6	Melanoma of skin	12.1
Rectum	14.2	Trachea, bronchus and lung	12.0
Liver	11.8	Corpus uteri	10.0
Non-Hodgkin lymphoma	11.4	Ovary	9.0
Kidney	10.8	Non-Hodgkin lymphoma	7.9
Melanoma of skin	10.3	Rectum	7.1
Pancreas	8.6	Pancreas	5.7
All sites	382.5	All sites	255.9

*France, Isère (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	12	0.1	0.4	**0.3**	0.01	0.03	4	0.0	0.1	**0.1**	0.00	0.00	*C00*
Tongue	130	0.8	4.5	**3.2**	0.26	0.36	45	0.4	1.5	**1.1**	0.08	0.13	*C01-02*
Mouth	169	1.0	5.9	**4.2**	0.33	0.52	37	0.3	1.3	**0.8**	0.06	0.09	*C03-06*
Salivary glands	24	0.1	0.8	**0.6**	0.03	0.07	19	0.2	0.6	**0.4**	0.03	0.03	*C07-08*
Tonsil	112	0.7	3.9	**2.7**	0.22	0.33	20	0.2	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	90	0.5	3.1	**2.3**	0.18	0.30	7	0.1	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	20	0.1	0.7	**0.5**	0.04	0.06	13	0.1	0.4	**0.3**	0.03	0.04	*C11*
Hypopharynx	160	0.9	5.6	**3.8**	0.30	0.46	8	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	32	0.2	1.1	**0.8**	0.07	0.10	5	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	261	1.5	9.1	**6.0**	0.40	0.75	63	0.5	2.1	**1.1**	0.08	0.12	*C15*
Stomach	364	2.2	12.7	**7.5**	0.30	0.79	224	1.8	7.6	**3.6**	0.16	0.40	*C16*
Small intestine	45	0.3	1.6	**1.0**	0.05	0.12	43	0.3	1.5	**0.8**	0.05	0.10	*C17*
Colon	1054	6.2	36.7	**22.1**	0.97	2.55	918	7.4	31.1	**14.4**	0.74	1.56	*C18*
Rectum	648	3.8	22.5	**14.2**	0.70	1.65	433	3.5	14.7	**7.1**	0.39	0.82	*C19-20*
Anus	20	0.1	0.7	**0.5**	0.04	0.05	68	0.6	2.3	**1.3**	0.09	0.14	*C21*
Liver	540	3.2	18.8	**11.8**	0.53	1.52	141	1.1	4.8	**2.2**	0.08	0.22	*C22*
Gallbladder etc.	76	0.4	2.6	**1.5**	0.07	0.15	104	0.8	3.5	**1.5**	0.07	0.15	*C23-24*
Pancreas	394	2.3	13.7	**8.6**	0.46	1.03	359	2.9	12.2	**5.7**	0.23	0.66	*C25*
Nose, sinuses etc.	32	0.2	1.1	**0.8**	0.05	0.10	15	0.1	0.5	**0.3**	0.02	0.02	*C30-31*
Larynx	252	1.5	8.8	**6.0**	0.41	0.75	34	0.3	1.2	**0.7**	0.06	0.08	*C32*
Trachea, bronchus and lung	2298	13.6	80.0	**52.0**	3.04	6.40	600	4.9	20.3	**12.0**	0.83	1.39	*C33-34*
Other thoracic organs	31	0.2	1.1	**0.9**	0.05	0.07	16	0.1	0.5	**0.4**	0.03	0.03	*C37-38*
Bone	36	0.2	1.3	**1.2**	0.08	0.09	30	0.2	1.0	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	424	2.5	14.8	**10.3**	0.68	1.09	503	4.1	17.0	**12.1**	0.91	1.22	*C43*
Other skin	1		0.0	**0.0**	0.00	0.00	6		0.2	**0.2**	0.01	0.01	*C44*
Mesothelioma	83	0.5	2.9	**1.7**	0.04	0.19	27	0.2	0.9	**0.5**	0.02	0.08	*C45*
Kaposi sarcoma	3	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	79	0.5	2.7	**2.1**	0.12	0.21	61	0.5	2.1	**1.5**	0.11	0.14	*C47+C49*
Breast	39	0.2	1.4	**0.8**	0.03	0.10	4372	35.4	148.0	**98.1**	7.25	11.39	*C50*
Vulva							44	0.4	1.5	**0.7**	0.04	0.07	*C51*
Vagina							14	0.1	0.5	**0.2**	0.01	0.03	*C52*
Cervix uteri							231	1.9	7.8	**5.5**	0.39	0.54	*C53*
Corpus uteri							510	4.1	17.3	**10.0**	0.65	1.30	*C54*
Uterus unspecified							12	0.1	0.4	**0.2**	0.01	0.02	*C55*
Ovary							423	3.4	14.3	**9.0**	0.61	1.07	*C56*
Other female genital organs							21	0.2	0.7	**0.4**	0.04	0.05	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	22	0.1	0.8	**0.4**	0.02	0.05							*C60*
Prostate	5680	33.6	197.6	**125.6**	5.61	17.24							*C61*
Testis	181	1.1	6.3	**5.7**	0.42	0.44							*C62*
Other male genital organs	1	0.0	0.0	**0.0**	0.00	0.01							*C63*
Kidney	459	2.7	16.0	**10.8**	0.67	1.29	227	1.8	7.7	**4.5**	0.28	0.49	*C64*
Renal pelvis	27	0.2	0.9	**0.6**	0.03	0.08	15	0.1	0.5	**0.2**	0.01	0.02	*C65*
Ureter	25	0.1	0.9	**0.5**	0.02	0.07	20	0.2	0.7	**0.2**	0.00	0.02	*C66*
Bladder	714	4.2	24.8	**14.6**	0.59	1.64	170	1.4	5.8	**2.3**	0.09	0.25	*C67*
Other urinary organs	18	0.1	0.6	**0.4**	0.02	0.04	5	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	33	0.2	1.1	**0.9**	0.05	0.08	40	0.3	1.4	**1.0**	0.07	0.10	*C69*
Brain, nervous system	248	1.5	8.6	**6.6**	0.42	0.70	176	1.4	6.0	**4.2**	0.30	0.42	*C70-72*
Thyroid	242	1.4	8.4	**6.7**	0.56	0.69	777	6.3	26.3	**20.6**	1.69	2.12	*C73*
Adrenal gland	9	0.1	0.3	**0.4**	0.02	0.02	18	0.1	0.6	**0.8**	0.04	0.04	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	97	0.6	3.4	**3.0**	0.21	0.26	86	0.7	2.9	**2.9**	0.20	0.22	*C81*
Non-Hodgkin lymphoma	488	2.9	17.0	**11.4**	0.69	1.18	423	3.4	14.3	**7.9**	0.46	0.88	*C82-85,C96*
Immunoproliferative diseases	39	0.2	1.4	**0.8**	0.03	0.09	29	0.2	1.0	**0.5**	0.03	0.07	*C88*
Multiple myeloma	180	1.1	6.3	**3.7**	0.17	0.41	153	1.2	5.2	**2.4**	0.09	0.30	*C90*
Lymphoid leukaemia	246	1.5	8.6	**6.2**	0.32	0.61	173	1.4	5.9	**4.1**	0.20	0.38	*C91*
Myeloid leukaemia	208	1.2	7.2	**4.6**	0.19	0.44	118	1.0	4.0	**2.6**	0.16	0.26	*C92-94*
Leukaemia unspecified	7	0.0	0.2	**0.2**	0.01	0.01	3	0.0	0.1	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	125	0.7	4.3	**2.9**	0.16	0.33	93	0.8	3.1	**1.6**	0.09	0.20	*MPD*
Myelodysplastic syndromes	145	0.9	5.0	**2.7**	0.07	0.25	122	1.0	4.1	**1.6**	0.05	0.16	*MDS*
Other and unspecified	291	1.7	10.1	**6.2**	0.29	0.64	266	2.2	9.0	**4.1**	0.18	0.42	*O&U*
All sites	16916		588.6	**382.5**	20.06	46.43	12348		418.1	**255.9**	17.17	28.46	*C00-96*
All sites except C44	16915	100.0	588.5	**382.4**	20.05	46.42	12342	100.0	417.9	**255.7**	17.15	28.45	*C00-96 exc. C44*

*See note following population pyramid

France, Loire-Atlantique

REGISTRATION AREA

The Loire-Atlantique Cancer Registry covers the population of the department of Loire-Atlantique, which is located in the Pays de la Loire region of western France. At the 1999 census, the population was 1.1 million. About 54% of Loire-Atlantique residents live in urban areas.

CANCER CARE FACILITIES

There are 16 public and 43 private hospitals in Loire-Atlantique, including one university hospital and one cancer centre. The department has 2001 general practitioners and 2209 specialists.

REGISTRY STRUCTURE AND METHODS

The Loire-Atlantique Cancer Registry is part of the general population-based Loire-Atlantique and Vendée Cancer Registry, which was created in 1998 and is one of the largest registries in France. The Loire-Atlantique and Vendée Cancer Registry is affiliated with the French network of cancer registries (FRANCIM) and is administered by a non-profit association according to the French Associations Bill of 1901. It is funded by the Institute for Public Health Surveillance, the National Cancer Institute, and local organizations. The registry is staffed by two medical epidemiologists, a part-time histopathologist, and other employees filling 12.4 full-time equivalent positions. Data are actively collected from the medical records of several data sources (primarily pathologists, medical information systems in hospitals and clinics, and health insurance notifications). The use of death certificates as a data source for cancer registration is prohibited by French law. Although cancer is not a reportable disease, some registration forms are received from private practitioners. The quality of the registry data is verified every 4 years by the National Committee of Registries, and the registry's confidentiality practices are monitored by the National Commission on Information Technology and Civil Liberties.

INTERPRETING THE RESULTS

Loire-Atlantique has an organized breast cancer screening programme for women aged 50–74 years, which was started in 1996.

USE OF THE DATA

The registry publishes basic descriptive data in its annual reports and participates in national collaborative studies. It has also participated in several special studies, such as evaluations of clinical care for breast cancer and colon cancer and survival.

CONTRIBUTORS

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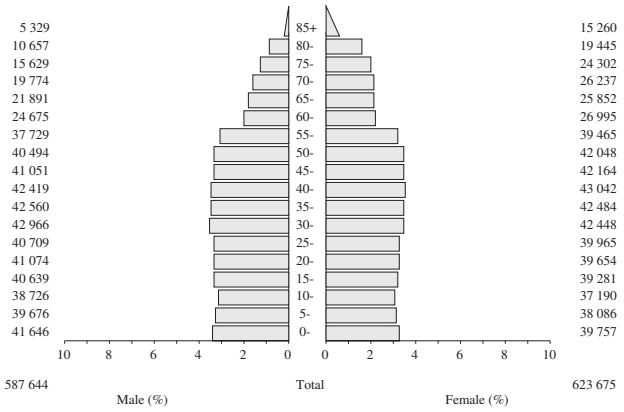
France, Loire-Atlantique (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the French National Institute of Statistics and Economic Studies (INSEE; http://www.insee.fr/).

NOTES ON THE DATA

*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	136.3	Breast	102.6
Trachea, bronchus and lung	48.8	Colon	15.6
Colon	22.1	Melanoma of skin	13.2
Liver	19.9	Thyroid	12.5
Rectum	16.7	Trachea, bronchus and lung	12.0
Non-Hodgkin lymphoma	13.9	Corpus uteri	8.6
Kidney	12.7	Non-Hodgkin lymphoma	8.4
Bladder	11.5	Rectum	7.9
Melanoma of skin	11.4	Ovary	7.6
Oesophagus	10.5	Cervix uteri	5.2
All sites	426.7	All sites	251.6

*France, Loire-Atlantique (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	47	0.2	1.6	**1.0**	0.05	0.11	14	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	199	1.0	6.8	**4.9**	0.38	0.60	43	0.3	1.4	**0.8**	0.06	0.10	*C01-02*
Mouth	268	1.4	9.1	**6.6**	0.58	0.73	69	0.5	2.2	**1.3**	0.10	0.13	*C03-06*
Salivary glands	34	0.2	1.2	**0.7**	0.04	0.09	23	0.2	0.7	**0.4**	0.03	0.04	*C07-08*
Tonsil	182	0.9	6.2	**4.5**	0.36	0.55	28	0.2	0.9	**0.6**	0.06	0.07	*C09*
Other oropharynx	109	0.6	3.7	**2.5**	0.20	0.31	21	0.2	0.7	**0.5**	0.04	0.06	*C10*
Nasopharynx	8	0.0	0.3	**0.2**	0.02	0.02	4	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	301	1.6	10.2	**7.1**	0.49	0.91	16	0.1	0.5	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	36	0.2	1.2	**0.8**	0.06	0.10	7	0.1	0.2	**0.2**	0.01	0.02	*C14*
Oesophagus	488	2.5	16.6	**10.5**	0.66	1.23	96	0.7	3.1	**1.6**	0.11	0.19	*C15*
Stomach	397	2.1	13.5	**8.2**	0.43	0.94	206	1.5	6.6	**2.6**	0.12	0.26	*C16*
Small intestine	85	0.4	2.9	**1.9**	0.11	0.20	49	0.4	1.6	**0.8**	0.06	0.09	*C17*
Colon	1109	5.8	37.7	**22.1**	0.98	2.58	1112	8.3	35.7	**15.6**	0.78	1.76	*C18*
Rectum	783	4.1	26.6	**16.7**	0.86	2.00	519	3.9	16.6	**7.9**	0.46	0.92	*C19-20*
Anus	32	0.2	1.1	**0.7**	0.05	0.08	78	0.6	2.5	**1.5**	0.11	0.17	*C21*
Liver	931	4.8	31.7	**19.9**	0.99	2.65	152	1.1	4.9	**2.4**	0.11	0.30	*C22*
Gallbladder etc.	73	0.4	2.5	**1.5**	0.06	0.16	95	0.7	3.0	**1.3**	0.05	0.15	*C23-24*
Pancreas	355	1.8	12.1	**7.5**	0.36	0.91	279	2.1	8.9	**3.9**	0.17	0.47	*C25*
Nose, sinuses etc.	72	0.4	2.5	**1.5**	0.05	0.19	15	0.1	0.5	**0.2**	0.01	0.03	*C30-31*
Larynx	360	1.9	12.3	**8.3**	0.61	1.02	39	0.3	1.3	**0.9**	0.07	0.10	*C32*
Trachea, bronchus and lung	2117	11.0	72.1	**48.8**	3.40	6.10	632	4.7	20.3	**12.0**	0.86	1.40	*C33-34*
Other thoracic organs	31	0.2	1.1	**0.6**	0.03	0.06	20	0.1	0.6	**0.4**	0.03	0.03	*C37-38*
Bone	33	0.2	1.1	**1.1**	0.06	0.09	40	0.3	1.3	**1.2**	0.09	0.09	*C40-41*
Melanoma of skin	485	2.5	16.5	**11.4**	0.77	1.27	625	4.7	20.0	**13.2**	0.98	1.43	*C43*
Other skin	3		0.1	**0.1**	0.00	0.01	2		0.1	**0.1**	0.00	0.01	*C44*
Mesothelioma	130	0.7	4.4	**2.5**	0.07	0.31	38	0.3	1.2	**0.5**	0.01	0.06	*C45*
Kaposi sarcoma	2	0.0	0.1	**0.0**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	105	0.5	3.6	**2.7**	0.18	0.27	89	0.7	2.9	**1.9**	0.13	0.18	*C47+C49*
Breast	52	0.3	1.8	**1.2**	0.07	0.15	4879	36.6	156.5	**102.6**	7.86	11.91	*C50*
Vulva							51	0.4	1.6	**0.7**	0.04	0.07	*C51*
Vagina							22	0.2	0.7	**0.3**	0.02	0.03	*C52*
Cervix uteri							230	1.7	7.4	**5.2**	0.41	0.51	*C53*
Corpus uteri							477	3.6	15.3	**8.6**	0.56	1.12	*C54*
Uterus unspecified							18	0.1	0.6	**0.2**	0.00	0.02	*C55*
Ovary							406	3.0	13.0	**7.6**	0.51	0.88	*C56*
Other female genital organs							28	0.2	0.9	**0.5**	0.04	0.05	*C57*
Placenta							3	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	19	0.1	0.6	**0.4**	0.03	0.05							*C60*
Prostate	6211	32.3	211.4	**136.3**	6.82	18.95							*C61*
Testis	203	1.1	6.9	**6.3**	0.49	0.50							*C62*
Other male genital organs	6	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	543	2.8	18.5	**12.7**	0.81	1.51	281	2.1	9.0	**5.2**	0.35	0.57	*C64*
Renal pelvis	44	0.2	1.5	**0.9**	0.07	0.10	12	0.1	0.4	**0.2**	0.01	0.01	*C65*
Ureter	26	0.1	0.9	**0.4**	0.01	0.05	9	0.1	0.3	**0.1**	0.01	0.01	*C66*
Bladder	570	3.0	19.4	**11.5**	0.52	1.33	161	1.2	5.2	**1.9**	0.06	0.19	*C67*
Other urinary organs	13	0.1	0.4	**0.3**	0.02	0.04	2	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	29	0.2	1.0	**0.8**	0.04	0.07	16	0.1	0.5	**0.3**	0.02	0.02	*C69*
Brain, nervous system	261	1.4	8.9	**6.7**	0.43	0.74	185	1.4	5.9	**3.9**	0.25	0.43	*C70-72*
Thyroid	145	0.8	4.9	**3.9**	0.29	0.40	484	3.6	15.5	**12.5**	1.02	1.18	*C73*
Adrenal gland	12	0.1	0.4	**0.5**	0.02	0.02	15	0.1	0.5	**0.6**	0.03	0.04	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	106	0.6	3.6	**3.1**	0.21	0.26	95	0.7	3.0	**2.9**	0.20	0.23	*C81*
Non-Hodgkin lymphoma	620	3.2	21.1	**13.9**	0.77	1.49	519	3.9	16.6	**8.4**	0.50	0.95	*C82-85,C96*
Immunoproliferative diseases	130	0.7	4.4	**2.5**	0.09	0.30	57	0.4	1.8	**0.8**	0.03	0.10	*C88*
Multiple myeloma	184	1.0	6.3	**3.8**	0.19	0.47	156	1.2	5.0	**2.2**	0.11	0.23	*C90*
Lymphoid leukaemia	334	1.7	11.4	**7.9**	0.38	0.82	230	1.7	7.4	**4.2**	0.21	0.45	*C91*
Myeloid leukaemia	223	1.2	7.6	**4.7**	0.19	0.45	154	1.2	4.9	**2.6**	0.14	0.27	*C92-94*
Leukaemia unspecified	5	0.0	0.2	**0.2**	0.00	0.01	4	0.0	0.1	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	107	0.6	3.6	**2.2**	0.10	0.21	88	0.7	2.8	**1.4**	0.07	0.15	*MPD*
Myelodysplastic syndromes	144	0.7	4.9	**2.5**	0.07	0.21	97	0.7	3.1	**1.2**	0.04	0.13	*MDS*
Other and unspecified	458	2.4	15.6	**9.6**	0.49	1.03	355	2.7	11.4	**5.1**	0.24	0.54	*O&U*
All sites	19222		654.2	**426.7**	23.98	52.67	13347		428.0	**251.6**	17.23	28.22	*C00-96*
All sites except C44	19219	100.0	654.1	**426.7**	23.98	52.66	13345	100.0	427.9	**251.6**	17.23	28.21	*C00-96 exc. C44*

*See note following population pyramid

France, Manche

REGISTRATION AREA

The Manche Cancer Registry is a general population-based registry that covers the population of the department of Manche, which is located in the Lower Normandy region of France. The department has 330 km of coastline and a total area of 5938 km^2. At the 2007 census, the population was 495 000. The population is slightly older than the national average and is mainly rural, with only 48% of residents living in Manche's five urban areas.

CANCER CARE FACILITIES

The level of medical coverage in Manche is relatively low. There are 11 public hospitals (general and local) and seven private care facilities. There are no specialized cancer centres in the department, but there are two radiotherapy units: a private unit in the south and a public unit in the north, which is a delocalized facility associated with the regional cancer care centre in the neighbouring department of Calvados.

REGISTRY STRUCTURE AND METHODS

The registry began its activities in 1994. It is based in the general hospital in Cherbourg and was created by an association of practitioners in the department. The registry is supported by the Institute for Public Health Surveillance, the General Council of Manche, the local chapter of the French League Against Cancer, the department's communes, and other local organizations. It is affiliated with the French network of cancer registries (FRANCIM). The registry is staffed by a medical epidemiologist and other employees filling 4.5 full-time equivalent positions. Data are actively collected from regional sources, including pathology and cytology laboratories, oncology and radiotherapy services, and hospitals' medical records departments. After initial notifications, every file is checked in regional (private and public) medical facilities and then coded to ICD-O. All invasive and in situ cancers are registered except basal cell carcinomas of the skin. Death certificates are not used as a source of data.

INTERPRETING THE RESULTS

Manche has an organized breast cancer screening programme for women aged 50–74 years, which was started in 2004.

USE OF THE DATA

The registry publishes basic descriptive data and participates in collaborative studies at the national and international level.

CONTRIBUTORS

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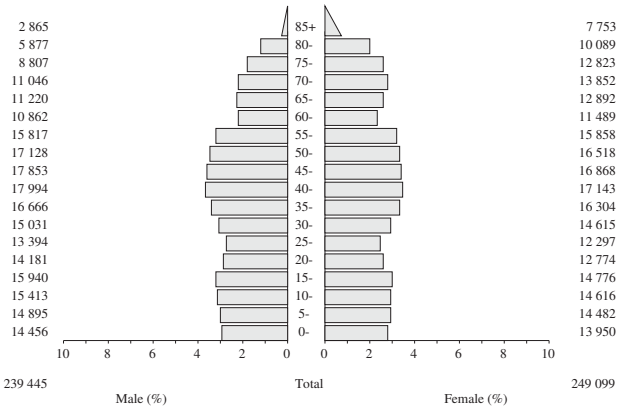
France, Manche (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the French National Institute of Statistics and Economic Studies (INSEE; http://www.insee.fr/).

NOTES ON THE DATA

*No DCO registrations. †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	116.4	Breast	89.1
Trachea, bronchus and lung	49.2	Colon	11.5
Bladder	20.2	Corpus uteri	10.7
Colon	18.5	Trachea, bronchus and lung	10.6
Rectum	15.0	Ovary	9.8
Stomach	11.6	Melanoma of skin	9.1
Oesophagus	11.4	Thyroid	8.1
Non-Hodgkin lymphoma	9.9	Rectum	7.5
Kidney	9.4	Cervix uteri	6.7
Liver	9.0	Non-Hodgkin lymphoma	5.7
All sites	376.7	All sites	222.1

*France, Manche (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	21	0.2	1.8	**0.9**	0.02	0.10	9	0.2	0.7	**0.2**	0.00	0.01	*C00*
Tongue	82	1.0	6.8	**4.1**	0.30	0.50	15	0.3	1.2	**0.7**	0.06	0.07	*C01-02*
Mouth	104	1.2	8.7	**5.6**	0.49	0.63	18	0.3	1.4	**0.7**	0.05	0.07	*C03-06*
Salivary glands	11	0.1	0.9	**0.4**	0.01	0.05	10	0.2	0.8	**0.5**	0.04	0.05	*C07-08*
Tonsil	57	0.7	4.8	**3.1**	0.26	0.38	18	0.3	1.4	**0.9**	0.07	0.10	*C09*
Other oropharynx	59	0.7	4.9	**3.0**	0.26	0.35	2	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	5	0.1	0.4	**0.2**	0.02	0.04	3	0.1	0.2	**0.2**	0.02	0.02	*C11*
Hypopharynx	145	1.7	12.1	**7.6**	0.62	0.94	10	0.2	0.8	**0.4**	0.02	0.07	*C12-13*
Pharynx unspecified	23	0.3	1.9	**1.3**	0.10	0.17	4	0.1	0.3	**0.2**	0.02	0.02	*C14*
Oesophagus	264	3.1	22.1	**11.4**	0.63	1.37	33	0.6	2.6	**1.0**	0.05	0.11	*C15*
Stomach	294	3.5	24.6	**11.6**	0.53	1.26	128	2.3	10.3	**3.0**	0.09	0.31	*C16*
Small intestine	18	0.2	1.5	**0.9**	0.05	0.11	20	0.4	1.6	**0.6**	0.02	0.07	*C17*
Colon	485	5.7	40.5	**18.5**	0.80	2.11	421	7.6	33.8	**11.5**	0.55	1.20	*C18*
Rectum	375	4.4	31.3	**15.0**	0.80	1.78	241	4.4	19.3	**7.5**	0.39	0.85	*C19-20*
Anus	11	0.1	0.9	**0.5**	0.04	0.06	25	0.5	2.0	**0.7**	0.04	0.08	*C21*
Liver	210	2.5	17.5	**9.0**	0.48	1.20	38	0.7	3.1	**1.3**	0.08	0.13	*C22*
Gallbladder etc.	30	0.4	2.5	**1.2**	0.06	0.15	44	0.8	3.5	**1.0**	0.04	0.10	*C23-24*
Pancreas	160	1.9	13.4	**7.3**	0.42	0.90	133	2.4	10.7	**4.0**	0.21	0.44	*C25*
Nose, sinuses etc.	28	0.3	2.3	**1.4**	0.07	0.16	14	0.3	1.1	**0.6**	0.03	0.07	*C30-31*
Larynx	136	1.6	11.4	**7.1**	0.54	0.85	17	0.3	1.4	**0.9**	0.07	0.11	*C32*
Trachea, bronchus and lung	1029	12.1	85.9	**49.2**	3.29	6.21	245	4.4	19.7	**10.6**	0.78	1.19	*C33-34*
Other thoracic organs	6	0.1	0.5	**0.2**	0.02	0.02	7	0.1	0.6	**0.2**	0.01	0.01	*C37-38*
Bone	10	0.1	0.8	**0.6**	0.04	0.04	8	0.1	0.6	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	131	1.5	10.9	**6.6**	0.43	0.72	203	3.7	16.3	**9.1**	0.66	0.93	*C43*
Other skin	3		0.3	**0.1**	0.00	0.00	1		0.1	**0.0**	0.00	0.01	*C44*
Mesothelioma	36	0.4	3.0	**1.5**	0.07	0.18	9	0.2	0.7	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	42	0.5	3.5	**2.7**	0.19	0.24	34	0.6	2.7	**1.5**	0.10	0.15	*C47+C49*
Breast	12	0.1	1.0	**0.5**	0.03	0.07	1922	34.8	154.3	**89.1**	6.87	10.36	*C50*
Vulva							21	0.4	1.7	**0.8**	0.03	0.07	*C51*
Vagina							3	0.1	0.2	**0.1**	0.01	0.01	*C52*
Cervix uteri							113	2.0	9.1	**6.7**	0.54	0.65	*C53*
Corpus uteri							266	4.8	21.4	**10.7**	0.79	1.35	*C54*
Uterus unspecified							4	0.1	0.3	**0.1**	0.00	0.01	*C55*
Ovary							240	4.3	19.3	**9.8**	0.69	1.16	*C56*
Other female genital organs							21	0.4	1.7	**0.6**	0.02	0.07	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	19	0.2	1.6	**0.9**	0.06	0.10							*C60*
Prostate	2814	33.1	235.0	**116.4**	5.04	15.77							*C61*
Testis	60	0.7	5.0	**5.2**	0.39	0.40							*C62*
Other male genital organs	1	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	195	2.3	16.3	**9.4**	0.65	1.10	103	1.9	8.3	**3.2**	0.19	0.38	*C64*
Renal pelvis	16	0.2	1.3	**0.7**	0.04	0.09	3	0.1	0.2	**0.1**	0.00	0.01	*C65*
Ureter	9	0.1	0.8	**0.4**	0.03	0.05	3	0.1	0.2	**0.1**	0.01	0.01	*C66*
†Bladder	498	5.9	41.6	**20.2**	0.96	2.51	133	2.4	10.7	**3.7**	0.17	0.41	*C67*
Other urinary organs	2	0.0	0.2	**0.0**	0.00	0.00	2	0.0	0.2	**0.0**	0.00	0.00	*C68*
Eye	7	0.1	0.6	**0.5**	0.02	0.03	6	0.1	0.5	**0.4**	0.03	0.03	*C69*
Brain, nervous system	107	1.3	8.9	**6.2**	0.44	0.66	77	1.4	6.2	**4.1**	0.26	0.43	*C70-72*
Thyroid	51	0.6	4.3	**3.5**	0.27	0.32	127	2.3	10.2	**8.1**	0.64	0.76	*C73*
Adrenal gland	3	0.0	0.3	**0.3**	0.02	0.02	4	0.1	0.3	**0.3**	0.02	0.03	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	41	0.5	3.4	**3.1**	0.19	0.26	34	0.6	2.7	**2.6**	0.18	0.20	*C81*
Non-Hodgkin lymphoma	216	2.5	18.0	**9.9**	0.47	1.11	178	3.2	14.3	**5.7**	0.30	0.60	*C82-85,C96*
Immunoproliferative diseases	38	0.4	3.2	**1.3**	0.04	0.14	22	0.4	1.8	**0.7**	0.04	0.11	*C88*
Multiple myeloma	76	0.9	6.3	**3.1**	0.15	0.38	84	1.5	6.7	**2.5**	0.12	0.30	*C90*
Lymphoid leukaemia	148	1.7	12.4	**7.2**	0.35	0.79	87	1.6	7.0	**3.9**	0.22	0.37	*C91*
Myeloid leukaemia	75	0.9	6.3	**3.4**	0.15	0.37	53	1.0	4.3	**1.6**	0.08	0.16	*C92-94*
Leukaemia unspecified	1	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	71	0.8	5.9	**3.1**	0.17	0.38	71	1.3	5.7	**2.8**	0.19	0.33	*MPD*
Myelodysplastic syndromes	80	0.9	6.7	**2.8**	0.06	0.23	83	1.5	6.7	**2.0**	0.06	0.24	*MDS*
Other and unspecified	179	2.1	15.0	**7.5**	0.39	0.85	148	2.7	11.9	**4.2**	0.21	0.47	*O&U*
All sites	8495		709.6	**376.7**	20.50	46.17	5519		443.1	**222.1**	15.15	24.81	*C00-96*
All sites except C44	8492	100.0	709.3	**376.6**	20.50	46.17	5518	100.0	443.0	**222.0**	15.15	24.80	*C00-96 exc. C44*

†*See note following population pyramid

France, Somme

REGISTRATION AREA

The Somme Cancer Registry covers the department of Somme in the Picardy region of France. The western half of Somme is both rural and industrial, with a large industrial area around the city of Amiens. Cereal and industrial crops are grown in the east. In 2013, the population was 571 000, with 133 000 residents in Amiens and fewer than 30 000 residents in each of the other towns.

CANCER CARE FACILITIES

Cancer treatment is provided in six towns in Somme, in regional university hospitals, general hospitals, and clinics. There are no cancer centres, but chemotherapy and radiotherapy are offered at two institutions. In 90% of cases, residents are treated entirely within the registration area. Multidisciplinary consultation meetings have become essential for the organization of care.

REGISTRY STRUCTURE AND METHODS

The registry is subject to the French Associations Bill of 1901. It is funded by the Institute for Public Health Surveillance, the National Cancer Institute, the departmental committee of the French League Against Cancer, and the Regional Council of Picardy. It is part of the French network of cancer registries (FRANCIM). The registry employs an epidemiologist, a technical director, four cancer registrars, and a data manager. Cancer is not a reportable disease. Data are actively collected from medical and administrative records, and 94 additional sources are solicited for notifications. The registrars consult medical and administrative files to validate and update incident cases. All identifying information is confidential, and the registry's operation is monitored by the National Commission on Information Technology and Civil Liberties. Regular data checks ensure quality and consistency, and data quality is verified every 4 years by the National Committee of Registries.

INTERPRETING THE RESULTS

The registry began using new sources in the 2000s, which improved data completeness. Screening programmes for breast and colorectal cancers began in 1990 and 2007, respectively. Prostate-specific antigen (PSA) testing was introduced in 1996.

USE OF THE DATA

The registry publishes descriptive epidemiology analyses and performs studies both independently and in collaboration with other registries. The registry is a member of the regional oncology network, and its data are used for planning and developing care and screening programmes.

CONTRIBUTORS

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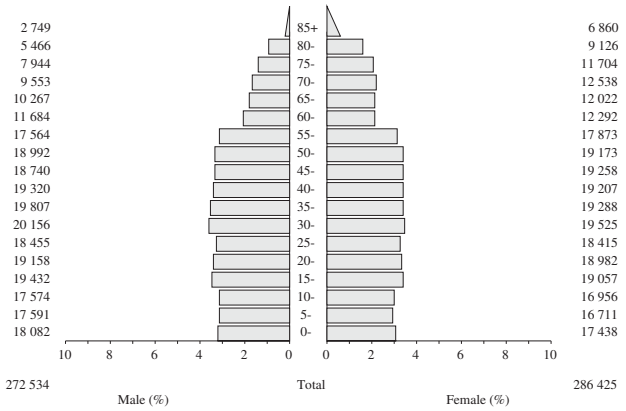
France, Somme (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the French National Institute of Statistics and Economic Studies (INSEE; http://www.insee.fr/).

NOTES ON THE DATA

*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	120.0	Breast	105.2
Trachea, bronchus and lung	63.4	Colon	14.5
Colon	22.7	Corpus uteri	13.6
Rectum	16.1	Thyroid	12.0
Bladder	14.7	Trachea, bronchus and lung	10.3
Oesophagus	13.8	Ovary	10.1
Non-melanoma skin cancer	12.7	Melanoma of skin	9.5
Non-Hodgkin lymphoma	12.0	Cervix uteri	9.1
Kidney	10.7	Rectum	8.3
Liver	10.1	Non-Hodgkin lymphoma	7.2
All sites	429.3	All sites	271.5

*France, Somme (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	39	0.4	2.9	**1.7**	0.07	0.24	18	0.3	1.3	**0.4**	0.00	0.05	*C00*
Tongue	97	1.1	7.1	**4.9**	0.39	0.56	31	0.5	2.2	**1.6**	0.11	0.19	*C01-02*
Mouth	145	1.6	10.6	**7.5**	0.65	0.88	38	0.6	2.7	**1.7**	0.11	0.21	*C03-06*
Salivary glands	17	0.2	1.2	**0.7**	0.05	0.07	10	0.2	0.7	**0.4**	0.03	0.03	*C07-08*
Tonsil	84	0.9	6.2	**4.3**	0.36	0.49	20	0.3	1.4	**1.0**	0.09	0.13	*C09*
Other oropharynx	65	0.7	4.8	**3.4**	0.26	0.42	16	0.2	1.1	**0.7**	0.06	0.09	*C10*
Nasopharynx	11	0.1	0.8	**0.6**	0.06	0.07	3	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	146	1.6	10.7	**7.7**	0.61	0.98	13	0.2	0.9	**0.6**	0.05	0.09	*C12-13*
Pharynx unspecified	41	0.5	3.0	**2.1**	0.17	0.27	5	0.1	0.3	**0.3**	0.02	0.04	*C14*
Oesophagus	290	3.2	21.3	**13.8**	0.94	1.71	47	0.7	3.3	**1.5**	0.09	0.18	*C15*
Stomach	226	2.5	16.6	**9.5**	0.45	1.16	109	1.7	7.6	**3.3**	0.16	0.35	*C16*
Small intestine	29	0.3	2.1	**1.4**	0.09	0.15	29	0.4	2.0	**1.0**	0.06	0.09	*C17*
Colon	554	6.2	40.7	**22.7**	1.03	2.66	472	7.2	33.0	**14.5**	0.64	1.70	*C18*
Rectum	349	3.9	25.6	**16.1**	0.83	2.04	243	3.7	17.0	**8.3**	0.46	0.95	*C19-20*
Anus	16	0.2	1.2	**0.6**	0.04	0.07	29	0.4	2.0	**1.2**	0.10	0.14	*C21*
Liver	221	2.5	16.2	**10.1**	0.48	1.41	78	1.2	5.4	**2.4**	0.08	0.31	*C22*
Gallbladder etc.	41	0.5	3.0	**1.8**	0.08	0.22	77	1.2	5.4	**2.3**	0.13	0.23	*C23-24*
Pancreas	162	1.8	11.9	**7.4**	0.43	0.97	166	2.5	11.6	**5.1**	0.23	0.61	*C25*
Nose, sinuses etc.	28	0.3	2.1	**1.3**	0.07	0.13	5	0.1	0.3	**0.2**	0.01	0.03	*C30-31*
Larynx	193	2.1	14.2	**9.7**	0.67	1.26	13	0.2	0.9	**0.6**	0.05	0.07	*C32*
Trachea, bronchus and lung	1353	15.1	99.3	**63.4**	3.91	8.03	261	4.0	18.2	**10.3**	0.72	1.16	*C33-34*
Other thoracic organs	21	0.2	1.5	**1.2**	0.06	0.12	9	0.1	0.6	**0.3**	0.01	0.04	*C37-38*
Bone	18	0.2	1.3	**1.4**	0.09	0.11	24	0.4	1.7	**1.3**	0.08	0.12	*C40-41*
Melanoma of skin	141	1.6	10.3	**7.3**	0.52	0.79	210	3.2	14.7	**9.5**	0.67	0.97	*C43*
Other skin	351		25.8	**12.7**	0.35	1.21	248		17.3	**5.4**	0.10	0.47	*C44*
Mesothelioma	40	0.4	2.9	**1.6**	0.10	0.18	18	0.3	1.3	**0.5**	0.02	0.08	*C45*
Kaposi sarcoma	3	0.0	0.2	**0.1**	0.01	0.01	2	0.0	0.1	**0.2**	0.01	0.01	*C46*
Connective and soft tissue	48	0.5	3.5	**2.9**	0.18	0.25	26	0.4	1.8	**1.1**	0.08	0.11	*C47+C49*
Breast	21	0.2	1.5	**0.9**	0.04	0.12	2285	34.9	159.6	**105.2**	8.17	11.94	*C50*
Vulva							29	0.4	2.0	**0.9**	0.05	0.10	*C51*
Vagina							12	0.2	0.8	**0.3**	0.01	0.02	*C52*
Cervix uteri							184	2.8	12.8	**9.1**	0.69	0.92	*C53*
Corpus uteri							353	5.4	24.6	**13.6**	0.82	1.89	*C54*
Uterus unspecified							17	0.3	1.2	**0.6**	0.03	0.07	*C55*
Ovary							238	3.6	16.6	**10.1**	0.72	1.12	*C56*
Other female genital organs							22	0.3	1.5	**0.7**	0.03	0.06	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	19	0.2	1.4	**1.0**	0.07	0.10							*C60*
Prostate	2656	29.6	194.9	**120.0**	5.67	16.66							*C61*
Testis	69	0.8	5.1	**4.7**	0.34	0.35							*C62*
Other male genital organs	4	0.0	0.3	**0.2**	0.01	0.04							*C63*
Kidney	229	2.6	16.8	**10.7**	0.59	1.29	145	2.2	10.1	**5.6**	0.30	0.69	*C64*
Renal pelvis	17	0.2	1.2	**0.7**	0.03	0.08	10	0.2	0.7	**0.3**	0.01	0.04	*C65*
Ureter	16	0.2	1.2	**0.6**	0.01	0.06	5	0.1	0.3	**0.1**	0.00	0.02	*C66*
Bladder	362	4.0	26.6	**14.7**	0.60	1.82	92	1.4	6.4	**2.4**	0.09	0.28	*C67*
Other urinary organs	11	0.1	0.8	**0.4**	0.01	0.05	3	0.0	0.2	**0.0**	0.00	0.00	*C68*
Eye	17	0.2	1.2	**0.8**	0.03	0.07	14	0.2	1.0	**0.7**	0.04	0.06	*C69*
Brain, nervous system	86	1.0	6.3	**5.1**	0.30	0.47	80	1.2	5.6	**3.7**	0.23	0.38	*C70-72*
Thyroid	66	0.7	4.8	**3.7**	0.27	0.41	229	3.5	16.0	**12.0**	1.01	1.24	*C73*
Adrenal gland	9	0.1	0.7	**0.6**	0.03	0.06	3	0.0	0.2	**0.2**	0.02	0.02	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	36	0.4	2.6	**2.2**	0.16	0.19	35	0.5	2.4	**2.5**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	254	2.8	18.6	**12.0**	0.71	1.38	201	3.1	14.0	**7.2**	0.39	0.86	*C82-85,C96*
Immunoproliferative diseases	12	0.1	0.9	**0.5**	0.03	0.06	8	0.1	0.6	**0.2**	0.02	0.02	*C88*
Multiple myeloma	90	1.0	6.6	**4.0**	0.20	0.49	77	1.2	5.4	**2.5**	0.10	0.34	*C90*
Lymphoid leukaemia	144	1.6	10.6	**7.4**	0.36	0.87	92	1.4	6.4	**3.3**	0.17	0.34	*C91*
Myeloid leukaemia	96	1.1	7.0	**5.0**	0.29	0.55	70	1.1	4.9	**3.2**	0.20	0.34	*C92-94*
Leukaemia unspecified	3	0.0	0.2	**0.1**	0.00	0.02	10	0.2	0.7	**0.5**	0.02	0.05	*C95*
Myeloproliferative disorders	78	0.9	5.7	**3.5**	0.17	0.39	74	1.1	5.2	**2.6**	0.18	0.28	*MPD*
Myelodysplastic syndromes	79	0.9	5.8	**3.0**	0.08	0.33	72	1.1	5.0	**1.6**	0.04	0.15	*MDS*
Other and unspecified	226	2.5	16.6	**9.7**	0.60	1.07	212	3.2	14.8	**6.4**	0.29	0.68	*O&U*
All sites	9331		684.8	**429.3**	23.56	53.37	6795		474.5	**271.5**	17.99	30.55	*C00-96*
All sites except C44	8980	100.0	659.0	**416.6**	23.21	52.16	6547	100.0	457.2	**266.1**	17.89	30.07	*C00-96 exc. C44*

*See note following population pyramid

France, Tarn

REGISTRATION AREA
The Tarn Cancer Registry covers the department of Tarn in the Midi-Pyrénées region of southern France. The population is 362 000.

CANCER CARE FACILITIES
The level of medical coverage in Tarn is relatively high. The department has five pathologists, two oncologists, two radiotherapists, four public hospitals, and four private clinics. Some cancer patients are referred to the university hospital or the regional cancer control centre, both located in Toulouse, the regional capital.

REGISTRY STRUCTURE AND METHODS
The registry operates as a non-profit association. It is funded by the General Council of Tarn, the departmental committee of the French League Against Cancer, and the Institute for Public Health Surveillance. The registry staff consists of 11 people (7.5 full-time equivalents), who are responsible for both registration and research activities. Notifications are systematically checked and completed by consulting medical files. The data are coded by specially trained coders. The registry's database is declared to the National Commission on Information Technology and Civil Liberties.

INTERPRETING THE RESULTS
The apparent doubling of the observed incidence of bladder cancer in Tarn since the previous volume of *Cancer Incidence in Five Continents* is due to the inclusion of non-invasive bladder tumours in the data for this volume. The incidence rates of invasive tumours are relatively stable, at about 15 cases per 100 000 males and 2 cases per 100 000 females. The incidence of kidney cancer is increasing in France overall, and more rapidly in Tarn. This trend is assumed to be due to increased urological monitoring in men of this age, and to increased diagnosis after incidental discovery in women. The registry is involved in the European Randomized Study of Screening for Prostate Cancer; the first screening campaign in Tarn, in 2004, at least partly explains the observed increase in the incidence of prostate cancer in the area.

USE OF THE DATA
The registry performs a variety of studies, both independently and in collaboration with other registries. The topics investigated include cancer incidence, time trends, and prevalence, as well as diagnostic and therapeutic practices for cancers at selected sites.

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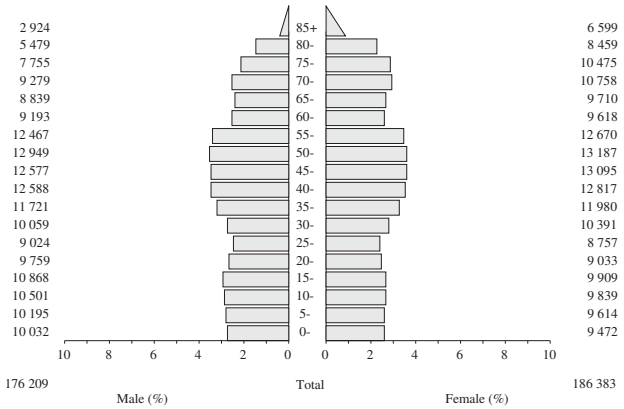
France, Tarn (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on data from the French National Institute of Statistics and Economic Studies (INSEE; http://www.insee.fr/).

NOTES ON THE DATA
*No DCO registrations. †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	117.3	Breast	93.2
Trachea, bronchus and lung	43.4	Corpus uteri	13.3
Bladder	28.7	Colon	13.1
Colon	17.8	Thyroid	12.4
Rectum	16.4	Trachea, bronchus and lung	11.4
Kidney	11.8	Rectum	9.0
Non-Hodgkin lymphoma	9.3	Cervix uteri	8.3
Other and unspecified	7.9	Ovary	8.2
Pancreas	7.5	Non-Hodgkin lymphoma	7.5
Melanoma of skin	7.1	Melanoma of skin	7.0
All sites	361.1	All sites	243.3

*France, Tarn (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	14	0.2	1.6	**0.7**	0.02	0.08	14	0.3	1.5	**0.6**	0.02	0.07	*C00*
Tongue	45	0.6	5.1	**2.9**	0.23	0.32	21	0.4	2.3	**1.0**	0.07	0.11	*C01-02*
Mouth	60	0.9	6.8	**3.7**	0.30	0.42	30	0.6	3.2	**1.3**	0.10	0.14	*C03-06*
Salivary glands	11	0.2	1.2	**0.5**	0.03	0.04	7	0.1	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	29	0.4	3.3	**2.0**	0.19	0.22	11	0.2	1.2	**0.8**	0.07	0.08	*C09*
Other oropharynx	23	0.3	2.6	**1.7**	0.16	0.18	3	0.1	0.3	**0.2**	0.02	0.02	*C10*
Nasopharynx	7	0.1	0.8	**0.8**	0.04	0.07	1	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	44	0.6	5.0	**3.0**	0.24	0.34	4	0.1	0.4	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	10	0.1	1.1	**0.8**	0.06	0.09	1	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	100	1.4	11.4	**5.8**	0.45	0.67	29	0.6	3.1	**1.4**	0.09	0.17	*C15*
Stomach	130	1.9	14.8	**6.7**	0.40	0.75	68	1.4	7.3	**2.0**	0.09	0.17	*C16*
Small intestine	20	0.3	2.3	**1.0**	0.05	0.13	16	0.3	1.7	**0.7**	0.05	0.09	*C17*
Colon	429	6.1	48.7	**17.8**	0.67	1.96	398	8.3	42.7	**13.1**	0.64	1.40	*C18*
Rectum	336	4.8	38.1	**16.4**	0.78	1.98	223	4.7	23.9	**9.0**	0.51	1.08	*C19-20*
Anus	9	0.1	1.0	**0.4**	0.04	0.05	19	0.4	2.0	**0.8**	0.05	0.10	*C21*
Liver	120	1.7	13.6	**6.0**	0.32	0.71	45	0.9	4.8	**1.7**	0.08	0.21	*C22*
Gallbladder etc.	43	0.6	4.9	**1.9**	0.07	0.16	53	1.1	5.7	**1.4**	0.05	0.13	*C23-24*
Pancreas	150	2.1	17.0	**7.5**	0.45	0.89	153	3.2	16.4	**5.2**	0.22	0.59	*C25*
Nose, sinuses etc.	23	0.3	2.6	**1.3**	0.06	0.15	5	0.1	0.5	**0.4**	0.02	0.03	*C30-31*
Larynx	88	1.3	10.0	**5.0**	0.33	0.62	9	0.2	1.0	**0.6**	0.05	0.07	*C32*
Trachea, bronchus and lung	830	11.9	94.2	**43.4**	2.55	5.18	229	4.8	24.6	**11.4**	0.74	1.27	*C33-34*
Other thoracic organs	11	0.2	1.2	**0.9**	0.07	0.10	3	0.1	0.3	**0.1**	0.01	0.02	*C37-38*
Bone	20	0.3	2.3	**1.5**	0.10	0.14	10	0.2	1.1	**0.8**	0.06	0.07	*C40-41*
Melanoma of skin	121	1.7	13.7	**7.1**	0.46	0.80	125	2.6	13.4	**7.0**	0.47	0.78	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	0		0.0	**0.0**	0.00	0.00	*C44*
Mesothelioma	22	0.3	2.5	**1.1**	0.06	0.12	8	0.2	0.9	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	2	0.0	0.2	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	31	0.4	3.5	**2.3**	0.15	0.23	18	0.4	1.9	**1.0**	0.06	0.09	*C47+C49*
Breast	9	0.1	1.0	**0.4**	0.02	0.06	1570	32.9	168.5	**93.2**	7.08	10.69	*C50*
Vulva							20	0.4	2.1	**0.8**	0.03	0.08	*C51*
Vagina							5	0.1	0.5	**0.2**	0.02	0.02	*C52*
Cervix uteri							121	2.5	13.0	**8.3**	0.66	0.83	*C53*
Corpus uteri							255	5.3	27.4	**13.3**	0.98	1.68	*C54*
Uterus unspecified							8	0.2	0.9	**0.2**	0.01	0.02	*C55*
Ovary							147	3.1	15.8	**8.2**	0.62	0.95	*C56*
Other female genital organs							5	0.1	0.5	**0.3**	0.03	0.04	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	17	0.2	1.9	**0.7**	0.03	0.06							*C60*
Prostate	2349	33.6	266.6	**117.3**	5.76	15.54							*C61*
Testis	55	0.8	6.2	**6.4**	0.49	0.49							*C62*
Other male genital organs	1	0.0	0.1	**0.0**	0.00	0.00							*C63*
Kidney	214	3.1	24.3	**11.8**	0.67	1.34	122	2.6	13.1	**6.2**	0.37	0.69	*C64*
Renal pelvis	20	0.3	2.3	**0.9**	0.06	0.10	9	0.2	1.0	**0.1**	0.00	0.01	*C65*
Ureter	10	0.1	1.1	**0.5**	0.00	0.07	5	0.1	0.5	**0.1**	0.00	0.01	*C66*
†Bladder	617	8.8	70.0	**28.7**	1.33	3.33	137	2.9	14.7	**5.2**	0.31	0.57	*C67*
Other urinary organs	12	0.2	1.4	**0.5**	0.00	0.07	5	0.1	0.5	**0.1**	0.00	0.00	*C68*
Eye	9	0.1	1.0	**0.4**	0.03	0.06	7	0.1	0.8	**0.3**	0.02	0.03	*C69*
Brain, nervous system	95	1.4	10.8	**6.8**	0.43	0.72	76	1.6	8.2	**4.6**	0.30	0.45	*C70-72*
Thyroid	50	0.7	5.7	**3.7**	0.33	0.42	145	3.0	15.6	**12.4**	1.04	1.20	*C73*
Adrenal gland	3	0.0	0.3	**0.3**	0.01	0.01	5	0.1	0.5	**0.4**	0.03	0.03	*C74*
Other endocrine	3	0.0	0.3	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	35	0.5	4.0	**2.6**	0.17	0.25	19	0.4	2.0	**2.2**	0.14	0.18	*C81*
Non-Hodgkin lymphoma	181	2.6	20.5	**9.3**	0.56	1.01	152	3.2	16.3	**7.5**	0.42	0.81	*C82-85,C96*
Immunoproliferative diseases	17	0.2	1.9	**0.7**	0.02	0.08	8	0.2	0.9	**0.3**	0.02	0.05	*C88*
Multiple myeloma	70	1.0	7.9	**3.4**	0.17	0.35	66	1.4	7.1	**2.4**	0.12	0.27	*C90*
Lymphoid leukaemia	84	1.2	9.5	**5.5**	0.35	0.54	45	0.9	4.8	**3.5**	0.20	0.32	*C91*
Myeloid leukaemia	82	1.2	9.3	**4.1**	0.20	0.41	58	1.2	6.2	**2.8**	0.18	0.29	*C92-94*
Leukaemia unspecified	1	0.0	0.1	**0.0**	0.00	0.00	4	0.1	0.4	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	57	0.8	6.5	**2.9**	0.14	0.31	34	0.7	3.6	**1.4**	0.08	0.14	*MPD*
Myelodysplastic syndromes	101	1.4	11.5	**3.6**	0.09	0.31	76	1.6	8.2	**1.9**	0.05	0.18	*MDS*
Other and unspecified	171	2.4	19.4	**7.9**	0.37	0.77	172	3.6	18.5	**5.2**	0.23	0.48	*O&U*
All sites	6991		793.5	**361.1**	19.54	42.73	4779		512.8	**243.3**	16.48	26.82	*C00-96*
All sites except C44	6991	100.0	793.5	**361.1**	19.54	42.73	4779	100.0	512.8	**243.3**	16.48	26.82	*C00-96 exc. C44*

†*See note following population pyramid

France, Vendée

REGISTRATION AREA
The Vendée Cancer Registry covers the population of the department of Vendée, which is located in the Pays de la Loire region of western France. At the 1999 census, the population was 540 000. About 25% of Vendée residents live in urban areas.

CANCER CARE FACILITIES
There are 12 public and 19 private hospitals in Vendée. The department has 821 general practitioners and 556 specialists.

REGISTRY STRUCTURE AND METHODS
The Vendée Cancer Registry is part of the general population-based Loire-Atlantique and Vendée Cancer Registry, which was created in 1998 and is one of the largest registries in France. The Loire-Atlantique and Vendée Cancer Registry is affiliated with the French network of cancer registries (FRANCIM) and is administered by a non-profit association according to the French Associations Bill of 1901. It is funded by the Institute for Public Health Surveillance, the National Cancer Institute, and local organizations. The registry is staffed by two medical epidemiologists, a part-time histopathologist, and other employees filling 12.4 full-time equivalent positions. Data are actively collected from the medical records of several data sources (primarily pathologists, medical information systems in hospitals and clinics, and health insurance notifications). The use of death certificates as a data source for cancer registration is prohibited by French law. Although cancer is not a reportable disease, some registration forms are received from private practitioners. The quality of the registry data is verified every 4 years by the National Committee of Registries, and the registry's confidentiality practices are monitored by the National Commission on Information Technology and Civil Liberties.

INTERPRETING THE RESULTS
Vendée has an organized breast cancer screening programme for women aged 50–74 years, which was started in 2002.

USE OF THE DATA
The registry publishes basic descriptive data in its annual reports and participates in national collaborative studies. It has also participated in several special studies, such as evaluations of clinical care for breast cancer and colon cancer and survival.

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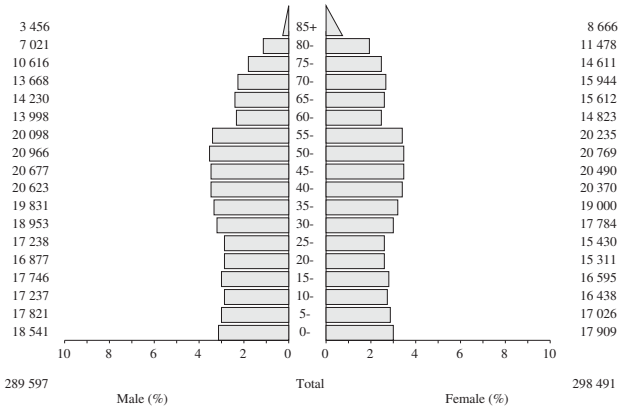
France, Vendée (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on data from the French National Institute of Statistics and Economic Studies (INSEE; http://www.insee.fr/).

NOTES ON THE DATA
*No DCO registrations. †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	108.9	Breast	94.6
Trachea, bronchus and lung	38.6	Thyroid	18.0
Colon	23.5	Colon	14.7
Bladder	18.6	Trachea, bronchus and lung	10.9
Rectum	14.5	Melanoma of skin	9.3
Liver	12.7	Corpus uteri	8.4
Non-Hodgkin lymphoma	11.9	Non-Hodgkin lymphoma	8.2
Kidney	10.1	Ovary	7.6
Melanoma of skin	8.7	Rectum	6.8
Other and unspecified	8.3	Other and unspecified	4.4
All sites	358.2	All sites	234.4

*France, Vendée (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	28	0.3	1.9	**0.9**	0.05	0.10	6	0.1	0.4	**0.1**	0.00	0.00	*C00*
Tongue	104	1.1	7.2	**4.5**	0.37	0.53	15	0.2	1.0	**0.6**	0.03	0.08	*C01-02*
Mouth	115	1.2	7.9	**5.2**	0.46	0.58	47	0.7	3.1	**1.6**	0.12	0.19	*C03-06*
Salivary glands	19	0.2	1.3	**0.8**	0.05	0.10	4	0.1	0.3	**0.1**	0.01	0.01	*C07-08*
Tonsil	63	0.6	4.4	**2.7**	0.21	0.30	11	0.2	0.7	**0.5**	0.03	0.05	*C09*
Other oropharynx	74	0.8	5.1	**3.2**	0.25	0.37	9	0.1	0.6	**0.4**	0.04	0.04	*C10*
Nasopharynx	7	0.1	0.5	**0.3**	0.02	0.03	1	0.0	0.1	**0.0**	0.00	0.00	*C11*
Hypopharynx	120	1.2	8.3	**4.9**	0.39	0.59	8	0.1	0.5	**0.4**	0.04	0.05	*C12-13*
Pharynx unspecified	18	0.2	1.2	**0.7**	0.06	0.09	1	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	217	2.2	15.0	**8.0**	0.51	0.95	38	0.6	2.5	**1.1**	0.08	0.13	*C15*
Stomach	226	2.3	15.6	**7.5**	0.32	0.87	107	1.6	7.2	**2.6**	0.11	0.31	*C16*
Small intestine	40	0.4	2.8	**1.6**	0.10	0.21	21	0.3	1.4	**0.5**	0.04	0.06	*C17*
Colon	708	7.3	48.9	**23.5**	1.11	2.79	598	9.1	40.1	**14.7**	0.74	1.66	*C18*
Rectum	424	4.4	29.3	**14.5**	0.77	1.78	253	3.8	17.0	**6.8**	0.36	0.78	*C19-20*
Anus	11	0.1	0.8	**0.4**	0.03	0.04	36	0.5	2.4	**1.3**	0.11	0.15	*C21*
Liver	354	3.6	24.4	**12.7**	0.65	1.81	48	0.7	3.2	**1.5**	0.07	0.21	*C22*
Gallbladder etc.	26	0.3	1.8	**0.9**	0.05	0.12	59	0.9	4.0	**1.5**	0.08	0.17	*C23-24*
Pancreas	161	1.7	11.1	**5.9**	0.34	0.69	126	1.9	8.4	**3.7**	0.22	0.46	*C25*
Nose, sinuses etc.	34	0.3	2.3	**1.2**	0.08	0.16	11	0.2	0.7	**0.3**	0.02	0.02	*C30-31*
Larynx	155	1.6	10.7	**6.0**	0.43	0.72	13	0.2	0.9	**0.5**	0.04	0.07	*C32*
Trachea, bronchus and lung	1004	10.3	69.3	**38.6**	2.56	4.93	300	4.5	20.1	**10.9**	0.80	1.30	*C33-34*
Other thoracic organs	18	0.2	1.2	**0.7**	0.04	0.08	12	0.2	0.8	**0.4**	0.02	0.04	*C37-38*
Bone	23	0.2	1.6	**1.4**	0.09	0.13	18	0.3	1.2	**1.1**	0.07	0.10	*C40-41*
Melanoma of skin	204	2.1	14.1	**8.7**	0.63	0.91	244	3.7	16.3	**9.3**	0.69	1.00	*C43*
Other skin	2		0.1	**0.1**	0.01	0.01	1		0.1	**0.0**	0.00	0.01	*C44*
Mesothelioma	30	0.3	2.1	**1.0**	0.05	0.13	8	0.1	0.5	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	48	0.5	3.3	**2.5**	0.17	0.25	28	0.4	1.9	**1.2**	0.09	0.12	*C47+C49*
Breast	19	0.2	1.3	**0.6**	0.03	0.06	2468	37.4	165.4	**94.6**	7.16	11.10	*C50*
Vulva							22	0.3	1.5	**0.9**	0.08	0.08	*C51*
Vagina							12	0.2	0.8	**0.3**	0.02	0.04	*C52*
Cervix uteri							97	1.5	6.5	**4.0**	0.31	0.40	*C53*
Corpus uteri							252	3.8	16.9	**8.4**	0.57	1.09	*C54*
Uterus unspecified							18	0.3	1.2	**0.6**	0.03	0.08	*C55*
Ovary							218	3.3	14.6	**7.6**	0.51	0.85	*C56*
Other female genital organs							7	0.1	0.5	**0.2**	0.01	0.02	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	10	0.1	0.7	**0.4**	0.02	0.04							*C60*
Prostate	3191	32.8	220.4	**108.9**	4.93	15.19							*C61*
Testis	95	1.0	6.6	**6.9**	0.50	0.51							*C62*
Other male genital organs	3	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	259	2.7	17.9	**10.1**	0.71	1.24	120	1.8	8.0	**4.3**	0.27	0.48	*C64*
Renal pelvis	24	0.2	1.7	**1.0**	0.07	0.13	9	0.1	0.6	**0.3**	0.01	0.04	*C65*
Ureter	10	0.1	0.7	**0.3**	0.01	0.04	5	0.1	0.3	**0.2**	0.01	0.02	*C66*
†Bladder	558	5.7	38.5	**18.6**	0.87	2.24	121	1.8	8.1	**2.8**	0.11	0.32	*C67*
Other urinary organs	4	0.0	0.3	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	10	0.1	0.7	**0.4**	0.03	0.05	8	0.1	0.5	**0.5**	0.03	0.03	*C69*
Brain, nervous system	122	1.3	8.4	**5.5**	0.36	0.65	94	1.4	6.3	**3.7**	0.22	0.46	*C70-72*
Thyroid	110	1.1	7.6	**5.4**	0.41	0.58	342	5.2	22.9	**18.0**	1.48	1.79	*C73*
Adrenal gland	9	0.1	0.6	**0.5**	0.03	0.06	5	0.1	0.3	**0.4**	0.02	0.03	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	49	0.5	3.4	**3.0**	0.21	0.24	44	0.7	2.9	**3.4**	0.21	0.24	*C81*
Non-Hodgkin lymphoma	310	3.2	21.4	**11.9**	0.71	1.32	281	4.3	18.8	**8.2**	0.43	0.89	*C82-85,C96*
Immunoproliferative diseases	39	0.4	2.7	**1.1**	0.02	0.15	23	0.3	1.5	**0.6**	0.04	0.07	*C88*
Multiple myeloma	114	1.2	7.9	**3.7**	0.16	0.44	79	1.2	5.3	**2.4**	0.14	0.31	*C90*
Lymphoid leukaemia	118	1.2	8.1	**5.2**	0.27	0.54	61	0.9	4.1	**2.6**	0.14	0.25	*C91*
Myeloid leukaemia	81	0.8	5.6	**3.4**	0.16	0.36	62	0.9	4.2	**2.4**	0.17	0.23	*C92-94*
Leukaemia unspecified	1	0.0	0.1	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	73	0.8	5.0	**2.7**	0.15	0.33	33	0.5	2.2	**1.2**	0.08	0.14	*MPD*
Myelodysplastic syndromes	49	0.5	3.4	**1.4**	0.02	0.16	29	0.4	1.9	**0.6**	0.02	0.09	*MDS*
Other and unspecified	232	2.4	16.0	**8.3**	0.49	0.95	161	2.4	10.8	**4.4**	0.24	0.46	*O&U*
All sites	9723		671.5	**358.2**	20.00	44.59	6597		442.0	**234.4**	16.16	26.60	*C00-96*
All sites except C44	9721	100.0	671.3	**358.1**	19.99	44.58	6596	100.0	442.0	**234.3**	16.16	26.59	*C00-96 exc. C44*

†*See note following population pyramid

Germany, Brandenburg

REGISTRATION AREA
The federal state of Brandenburg, located in north-eastern Germany, is one of six states covered by the Common Cancer Registry (CCR). Most of the state's population is Caucasian.

CANCER CARE FACILITIES
There are 47 hospitals in Brandenburg, most of which are affiliated with one of five regional tumour centres. Some of the hospitals specialize in oncology services, and most of the other hospitals also provide some cancer care. The regional tumour centres serve as focal points for cancer care; they are specific university hospitals and other hospitals that specialize in the diagnosis, treatment, and aftercare of cancer patients and in the documentation of related information.

REGISTRY STRUCTURE AND METHODS
Cancer notification became mandatory in Brandenburg in 2006, and patients should be informed about registry notification by their diagnosing physician. The major sources of notification in Brandenburg are the regional tumour centres, which each abstract all relevant information from the medical records of Brandenburg cancer patients seen in the affiliated hospitals and clinics and report them to the CCR. The tumour centres provide about 99% of all notifications, and the other 1% are received directly from physicians. Death certificates are provided to the registry by local health authorities.

INTERPRETING THE RESULTS
There are opportunistic screening programmes in Brandenburg for colon, prostate, cervical, and breast cancers. There are no known unusual environmental or occupational exposures in the area.

USE OF THE DATA
Brandenburg cancer data have been used for health services planning and epidemiological research. Linkage with the CCR has been performed for case–control and cohort studies. Reports on cancer incidence and mortality are published periodically.

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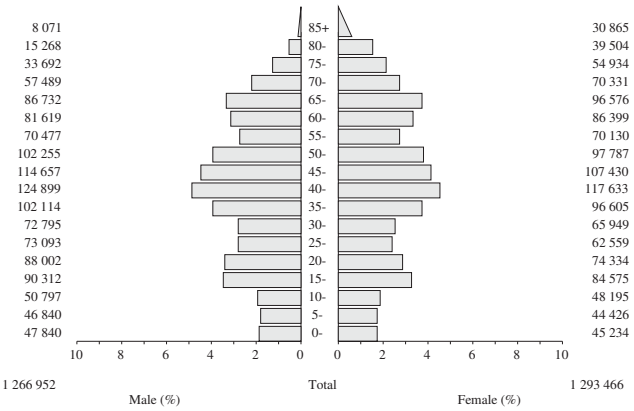
Germany, Brandenburg (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by Statistisches Amt der Länder, based on an October 1990 extract from the central Residents' Registration Office, which is annually updated to account for births, deaths, and migration.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	81.0	Breast	66.2
Non-melanoma skin cancer	50.2	Non-melanoma skin cancer	36.8
Trachea, bronchus and lung	49.2	Colon	16.4
Colon	25.3	Trachea, bronchus and lung	13.3
Bladder	23.6	Corpus uteri	12.4
Rectum	19.1	Rectum	9.3
Kidney	16.1	Cervix uteri	9.2
Stomach	14.5	Ovary	9.0
Pancreas	10.2	Kidney	8.2
Non-Hodgkin lymphoma	9.2	Melanoma of skin	7.6
All sites	397.3	All sites	265.7

Germany, Brandenburg (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	66	0.2	1.0	**0.5**	0.02	0.07	27	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	308	0.7	4.9	**2.9**	0.23	0.33	93	0.3	1.4	**0.7**	0.05	0.09	*C01-02*
Mouth	386	0.9	6.1	**3.6**	0.30	0.42	96	0.3	1.5	**0.7**	0.05	0.08	*C03-06*
Salivary glands	69	0.2	1.1	**0.6**	0.04	0.07	52	0.2	0.8	**0.4**	0.02	0.03	*C07-08*
Tonsil	260	0.6	4.1	**2.5**	0.22	0.29	54	0.2	0.8	**0.5**	0.04	0.06	*C09*
Other oropharynx	259	0.6	4.1	**2.4**	0.20	0.28	30	0.1	0.5	**0.2**	0.02	0.03	*C10*
Nasopharynx	48	0.1	0.8	**0.5**	0.03	0.05	16	0.1	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	315	0.8	5.0	**3.0**	0.26	0.35	28	0.1	0.4	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	31	0.1	0.5	**0.3**	0.03	0.03	4	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	813	2.0	12.8	**7.0**	0.45	0.89	191	0.6	3.0	**1.2**	0.07	0.13	*C15*
Stomach	1750	4.2	27.6	**14.5**	0.68	1.60	1195	3.7	18.5	**7.0**	0.34	0.77	*C16*
Small intestine	115	0.3	1.8	**1.0**	0.06	0.13	107	0.3	1.7	**0.7**	0.05	0.09	*C17*
Colon	3154	7.7	49.8	**25.3**	1.11	3.04	2906	9.1	44.9	**16.4**	0.77	1.84	*C18*
Rectum	2309	5.6	36.4	**19.1**	1.05	2.44	1549	4.8	24.0	**9.3**	0.50	1.10	*C19-20*
Anus	66	0.2	1.0	**0.6**	0.04	0.06	144	0.5	2.2	**1.0**	0.06	0.11	*C21*
Liver	832	2.0	13.1	**6.8**	0.30	0.84	466	1.5	7.2	**2.5**	0.09	0.28	*C22*
Gallbladder etc.	315	0.8	5.0	**2.5**	0.09	0.31	619	1.9	9.6	**3.2**	0.12	0.35	*C23-24*
Pancreas	1242	3.0	19.6	**10.2**	0.56	1.30	1103	3.4	17.1	**6.4**	0.31	0.76	*C25*
Nose, sinuses etc.	62	0.2	1.0	**0.5**	0.03	0.06	52	0.2	0.8	**0.4**	0.03	0.05	*C30-31*
Larynx	584	1.4	9.2	**5.1**	0.36	0.64	57	0.2	0.9	**0.5**	0.03	0.05	*C32*
Trachea, bronchus and lung	6125	14.9	96.7	**49.2**	2.34	6.17	2019	6.3	31.2	**13.3**	0.76	1.63	*C33-34*
Other thoracic organs	46	0.1	0.7	**0.5**	0.03	0.05	28	0.1	0.4	**0.2**	0.01	0.02	*C37-38*
Bone	75	0.2	1.2	**1.0**	0.06	0.09	82	0.3	1.3	**1.2**	0.08	0.09	*C40-41*
Melanoma of skin	853	2.1	13.5	**7.7**	0.49	0.87	865	2.7	13.4	**7.6**	0.55	0.78	*C43*
Other skin	6292		99.3	**50.2**	2.01	5.70	5859		90.6	**36.8**	2.04	4.20	*C44*
Mesothelioma	108	0.3	1.7	**0.9**	0.03	0.11	50	0.2	0.8	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	7	0.0	0.1	**0.1**	0.01	0.01	3	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	215	0.5	3.4	**2.1**	0.13	0.21	198	0.6	3.1	**1.9**	0.12	0.17	*C47+C49*
Breast	82	0.2	1.3	**0.6**	0.03	0.07	8359	26.1	129.2	**66.2**	4.87	7.42	*C50*
Vulva							301	0.9	4.7	**1.9**	0.10	0.21	*C51*
Vagina							62	0.2	1.0	**0.4**	0.02	0.04	*C52*
Cervix uteri							903	2.8	14.0	**9.2**	0.70	0.88	*C53*
Corpus uteri							1813	5.7	28.0	**12.4**	0.80	1.57	*C54*
Uterus unspecified							68	0.2	1.1	**0.3**	0.01	0.03	*C55*
Ovary							1252	3.9	19.4	**9.0**	0.58	1.07	*C56*
Other female genital organs							98	0.3	1.5	**0.6**	0.04	0.08	*C57*
Placenta							3	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	126	0.3	2.0	**1.1**	0.05	0.11							*C60*
Prostate	10341	25.1	163.2	**81.0**	3.44	10.78							*C61*
Testis	631	1.5	10.0	**8.6**	0.65	0.67							*C62*
Other male genital organs	9	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	1874	4.5	29.6	**16.1**	0.98	1.97	1180	3.7	18.2	**8.2**	0.46	1.00	*C64*
Renal pelvis	96	0.2	1.5	**0.8**	0.04	0.10	85	0.3	1.3	**0.5**	0.02	0.06	*C65*
Ureter	63	0.2	1.0	**0.5**	0.02	0.06	24	0.1	0.4	**0.1**	0.00	0.01	*C66*
†Bladder	2995	7.3	47.3	**23.6**	0.92	2.76	1096	3.4	16.9	**6.2**	0.27	0.73	*C67*
Other urinary organs	30	0.1	0.5	**0.2**	0.01	0.03	20	0.1	0.3	**0.1**	0.01	0.01	*C68*
Eye	77	0.2	1.2	**0.8**	0.04	0.08	82	0.3	1.3	**0.7**	0.04	0.08	*C69*
Brain, nervous system	613	1.5	9.7	**6.6**	0.41	0.67	520	1.6	8.0	**4.9**	0.30	0.50	*C70-72*
Thyroid	274	0.7	4.3	**2.7**	0.20	0.30	690	2.2	10.7	**7.0**	0.54	0.71	*C73*
Adrenal gland	14	0.0	0.2	**0.2**	0.02	0.02	16	0.1	0.2	**0.3**	0.02	0.02	*C74*
Other endocrine	17	0.0	0.3	**0.2**	0.01	0.02	11	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	186	0.5	2.9	**2.5**	0.16	0.20	161	0.5	2.5	**2.4**	0.16	0.18	*C81*
Non-Hodgkin lymphoma	1014	2.5	16.0	**9.2**	0.52	1.00	998	3.1	15.4	**6.9**	0.41	0.76	*C82-85,C96*
Immunoproliferative diseases	10	0.0	0.2	**0.1**	0.00	0.01	8	0.0	0.1	**0.0**	0.00	0.01	*C88*
Multiple myeloma	499	1.2	7.9	**4.1**	0.21	0.48	407	1.3	6.3	**2.6**	0.14	0.31	*C90*
Lymphoid leukaemia	597	1.4	9.4	**6.7**	0.34	0.62	430	1.3	6.6	**4.0**	0.19	0.34	*C91*
Myeloid leukaemia	381	0.9	6.0	**3.7**	0.19	0.38	374	1.2	5.8	**3.0**	0.17	0.30	*C92-94*
Leukaemia unspecified	36	0.1	0.6	**0.3**	0.01	0.03	58	0.2	0.9	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	837	2.0	13.2	**7.0**	0.33	0.73	944	3.0	14.6	**5.3**	0.22	0.50	*O&U*
All sites	47507		749.9	**397.3**	19.74	47.48	37856		585.3	**265.7**	16.26	29.63	*C00-96*
All sites except C44	41215	100.0	650.6	**347.1**	17.73	41.78	31997	100.0	494.7	**228.9**	14.22	25.43	*C00-96 exc. C44*

† See note following population pyramid

Germany, Bremen

REGISTRATION AREA

The Bremen Cancer Registry covers the Free Hanseatic City of Bremen (also called the State of Bremen), the smallest federal state in Germany. The state consists of two cities in northern Germany: Bremen and Bremerhaven, which account for 82% and 18% of the state's population, respectively. The cities are separated from each other and surrounded by the federal state of Lower Saxony. Almost all residents live in urban areas.

CANCER CARE FACILITIES

In 2005, there were 14 hospitals in the State of Bremen (10 in the city of Bremen and 4 in Bremerhaven), most of which offered cancer diagnosis and treatment, including four certified oncology centres for breast cancer and three radiotherapy facilities. Additional cancer centres are planned. As in all German states, health insurance is mandatory for the majority of the population.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1998 within the legal framework of the Bremen Cancer Registry Law. To protect data confidentiality, the registry is separated into two parts: a notification office, which receives notifications and generates a pseudonym for each case, and a registration office, which performs data analyses. The registry is funded by the government. Notification of new cancer cases has been mandatory for pathologists since 2001.

INTERPRETING THE RESULTS

The registry's build-up phase was completed in 2001; since then, the data have been estimated to be more than 95% complete, according to an annual review of incidence-to-mortality ratios and cancer incidence rates in established German cancer registries. An organized mammography screening programme was started in the city of Bremen in 2001. Opportunistic screening has been available for colorectal cancer (by colonoscopy) since 2002 and for skin cancer since 2008.

USE OF THE DATA

The registry publishes an annual report including incidence, extent of disease, and survival data. The most recent data are available through an online database (http://www.krebsregister.bremen.de/). Registry data are regularly used for third-party and registry research projects. The data are annually transmitted to a central federal institution (the Robert Koch Institute) and to the association of German cancer registries for national health reporting purposes. Periodic feedback is provided to notifying physicians.

CONTRIBUTORS

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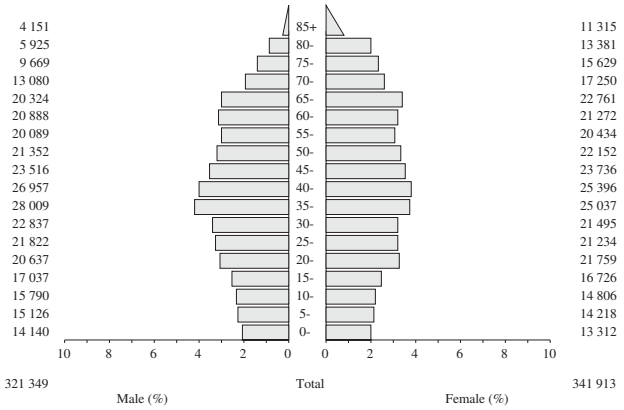
Germany, Bremen (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 1987 census and annual projections accounting for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	89.7	Breast	85.2
Prostate	68.8	Non-melanoma skin cancer	64.8
Trachea, bronchus and lung	61.0	Trachea, bronchus and lung	25.8
Bladder	26.8	Colon	19.2
Colon	24.5	Corpus uteri	13.3
Rectum	18.7	Ovary	10.6
Kidney	11.2	Rectum	10.2
Non-Hodgkin lymphoma	10.8	Non-Hodgkin lymphoma	8.2
Stomach	10.8	Cervix uteri	8.2
Pancreas	10.1	Melanoma of skin	8.0
All sites	439.7	All sites	328.7

Germany, Bremen (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	27	0.2	1.7	**0.9**	0.06	0.11	17	0.2	1.0	**0.3**	0.00	0.05	*C00*
Tongue	110	1.0	6.8	**3.9**	0.27	0.48	44	0.4	2.6	**1.4**	0.10	0.16	*C01-02*
Mouth	138	1.2	8.6	**5.1**	0.40	0.65	50	0.5	2.9	**1.4**	0.10	0.19	*C03-06*
Salivary glands	21	0.2	1.3	**0.7**	0.06	0.06	17	0.2	1.0	**0.5**	0.04	0.05	*C07-08*
Tonsil	71	0.6	4.4	**2.8**	0.22	0.33	23	0.2	1.3	**0.9**	0.08	0.10	*C09*
Other oropharynx	17	0.2	1.1	**0.5**	0.03	0.08	8	0.1	0.5	**0.3**	0.03	0.03	*C10*
Nasopharynx	7	0.1	0.4	**0.3**	0.02	0.03	9	0.1	0.5	**0.4**	0.03	0.04	*C11*
Hypopharynx	79	0.7	4.9	**3.1**	0.26	0.37	9	0.1	0.5	**0.3**	0.03	0.04	*C12-13*
Pharynx unspecified	10	0.1	0.6	**0.4**	0.03	0.04	8	0.1	0.5	**0.3**	0.03	0.03	*C14*
Oesophagus	225	2.0	14.0	**7.4**	0.45	0.90	91	0.9	5.3	**2.3**	0.16	0.26	*C15*
Stomach	356	3.2	22.2	**10.8**	0.53	1.23	299	3.0	17.5	**6.3**	0.30	0.72	*C16*
Small intestine	31	0.3	1.9	**1.0**	0.05	0.13	36	0.4	2.1	**0.8**	0.05	0.07	*C17*
Colon	841	7.6	52.3	**24.5**	0.95	2.92	1012	10.0	59.2	**19.2**	0.85	2.09	*C18*
Rectum	602	5.4	37.5	**18.7**	1.00	2.30	469	4.7	27.4	**10.2**	0.57	1.16	*C19-20*
Anus	29	0.3	1.8	**1.1**	0.08	0.13	35	0.3	2.0	**1.0**	0.06	0.12	*C21*
Liver	188	1.7	11.7	**5.9**	0.33	0.72	94	0.9	5.5	**1.7**	0.07	0.17	*C22*
Gallbladder etc.	67	0.6	4.2	**1.8**	0.06	0.19	92	0.9	5.4	**1.9**	0.11	0.21	*C23-24*
Pancreas	324	2.9	20.2	**10.1**	0.53	1.22	342	3.4	20.0	**6.6**	0.32	0.69	*C25*
Nose, sinuses etc.	9	0.1	0.6	**0.3**	0.02	0.05	7	0.1	0.4	**0.2**	0.01	0.02	*C30-31*
Larynx	183	1.7	11.4	**6.5**	0.48	0.80	24	0.2	1.4	**0.8**	0.06	0.10	*C32*
Trachea, bronchus and lung	1939	17.5	120.7	**61.0**	3.29	7.73	952	9.4	55.7	**25.8**	1.79	3.17	*C33-34*
Other thoracic organs	16	0.1	1.0	**0.5**	0.03	0.04	8	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	12	0.1	0.7	**0.8**	0.05	0.06	16	0.2	0.9	**1.0**	0.05	0.08	*C40-41*
Melanoma of skin	293	2.6	18.2	**9.7**	0.60	1.06	249	2.5	14.6	**8.0**	0.55	0.85	*C43*
Other skin	3052		189.9	**89.7**	3.75	10.54	2822		165.1	**64.8**	3.56	7.57	*C44*
Mesothelioma	199	1.8	12.4	**6.0**	0.30	0.75	35	0.3	2.0	**0.8**	0.05	0.10	*C45*
Kaposi sarcoma	8	0.1	0.5	**0.4**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	64	0.6	4.0	**2.3**	0.13	0.23	57	0.6	3.3	**1.5**	0.10	0.14	*C47+C49*
Breast	17	0.2	1.1	**0.5**	0.03	0.06	2829	28.1	165.5	**85.2**	6.26	9.78	*C50*
Vulva							90	0.9	5.3	**2.0**	0.11	0.19	*C51*
Vagina							18	0.2	1.1	**0.3**	0.01	0.03	*C52*
Cervix uteri							220	2.2	12.9	**8.2**	0.63	0.84	*C53*
Corpus uteri							492	4.9	28.8	**13.3**	0.86	1.70	*C54*
Uterus unspecified							18	0.2	1.1	**0.2**	0.00	0.00	*C55*
Ovary							378	3.8	22.1	**10.6**	0.68	1.21	*C56*
Other female genital organs							29	0.3	1.7	**0.7**	0.05	0.08	*C57*
Placenta							2	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	23	0.2	1.4	**0.7**	0.04	0.09							*C60*
Prostate	2374	21.4	147.8	**68.8**	2.69	8.93							*C61*
Testis	160	1.4	10.0	**8.7**	0.66	0.68							*C62*
Other male genital organs	6	0.1	0.4	**0.2**	0.00	0.03							*C63*
Kidney	330	3.0	20.5	**11.2**	0.64	1.32	214	2.1	12.5	**5.1**	0.28	0.58	*C64*
Renal pelvis	31	0.3	1.9	**1.0**	0.04	0.15	34	0.3	2.0	**0.8**	0.05	0.10	*C65*
Ureter	22	0.2	1.4	**0.7**	0.03	0.10	12	0.1	0.7	**0.2**	0.00	0.02	*C66*
†Bladder	923	8.3	57.4	**26.8**	1.11	3.16	357	3.5	20.9	**6.9**	0.32	0.78	*C67*
Other urinary organs	15	0.1	0.9	**0.4**	0.01	0.02	5	0.0	0.3	**0.1**	0.00	0.01	*C68*
Eye	11	0.1	0.7	**0.5**	0.03	0.05	11	0.1	0.6	**0.4**	0.02	0.05	*C69*
Brain, nervous system	129	1.2	8.0	**5.1**	0.32	0.55	141	1.4	8.2	**4.4**	0.30	0.45	*C70-72*
Thyroid	39	0.4	2.4	**1.8**	0.13	0.18	117	1.2	6.8	**4.7**	0.34	0.44	*C73*
Adrenal gland	7	0.1	0.4	**0.3**	0.02	0.03	6	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	1	0.0	0.1	**0.1**	0.01	0.01	3	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	51	0.5	3.2	**2.3**	0.16	0.20	37	0.4	2.2	**1.9**	0.12	0.13	*C81*
Non-Hodgkin lymphoma	317	2.9	19.7	**10.8**	0.60	1.28	337	3.3	19.7	**8.2**	0.46	0.96	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.1	**0.1**	0.00	0.01	4	0.0	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	130	1.2	8.1	**3.9**	0.18	0.47	110	1.1	6.4	**2.3**	0.12	0.28	*C90*
Lymphoid leukaemia	119	1.1	7.4	**4.3**	0.18	0.44	100	1.0	5.8	**3.2**	0.15	0.28	*C91*
Myeloid leukaemia	100	0.9	6.2	**3.3**	0.15	0.32	109	1.1	6.4	**2.4**	0.13	0.26	*C92-94*
Leukaemia unspecified	6	0.1	0.4	**0.3**	0.01	0.02	14	0.1	0.8	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	49	0.4	3.0	**1.6**	0.08	0.18	64	0.6	3.7	**1.5**	0.07	0.17	*MPD*
Myelodysplastic syndromes	73	0.7	4.5	**1.9**	0.04	0.21	83	0.8	4.9	**1.3**	0.04	0.13	*MDS*
Other and unspecified	271	2.4	16.9	**8.2**	0.40	0.89	240	2.4	14.0	**5.0**	0.24	0.52	*O&U*
All sites	14124		879.0	**439.7**	21.56	52.53	12899		754.5	**328.7**	20.45	37.32	*C00-96*
All sites except C44	11072	100.0	689.1	**350.0**	17.81	41.99	10077	100.0	589.4	**263.9**	16.89	29.75	*C00-96 exc. C44*

† See note following population pyramid

Germany, Free State of Saxony

REGISTRATION AREA
The Free State of Saxony, a federal state located in east-central Germany, is one of six states covered by the Common Cancer Registry (CCR). Most of the state's population is Caucasian.

CANCER CARE FACILITIES
There are 80 hospitals in Saxony, most of which are affiliated with one of six regional tumour centres. Some of the hospitals specialize in oncology services, and most of the other hospitals also provide some cancer care. The regional tumour centres serve as focal points for cancer care; they are specific university hospitals and other hospitals that specialize in the diagnosis, treatment, and aftercare of cancer patients and in the documentation of related information.

REGISTRY STRUCTURE AND METHODS
Cancer notification became mandatory in Saxony in 1993, and patients should be informed about registry notification by their diagnosing physician. The major sources of notification in Saxony are the regional tumour centres, which each abstract all relevant information from the medical records of Saxony cancer patients seen in the affiliated hospitals and clinics and report them to the CCR. The tumour centres provide about 99% of all notifications, and the other 1% are received directly from physicians. Death certificates are provided to the registry by local health authorities.

INTERPRETING THE RESULTS
There are opportunistic screening programmes in Saxony for colon, prostate, cervical, and breast cancers, as well as systematic screening for breast cancer. There may be elevated environmental and occupational exposure to certain types of dust in the area due to uranium mining in Saxony and Thuringia from the 1940s to 1990.

USE OF THE DATA
Saxony cancer data have been used for health services planning and epidemiological research. Linkage with the CCR has been performed for case–control and cohort studies. Reports on cancer incidence and mortality are published periodically.

CONTRIBUTORS
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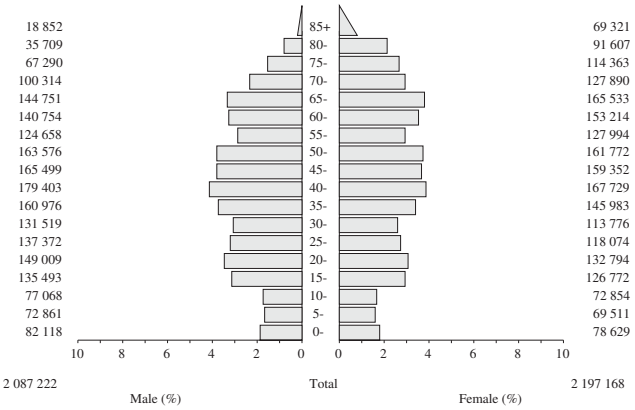
Germany, Free State of Saxony (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by Statistisches Amt der Länder, based on an October 1990 extract from the central Residents' Registration Office, which is annually updated to account for births, deaths, and migration.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	67.5	Breast	63.2
Non-melanoma skin cancer	51.7	Non-melanoma skin cancer	36.1
Trachea, bronchus and lung	41.5	Colon	16.0
Colon	24.4	Corpus uteri	13.3
Bladder	21.5	Trachea, bronchus and lung	9.4
Rectum	18.2	Cervix uteri	9.3
Kidney	14.9	Rectum	8.9
Stomach	14.8	Ovary	8.8
Pancreas	9.6	Melanoma of skin	8.0
Non-Hodgkin lymphoma	9.1	Kidney	7.7
All sites	371.4	All sites	253.9

Germany, Free State of Saxony (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	65	0.1	0.6	**0.3**	0.01	0.04	22	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	463	0.7	4.4	**2.7**	0.21	0.30	181	0.3	1.6	**0.8**	0.06	0.09	*C01-02*
Mouth	675	1.0	6.5	**3.9**	0.34	0.45	199	0.3	1.8	**0.9**	0.07	0.10	*C03-06*
Salivary glands	115	0.2	1.1	**0.6**	0.04	0.06	116	0.2	1.1	**0.5**	0.04	0.05	*C07-08*
Tonsil	359	0.5	3.4	**2.0**	0.17	0.24	98	0.2	0.9	**0.5**	0.04	0.05	*C09*
Other oropharynx	366	0.5	3.5	**2.1**	0.19	0.24	67	0.1	0.6	**0.3**	0.03	0.04	*C10*
Nasopharynx	67	0.1	0.6	**0.4**	0.03	0.04	25	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	448	0.7	4.3	**2.6**	0.22	0.30	48	0.1	0.4	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	46	0.1	0.4	**0.3**	0.02	0.03	10	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	1256	1.8	12.0	**6.3**	0.44	0.78	249	0.4	2.3	**0.8**	0.04	0.09	*C15*
Stomach	3315	4.9	31.8	**14.8**	0.66	1.60	2530	4.4	23.0	**7.1**	0.33	0.76	*C16*
Small intestine	240	0.4	2.3	**1.2**	0.07	0.13	196	0.3	1.8	**0.8**	0.05	0.09	*C17*
Colon	5607	8.3	53.7	**24.4**	1.04	2.93	5573	9.7	50.7	**16.0**	0.74	1.79	*C18*
Rectum	3913	5.8	37.5	**18.2**	1.01	2.26	2818	4.9	25.7	**8.9**	0.49	1.07	*C19-20*
Anus	103	0.2	1.0	**0.5**	0.04	0.06	214	0.4	1.9	**0.8**	0.05	0.08	*C21*
Liver	1753	2.6	16.8	**8.0**	0.38	1.02	779	1.4	7.1	**2.2**	0.10	0.24	*C22*
Gallbladder etc.	712	1.0	6.8	**3.1**	0.12	0.37	1454	2.5	13.2	**4.0**	0.16	0.47	*C23-24*
Pancreas	2089	3.1	20.0	**9.6**	0.51	1.13	2214	3.8	20.2	**6.5**	0.29	0.76	*C25*
Nose, sinuses etc.	126	0.2	1.2	**0.6**	0.03	0.08	64	0.1	0.6	**0.2**	0.01	0.02	*C30-31*
Larynx	831	1.2	8.0	**4.2**	0.29	0.52	80	0.1	0.7	**0.4**	0.03	0.04	*C32*
Trachea, bronchus and lung	9324	13.7	89.3	**41.5**	1.99	5.20	2717	4.7	24.7	**9.4**	0.53	1.15	*C33-34*
Other thoracic organs	86	0.1	0.8	**0.4**	0.02	0.05	73	0.1	0.7	**0.3**	0.02	0.03	*C37-38*
Bone	137	0.2	1.3	**1.3**	0.08	0.09	134	0.2	1.2	**1.0**	0.06	0.07	*C40-41*
Melanoma of skin	1668	2.5	16.0	**8.8**	0.56	0.99	1613	2.8	14.7	**8.0**	0.58	0.84	*C43*
Other skin	11875		113.8	**51.7**	2.06	5.90	10974		99.9	**36.1**	2.02	4.15	*C44*
Mesothelioma	168	0.2	1.6	**0.7**	0.03	0.08	86	0.1	0.8	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	5	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	374	0.6	3.6	**2.3**	0.12	0.22	337	0.6	3.1	**1.6**	0.10	0.15	*C47+C49*
Breast	129	0.2	1.2	**0.6**	0.03	0.07	14503	25.1	132.0	**63.2**	4.60	7.10	*C50*
Vulva							603	1.0	5.5	**1.8**	0.09	0.19	*C51*
Vagina							131	0.2	1.2	**0.4**	0.02	0.04	*C52*
Cervix uteri							1565	2.7	14.2	**9.3**	0.73	0.91	*C53*
Corpus uteri							3562	6.2	32.4	**13.3**	0.84	1.70	*C54*
Uterus unspecified							111	0.2	1.0	**0.3**	0.01	0.02	*C55*
Ovary							2217	3.8	20.2	**8.8**	0.58	1.04	*C56*
Other female genital organs							169	0.3	1.5	**0.5**	0.03	0.06	*C57*
Placenta							8	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	177	0.3	1.7	**0.8**	0.04	0.10							*C60*
Prostate	15665	23.1	150.1	**67.5**	2.74	8.80							*C61*
Testis	1069	1.6	10.2	**8.8**	0.67	0.70							*C62*
Other male genital organs	28	0.0	0.3	**0.1**	0.00	0.01							*C63*
Kidney	3068	4.5	29.4	**14.9**	0.88	1.83	2111	3.7	19.2	**7.7**	0.43	0.96	*C64*
Renal pelvis	156	0.2	1.5	**0.7**	0.04	0.09	125	0.2	1.1	**0.3**	0.01	0.04	*C65*
Ureter	84	0.1	0.8	**0.4**	0.01	0.04	60	0.1	0.5	**0.2**	0.01	0.02	*C66*
†Bladder	5016	7.4	48.1	**21.5**	0.82	2.53	1860	3.2	16.9	**5.2**	0.22	0.59	*C67*
Other urinary organs	58	0.1	0.6	**0.2**	0.01	0.02	26	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	127	0.2	1.2	**0.7**	0.04	0.07	112	0.2	1.0	**0.6**	0.04	0.06	*C69*
Brain, nervous system	1029	1.5	9.9	**6.2**	0.40	0.64	977	1.7	8.9	**4.9**	0.30	0.52	*C70-72*
Thyroid	364	0.5	3.5	**2.1**	0.16	0.23	830	1.4	7.6	**4.9**	0.37	0.48	*C73*
Adrenal gland	26	0.0	0.2	**0.3**	0.01	0.02	39	0.1	0.4	**0.3**	0.02	0.02	*C74*
Other endocrine	27	0.0	0.3	**0.2**	0.01	0.02	19	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	248	0.4	2.4	**2.0**	0.14	0.16	240	0.4	2.2	**2.1**	0.14	0.15	*C81*
Non-Hodgkin lymphoma	1808	2.7	17.3	**9.1**	0.50	0.99	1828	3.2	16.6	**6.9**	0.41	0.79	*C82-85,C96*
Immunoproliferative diseases	20	0.0	0.2	**0.1**	0.00	0.01	17	0.0	0.2	**0.0**	0.00	0.00	*C88*
Multiple myeloma	872	1.3	8.4	**3.9**	0.19	0.47	896	1.6	8.2	**2.8**	0.14	0.35	*C90*
Lymphoid leukaemia	1079	1.6	10.3	**6.2**	0.32	0.63	850	1.5	7.7	**3.5**	0.17	0.34	*C91*
Myeloid leukaemia	688	1.0	6.6	**3.6**	0.16	0.37	720	1.2	6.6	**2.8**	0.15	0.28	*C92-94*
Leukaemia unspecified	70	0.1	0.7	**0.3**	0.01	0.03	87	0.2	0.8	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1786	2.6	17.1	**8.3**	0.39	0.91	2106	3.7	19.2	**5.7**	0.25	0.57	*O&U*
All sites	79780		764.5	**371.4**	18.25	43.84	68645		624.8	**253.9**	15.45	28.52	*C00-96*
All sites except C44	67905	100.0	650.7	**319.6**	16.18	37.94	57671	100.0	525.0	**217.7**	13.43	24.37	*C00-96 exc. C44*

† See note following population pyramid

Germany, Hamburg

REGISTRATION AREA

The Hamburg Cancer Registry (HCR) covers the Free and Hanseatic City of Hamburg, one of the 16 federal states of Germany. With 1.7 million residents in its predominantly urban area of 755 km^2, Hamburg is the country's second most populous city.

CANCER CARE FACILITIES

Medical care is provided through a complex health care system involving about 3200 registered doctors and 51 hospitals, including a university hospital. Specialized cancer care is available to all residents, mainly at 10 hospital departments and 10 oncology practices, supplemented by numerous diagnostic, therapeutic, and supporting facilities. Nearly the entire population is covered by statutory or private health insurance.

REGISTRY STRUCTURE AND METHODS

The HCR, established in the late 1920s, is run by the state health authority and staffed by four scientists, two computer experts, and six documentation and coding employees. Since 1985, the registry's operation has been based on a law stipulating physicians' right to report cancer cases on the condition of informed consent and data confidentiality. Since 2007, the registry's plain-text records have been supplemented by pseudonymous pathology reports. Cases are transmitted electronically (since 2004) or using paper record sheets. Data processing includes routine automated checks for plausibility and duplicate reports.

INTERPRETING THE RESULTS

The number of reports to the HCR (even from earlier years) is rising constantly, due to electronic data transmission and retroactive submissions. Although the registry's overall completeness has been determined by the independent Robert Koch Institute to be sufficient, the HCR's data quality varies considerably depending on the site and year of diagnosis. Early detection methods such as the Pap test, prostate-specific antigen (PSA) testing, and mammography are widely used in Hamburg, but their precise prevalence and influence on incidence rates are difficult to determine.

USE OF THE DATA

Reports on cancer epidemiology in Hamburg are published regularly, and aggregate data are available from http://www.krebsregister.hamburg.de/ and http://www.gekid.de/. Major oncology institutions in Hamburg receive annual feedback about reporting activity and survival trends. Registry data are also provided for research.

CONTRIBUTORS

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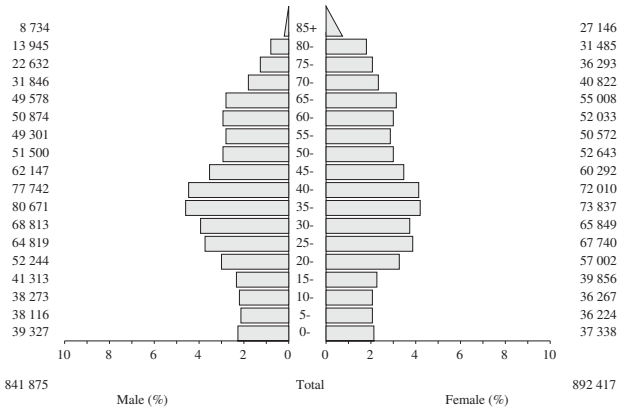
Germany, Hamburg (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data provided by the statistical office of Hamburg and Schleswig-Holstein (http://www.statistik-nord.de/).

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	75.6	Breast	82.7
Non-melanoma skin cancer	57.7	Non-melanoma skin cancer	45.4
Trachea, bronchus and lung	52.6	Trachea, bronchus and lung	24.6
Colon	21.1	Colon	16.8
Bladder	16.6	Melanoma of skin	11.2
Rectum	11.9	Ovary	10.7
Melanoma of skin	10.6	Corpus uteri	9.7
Stomach	10.5	Cervix uteri	7.9
Kidney	10.1	Rectum	7.5
Non-Hodgkin lymphoma	9.3	Non-Hodgkin lymphoma	7.1
All sites	382.0	All sites	299.6

Germany, Hamburg (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	17	0.1	0.4	**0.3**	0.01	0.03	18	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	193	0.8	4.6	**2.9**	0.23	0.35	96	0.4	2.2	**1.2**	0.09	0.14	*C01-02*
Mouth	268	1.1	6.4	**4.0**	0.30	0.49	148	0.6	3.3	**1.7**	0.11	0.21	*C03-06*
Salivary glands	65	0.3	1.5	**0.9**	0.05	0.10	46	0.2	1.0	**0.4**	0.03	0.04	*C07-08*
Tonsil	104	0.4	2.5	**1.6**	0.13	0.19	46	0.2	1.0	**0.6**	0.05	0.08	*C09*
Other oropharynx	165	0.7	3.9	**2.5**	0.21	0.32	68	0.3	1.5	**0.8**	0.05	0.11	*C10*
Nasopharynx	40	0.2	1.0	**0.7**	0.06	0.07	17	0.1	0.4	**0.2**	0.02	0.03	*C11*
Hypopharynx	154	0.6	3.7	**2.4**	0.20	0.29	31	0.1	0.7	**0.4**	0.04	0.05	*C12-13*
Pharynx unspecified	83	0.3	2.0	**1.3**	0.11	0.15	30	0.1	0.7	**0.4**	0.03	0.05	*C14*
Oesophagus	593	2.4	14.1	**8.0**	0.50	1.00	216	0.9	4.8	**2.1**	0.13	0.25	*C15*
Stomach	839	3.4	19.9	**10.5**	0.51	1.19	663	2.8	14.9	**5.7**	0.28	0.61	*C16*
Small intestine	61	0.3	1.4	**0.8**	0.04	0.10	74	0.3	1.7	**0.8**	0.05	0.08	*C17*
Colon	1753	7.2	41.6	**21.1**	0.88	2.33	2125	9.1	47.6	**16.8**	0.77	1.83	*C18*
Rectum	921	3.8	21.9	**11.9**	0.64	1.46	815	3.5	18.3	**7.5**	0.40	0.86	*C19-20*
Anus	109	0.4	2.6	**1.5**	0.10	0.16	153	0.7	3.4	**1.8**	0.12	0.21	*C21*
Liver	483	2.0	11.5	**6.4**	0.34	0.70	291	1.2	6.5	**2.8**	0.13	0.29	*C22*
Gallbladder etc.	157	0.6	3.7	**1.9**	0.08	0.22	230	1.0	5.2	**1.7**	0.08	0.19	*C23-24*
Pancreas	742	3.0	17.6	**9.3**	0.45	1.10	850	3.6	19.0	**6.8**	0.29	0.76	*C25*
Nose, sinuses etc.	57	0.2	1.4	**0.8**	0.06	0.09	35	0.1	0.8	**0.4**	0.03	0.04	*C30-31*
Larynx	357	1.5	8.5	**5.2**	0.38	0.64	83	0.4	1.9	**1.0**	0.08	0.12	*C32*
Trachea, bronchus and lung	4045	16.6	96.1	**52.6**	2.87	6.58	2266	9.7	50.8	**24.6**	1.63	2.98	*C33-34*
Other thoracic organs	29	0.1	0.7	**0.5**	0.03	0.04	27	0.1	0.6	**0.3**	0.02	0.03	*C37-38*
Bone	54	0.2	1.3	**1.2**	0.07	0.09	57	0.2	1.3	**1.1**	0.07	0.08	*C40-41*
Melanoma of skin	744	3.1	17.7	**10.6**	0.65	1.24	838	3.6	18.8	**11.2**	0.78	1.14	*C43*
Other skin	4725		112.2	**57.7**	2.34	6.76	4665		104.5	**45.4**	2.53	5.39	*C44*
Mesothelioma	302	1.2	7.2	**3.7**	0.16	0.49	68	0.3	1.5	**0.6**	0.03	0.07	*C45*
Kaposi sarcoma	20	0.1	0.5	**0.3**	0.03	0.03	7	0.0	0.2	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	167	0.7	4.0	**2.7**	0.17	0.27	179	0.8	4.0	**2.5**	0.16	0.23	*C47+C49*
Breast	56	0.2	1.3	**0.7**	0.04	0.08	6744	28.9	151.1	**82.7**	6.04	9.55	*C50*
Vulva							257	1.1	5.8	**2.5**	0.14	0.30	*C51*
Vagina							63	0.3	1.4	**0.6**	0.04	0.06	*C52*
Cervix uteri							558	2.4	12.5	**7.9**	0.62	0.81	*C53*
Corpus uteri							863	3.7	19.3	**9.7**	0.63	1.18	*C54*
Uterus unspecified							147	0.6	3.3	**1.2**	0.05	0.13	*C55*
Ovary							970	4.2	21.7	**10.7**	0.69	1.22	*C56*
Other female genital organs							72	0.3	1.6	**0.7**	0.04	0.08	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	61	0.3	1.4	**0.8**	0.04	0.08							*C60*
Prostate	5942	24.4	141.2	**75.6**	3.60	10.16							*C61*
Testis	431	1.8	10.2	**8.4**	0.62	0.65							*C62*
Other male genital organs	14	0.1	0.3	**0.2**	0.01	0.01							*C63*
Kidney	710	2.9	16.9	**10.1**	0.61	1.17	410	1.8	9.2	**4.4**	0.27	0.50	*C64*
Renal pelvis	60	0.2	1.4	**0.7**	0.03	0.09	68	0.3	1.5	**0.6**	0.02	0.07	*C65*
Ureter	28	0.1	0.7	**0.3**	0.01	0.03	19	0.1	0.4	**0.2**	0.00	0.02	*C66*
†Bladder	1398	5.7	33.2	**16.6**	0.62	1.81	570	2.4	12.8	**4.5**	0.18	0.49	*C67*
Other urinary organs	67	0.3	1.6	**0.8**	0.02	0.09	52	0.2	1.2	**0.4**	0.02	0.05	*C68*
Eye	51	0.2	1.2	**0.8**	0.06	0.09	53	0.2	1.2	**0.6**	0.04	0.07	*C69*
Brain, nervous system	374	1.5	8.9	**5.9**	0.35	0.63	291	1.2	6.5	**3.8**	0.25	0.39	*C70-72*
Thyroid	71	0.3	1.7	**1.1**	0.08	0.11	194	0.8	4.3	**2.8**	0.22	0.28	*C73*
Adrenal gland	14	0.1	0.3	**0.3**	0.01	0.02	12	0.1	0.3	**0.4**	0.02	0.03	*C74*
Other endocrine	8	0.0	0.2	**0.1**	0.01	0.01	12	0.1	0.3	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	123	0.5	2.9	**2.4**	0.18	0.22	112	0.5	2.5	**2.0**	0.14	0.18	*C81*
Non-Hodgkin lymphoma	669	2.7	15.9	**9.3**	0.55	1.02	651	2.8	14.6	**7.1**	0.44	0.77	*C82-85,C96*
Immunoproliferative diseases	23	0.1	0.5	**0.3**	0.01	0.03	20	0.1	0.4	**0.2**	0.01	0.03	*C88*
Multiple myeloma	283	1.2	6.7	**3.6**	0.18	0.40	272	1.2	6.1	**2.5**	0.11	0.32	*C90*
Lymphoid leukaemia	352	1.4	8.4	**6.1**	0.30	0.55	292	1.3	6.5	**4.0**	0.20	0.34	*C91*
Myeloid leukaemia	306	1.3	7.3	**4.1**	0.18	0.44	286	1.2	6.4	**3.4**	0.20	0.36	*C92-94*
Leukaemia unspecified	18	0.1	0.4	**0.2**	0.01	0.01	14	0.1	0.3	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	107	0.4	2.5	**1.5**	0.09	0.17	148	0.6	3.3	**1.5**	0.08	0.18	*MPD*
Myelodysplastic syndromes	144	0.6	3.4	**1.6**	0.05	0.18	127	0.5	2.8	**1.0**	0.04	0.08	*MDS*
Other and unspecified	548	2.2	13.0	**7.2**	0.34	0.82	595	2.5	13.3	**4.7**	0.21	0.47	*O&U*
All sites	29105		691.4	**382.0**	19.61	45.35	28014		627.8	**299.6**	18.73	33.86	*C00-96*
All sites except C44	24380	100.0	579.2	**324.3**	17.28	38.59	23349	100.0	523.3	**254.3**	16.20	28.47	*C00-96 exc. C44*

† See note following population pyramid

Germany, Mecklenburg-Western Pomerania

REGISTRATION AREA
The federal state of Mecklenburg-Western Pomerania, located in north-eastern Germany, is one of six states covered by the Common Cancer Registry (CCR). Most of the state's population is Caucasian.

CANCER CARE FACILITIES
There are 33 hospitals in Mecklenburg-Western Pomerania, most of which are affiliated with one of four regional tumour centres. Some of the hospitals specialize in oncology services, and most of the other hospitals also provide some cancer care. The regional tumour centres serve as focal points for cancer care; they are specific university hospitals and other hospitals that specialize in the diagnosis, treatment, and aftercare of cancer patients and in the documentation of related information.

REGISTRY STRUCTURE AND METHODS
Cancer notification became mandatory in Mecklenburg-Western Pomerania in 1998, and patients should be informed about registry notification by their diagnosing physician. The major sources of notification in Mecklenburg-Western Pomerania are the regional tumour centres, which each abstract all relevant information from the medical records of Mecklenburg-Western Pomerania cancer patients seen in the affiliated hospitals and clinics and report them to the CCR. The tumour centres provide about 97% of all notifications, and the other 3% are received directly from physicians. Death certificates are provided to the registry by local health authorities.

INTERPRETING THE RESULTS
There are opportunistic screening programmes in Mecklenburg-Western Pomerania for colon, prostate, cervical, and breast cancers, as well as systematic screening for breast cancer. There are no known unusual environmental or occupational exposures in the area.

USE OF THE DATA
Mecklenburg-Western Pomerania cancer data have been used for health services planning and epidemiological research. Linkage with the CCR has been performed for case–control and cohort studies. Reports on cancer incidence and mortality are published periodically.

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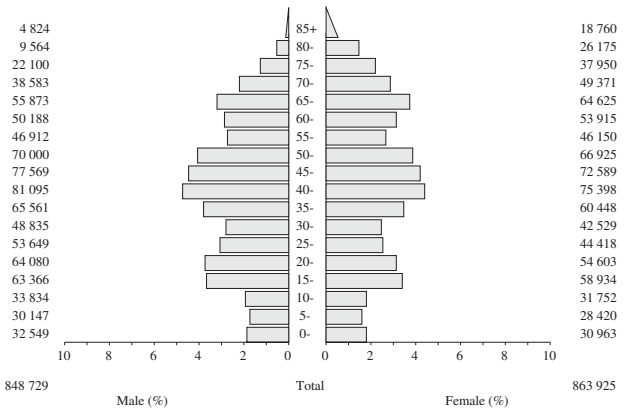
Germany, Mecklenburg-Western Pomerania (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by Statistisches Amt der Länder, based on an October 1990 extract from the central Residents' Registration Office, which is annually updated to account for births, deaths, and migration.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	78.2	Breast	66.4
Non-melanoma skin cancer	62.5	Non-melanoma skin cancer	49.5
Trachea, bronchus and lung	51.4	Colon	16.2
Colon	25.1	Trachea, bronchus and lung	13.4
Bladder	24.1	Corpus uteri	12.4
Rectum	17.0	Melanoma of skin	8.5
Kidney	16.9	Ovary	8.4
Stomach	15.9	Cervix uteri	8.3
Non-Hodgkin lymphoma	9.8	Stomach	8.3
Other and unspecified	9.3	Non-Hodgkin lymphoma	8.2
All sites	414.9	All sites	274.7

Germany, Mecklenburg-Western Pomerania (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	55	0.2	1.3	**0.7**	0.03	0.07	24	0.1	0.6	**0.2**	0.00	0.02	*C00*
Tongue	236	0.9	5.6	**3.4**	0.30	0.39	64	0.3	1.5	**0.8**	0.07	0.09	*C01-02*
Mouth	318	1.2	7.5	**4.5**	0.36	0.52	83	0.4	1.9	**1.0**	0.07	0.12	*C03-06*
Salivary glands	52	0.2	1.2	**0.7**	0.04	0.07	32	0.2	0.7	**0.4**	0.03	0.04	*C07-08*
Tonsil	170	0.6	4.0	**2.5**	0.23	0.27	39	0.2	0.9	**0.5**	0.05	0.06	*C09*
Other oropharynx	222	0.8	5.2	**3.2**	0.28	0.36	38	0.2	0.9	**0.5**	0.04	0.05	*C10*
Nasopharynx	33	0.1	0.8	**0.5**	0.04	0.06	14	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	238	0.9	5.6	**3.3**	0.28	0.39	18	0.1	0.4	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	49	0.2	1.2	**0.7**	0.05	0.08	7	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	634	2.3	14.9	**8.3**	0.56	1.02	103	0.5	2.4	**1.0**	0.06	0.13	*C15*
Stomach	1263	4.6	29.8	**15.9**	0.72	1.81	941	4.5	21.8	**8.3**	0.43	0.89	*C16*
Small intestine	64	0.2	1.5	**0.8**	0.05	0.10	60	0.3	1.4	**0.6**	0.04	0.08	*C17*
Colon	2010	7.4	47.4	**25.1**	1.17	2.96	1858	8.8	43.0	**16.2**	0.79	1.86	*C18*
Rectum	1349	4.9	31.8	**17.0**	0.92	2.17	874	4.2	20.2	**7.9**	0.40	0.96	*C19-20*
Anus	41	0.2	1.0	**0.6**	0.04	0.06	77	0.4	1.8	**0.8**	0.04	0.10	*C21*
Liver	566	2.1	13.3	**7.2**	0.34	0.91	291	1.4	6.7	**2.5**	0.11	0.26	*C22*
Gallbladder etc.	224	0.8	5.3	**2.8**	0.12	0.30	492	2.3	11.4	**4.0**	0.17	0.46	*C23-24*
Pancreas	750	2.7	17.7	**9.3**	0.46	1.16	705	3.4	16.3	**6.0**	0.27	0.72	*C25*
Nose, sinuses etc.	39	0.1	0.9	**0.5**	0.03	0.06	21	0.1	0.5	**0.2**	0.01	0.02	*C30-31*
Larynx	414	1.5	9.8	**5.5**	0.38	0.68	43	0.2	1.0	**0.5**	0.04	0.06	*C32*
Trachea, bronchus and lung	4174	15.3	98.4	**51.4**	2.55	6.56	1333	6.3	30.9	**13.4**	0.80	1.63	*C33-34*
Other thoracic organs	30	0.1	0.7	**0.4**	0.03	0.04	17	0.1	0.4	**0.2**	0.01	0.02	*C37-38*
Bone	43	0.2	1.0	**0.8**	0.05	0.08	42	0.2	1.0	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	602	2.2	14.2	**8.6**	0.55	1.00	605	2.9	14.0	**8.5**	0.61	0.87	*C43*
Other skin	5074		119.6	**62.5**	2.63	7.45	5128		118.7	**49.5**	2.76	5.80	*C44*
Mesothelioma	54	0.2	1.3	**0.6**	0.02	0.06	25	0.1	0.6	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	2	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	143	0.5	3.4	**2.5**	0.13	0.22	113	0.5	2.6	**1.5**	0.07	0.14	*C47+C49*
Breast	45	0.2	1.1	**0.6**	0.03	0.08	5527	26.3	128.0	**66.4**	4.89	7.58	*C50*
Vulva							199	0.9	4.6	**1.7**	0.07	0.19	*C51*
Vagina							45	0.2	1.0	**0.4**	0.02	0.03	*C52*
Cervix uteri							554	2.6	12.8	**8.3**	0.65	0.79	*C53*
Corpus uteri							1177	5.6	27.2	**12.4**	0.79	1.58	*C54*
Uterus unspecified							65	0.3	1.5	**0.6**	0.03	0.06	*C55*
Ovary							770	3.7	17.8	**8.4**	0.54	0.98	*C56*
Other female genital organs							51	0.2	1.2	**0.5**	0.03	0.06	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	93	0.3	2.2	**1.2**	0.07	0.13							*C60*
Prostate	6438	23.6	151.7	**78.2**	3.50	10.55							*C61*
Testis	435	1.6	10.3	**8.7**	0.67	0.69							*C62*
Other male genital organs	11	0.0	0.3	**0.2**	0.00	0.01							*C63*
Kidney	1273	4.7	30.0	**16.9**	1.07	2.09	764	3.6	17.7	**8.1**	0.50	0.98	*C64*
Renal pelvis	73	0.3	1.7	**0.8**	0.02	0.10	68	0.3	1.6	**0.5**	0.02	0.06	*C65*
Ureter	46	0.2	1.1	**0.5**	0.02	0.05	29	0.1	0.7	**0.2**	0.01	0.04	*C66*
†Bladder	1986	7.3	46.8	**24.1**	0.90	2.80	651	3.1	15.1	**5.4**	0.23	0.62	*C67*
Other urinary organs	18	0.1	0.4	**0.2**	0.01	0.03	7	0.0	0.2	**0.1**	0.00	0.00	*C68*
Eye	44	0.2	1.0	**0.7**	0.04	0.07	51	0.2	1.2	**0.8**	0.06	0.07	*C69*
Brain, nervous system	369	1.4	8.7	**5.7**	0.33	0.61	285	1.4	6.6	**3.9**	0.25	0.39	*C70-72*
Thyroid	138	0.5	3.3	**2.1**	0.16	0.24	388	1.8	9.0	**6.3**	0.49	0.61	*C73*
Adrenal gland	9	0.0	0.2	**0.2**	0.01	0.02	12	0.1	0.3	**0.2**	0.01	0.02	*C74*
Other endocrine	7	0.0	0.2	**0.2**	0.01	0.01	4	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	115	0.4	2.7	**2.2**	0.15	0.18	86	0.4	2.0	**1.7**	0.11	0.13	*C81*
Non-Hodgkin lymphoma	706	2.6	16.6	**9.8**	0.56	1.09	801	3.8	18.5	**8.2**	0.48	0.95	*C82-85,C96*
Immunoproliferative diseases	10	0.0	0.2	**0.1**	0.00	0.01	8	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	287	1.1	6.8	**3.6**	0.17	0.41	290	1.4	6.7	**2.7**	0.13	0.33	*C90*
Lymphoid leukaemia	420	1.5	9.9	**6.3**	0.31	0.68	267	1.3	6.2	**3.2**	0.16	0.33	*C91*
Myeloid leukaemia	268	1.0	6.3	**3.7**	0.18	0.39	255	1.2	5.9	**2.9**	0.16	0.30	*C92-94*
Leukaemia unspecified	25	0.1	0.6	**0.3**	0.01	0.02	34	0.2	0.8	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	732	2.7	17.2	**9.3**	0.43	1.02	688	3.3	15.9	**5.7**	0.25	0.56	*O&U*
All sites	32397		763.4	**414.9**	21.02	50.12	26126		604.8	**274.7**	16.87	31.20	*C00-96*
All sites except C44	27323	100.0	643.9	**352.5**	18.39	42.68	20998	100.0	486.1	**225.2**	14.11	25.40	*C00-96 exc. C44*

† See note following population pyramid

Germany, Munich

REGISTRATION AREA

The Munich Cancer Registry (MCR) is one of six regional registries on which the Bavarian cancer registration system (covering 12 million people) is based. During 2003–2007, the population covered by the MCR was about 3.8 million, but the number had already risen to 4.5 million at the time of writing.

CANCER CARE FACILITIES

Health care in the region is provided by hospitals and private practitioners. There are two university hospitals in the city of Munich. Most hospitals cooperate with the Munich Cancer Centre (MCC). The MCR supports networking in oncology by compiling cancer data from all sources. Individual and aggregate data are provided to cooperating doctors.

REGISTRY STRUCTURE AND METHODS

The MCR is associated with the MCC. The area's 20 pathology laboratories report incidence data and prognostic data such as TNM stage, histology, and grade. In parallel, clinicians from about 70 hospitals submit information about patient residency, tumour diagnosis, International Federation of Gynecology and Obstetrics (FIGO) stage, primary surgical and systemic therapy, palliative care, and follow-up. Collaborating institutions and hospitals also report cases of metastasis and local or regional relapse. Radiotherapy reports are also available. Vital status is systematically followed up using death certificates.

INTERPRETING THE RESULTS

An organized population-based screening programme for breast cancer among women aged 50–69 years was started in Bavaria at the end of 2003, and a national mammography screening programme was established throughout Germany at the end of 2006.

USE OF THE DATA

The MCR contributes to outcome research conducted by clinicians and epidemiologists. Registry data are used for evaluation of therapeutic strategies and for quality control measures to improve population-based, guideline-oriented health care delivery. The most common cancer diagnoses are analysed in detail, and periodic reports are provided online (via password access) to all participating hospitals. Key outcome criteria are anonymously compared between hospitals for the purposes of benchmarking. Some registry data are available online to the scientific community (via open access) from http://www.tumorregister-muenchen.de/.

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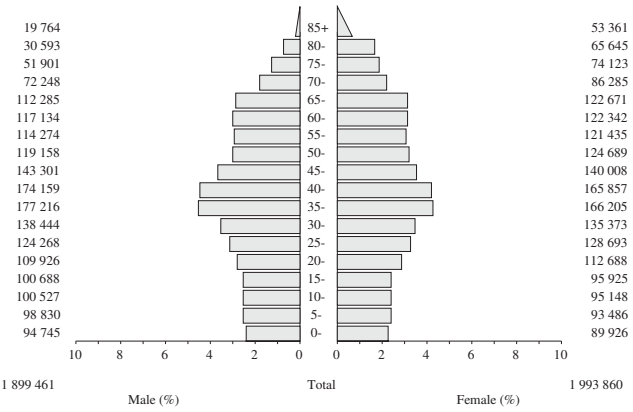
Germany, Munich (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 1987 census and annual projections accounting for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	82.5	Breast	86.4
Trachea, bronchus and lung	33.8	Colon	18.1
Colon	26.7	Trachea, bronchus and lung	15.4
Bladder	21.0	Corpus uteri	12.5
Rectum	17.6	Melanoma of skin	12.4
Melanoma of skin	13.0	Ovary	10.1
Kidney	11.8	Thyroid	9.9
Stomach	11.1	Rectum	9.3
Testis	9.3	Cervix uteri	7.1
Pancreas	9.3	Non-Hodgkin lymphoma	6.7
All sites	324.2	All sites	253.3

Germany, Munich (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	43	0.1	0.5	**0.2**	0.01	0.03	33	0.1	0.3	**0.1**	0.00	0.01	*C00*
Tongue	482	0.9	5.1	**3.2**	0.27	0.38	168	0.3	1.7	**1.0**	0.08	0.11	*C01-02*
Mouth	435	0.8	4.6	**2.9**	0.25	0.33	201	0.4	2.0	**1.1**	0.08	0.12	*C03-06*
Salivary glands	103	0.2	1.1	**0.6**	0.04	0.07	82	0.2	0.8	**0.4**	0.03	0.05	*C07-08*
Tonsil	347	0.6	3.7	**2.4**	0.20	0.28	114	0.2	1.1	**0.7**	0.06	0.08	*C09*
Other oropharynx	98	0.2	1.0	**0.7**	0.06	0.08	33	0.1	0.3	**0.2**	0.02	0.02	*C10*
Nasopharynx	46	0.1	0.5	**0.3**	0.02	0.04	22	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	444	0.8	4.7	**3.0**	0.25	0.36	58	0.1	0.6	**0.3**	0.03	0.04	*C12-13*
Pharynx unspecified	13	0.0	0.1	**0.1**	0.00	0.01	6	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	950	1.7	10.0	**5.7**	0.38	0.71	231	0.5	2.3	**1.1**	0.08	0.14	*C15*
Stomach	2067	3.7	21.8	**11.1**	0.50	1.19	1701	3.4	17.1	**6.5**	0.31	0.69	*C16*
Small intestine	263	0.5	2.8	**1.6**	0.10	0.19	201	0.4	2.0	**1.0**	0.07	0.12	*C17*
Colon	4897	8.9	51.6	**26.7**	1.19	3.13	4617	9.2	46.3	**18.1**	0.87	2.00	*C18*
Rectum	3028	5.5	31.9	**17.6**	1.01	2.20	2123	4.2	21.3	**9.3**	0.54	1.07	*C19-20*
Anus	107	0.2	1.1	**0.7**	0.05	0.07	259	0.5	2.6	**1.3**	0.09	0.14	*C21*
Liver	1334	2.4	14.0	**7.5**	0.39	0.94	512	1.0	5.1	**2.1**	0.09	0.24	*C22*
Gallbladder etc.	409	0.7	4.3	**2.3**	0.10	0.27	647	1.3	6.5	**2.3**	0.09	0.26	*C23-24*
Pancreas	1656	3.0	17.4	**9.3**	0.46	1.09	1735	3.4	17.4	**6.6**	0.30	0.76	*C25*
Nose, sinuses etc.	101	0.2	1.1	**0.6**	0.04	0.07	66	0.1	0.7	**0.3**	0.02	0.04	*C30-31*
Larynx	602	1.1	6.3	**3.8**	0.28	0.48	89	0.2	0.9	**0.5**	0.04	0.06	*C32*
Trachea, bronchus and lung	5976	10.8	62.9	**33.8**	1.83	4.19	3156	6.3	31.7	**15.4**	1.03	1.85	*C33-34*
Other thoracic organs	88	0.2	0.9	**0.6**	0.03	0.06	61	0.1	0.6	**0.3**	0.02	0.04	*C37-38*
Bone	102	0.2	1.1	**1.0**	0.07	0.08	70	0.1	0.7	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	2007	3.6	21.1	**13.0**	0.87	1.46	1983	3.9	19.9	**12.4**	0.91	1.29	*C43*
Other skin	99		1.0	**0.6**	0.02	0.06	98		1.0	**0.5**	0.03	0.04	*C44*
Mesothelioma	286	0.5	3.0	**1.6**	0.06	0.21	67	0.1	0.7	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	9	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	337	0.6	3.5	**2.7**	0.15	0.25	313	0.6	3.1	**2.1**	0.12	0.19	*C47+C49*
Breast	141	0.3	1.5	**0.8**	0.04	0.11	15728	31.3	157.8	**86.4**	6.30	9.90	*C50*
Vulva							420	0.8	4.2	**1.7**	0.09	0.17	*C51*
Vagina							97	0.2	1.0	**0.4**	0.02	0.04	*C52*
Cervix uteri							1102	2.2	11.1	**7.1**	0.56	0.70	*C53*
Corpus uteri							2565	5.1	25.7	**12.5**	0.77	1.63	*C54*
Uterus unspecified							80	0.2	0.8	**0.2**	0.01	0.02	*C55*
Ovary							2041	4.1	20.5	**10.1**	0.63	1.16	*C56*
Other female genital organs							142	0.3	1.4	**0.6**	0.03	0.07	*C57*
Placenta							2	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	116	0.2	1.2	**0.7**	0.04	0.07							*C60*
Prostate	14965	27.1	157.6	**82.5**	3.78	10.87							*C61*
Testis	1036	1.9	10.9	**9.3**	0.71	0.74							*C62*
Other male genital organs	10	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	1931	3.5	20.3	**11.8**	0.69	1.45	1126	2.2	11.3	**5.3**	0.26	0.61	*C64*
Renal pelvis	164	0.3	1.7	**0.9**	0.04	0.10	102	0.2	1.0	**0.4**	0.01	0.04	*C65*
Ureter	78	0.1	0.8	**0.4**	0.01	0.05	42	0.1	0.4	**0.2**	0.01	0.02	*C66*
†Bladder	3867	7.0	40.7	**21.0**	0.93	2.35	1380	2.7	13.8	**5.5**	0.27	0.61	*C67*
Other urinary organs	25	0.0	0.3	**0.1**	0.00	0.01	33	0.1	0.3	**0.1**	0.00	0.01	*C68*
Eye	97	0.2	1.0	**0.7**	0.04	0.07	123	0.2	1.2	**0.7**	0.04	0.07	*C69*
Brain, nervous system	889	1.6	9.4	**6.3**	0.41	0.64	810	1.6	8.1	**5.0**	0.32	0.49	*C70-72*
Thyroid	533	1.0	5.6	**3.7**	0.29	0.40	1396	2.8	14.0	**9.9**	0.80	1.00	*C73*
Adrenal gland	27	0.0	0.3	**0.3**	0.02	0.02	31	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	21	0.0	0.2	**0.2**	0.01	0.02	26	0.1	0.3	**0.2**	0.02	0.02	*C75*
Hodgkin lymphoma	264	0.5	2.8	**2.5**	0.17	0.20	216	0.4	2.2	**2.1**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	1485	2.7	15.6	**9.3**	0.54	0.99	1365	2.7	13.7	**6.7**	0.38	0.76	*C82-85,C96*
Immunoproliferative diseases	22	0.0	0.2	**0.1**	0.01	0.01	27	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	421	0.8	4.4	**2.5**	0.14	0.31	376	0.7	3.8	**1.7**	0.09	0.22	*C90*
Lymphoid leukaemia	757	1.4	8.0	**5.7**	0.28	0.50	474	0.9	4.8	**3.0**	0.15	0.24	*C91*
Myeloid leukaemia	593	1.1	6.2	**3.7**	0.18	0.37	526	1.0	5.3	**2.7**	0.15	0.27	*C92-94*
Leukaemia unspecified	78	0.1	0.8	**0.4**	0.01	0.02	67	0.1	0.7	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	69	0.1	0.7	**0.4**	0.01	0.04	81	0.2	0.8	**0.3**	0.01	0.03	*MPD*
Myelodysplastic syndromes	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1344	2.4	14.2	**7.5**	0.36	0.77	1394	2.8	14.0	**5.1**	0.24	0.51	*O&U*
All sites	55263		581.9	**324.2**	17.36	38.36	50421		505.8	**253.3**	16.30	28.22	*C00-96*
All sites except C44	55164	100.0	580.8	**323.7**	17.34	38.30	50323	100.0	504.8	**252.8**	16.27	28.18	*C00-96 exc. C44*

† See note following population pyramid

Germany, North Rhine-Westphalia

REGISTRATION AREA

The North Rhine-Westphalia Epidemiological Cancer Registry was established in 2005 as a statewide register for the federal state of North Rhine-Westphalia (NRW), which is located in north-western Germany, bordering the Netherlands and Belgium. The registry data reported in this volume are restricted to a single district of the state, the *Regierungsbezirk* (administrative district) of Münster, where a population-based register has been maintained since 1985. In 2007, the population of Münster was 2.6 million (48.8% male and 51.2% female) and the population density was 378 residents/ km^2. The majority of residents are Roman Catholic.

CANCER CARE FACILITIES

Cancer treatment is provided predominantly by hospitals. The registration area has 63 hospitals with more than 20 000 beds. Microscopic examination and diagnosis is performed by 14 pathology laboratories.

REGISTRY STRUCTURE AND METHODS

The Münster registry was established in 1985 within the framework of the NRW Law of Cancer Registration. At that time, cancer notification was voluntary and required patients' signed consent. The sources of notifications for the registry were hospitals, outpatient facilities, and private practitioners. In 1998, the registry began to receive pseudonymous reports from pathologists. The registry database was linked annually with death certificates from the district, and trace-back was performed for cases first registered by death certificate. In July 2005, new legislation came into force that expanded the registration area to the entire federal state of NRW (18 million residents). Pseudonymous notification of new cancer cases is now mandatory for all physicians, and all pathologists are required to report any histopathological findings of malignant disease.

INTERPRETING THE RESULTS

Since the registry began receiving reports from pathologists in 1998, its completeness has been estimated to be more than 90% for cancer cases at all sites except C44 (other skin).

USE OF THE DATA

The registry publishes reports on cancer incidence and mortality. Registry data can also be accessed through an interactive database on the registry's website. The registry contributes to the evaluation of the NRW mammography screening programme (part of the national programme), and registry data are increasingly used in the context of health service research.

CONTRIBUTORS

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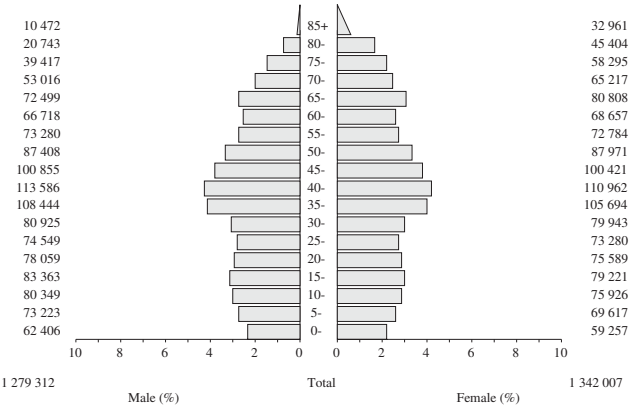
Germany, North Rhine-Westphalia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 1987 census and annual projections accounting for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	79.6	Breast	86.4
Non-melanoma skin cancer	70.2	Non-melanoma skin cancer	51.4
Trachea, bronchus and lung	51.4	Colon	20.4
Colon	26.9	Trachea, bronchus and lung	18.2
Bladder	25.7	Corpus uteri	11.7
Rectum	18.3	Melanoma of skin	11.2
Stomach	12.2	Ovary	11.0
Kidney	10.9	Rectum	9.6
Testis	10.4	Non-Hodgkin lymphoma	7.4
Non-Hodgkin lymphoma	10.1	Bladder	6.6
All sites	410.5	All sites	304.0

Germany, North Rhine-Westphalia (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	8	0.0	0.1	**0.1**	0.01	0.01	3	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	238	0.6	3.7	**2.3**	0.18	0.29	119	0.4	1.8	**1.0**	0.08	0.11	*C01-02*
Mouth	353	0.9	5.5	**3.6**	0.29	0.43	175	0.5	2.6	**1.3**	0.08	0.15	*C03-06*
Salivary glands	69	0.2	1.1	**0.7**	0.04	0.07	68	0.2	1.0	**0.6**	0.05	0.07	*C07-08*
Tonsil	99	0.3	1.5	**1.0**	0.08	0.12	33	0.1	0.5	**0.3**	0.02	0.03	*C09*
Other oropharynx	208	0.5	3.3	**2.1**	0.18	0.26	56	0.2	0.8	**0.5**	0.05	0.06	*C10*
Nasopharynx	38	0.1	0.6	**0.4**	0.03	0.05	17	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	217	0.6	3.4	**2.2**	0.18	0.28	51	0.2	0.8	**0.5**	0.04	0.06	*C12-13*
Pharynx unspecified	50	0.1	0.8	**0.5**	0.04	0.06	18	0.1	0.3	**0.2**	0.02	0.02	*C14*
Oesophagus	717	1.9	11.2	**6.6**	0.45	0.84	239	0.7	3.6	**1.7**	0.11	0.20	*C15*
Stomach	1448	3.7	22.6	**12.2**	0.61	1.36	1040	3.1	15.5	**6.0**	0.30	0.63	*C16*
Small intestine	101	0.3	1.6	**0.8**	0.04	0.09	90	0.3	1.3	**0.6**	0.03	0.06	*C17*
Colon	3355	8.7	52.5	**26.9**	1.16	3.16	3688	11.1	55.0	**20.4**	0.89	2.25	*C18*
Rectum	2135	5.5	33.4	**18.3**	0.98	2.37	1497	4.5	22.3	**9.6**	0.53	1.14	*C19-20*
Anus	69	0.2	1.1	**0.6**	0.04	0.07	126	0.4	1.9	**1.0**	0.07	0.11	*C21*
Liver	652	1.7	10.2	**5.7**	0.28	0.73	300	0.9	4.5	**1.8**	0.07	0.20	*C22*
Gallbladder etc.	277	0.7	4.3	**2.2**	0.10	0.25	409	1.2	6.1	**2.2**	0.09	0.25	*C23-24*
Pancreas	917	2.4	14.3	**7.8**	0.41	0.97	910	2.7	13.6	**5.4**	0.24	0.67	*C25*
Nose, sinuses etc.	79	0.2	1.2	**0.8**	0.06	0.09	40	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	550	1.4	8.6	**5.1**	0.33	0.65	101	0.3	1.5	**0.9**	0.07	0.10	*C32*
Trachea, bronchus and lung	6012	15.5	94.0	**51.4**	2.85	6.49	2323	7.0	34.6	**18.2**	1.30	2.17	*C33-34*
Other thoracic organs	39	0.1	0.6	**0.4**	0.03	0.04	14	0.0	0.2	**0.1**	0.01	0.01	*C37-38*
Bone	82	0.2	1.3	**1.2**	0.08	0.09	66	0.2	1.0	**1.0**	0.06	0.07	*C40-41*
Melanoma of skin	946	2.4	14.8	**9.4**	0.63	1.02	1096	3.3	16.3	**11.2**	0.84	1.06	*C43*
Other skin	8601		134.5	**70.2**	3.01	8.07	7731		115.2	**51.4**	2.93	5.82	*C44*
Mesothelioma	260	0.7	4.1	**2.1**	0.08	0.28	37	0.1	0.6	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	13	0.0	0.2	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	241	0.6	3.8	**2.7**	0.16	0.25	218	0.7	3.2	**2.3**	0.13	0.22	*C47+C49*
Breast	78	0.2	1.2	**0.6**	0.04	0.07	10224	30.9	152.4	**86.4**	6.44	9.96	*C50*
Vulva							326	1.0	4.9	**2.1**	0.12	0.23	*C51*
Vagina							61	0.2	0.9	**0.4**	0.02	0.05	*C52*
Cervix uteri							644	1.9	9.6	**6.2**	0.47	0.61	*C53*
Corpus uteri							1510	4.6	22.5	**11.7**	0.79	1.46	*C54*
Uterus unspecified							87	0.3	1.3	**0.5**	0.02	0.05	*C55*
Ovary							1392	4.2	20.7	**11.0**	0.73	1.25	*C56*
Other female genital organs							54	0.2	0.8	**0.4**	0.03	0.05	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	94	0.2	1.5	**0.8**	0.04	0.10							*C60*
Prostate	9711	25.1	151.8	**79.6**	3.44	10.74							*C61*
Testis	743	1.9	11.6	**10.4**	0.79	0.81							*C62*
Other male genital organs	22	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	1206	3.1	18.9	**10.9**	0.64	1.32	694	2.1	10.3	**4.9**	0.26	0.58	*C64*
Renal pelvis	83	0.2	1.3	**0.7**	0.03	0.08	91	0.3	1.4	**0.5**	0.02	0.06	*C65*
Ureter	61	0.2	1.0	**0.5**	0.03	0.07	30	0.1	0.4	**0.2**	0.00	0.02	*C66*
Bladder	3187	8.2	49.8	**25.7**	1.12	2.90	1123	3.4	16.7	**6.6**	0.32	0.77	*C67*
Other urinary organs	74	0.2	1.2	**0.6**	0.03	0.07	46	0.1	0.7	**0.2**	0.00	0.03	*C68*
Eye	63	0.2	1.0	**0.7**	0.04	0.07	81	0.2	1.2	**0.9**	0.05	0.09	*C69*
Brain, nervous system	546	1.4	8.5	**6.3**	0.43	0.62	394	1.2	5.9	**4.0**	0.26	0.38	*C70-72*
Thyroid	182	0.5	2.8	**2.0**	0.15	0.20	442	1.3	6.6	**4.7**	0.36	0.46	*C73*
Adrenal gland	28	0.1	0.4	**0.4**	0.02	0.03	19	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	4	0.0	0.1	**0.0**	0.00	0.00	8	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	179	0.5	2.8	**2.4**	0.17	0.21	137	0.4	2.0	**1.9**	0.11	0.14	*C81*
Non-Hodgkin lymphoma	1065	2.8	16.6	**10.1**	0.58	1.14	982	3.0	14.6	**7.4**	0.45	0.82	*C82-85,C96*
Immunoproliferative diseases	10	0.0	0.2	**0.1**	0.00	0.01	7	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	433	1.1	6.8	**3.6**	0.16	0.44	379	1.1	5.6	**2.4**	0.12	0.28	*C90*
Lymphoid leukaemia	411	1.1	6.4	**5.3**	0.27	0.45	297	0.9	4.4	**3.5**	0.19	0.28	*C91*
Myeloid leukaemia	399	1.0	6.2	**4.1**	0.24	0.42	359	1.1	5.4	**3.0**	0.20	0.32	*C92-94*
Leukaemia unspecified	30	0.1	0.5	**0.2**	0.01	0.01	37	0.1	0.6	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	942	2.4	14.7	**8.0**	0.39	0.91	970	2.9	14.5	**5.7**	0.29	0.60	*O&U*
All sites	47326		739.9	**410.5**	20.92	49.10	40860		608.9	**304.0**	19.34	34.10	*C00-96*
All sites except C44	38725	100.0	605.4	**340.2**	17.91	41.03	33129	100.0	493.7	**252.5**	16.40	28.28	*C00-96 exc. C44*

Germany, Saarland

REGISTRATION AREA
The Saarland Cancer Registry covers the population of the federal state of Saarland, which is located in south-western Germany. In 2007, the population was 1 million (48.6% male and 51.4% female) and the life expectancy was 75.8 years for males and 81.2 years for females. The state consists of five counties and one metropolitan area.

CANCER CARE FACILITIES
Cancer care is provided by hospitals and private physicians. The registration area has 25 hospitals (with a total of 130 departments). Recently, several specialized cancer centres for the treatment of major cancers (such as breast, prostate, bowel, and lung cancer) have been opened. Several private oncology practices provide diagnosis, treatment, and aftercare. Microscopic examination is performed in eight pathology laboratories.

REGISTRY STRUCTURE AND METHODS
The registry was established in 1967, and cancer registration is mandated by state law. The basic registration system is a centralized collection of individual records including personal identifiers. Notification has been mandatory since 2002. The registry's sources of information are hospitals, cancer centres, outpatient facilities, pathology and radiotherapy departments, and general practitioners. Registered cases are linked annually with all death certificates, and trace-back is performed for cases first notified by death certificate.

INTERPRETING THE RESULTS
Early detection and population screening activities in Germany began in 1971. In Saarland, opportunistic screening is available for cervical, colorectal, prostate, and skin cancers, and an organized breast cancer screening programme is available among women aged 50–69 years.

USE OF THE DATA
The registry publishes reports on cancer incidence, mortality, and population-based survival, and these data are also available from the registry website (http://www.krebsregister.saarland.de/). The registry conducts descriptive and analytical epidemiological studies and collaborates in national and international projects.

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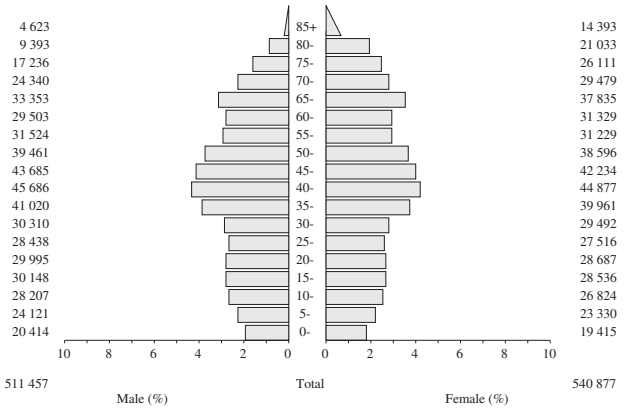
Germany, Saarland (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on the 1987 census and annual projections accounting for births, deaths, and migration.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	75.9	Breast	81.9
Trachea, bronchus and lung	58.4	Non-melanoma skin cancer	42.8
Non-melanoma skin cancer	57.9	Trachea, bronchus and lung	21.1
Colon	28.9	Colon	19.4
Bladder	24.9	Corpus uteri	12.3
Rectum	22.4	Rectum	11.5
Stomach	12.4	Ovary	10.1
Kidney	11.1	Melanoma of skin	9.5
Non-Hodgkin lymphoma	10.7	Cervix uteri	8.6
Melanoma of skin	8.4	Non-Hodgkin lymphoma	7.6
All sites	412.2	All sites	298.4

Germany, Saarland (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	24	0.1	0.9	**0.4**	0.02	0.05	7	0.0	0.3	**0.0**	0.00	0.00	*C00*
Tongue	138	0.8	5.4	**3.2**	0.26	0.38	56	0.4	2.1	**1.0**	0.06	0.11	*C01-02*
Mouth	186	1.0	7.3	**4.3**	0.36	0.52	65	0.4	2.4	**1.3**	0.11	0.16	*C03-06*
Salivary glands	30	0.2	1.2	**0.6**	0.04	0.07	29	0.2	1.1	**0.5**	0.03	0.05	*C07-08*
Tonsil	100	0.6	3.9	**2.4**	0.22	0.26	28	0.2	1.0	**0.7**	0.07	0.08	*C09*
Other oropharynx	93	0.5	3.6	**2.3**	0.21	0.27	24	0.2	0.9	**0.5**	0.05	0.06	*C10*
Nasopharynx	15	0.1	0.6	**0.4**	0.03	0.04	6	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	140	0.8	5.5	**3.3**	0.27	0.39	32	0.2	1.2	**0.6**	0.05	0.07	*C12-13*
Pharynx unspecified	8	0.0	0.3	**0.2**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	309	1.7	12.1	**6.2**	0.38	0.78	93	0.6	3.4	**1.4**	0.08	0.18	*C15*
Stomach	647	3.6	25.3	**12.4**	0.66	1.40	490	3.3	18.1	**6.2**	0.29	0.66	*C16*
Small intestine	59	0.3	2.3	**1.1**	0.05	0.14	44	0.3	1.6	**0.7**	0.04	0.08	*C17*
Colon	1593	8.9	62.3	**28.9**	1.32	3.38	1502	10.0	55.5	**19.4**	0.97	2.18	*C18*
Rectum	1157	6.4	45.2	**22.4**	1.23	2.85	768	5.1	28.4	**11.5**	0.69	1.34	*C19-20*
Anus	33	0.2	1.3	**0.7**	0.05	0.08	50	0.3	1.8	**0.9**	0.07	0.11	*C21*
Liver	394	2.2	15.4	**7.5**	0.41	0.95	207	1.4	7.7	**2.9**	0.16	0.33	*C22*
Gallbladder etc.	161	0.9	6.3	**3.0**	0.14	0.34	229	1.5	8.5	**2.6**	0.09	0.29	*C23-24*
Pancreas	449	2.5	17.6	**8.4**	0.43	0.97	508	3.4	18.8	**6.2**	0.26	0.70	*C25*
Nose, sinuses etc.	30	0.2	1.2	**0.6**	0.04	0.08	15	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	297	1.7	11.6	**6.4**	0.47	0.80	34	0.2	1.3	**0.8**	0.06	0.09	*C32*
Trachea, bronchus and lung	3048	17.0	119.2	**58.4**	3.19	7.32	1215	8.1	44.9	**21.1**	1.45	2.52	*C33-34*
Other thoracic organs	34	0.2	1.3	**0.6**	0.02	0.07	14	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	25	0.1	1.0	**0.8**	0.05	0.07	24	0.2	0.9	**0.6**	0.04	0.06	*C40-41*
Melanoma of skin	389	2.2	15.2	**8.4**	0.52	0.93	416	2.8	15.4	**9.5**	0.69	0.93	*C43*
Other skin	3126		122.2	**57.9**	2.72	6.72	2824		104.4	**42.8**	2.42	4.78	*C44*
Mesothelioma	75	0.4	2.9	**1.4**	0.07	0.20	14	0.1	0.5	**0.2**	0.02	0.03	*C45*
Kaposi sarcoma	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	107	0.6	4.2	**2.4**	0.13	0.23	69	0.5	2.6	**1.3**	0.08	0.14	*C47+C49*
Breast	40	0.2	1.6	**0.7**	0.04	0.09	4296	28.6	158.9	**81.9**	6.16	9.42	*C50*
Vulva							255	1.7	9.4	**4.1**	0.26	0.45	*C51*
Vagina							32	0.2	1.2	**0.5**	0.03	0.06	*C52*
Cervix uteri							359	2.4	13.3	**8.6**	0.69	0.85	*C53*
Corpus uteri							755	5.0	27.9	**12.3**	0.78	1.54	*C54*
Uterus unspecified							38	0.3	1.4	**0.5**	0.03	0.05	*C55*
Ovary							567	3.8	21.0	**10.1**	0.68	1.12	*C56*
Other female genital organs							42	0.3	1.6	**0.6**	0.04	0.07	*C57*
Placenta							2	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	46	0.3	1.8	**0.9**	0.06	0.11							*C60*
Prostate	4183	23.3	163.6	**75.9**	3.21	10.25							*C61*
Testis	225	1.3	8.8	**7.8**	0.60	0.61							*C62*
Other male genital organs	10	0.1	0.4	**0.2**	0.01	0.02							*C63*
Kidney	554	3.1	21.7	**11.1**	0.64	1.39	294	2.0	10.9	**4.5**	0.25	0.53	*C64*
Renal pelvis	25	0.1	1.0	**0.5**	0.02	0.05	25	0.2	0.9	**0.3**	0.01	0.04	*C65*
Ureter	23	0.1	0.9	**0.4**	0.01	0.04	21	0.1	0.8	**0.3**	0.01	0.04	*C66*
†Bladder	1373	7.6	53.7	**24.9**	1.06	2.89	498	3.3	18.4	**6.8**	0.34	0.79	*C67*
Other urinary organs	31	0.2	1.2	**0.5**	0.02	0.05	21	0.1	0.8	**0.2**	0.01	0.02	*C68*
Eye	22	0.1	0.9	**0.6**	0.04	0.06	22	0.1	0.8	**0.8**	0.04	0.06	*C69*
Brain, nervous system	273	1.5	10.7	**7.7**	0.48	0.76	243	1.6	9.0	**5.6**	0.34	0.55	*C70-72*
Thyroid	69	0.4	2.7	**1.9**	0.14	0.19	177	1.2	6.5	**4.5**	0.36	0.44	*C73*
Adrenal gland	8	0.0	0.3	**0.5**	0.03	0.03	8	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	3	0.0	0.1	**0.2**	0.01	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	84	0.5	3.3	**2.9**	0.20	0.24	60	0.4	2.2	**2.0**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	506	2.8	19.8	**10.7**	0.65	1.19	471	3.1	17.4	**7.6**	0.43	0.86	*C82-85,C96*
Immunoproliferative diseases	3	0.0	0.1	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	168	0.9	6.6	**3.2**	0.16	0.39	176	1.2	6.5	**2.6**	0.14	0.30	*C90*
Lymphoid leukaemia	170	0.9	6.6	**4.5**	0.22	0.40	112	0.7	4.1	**2.6**	0.13	0.23	*C91*
Myeloid leukaemia	195	1.1	7.6	**4.1**	0.21	0.42	202	1.3	7.5	**3.4**	0.21	0.36	*C92-94*
Leukaemia unspecified	12	0.1	0.5	**0.2**	0.00	0.01	19	0.1	0.7	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	5	0.0	0.2	**0.1**	0.00	0.00	8	0.1	0.3	**0.1**	0.00	0.00	*MPD*
Myelodysplastic syndromes	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	399	2.2	15.6	**7.8**	0.45	0.80	377	2.5	13.9	**4.5**	0.20	0.48	*O&U*
All sites	21096		824.9	**412.2**	21.59	49.32	17848		660.0	**298.4**	19.10	33.49	*C00-96*
All sites except C44	17970	100.0	702.7	**354.4**	18.87	42.61	15024	100.0	555.5	**255.6**	16.67	28.71	*C00-96 exc. C44*

† See note following population pyramid

Germany, Schleswig-Holstein

REGISTRATION AREA

The Schleswig-Holstein Cancer Registry covers Schleswig-Holstein, the northernmost federal state of Germany. The population is about 2.8 million and is mainly Caucasian. About 50% of residents live in rural areas.

CANCER CARE FACILITIES

The state's health care system is part of the national health care system. Medical care is provided through a tertiary health care system (private practices and state and regional hospitals) embedded in a statutory health insurance system. About 3000 physicians, 280 hospital departments, and 15 pathologists are involved in cancer care.

REGISTRY STRUCTURE AND METHODS

Statewide cancer registration began in 1998 and is regulated by a federal law requiring mandatory notification by all physicians. Electronic access to all death certificates is provided by regional health authorities. Registration and quality control are performed according to the European Network of Cancer Registries (ENCR) and IACR guidelines. To protect data confidentiality, the registry operates in two independent units: a data collection unit located within a medical association in the town of Bad Segeberg and a registration and analysis unit at the University of Lübeck. The registry is funded by the government and staffed by a physician, two epidemiologists, two computer scientists, and 12 documentation or coding employees. Trace-back of death-certificate-only (DCO) cases has been performed since diagnosis year 2003.

INTERPRETING THE RESULTS

Data completeness is independently reviewed by the Robert Koch Institute. As expected for a new registry, the DCO rate is still high, but is declining. There were no organized screening programmes in Schleswig-Holstein until 2007, although there were pilot projects for skin and breast cancer screening. An organized breast cancer screening programme began in some parts of Schleswig-Holstein in 2007 and statewide in 2008. A systematic skin cancer screening programme began in July 2008.

USE OF THE DATA

The registry publishes annual reports of incidence, trends, stage, histology, mortality, and survival. It also maintains an interactive online database and atlas (available from http://www.cancer-sh.de/). The registry performs local analyses of suspected cancer clusters upon request, and registry data are used for a variety of scientific research. The registry facilitates contact between investigators and patients for research purposes, provided the patients gave informed consent during the registration process.

CONTRIBUTORS

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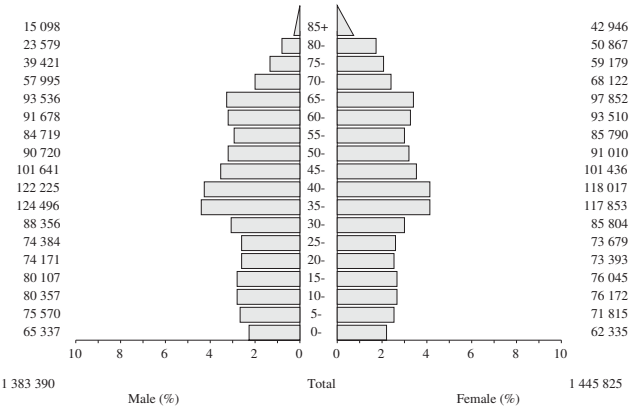
Germany, Schleswig-Holstein (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data provided by the statistical office of Hamburg and Schleswig-Holstein (http://www.statistik-nord.de/).

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	98.4	Breast	96.9
Prostate	85.8	Non-melanoma skin cancer	78.7
Trachea, bronchus and lung	48.6	Trachea, bronchus and lung	20.1
Bladder	25.6	Colon	19.9
Colon	25.1	Melanoma of skin	14.7
Rectum	16.8	Corpus uteri	11.5
Melanoma of skin	12.8	Ovary	10.5
Stomach	12.3	Rectum	10.0
Non-Hodgkin lymphoma	12.1	Cervix uteri	8.9
Testis	10.2	Non-Hodgkin lymphoma	8.6
All sites	447.5	All sites	357.6

Germany, Schleswig-Holstein (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	53	0.1	0.8	**0.4**	0.01	0.05	30	0.1	0.4	**0.1**	0.00	0.01	*C00*
Tongue	308	0.7	4.5	**2.6**	0.21	0.30	125	0.3	1.7	**0.9**	0.06	0.10	*C01-02*
Mouth	397	0.8	5.7	**3.5**	0.29	0.41	183	0.4	2.5	**1.4**	0.10	0.16	*C03-06*
Salivary glands	94	0.2	1.4	**0.7**	0.03	0.08	71	0.2	1.0	**0.5**	0.04	0.05	*C07-08*
Tonsil	232	0.5	3.4	**2.0**	0.16	0.25	87	0.2	1.2	**0.7**	0.06	0.09	*C09*
Other oropharynx	170	0.4	2.5	**1.4**	0.11	0.18	57	0.1	0.8	**0.5**	0.04	0.05	*C10*
Nasopharynx	41	0.1	0.6	**0.4**	0.03	0.04	20	0.0	0.3	**0.1**	0.01	0.02	*C11*
Hypopharynx	250	0.5	3.6	**2.1**	0.17	0.26	50	0.1	0.7	**0.4**	0.04	0.05	*C12-13*
Pharynx unspecified	31	0.1	0.4	**0.3**	0.02	0.03	9	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	839	1.8	12.1	**6.5**	0.43	0.84	280	0.7	3.9	**1.6**	0.10	0.19	*C15*
Stomach	1726	3.7	25.0	**12.3**	0.60	1.38	1343	3.2	18.6	**6.9**	0.32	0.77	*C16*
Small intestine	148	0.3	2.1	**1.1**	0.07	0.14	114	0.3	1.6	**0.7**	0.04	0.09	*C17*
Colon	3667	7.8	53.0	**25.1**	1.01	2.92	4034	9.5	55.8	**19.9**	0.88	2.24	*C18*
Rectum	2304	4.9	33.3	**16.8**	0.89	2.08	1857	4.4	25.7	**10.0**	0.51	1.17	*C19-20*
Anus	123	0.3	1.8	**1.0**	0.06	0.11	215	0.5	3.0	**1.5**	0.10	0.16	*C21*
Liver	686	1.5	9.9	**5.0**	0.26	0.61	339	0.8	4.7	**1.8**	0.08	0.19	*C22*
Gallbladder etc.	256	0.5	3.7	**1.8**	0.08	0.21	405	1.0	5.6	**1.9**	0.08	0.21	*C23-24*
Pancreas	1288	2.7	18.6	**9.2**	0.45	1.10	1370	3.2	19.0	**6.8**	0.30	0.75	*C25*
Nose, sinuses etc.	83	0.2	1.2	**0.7**	0.04	0.09	48	0.1	0.7	**0.3**	0.02	0.04	*C30-31*
Larynx	668	1.4	9.7	**5.3**	0.39	0.64	102	0.2	1.4	**0.7**	0.06	0.08	*C32*
Trachea, bronchus and lung	6659	14.2	96.3	**48.6**	2.64	6.22	3012	7.1	41.7	**20.1**	1.38	2.44	*C33-34*
Other thoracic organs	35	0.1	0.5	**0.3**	0.02	0.03	14	0.0	0.2	**0.1**	0.01	0.01	*C37-38*
Bone	66	0.1	1.0	**0.9**	0.05	0.08	57	0.1	0.8	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	1494	3.2	21.6	**12.8**	0.81	1.42	1702	4.0	23.5	**14.7**	1.08	1.44	*C43*
Other skin	14041		203.0	**98.4**	4.41	11.57	13451		186.1	**78.7**	4.54	9.16	*C44*
Mesothelioma	346	0.7	5.0	**2.4**	0.10	0.32	78	0.2	1.1	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	6	0.0	0.1	**0.0**	0.00	0.01	3	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	262	0.6	3.8	**2.4**	0.13	0.23	213	0.5	2.9	**1.9**	0.11	0.18	*C47+C49*
Breast	91	0.2	1.3	**0.7**	0.03	0.08	13186	31.1	182.4	**96.9**	7.23	11.08	*C50*
Vulva							585	1.4	8.1	**3.6**	0.21	0.38	*C51*
Vagina							71	0.2	1.0	**0.4**	0.02	0.05	*C52*
Cervix uteri							981	2.3	13.6	**8.9**	0.70	0.84	*C53*
Corpus uteri							1815	4.3	25.1	**11.5**	0.70	1.45	*C54*
Uterus unspecified							123	0.3	1.7	**0.5**	0.02	0.05	*C55*
Ovary							1647	3.9	22.8	**10.5**	0.68	1.22	*C56*
Other female genital organs							111	0.3	1.5	**0.6**	0.03	0.07	*C57*
Placenta							4	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	134	0.3	1.9	**1.0**	0.06	0.11							*C60*
Prostate	12512	26.7	180.9	**85.8**	3.56	11.27							*C61*
Testis	780	1.7	11.3	**10.2**	0.77	0.79							*C62*
Other male genital organs	22	0.0	0.3	**0.1**	0.01	0.02							*C63*
Kidney	1283	2.7	18.5	**10.0**	0.60	1.21	767	1.8	10.6	**4.8**	0.26	0.55	*C64*
Renal pelvis	127	0.3	1.8	**0.9**	0.04	0.11	90	0.2	1.2	**0.4**	0.01	0.05	*C65*
Ureter	74	0.2	1.1	**0.5**	0.02	0.06	40	0.1	0.6	**0.2**	0.01	0.02	*C66*
†Bladder	3731	8.0	53.9	**25.6**	1.05	2.92	1380	3.3	19.1	**7.2**	0.36	0.80	*C67*
Other urinary organs	63	0.1	0.9	**0.4**	0.01	0.04	38	0.1	0.5	**0.2**	0.01	0.01	*C68*
Eye	79	0.2	1.1	**0.8**	0.05	0.08	77	0.2	1.1	**0.6**	0.04	0.06	*C69*
Brain, nervous system	628	1.3	9.1	**6.0**	0.40	0.62	539	1.3	7.5	**4.5**	0.28	0.47	*C70-72*
Thyroid	176	0.4	2.5	**1.6**	0.11	0.17	437	1.0	6.0	**4.2**	0.33	0.42	*C73*
Adrenal gland	22	0.0	0.3	**0.2**	0.02	0.02	18	0.0	0.2	**0.4**	0.02	0.02	*C74*
Other endocrine	9	0.0	0.1	**0.1**	0.01	0.01	7	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	257	0.5	3.7	**3.1**	0.20	0.27	192	0.5	2.7	**2.5**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	1500	3.2	21.7	**12.1**	0.71	1.31	1369	3.2	18.9	**8.6**	0.50	0.98	*C82-85,C96*
Immunoproliferative diseases	10	0.0	0.1	**0.1**	0.00	0.01	9	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	665	1.4	9.6	**4.7**	0.22	0.54	577	1.4	8.0	**3.1**	0.14	0.37	*C90*
Lymphoid leukaemia	669	1.4	9.7	**5.9**	0.30	0.61	514	1.2	7.1	**4.4**	0.23	0.39	*C91*
Myeloid leukaemia	494	1.1	7.1	**4.1**	0.22	0.42	441	1.0	6.1	**3.1**	0.18	0.31	*C92-94*
Leukaemia unspecified	51	0.1	0.7	**0.4**	0.01	0.03	65	0.2	0.9	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	164	0.3	2.4	**1.2**	0.07	0.16	158	0.4	2.2	**1.0**	0.05	0.10	*MPD*
Myelodysplastic syndromes	258	0.6	3.7	**1.7**	0.05	0.15	225	0.5	3.1	**1.1**	0.03	0.09	*MDS*
Other and unspecified	845	1.8	12.2	**6.1**	0.30	0.66	1060	2.5	14.7	**4.8**	0.22	0.47	*O&U*
All sites	60917		880.7	**447.5**	22.32	53.23	55795		771.8	**357.6**	22.49	40.25	*C00-96*
All sites except C44	46876	100.0	677.7	**349.0**	17.91	41.66	42344	100.0	585.7	**278.9**	17.95	31.08	*C00-96 exc. C44*

† See note following population pyramid

Iceland

REGISTRATION AREA

The Icelandic Cancer Registry (ICR) covers the Republic of Iceland, located in the North Atlantic Ocean with an area of 103 000 km^2. About 80% of the country's 320 000 residents live in the capital city of Reykjavík and the surrounding area. Most of the population is Christian (Protestant) and of northern European descent.

CANCER CARE FACILITIES

All residents have easy access to the universal health care system. Cancer surgeries are mainly performed at Iceland's two major hospitals, and specialized cancer treatment is centralized at Landspitali University Hospital in Reykjavík. Advanced imaging facilities are available at both major hospitals.

REGISTRY STRUCTURE AND METHODS

The ICR was established in 1954 by the Icelandic Cancer Society (ICS) and was legally mandated in 2007 under a new Directorate of Health Act. The ICS runs the registry under contract with the Directorate of Health, but half of the registry's funding comes from the Ministry of Welfare. Registration is mandatory, and informed consent is not required. The core registry staff consists of a medical director, a managing director, two registrars, a data manager, a computer technician, and a statistician. There are also several student and part-time researcher positions. Iceland's four pathology laboratories are the ICR's primary data sources, from which the registry receives reports of all cases of invasive tumours (C codes) and selected non-invasive tumours (D codes); 95% of cases are microscopically verified. The other data sources are haematology laboratories, hospital departments, health care facilities, private consultants, and death certificates from Statistics Iceland. Further information is requested from sources as needed. Registration is carried out according to European guidelines (Tyczynski et al., 2003), and data are checked using the IARC-CHECK program.

INTERPRETING THE RESULTS

A nationwide screening programme was implemented for cervical cancer in 1964 and for breast cancer in 1987.

USE OF THE DATA

Cancer incidence, prevalence, and survival data are published annually on the ICR website and as part of the NORDCAN project (Engholm et al., 2010), and every 4 years in a book on cancer in Iceland. The ICR conducts epidemiological research, provides data to other researchers, and provides information for the planning of cancer prevention and treatment strategies.

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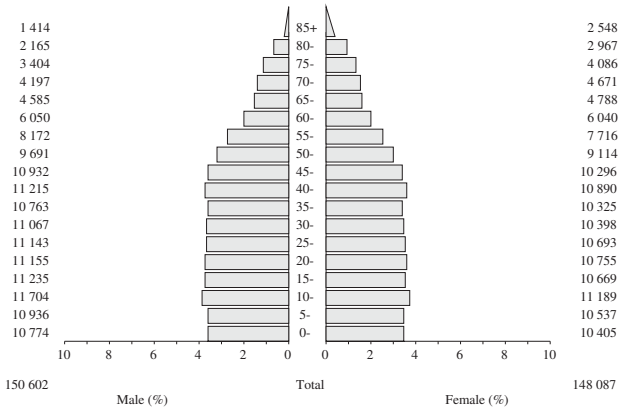
Iceland (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the Icelandic Population Register, which is regularly updated to account for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	98.9	Breast	86.7
Trachea, bronchus and lung	36.1	Trachea, bronchus and lung	32.4
Colon	24.1	Melanoma of skin	17.6
Bladder	20.4	Colon	17.1
Kidney	13.5	Corpus uteri	12.4
Non-Hodgkin lymphoma	11.5	Thyroid	12.0
Melanoma of skin	11.0	Non-melanoma skin cancer	9.1
Non-melanoma skin cancer	10.7	Kidney	8.3
Stomach	9.2	Other and unspecified	8.3
Rectum	9.1	Cervix uteri	7.7
All sites	328.4	All sites	287.0

Iceland (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	20	0.6	2.7	**1.7**	0.04	0.21	2	0.1	0.3	**0.1**	0.00	0.00	*C00*
Tongue	13	0.4	1.7	**1.4**	0.08	0.20	7	0.2	0.9	**0.6**	0.03	0.07	*C01-02*
Mouth	17	0.5	2.3	**1.6**	0.09	0.20	15	0.5	2.0	**1.3**	0.06	0.15	*C03-06*
Salivary glands	6	0.2	0.8	**0.6**	0.05	0.07	5	0.2	0.7	**0.6**	0.03	0.07	*C07-08*
Tonsil	6	0.2	0.8	**0.7**	0.05	0.07	4	0.1	0.5	**0.4**	0.04	0.04	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C10*
Nasopharynx	3	0.1	0.4	**0.4**	0.02	0.04	2	0.1	0.3	**0.3**	0.02	0.04	*C11*
Hypopharynx	2	0.1	0.3	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.3	**0.1**	0.01	0.01	*C14*
Oesophagus	56	1.7	7.4	**5.3**	0.22	0.68	24	0.8	3.2	**1.8**	0.03	0.22	*C15*
Stomach	104	3.1	13.8	**9.2**	0.42	0.92	67	2.3	9.0	**5.0**	0.22	0.56	*C16*
Small intestine	20	0.6	2.7	**2.0**	0.14	0.21	14	0.5	1.9	**1.3**	0.11	0.15	*C17*
Colon	269	8.0	35.7	**24.1**	1.11	2.84	216	7.3	29.2	**17.1**	0.78	2.03	*C18*
Rectum	98	2.9	13.0	**9.1**	0.49	1.09	78	2.6	10.5	**6.4**	0.38	0.74	*C19-20*
Anus	6	0.2	0.8	**0.6**	0.03	0.06	10	0.3	1.4	**0.8**	0.06	0.10	*C21*
Liver	33	1.0	4.4	**2.8**	0.11	0.32	16	0.5	2.2	**1.1**	0.04	0.14	*C22*
Gallbladder etc.	22	0.7	2.9	**2.0**	0.09	0.23	21	0.7	2.8	**1.5**	0.02	0.21	*C23-24*
Pancreas	82	2.4	10.9	**7.9**	0.35	1.01	75	2.5	10.1	**5.8**	0.26	0.68	*C25*
Nose, sinuses etc.	7	0.2	0.9	**0.7**	0.04	0.08	6	0.2	0.8	**0.5**	0.01	0.05	*C30-31*
Larynx	23	0.7	3.1	**1.9**	0.11	0.17	2	0.1	0.3	**0.2**	0.02	0.02	*C32*
Trachea, bronchus and lung	400	11.9	53.1	**36.1**	1.33	4.75	363	12.3	49.0	**32.4**	1.76	4.17	*C33-34*
Other thoracic organs	2	0.1	0.3	**0.2**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	13	0.4	1.7	**1.8**	0.12	0.12	7	0.2	0.9	**0.8**	0.05	0.08	*C40-41*
Melanoma of skin	106	3.1	14.1	**11.0**	0.72	1.20	161	5.4	21.7	**17.6**	1.29	1.57	*C43*
Other skin	131		17.4	**10.7**	0.33	1.03	131		17.7	**9.1**	0.34	0.91	*C44*
Mesothelioma	9	0.3	1.2	**0.6**	0.02	0.04	2	0.1	0.3	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	12	0.4	1.6	**0.8**	0.02	0.05	4	0.1	0.5	**0.2**	0.01	0.01	*C46*
Connective and soft tissue	27	0.8	3.6	**3.0**	0.19	0.23	23	0.8	3.1	**2.3**	0.15	0.26	*C47+C49*
Breast	10	0.3	1.3	**1.0**	0.06	0.12	852	28.8	115.1	**86.7**	6.71	9.96	*C50*
Vulva							11	0.4	1.5	**0.9**	0.07	0.07	*C51*
Vagina							2	0.1	0.3	**0.1**	0.00	0.00	*C52*
Cervix uteri							69	2.3	9.3	**7.7**	0.62	0.66	*C53*
Corpus uteri							130	4.4	17.6	**12.4**	0.79	1.57	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							76	2.6	10.3	**7.4**	0.48	0.80	*C56*
Other female genital organs							4	0.1	0.5	**0.4**	0.03	0.07	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	11	0.3	1.5	**0.9**	0.06	0.11							*C60*
Prostate	1070	31.8	142.1	**98.9**	3.53	13.14							*C61*
Testis	49	1.5	6.5	**6.0**	0.44	0.47							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	138	4.1	18.3	**13.5**	0.75	1.67	88	3.0	11.9	**8.3**	0.51	1.06	*C64*
Renal pelvis	7	0.2	0.9	**0.7**	0.04	0.08	4	0.1	0.5	**0.4**	0.03	0.03	*C65*
Ureter	4	0.1	0.5	**0.5**	0.03	0.08	2	0.1	0.3	**0.1**	0.00	0.00	*C66*
Bladder	230	6.8	30.5	**20.4**	0.73	2.56	66	2.2	8.9	**5.0**	0.23	0.64	*C67*
Other urinary organs	4	0.1	0.5	**0.5**	0.03	0.07	1	0.0	0.1	**0.1**	0.00	0.02	*C68*
Eye	9	0.3	1.2	**0.9**	0.04	0.10	5	0.2	0.7	**0.5**	0.03	0.05	*C69*
Brain, nervous system	66	2.0	8.8	**7.3**	0.49	0.74	58	2.0	7.8	**5.9**	0.37	0.60	*C70-72*
Thyroid	37	1.1	4.9	**3.5**	0.17	0.40	108	3.7	14.6	**12.0**	0.87	1.19	*C73*
Adrenal gland	1	0.0	0.1	**0.2**	0.01	0.01	4	0.1	0.5	**0.6**	0.01	0.07	*C74*
Other endocrine	4	0.1	0.5	**0.6**	0.03	0.03	3	0.1	0.4	**0.4**	0.04	0.04	*C75*
Hodgkin lymphoma	15	0.4	2.0	**2.1**	0.13	0.15	21	0.7	2.8	**2.3**	0.16	0.16	*C81*
Non-Hodgkin lymphoma	111	3.3	14.7	**11.5**	0.72	1.44	83	2.8	11.2	**7.3**	0.43	0.86	*C82-85,C96*
Immunoproliferative diseases	10	0.3	1.3	**0.9**	0.02	0.11	7	0.2	0.9	**0.6**	0.02	0.09	*C88*
Multiple myeloma	40	1.2	5.3	**3.8**	0.16	0.56	51	1.7	6.9	**3.9**	0.14	0.52	*C90*
Lymphoid leukaemia	46	1.4	6.1	**5.1**	0.26	0.58	21	0.7	2.8	**2.1**	0.08	0.19	*C91*
Myeloid leukaemia	38	1.1	5.0	**3.2**	0.15	0.32	25	0.8	3.4	**2.4**	0.15	0.24	*C92-94*
Leukaemia unspecified	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	28	0.8	3.7	**2.4**	0.10	0.26	24	0.8	3.2	**2.5**	0.15	0.30	*MPD*
Myelodysplastic syndromes	20	0.6	2.7	**2.0**	0.07	0.23	14	0.5	1.9	**0.9**	0.03	0.07	*MDS*
Other and unspecified	65	1.9	8.6	**5.6**	0.23	0.62	101	3.4	13.6	**8.3**	0.41	0.98	*O&U*
All sites	3501		464.9	**328.4**	14.46	39.73	3088		417.0	**287.0**	18.12	32.59	*C00-96*
All sites except C44	3370	100.0	447.5	**317.6**	14.13	38.70	2957	100.0	399.4	**277.8**	17.78	31.68	*C00-96 exc. C44*

Ireland

REGISTRATION AREA

The National Cancer Registry covers the Republic of Ireland. In 2006, the population was 4.2 million (2.1 million males and 2.1 million females), predominantly native-born and Caucasian. Ethnicity is not recorded by the registry. Most residents (87% at the 2006 census) are Roman Catholic.

CANCER CARE FACILITIES

Cancer patients have access to private and public health care facilities, all of which report to the registry. About 84% of incident cases are seen in public hospitals. There are three publicly funded radiotherapy centres and six smaller private centres. Almost all cancer treatment for Irish patients is provided within the country.

REGISTRY STRUCTURE AND METHODS

Collection of population-based cancer incidence data for the entire country began in 1994. The registry is administered by the National Cancer Registry Board and fully funded by the Irish Department of Health. The registry is staffed by 42 employees, 22 of whom are engaged in active data collection. Cancer notification is not mandatory in Ireland; most information is obtained through active case finding and data abstraction. Most notifications come from pathology departments, and the rest come from other hospital sources, death certificates, and general practitioners. The registry has access to all death certificates, which are followed up with the hospital or certifying doctor if a cancer has not been registered; if such a case cannot be confirmed, it is registered as a death-certificate-only (DCO) case. The registry does not perform active follow-up. ICD-O-3 is used to code topography and morphology. All malignant, in situ, and uncertain cancers are registered, as are benign intracranial and intraspinal tumours. Completeness has been calculated at 97% at 2 years from the incidence date.

INTERPRETING THE RESULTS

Breast cancer screening began in 2000, and full population coverage was achieved by 2009. A national cervical screening programme for women aged 25–60 years began in 2009.

USE OF THE DATA

The registry publishes annual reports on incidence, mortality, treatment, and survival. It has also published several scientific papers and reports on a wide variety of topics (see http://www.ncri.ie/publications). Registry data are widely used by cancer care organizations for service planning.

CONTRIBUTORS

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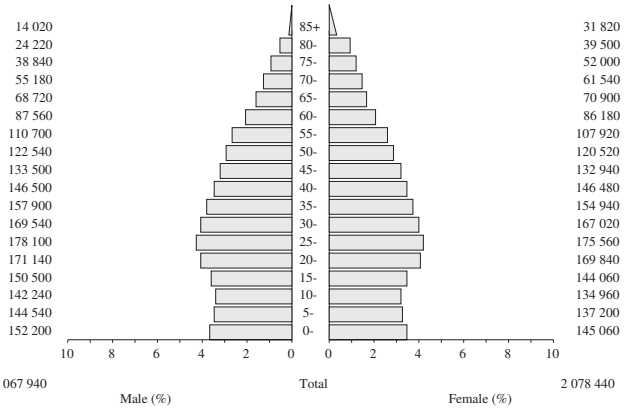
Ireland (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the Census Enquiries and Demography Sections of the Irish Central Statistics Office (http://www.cso.ie/).

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	125.7	Non-melanoma skin cancer	91.9
Prostate	92.2	Breast	83.1
Trachea, bronchus and lung	39.4	Trachea, bronchus and lung	23.3
Colon	25.8	Colon	18.4
Rectum	17.5	Melanoma of skin	12.5
Bladder	14.2	Ovary	12.1
Non-Hodgkin lymphoma	11.7	Corpus uteri	10.6
Stomach	10.5	Cervix uteri	9.3
Melanoma of skin	10.0	Rectum	8.8
Other and unspecified	9.3	Non-Hodgkin lymphoma	8.8
All sites	447.4	All sites	350.2

Ireland (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	97	0.2	0.9	**0.7**	0.03	0.07	19	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	226	0.5	2.2	**1.7**	0.13	0.20	115	0.3	1.1	**0.8**	0.05	0.10	*C01-02*
Mouth	222	0.5	2.1	**1.7**	0.12	0.22	141	0.4	1.4	**0.9**	0.05	0.11	*C03-06*
Salivary glands	110	0.3	1.1	**0.8**	0.03	0.09	52	0.1	0.5	**0.3**	0.02	0.03	*C07-08*
Tonsil	119	0.3	1.2	**0.9**	0.08	0.11	36	0.1	0.3	**0.3**	0.02	0.03	*C09*
Other oropharynx	32	0.1	0.3	**0.3**	0.02	0.03	11	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	54	0.1	0.5	**0.4**	0.03	0.04	14	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	137	0.3	1.3	**1.1**	0.06	0.14	52	0.1	0.5	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	50	0.1	0.5	**0.4**	0.02	0.04	14	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	1125	2.6	10.9	**8.2**	0.40	0.96	646	1.7	6.2	**3.5**	0.15	0.39	*C15*
Stomach	1472	3.4	14.2	**10.5**	0.44	1.27	882	2.3	8.5	**5.0**	0.21	0.56	*C16*
Small intestine	139	0.3	1.3	**1.0**	0.06	0.12	118	0.3	1.1	**0.7**	0.04	0.08	*C17*
Colon	3656	8.4	35.4	**25.8**	1.05	3.08	3124	8.1	30.1	**18.4**	0.88	2.17	*C18*
Rectum	2405	5.5	23.3	**17.5**	0.89	2.15	1418	3.7	13.6	**8.8**	0.49	1.04	*C19-20*
Anus	64	0.1	0.6	**0.5**	0.03	0.05	94	0.2	0.9	**0.6**	0.04	0.08	*C21*
Liver	460	1.1	4.4	**3.4**	0.15	0.40	250	0.6	2.4	**1.5**	0.06	0.16	*C22*
Gallbladder etc.	251	0.6	2.4	**1.7**	0.07	0.21	382	1.0	3.7	**2.1**	0.09	0.24	*C23-24*
Pancreas	1012	2.3	9.8	**7.3**	0.33	0.86	1061	2.8	10.2	**5.8**	0.23	0.65	*C25*
Nose, sinuses etc.	69	0.2	0.7	**0.5**	0.03	0.06	41	0.1	0.4	**0.3**	0.02	0.04	*C30-31*
Larynx	591	1.4	5.7	**4.5**	0.27	0.56	103	0.3	1.0	**0.7**	0.05	0.08	*C32*
Trachea, bronchus and lung	5543	12.7	53.6	**39.4**	1.67	4.83	3787	9.8	36.4	**23.3**	1.13	2.93	*C33-34*
Other thoracic organs	72	0.2	0.7	**0.6**	0.03	0.07	36	0.1	0.3	**0.2**	0.01	0.03	*C37-38*
Bone	101	0.2	1.0	**0.9**	0.06	0.08	86	0.2	0.8	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	1321	3.0	12.8	**10.0**	0.62	1.09	1758	4.6	16.9	**12.5**	0.85	1.29	*C43*
Other skin	17553		169.8	**125.7**	5.59	14.56	15225		146.5	**91.9**	4.69	10.49	*C44*
Mesothelioma	128	0.3	1.2	**1.0**	0.05	0.13	27	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	19	0.0	0.2	**0.2**	0.01	0.02	3	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	265	0.6	2.6	**2.1**	0.11	0.21	222	0.6	2.1	**1.7**	0.10	0.15	*C47+C49*
Breast	83	0.2	0.8	**0.6**	0.03	0.07	11363	29.5	109.3	**83.1**	6.31	9.39	*C50*
Vulva							217	0.6	2.1	**1.3**	0.06	0.14	*C51*
Vagina							59	0.2	0.6	**0.4**	0.02	0.03	*C52*
Cervix uteri							1193	3.1	11.5	**9.3**	0.74	0.90	*C53*
Corpus uteri							1467	3.8	14.1	**10.6**	0.75	1.32	*C54*
Uterus unspecified							103	0.3	1.0	**0.7**	0.05	0.09	*C55*
Ovary							1710	4.4	16.5	**12.1**	0.80	1.41	*C56*
Other female genital organs							31	0.1	0.3	**0.2**	0.02	0.03	*C57*
Placenta							4	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	111	0.3	1.1	**0.8**	0.04	0.10							*C60*
Prostate	12490	28.6	120.8	**92.2**	4.24	12.19							*C61*
Testis	787	1.8	7.6	**6.6**	0.49	0.50							*C62*
Other male genital organs	6	0.0	0.1	**0.0**	0.00	0.00							*C63*
Kidney	1220	2.8	11.8	**9.2**	0.52	1.11	748	1.9	7.2	**5.1**	0.30	0.60	*C64*
Renal pelvis	36	0.1	0.3	**0.2**	0.01	0.03	20	0.1	0.2	**0.1**	0.01	0.02	*C65*
Ureter	36	0.1	0.3	**0.3**	0.00	0.04	19	0.0	0.2	**0.1**	0.00	0.02	*C66*
†Bladder	2009	4.6	19.4	**14.2**	0.57	1.64	833	2.2	8.0	**5.0**	0.24	0.60	*C67*
Other urinary organs	16	0.0	0.2	**0.1**	0.00	0.01	7	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	114	0.3	1.1	**1.0**	0.06	0.10	98	0.3	0.9	**0.7**	0.04	0.08	*C69*
Brain, nervous system	902	2.1	8.7	**7.3**	0.45	0.76	662	1.7	6.4	**5.0**	0.30	0.52	*C70-72*
Thyroid	166	0.4	1.6	**1.3**	0.10	0.15	430	1.1	4.1	**3.4**	0.25	0.32	*C73*
Adrenal gland	24	0.1	0.2	**0.3**	0.01	0.02	36	0.1	0.3	**0.3**	0.02	0.03	*C74*
Other endocrine	21	0.0	0.2	**0.2**	0.01	0.02	33	0.1	0.3	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	291	0.7	2.8	**2.5**	0.17	0.22	223	0.6	2.1	**1.9**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	1517	3.5	14.7	**11.7**	0.72	1.30	1286	3.3	12.4	**8.8**	0.52	1.00	*C82-85,C96*
Immunoproliferative diseases	44	0.1	0.4	**0.3**	0.01	0.03	24	0.1	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	611	1.4	5.9	**4.3**	0.19	0.49	510	1.3	4.9	**3.1**	0.14	0.38	*C90*
Lymphoid leukaemia	852	1.9	8.2	**6.9**	0.34	0.70	469	1.2	4.5	**3.5**	0.17	0.34	*C91*
Myeloid leukaemia	492	1.1	4.8	**3.7**	0.18	0.40	354	0.9	3.4	**2.5**	0.15	0.25	*C92-94*
Leukaemia unspecified	94	0.2	0.9	**0.7**	0.03	0.06	78	0.2	0.8	**0.4**	0.01	0.03	*C95*
Myeloproliferative disorders	340	0.8	3.3	**2.5**	0.12	0.29	284	0.7	2.7	**1.8**	0.10	0.21	*MPD*
Myelodysplastic syndromes	349	0.8	3.4	**2.3**	0.05	0.23	249	0.6	2.4	**1.2**	0.04	0.13	*MDS*
Other and unspecified	1364	3.1	13.2	**9.3**	0.33	0.95	1529	4.0	14.7	**8.0**	0.30	0.80	*O&U*
All sites	61268		592.6	**447.4**	21.06	53.07	53756		517.3	**350.2**	20.76	39.61	*C00-96*
All sites except C44	43715	100.0	422.8	**321.8**	15.47	38.51	38531	100.0	370.8	**258.3**	16.07	29.12	*C00-96 exc. C44*

† See note following population pyramid

Italy, Biella

REGISTRATION AREA

The Piedmont Cancer Registry, Province of Biella, covers the province of Biella, which has 82 municipalities and is in the Piedmont region of Italy. In 2010, the population was 186 000, with 45% living in urban areas. The textile industry plays an important role in Biella. The number of immigrants from other countries is limited (10 600 people). Biella's population is ageing; the province's elderly index (the ratio of the population aged more than 64 years to the population aged less than 15 years, multiplied by 100) is 209.6.

CANCER CARE FACILITIES

Biella's one public hospital provides all main specialities except highly specialized surgery. It has oncology, haematology, radiotherapy, and palliative care units. There are also two private clinics. Residents often travel to hospitals in nearby areas or the larger centres of Milan, Turin, Novara, and Pavia, but generally return to Biella for treatment and follow-up.

REGISTRY STRUCTURE AND METHODS

The registry is located in the epidemiology unit of the local health authority and is affiliated with the Piedmont Reference Centre for Epidemiology and Cancer Prevention (CPO Piemonte) in Turin. The registry employs one physician and one nurse, and another physician works on the mortality registry. The cancer registry is subject to general legislation on confidentiality. The registry actively obtains case reports from hospitals (160) and pathology laboratories (10) and verifies data against internal clinical databases. Hospitalization records are screened for cases, and the registry follows up for vital status and to identify patients who have emigrated out of the area.

INTERPRETING THE RESULTS

The proportion of diagnosis and treatment provided in ambulatory care facilities has increased. Population screening has been available for cervical and breast cancers since 1990 and for colorectal cancer since 2003. Opportunistic screening for prostate cancer and melanoma is provided by various cancer foundations.

USE OF THE DATA

The registry reports cancer incidence and mortality, as well as trends and changes in hospital admissions. Registry data are provided to the Italian network of cancer registries (AIRTUM) for national use and scientific research. The registry also conducts research on health services and quality.

CONTRIBUTORS

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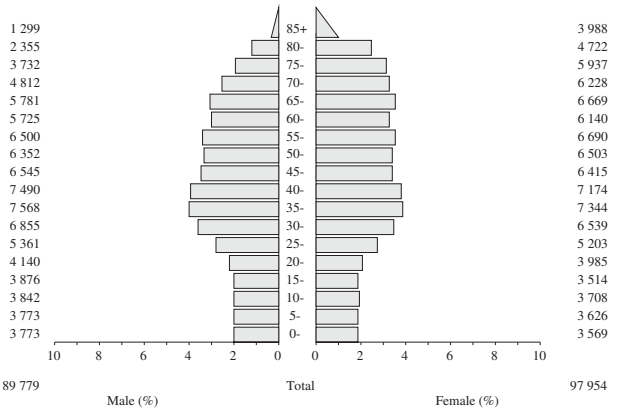
Italy, Biella (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Piedmont Regional Statistical Office.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	69.6	Breast	89.4
Trachea, bronchus and lung	55.9	Colon	19.0
Bladder	38.5	Trachea, bronchus and lung	13.9
Colon	28.9	Corpus uteri	12.8
Non-melanoma skin cancer	16.6	Non-melanoma skin cancer	12.1
Rectum	14.5	Non-Hodgkin lymphoma	10.9
Non-Hodgkin lymphoma	14.2	Melanoma of skin	10.8
Liver	13.2	Thyroid	9.9
Stomach	13.0	Rectum	9.4
Melanoma of skin	11.5	Ovary	8.4
All sites	388.9	All sites	277.6

Italy, Biella (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.1	0.7	**0.3**	0.02	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	32	0.8	7.1	**3.8**	0.26	0.44	12	0.4	2.5	**1.2**	0.06	0.11	*C01-02*
Mouth	24	0.6	5.3	**2.8**	0.24	0.34	12	0.4	2.5	**1.0**	0.06	0.11	*C03-06*
Salivary glands	6	0.2	1.3	**0.9**	0.04	0.08	7	0.2	1.4	**0.5**	0.03	0.06	*C07-08*
Tonsil	25	0.7	5.6	**2.9**	0.23	0.38	3	0.1	0.6	**0.2**	0.00	0.05	*C09*
Other oropharynx	9	0.2	2.0	**1.2**	0.11	0.13	1	0.0	0.2	**0.0**	0.00	0.00	*C10*
Nasopharynx	9	0.2	2.0	**1.1**	0.06	0.14	2	0.1	0.4	**0.4**	0.04	0.04	*C11*
Hypopharynx	23	0.6	5.1	**2.9**	0.22	0.38	3	0.1	0.6	**0.4**	0.03	0.05	*C12-13*
Pharynx unspecified	3	0.1	0.7	**0.3**	0.00	0.04	2	0.1	0.4	**0.2**	0.02	0.03	*C14*
Oesophagus	40	1.1	8.9	**3.5**	0.18	0.28	11	0.4	2.2	**0.6**	0.01	0.08	*C15*
Stomach	142	3.8	31.6	**13.0**	0.64	1.48	104	3.3	21.2	**6.1**	0.28	0.65	*C16*
Small intestine	12	0.3	2.7	**1.2**	0.06	0.17	4	0.1	0.8	**0.5**	0.05	0.06	*C17*
Colon	307	8.1	68.4	**28.9**	1.43	3.55	284	9.1	58.0	**19.0**	1.08	2.16	*C18*
Rectum	151	4.0	33.6	**14.5**	0.72	1.86	135	4.3	27.6	**9.4**	0.55	1.13	*C19-20*
Anus	9	0.2	2.0	**0.8**	0.02	0.13	15	0.5	3.1	**1.1**	0.08	0.11	*C21*
Liver	144	3.8	32.1	**13.2**	0.67	1.55	69	2.2	14.1	**3.4**	0.11	0.36	*C22*
Gallbladder etc.	35	0.9	7.8	**2.7**	0.03	0.23	51	1.6	10.4	**3.3**	0.20	0.38	*C23-24*
Pancreas	107	2.8	23.8	**10.3**	0.51	1.27	118	3.8	24.1	**6.8**	0.28	0.77	*C25*
Nose, sinuses etc.	6	0.2	1.3	**0.7**	0.03	0.09	4	0.1	0.8	**0.4**	0.03	0.05	*C30-31*
Larynx	74	2.0	16.5	**6.8**	0.31	0.87	9	0.3	1.8	**0.9**	0.08	0.11	*C32*
Trachea, bronchus and lung	633	16.8	141.0	**55.9**	2.57	6.94	197	6.3	40.2	**13.9**	0.79	1.73	*C33-34*
Other thoracic organs	9	0.2	2.0	**1.3**	0.11	0.11	9	0.3	1.8	**0.8**	0.04	0.09	*C37-38*
Bone	10	0.3	2.2	**1.5**	0.08	0.14	6	0.2	1.2	**0.5**	0.05	0.05	*C40-41*
Melanoma of skin	80	2.1	17.8	**11.5**	0.80	1.20	91	2.9	18.6	**10.8**	0.87	1.07	*C43*
Other skin	176		39.2	**16.6**	0.83	2.00	167		34.1	**12.1**	0.60	1.44	*C44*
Mesothelioma	11	0.3	2.5	**1.0**	0.03	0.17	7	0.2	1.4	**0.5**	0.03	0.08	*C45*
Kaposi sarcoma	5	0.1	1.1	**0.6**	0.04	0.04	5	0.2	1.0	**0.3**	0.01	0.03	*C46*
Connective and soft tissue	18	0.5	4.0	**1.9**	0.13	0.18	17	0.5	3.5	**1.2**	0.07	0.10	*C47+C49*
Breast	9	0.2	2.0	**1.2**	0.10	0.15	901	28.8	184.0	**89.4**	6.65	9.98	*C50*
Vulva							27	0.9	5.5	**1.7**	0.09	0.17	*C51*
Vagina							3	0.1	0.6	**0.1**	0.00	0.00	*C52*
Cervix uteri							62	2.0	12.7	**7.8**	0.64	0.85	*C53*
Corpus uteri							134	4.3	27.4	**12.8**	1.00	1.53	*C54*
Uterus unspecified							1	0.0	0.2	**0.1**	0.02	0.02	*C55*
Ovary							94	3.0	19.2	**8.4**	0.60	0.99	*C56*
Other female genital organs							12	0.4	2.5	**0.8**	0.05	0.09	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	11	0.3	2.5	**1.0**	0.05	0.13							*C60*
Prostate	760	20.1	169.3	**69.6**	3.14	9.29							*C61*
Testis	37	1.0	8.2	**7.9**	0.59	0.59							*C62*
Other male genital organs	2	0.1	0.4	**0.8**	0.04	0.04							*C63*
Kidney	100	2.7	22.3	**10.3**	0.62	1.20	70	2.2	14.3	**5.4**	0.26	0.62	*C64*
Renal pelvis	5	0.1	1.1	**0.3**	0.00	0.03	7	0.2	1.4	**0.5**	0.03	0.06	*C65*
Ureter	3	0.1	0.7	**0.4**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
†Bladder	414	11.0	92.2	**38.5**	1.94	4.55	95	3.0	19.4	**5.9**	0.30	0.72	*C67*
Other urinary organs	1	0.0	0.2	**0.1**	0.00	0.02	1	0.0	0.2	**0.0**	0.00	0.00	*C68*
Eye	2	0.1	0.4	**0.2**	0.00	0.04	3	0.1	0.6	**0.3**	0.01	0.03	*C69*
Brain, nervous system	50	1.3	11.1	**5.6**	0.37	0.68	47	1.5	9.6	**3.5**	0.17	0.39	*C70-72*
Thyroid	25	0.7	5.6	**3.8**	0.27	0.40	70	2.2	14.3	**9.9**	0.80	1.00	*C73*
Adrenal gland	1	0.0	0.2	**0.1**	0.00	0.02	1	0.0	0.2	**0.0**	0.00	0.00	*C74*
Other endocrine	1	0.0	0.2	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	23	0.6	5.1	**4.5**	0.29	0.40	20	0.6	4.1	**5.5**	0.36	0.37	*C81*
Non-Hodgkin lymphoma	124	3.3	27.6	**14.2**	0.89	1.54	127	4.1	25.9	**10.9**	0.66	1.25	*C82-85,C96*
Immunoproliferative diseases	7	0.2	1.6	**0.8**	0.08	0.08	7	0.2	1.4	**0.3**	0.01	0.05	*C88*
Multiple myeloma	32	0.8	7.1	**3.1**	0.14	0.39	47	1.5	9.6	**2.9**	0.18	0.33	*C90*
Lymphoid leukaemia	48	1.3	10.7	**6.8**	0.35	0.53	36	1.1	7.4	**3.7**	0.16	0.35	*C91*
Myeloid leukaemia	31	0.8	6.9	**4.2**	0.26	0.41	36	1.1	7.4	**2.6**	0.14	0.32	*C92-94*
Leukaemia unspecified	1	0.0	0.2	**0.1**	0.00	0.00	4	0.1	0.8	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	45	1.2	10.0	**4.4**	0.21	0.55	30	1.0	6.1	**3.3**	0.22	0.37	*MPD*
Myelodysplastic syndromes	38	1.0	8.5	**3.1**	0.10	0.36	28	0.9	5.7	**1.4**	0.03	0.17	*MDS*
Other and unspecified	76	2.0	16.9	**5.8**	0.23	0.54	92	2.9	18.8	**4.6**	0.24	0.46	*O&U*
All sites	3949		879.7	**388.9**	20.07	46.22	3300		673.8	**277.6**	18.07	31.01	*C00-96*
All sites except C44	3773	100.0	840.5	**372.3**	19.24	44.22	3133	100.0	639.7	**265.5**	17.47	29.57	*C00-96 exc. C44*

† See note following population pyramid

Italy, Brescia

REGISTRATION AREA

The Brescia Health Unit Cancer Registry covers about 91% of the population of Brescia, one of the most densely populated provinces in the Lombardy region of northern Italy. In 2005, the province's population was 1 million, in an area of 3460 km^2 (290 residents/km^2), including the city of Brescia (about 195 000 residents) and 163 smaller towns. Foreign residents accounted for about 10% of the population (35% from eastern Europe and 30% from northern Africa).

CANCER CARE FACILITIES

There are 12 public hospitals and nine private hospitals in the registration area. The largest hospital (in the city of Brescia) has medical and surgical specialists and a radiotherapy department.

REGISTRY STRUCTURE AND METHODS

The registry's staff members (four nurses, a secretary, a medical doctor, and a computer programmer) are employees of the Brescia Local Health Authority. The registry's scientific director is a full professor at the Institute of Hygiene, Epidemiology and Public Health of the University of Brescia. Since 2002, the Varese Province branch of the Lombardy Cancer Registry has provided the Brescia Health Unit Cancer Registry with considerable technical support. The Brescia registry uses an automated population-based cancer registration system based on three electronic sources of data: hospital discharge records, pathology reports, and death certificates. Automatic record linkage is carried out between the collected data and the social security system to assign a patient code to each record. Records are linked with prevalence data. Concordant incident malignant case reports are definitively assigned to the registry. Discordant and incomplete case reports are reviewed by registry staff members, who refer back to the original hospital clinical records as necessary. For cases reported by death certificate, the registry performs trace-back and ultimately classifies cases that cannot be linked with any other source of information as death-certificate-only (DCO) cases.

INTERPRETING THE RESULTS

Three cancer screening programmes have been active in the Brescia area since the late 1980s: a breast cancer screening programme and a cervical cancer screening programme for women and a colorectal cancer screening programme for both sexes.

USE OF THE DATA

Registry reports are available for the periods 1993–1995, 1999–2001, and 2004–2006.

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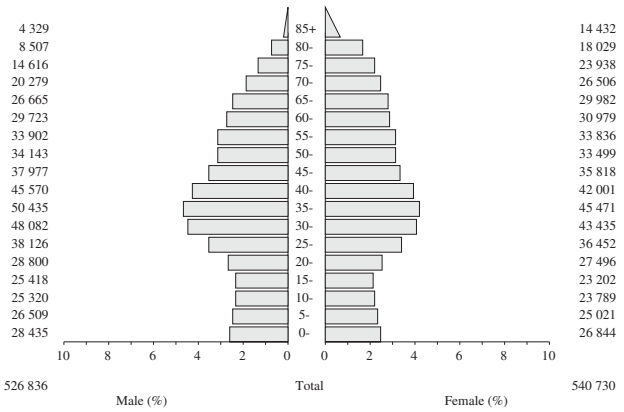
Italy, Brescia (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	77.6	Breast	99.4
Non-melanoma skin cancer	69.5	Non-melanoma skin cancer	46.3
Trachea, bronchus and lung	54.0	Colon	18.9
Colon	26.8	Thyroid	18.0
Bladder	26.1	Trachea, bronchus and lung	11.9
Liver	24.0	Corpus uteri	11.9
Stomach	21.7	Non-Hodgkin lymphoma	10.9
Kidney	14.4	Ovary	10.4
Non-Hodgkin lymphoma	12.7	Stomach	10.2
Pancreas	11.4	Melanoma of skin	9.0
All sites	441.7	All sites	325.5

Italy, Brescia (2003-2006)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	17	0.1	0.8	**0.4**	0.02	0.05	1	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	70	0.5	3.3	**2.0**	0.15	0.23	35	0.3	1.6	**0.9**	0.08	0.11	*C01-02*
Mouth	94	0.7	4.5	**2.8**	0.20	0.33	40	0.3	1.8	**0.9**	0.05	0.10	*C03-06*
Salivary glands	20	0.1	0.9	**0.6**	0.04	0.07	28	0.2	1.3	**0.9**	0.06	0.08	*C07-08*
Tonsil	35	0.3	1.7	**1.1**	0.09	0.13	11	0.1	0.5	**0.3**	0.02	0.03	*C09*
Other oropharynx	42	0.3	2.0	**1.2**	0.10	0.14	7	0.1	0.3	**0.2**	0.02	0.02	*C10*
Nasopharynx	26	0.2	1.2	**0.8**	0.06	0.10	8	0.1	0.4	**0.2**	0.01	0.02	*C11*
Hypopharynx	61	0.4	2.9	**1.7**	0.11	0.21	12	0.1	0.6	**0.3**	0.03	0.03	*C12-13*
Pharynx unspecified	19	0.1	0.9	**0.5**	0.03	0.07	8	0.1	0.4	**0.2**	0.01	0.01	*C14*
Oesophagus	172	1.3	8.2	**4.7**	0.26	0.57	50	0.4	2.3	**0.9**	0.05	0.12	*C15*
Stomach	839	6.1	39.8	**21.7**	0.97	2.64	586	5.0	27.1	**10.2**	0.49	1.14	*C16*
Small intestine	44	0.3	2.1	**1.3**	0.08	0.16	30	0.3	1.4	**0.5**	0.03	0.05	*C17*
Colon	1046	7.6	49.6	**26.8**	1.21	3.22	996	8.5	46.0	**18.9**	1.00	2.23	*C18*
Rectum	395	2.9	18.7	**10.5**	0.55	1.24	281	2.4	13.0	**6.1**	0.35	0.73	*C19-20*
Anus	16	0.1	0.8	**0.4**	0.02	0.05	43	0.4	2.0	**0.9**	0.06	0.10	*C21*
Liver	895	6.5	42.5	**24.0**	1.23	3.18	375	3.2	17.3	**6.2**	0.23	0.73	*C22*
Gallbladder etc.	97	0.7	4.6	**2.5**	0.07	0.31	161	1.4	7.4	**2.7**	0.11	0.31	*C23-24*
Pancreas	423	3.1	20.1	**11.4**	0.57	1.43	408	3.5	18.9	**6.8**	0.28	0.83	*C25*
Nose, sinuses etc.	19	0.1	0.9	**0.5**	0.02	0.07	20	0.2	0.9	**0.5**	0.04	0.05	*C30-31*
Larynx	331	2.4	15.7	**9.2**	0.59	1.17	41	0.4	1.9	**1.2**	0.09	0.12	*C32*
Trachea, bronchus and lung	2098	15.3	99.6	**54.0**	2.32	6.92	595	5.1	27.5	**11.9**	0.64	1.42	*C33-34*
Other thoracic organs	38	0.3	1.8	**1.2**	0.05	0.11	24	0.2	1.1	**0.5**	0.03	0.05	*C37-38*
Bone	29	0.2	1.4	**1.3**	0.08	0.11	17	0.1	0.8	**0.8**	0.04	0.06	*C40-41*
Melanoma of skin	302	2.2	14.3	**9.2**	0.64	1.04	290	2.5	13.4	**9.0**	0.66	0.86	*C43*
Other skin	2609		123.8	**69.5**	3.53	7.99	2269		104.9	**46.3**	2.67	5.05	*C44*
Mesothelioma	62	0.5	2.9	**1.7**	0.11	0.24	29	0.2	1.3	**0.6**	0.03	0.07	*C45*
Kaposi sarcoma	71	0.5	3.4	**1.9**	0.11	0.20	31	0.3	1.4	**0.5**	0.02	0.05	*C46*
Connective and soft tissue	49	0.4	2.3	**1.7**	0.10	0.17	64	0.5	3.0	**1.8**	0.11	0.19	*C47+C49*
Breast	30	0.2	1.4	**0.8**	0.05	0.11	3832	32.7	177.2	**99.4**	7.48	11.16	*C50*
Vulva							50	0.4	2.3	**0.9**	0.04	0.10	*C51*
Vagina							8	0.1	0.4	**0.1**	0.01	0.01	*C52*
Cervix uteri							227	1.9	10.5	**6.9**	0.54	0.68	*C53*
Corpus uteri							468	4.0	21.6	**11.9**	0.91	1.45	*C54*
Uterus unspecified							70	0.6	3.2	**1.5**	0.09	0.14	*C55*
Ovary							395	3.4	18.3	**10.4**	0.73	1.16	*C56*
Other female genital organs							42	0.4	1.9	**0.7**	0.04	0.07	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	18	0.1	0.9	**0.5**	0.02	0.04							*C60*
Prostate	3006	21.9	142.6	**77.6**	3.40	10.45							*C61*
Testis	127	0.9	6.0	**5.3**	0.39	0.39							*C62*
Other male genital organs	16	0.1	0.8	**0.4**	0.02	0.06							*C63*
Kidney	502	3.7	23.8	**14.4**	0.92	1.75	252	2.2	11.7	**6.0**	0.36	0.70	*C64*
Renal pelvis	9	0.1	0.4	**0.2**	0.01	0.02	6	0.1	0.3	**0.1**	0.00	0.01	*C65*
Ureter	19	0.1	0.9	**0.5**	0.01	0.06	2	0.0	0.1	**0.0**	0.00	0.00	*C66*
Bladder	1000	7.3	47.5	**26.1**	1.23	3.09	253	2.2	11.7	**4.5**	0.22	0.51	*C67*
Other urinary organs	53	0.4	2.5	**1.4**	0.07	0.15	27	0.2	1.2	**0.5**	0.02	0.05	*C68*
Eye	10	0.1	0.5	**0.2**	0.00	0.04	11	0.1	0.5	**0.2**	0.01	0.02	*C69*
Brain, nervous system	179	1.3	8.5	**5.9**	0.38	0.63	156	1.3	7.2	**4.5**	0.28	0.43	*C70-72*
Thyroid	193	1.4	9.2	**6.8**	0.50	0.66	535	4.6	24.7	**18.0**	1.44	1.80	*C73*
Adrenal gland	9	0.1	0.4	**0.5**	0.02	0.03	7	0.1	0.3	**0.4**	0.03	0.03	*C74*
Other endocrine	4	0.0	0.2	**0.2**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	85	0.6	4.0	**3.5**	0.24	0.28	77	0.7	3.6	**4.0**	0.25	0.29	*C81*
Non-Hodgkin lymphoma	429	3.1	20.4	**12.7**	0.73	1.42	452	3.9	20.9	**10.9**	0.71	1.20	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	160	1.2	7.6	**4.2**	0.24	0.48	158	1.3	7.3	**3.3**	0.18	0.41	*C90*
Lymphoid leukaemia	139	1.0	6.6	**5.2**	0.29	0.49	85	0.7	3.9	**3.0**	0.16	0.22	*C91*
Myeloid leukaemia	143	1.0	6.8	**3.9**	0.21	0.41	117	1.0	5.4	**2.7**	0.16	0.30	*C92-94*
Leukaemia unspecified	15	0.1	0.7	**0.4**	0.01	0.05	20	0.2	0.9	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	9	0.1	0.4	**0.2**	0.00	0.03	9	0.1	0.4	**0.2**	0.01	0.02	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	237	1.7	11.2	**6.3**	0.27	0.68	262	2.2	12.1	**4.7**	0.22	0.45	*O&U*
All sites	16311		774.0	**441.7**	22.33	53.50	13983		646.5	**325.5**	21.14	35.79	*C00-96*
All sites except C44	13702	100.0	650.2	**372.2**	18.80	45.50	11714	100.0	541.6	**279.2**	18.47	30.74	*C00-96 exc. C44*

Italy, Catania and Messina

REGISTRATION AREA

The Catania-Messina Section of the Integrated Cancer Registry of Catania-Messina-Siracusa-Enna covers the provinces of Catania and Messina in the autonomous region of Sicily in Italy. The Catania-Messina registry was established in 2003 and merged with the Syracuse registry in 2004, but data are still analysed separately for Catania-Messina and Syracuse. The province of Enna was annexed in 2007, leading to the coverage of about half of the Sicilian population (2.3 million people). Most residents live in medium urban (40%) or rural (40%) areas.

CANCER CARE FACILITIES

About 70 facilities (including 10 major hospitals and seven radiotherapy facilities) provide cancer treatment in the covered area.

REGISTRY STRUCTURE AND METHODS

The registry is located in the University of Catania Medical School and funded by the regional government. There are 15 staff members: a director, nine full- or half-time registrars, two informaticians, a statistician, a clerk responsible for archives and retrieving medical reports, and a secretary, as well as a scientific committee. The primary data sources are hospital discharge cards, death certificates, and histopathology reports; secondary sources include medical records, oncology and imaging reports, palliative care records, and information from general practitioners. The registry has centralized the flow of all data through an online portal. The registry's archives are digital, but mainly free of coding; cases are therefore abstracted semi-automatically and completed manually. Cases are checked using IARCcrgTools, DEPedits, and CheckAIRTUM software.

INTERPRETING THE RESULTS

Breast and cervical cancer screening programmes were introduced in 2000.

USE OF THE DATA

Data on the incidence and extent of disease of breast and cervical cancers are published nationally, and survival data will be published through the CONCORD-3 study. Local research typically focuses on National Priority Contaminated Sites and the so-called volcanic factor associated with Mount Etna.

CONTRIBUTORS

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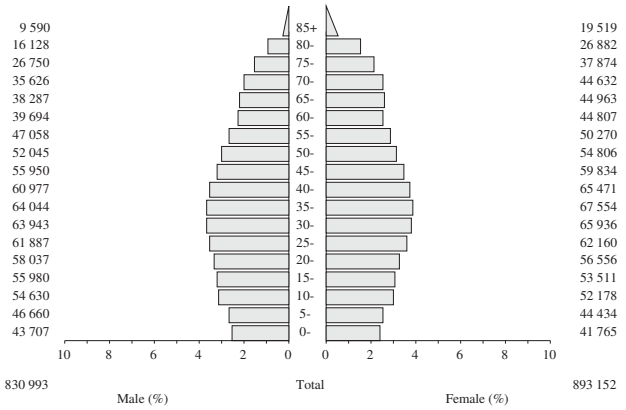
Italy, Catania and Messina (2003-2005)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	49.4	Breast	69.1
Prostate	44.0	Non-melanoma skin cancer	29.0
Trachea, bronchus and lung	43.9	Thyroid	25.7
Bladder	38.6	Colon	15.4
Colon	21.8	Corpus uteri	13.5
Rectum	12.5	Trachea, bronchus and lung	8.5
Stomach	12.1	Ovary	7.9
Non-Hodgkin lymphoma	10.9	Rectum	7.2
Liver	8.9	Non-Hodgkin lymphoma	7.0
Lymphoid leukaemia	7.8	Stomach	6.5
All sites	341.2	All sites	256.9

Italy, Catania and Messina (2003-2005)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	42	0.3	1.7	**0.9**	0.04	0.10	10	0.1	0.4	**0.2**	0.01	0.01	*C00*
Tongue	66	0.5	2.6	**1.7**	0.11	0.19	35	0.3	1.3	**0.6**	0.02	0.08	*C01-02*
Mouth	63	0.5	2.5	**1.5**	0.09	0.18	30	0.3	1.1	**0.6**	0.04	0.07	*C03-06*
Salivary glands	31	0.2	1.2	**0.6**	0.03	0.08	22	0.2	0.8	**0.4**	0.02	0.04	*C07-08*
Tonsil	19	0.1	0.8	**0.5**	0.04	0.06	9	0.1	0.3	**0.2**	0.01	0.02	*C09*
Other oropharynx	10	0.1	0.4	**0.2**	0.01	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	49	0.4	2.0	**1.5**	0.12	0.15	23	0.2	0.9	**0.6**	0.05	0.07	*C11*
Hypopharynx	17	0.1	0.7	**0.5**	0.04	0.06	6	0.1	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	6	0.0	0.2	**0.1**	0.00	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	61	0.5	2.4	**1.6**	0.11	0.19	27	0.2	1.0	**0.4**	0.02	0.04	*C15*
Stomach	555	4.4	22.3	**12.1**	0.61	1.42	400	3.7	14.9	**6.5**	0.30	0.75	*C16*
Small intestine	26	0.2	1.0	**0.6**	0.04	0.07	18	0.2	0.7	**0.3**	0.02	0.04	*C17*
Colon	1046	8.2	42.0	**21.8**	0.96	2.57	924	8.5	34.5	**15.4**	0.83	1.83	*C18*
Rectum	578	4.5	23.2	**12.5**	0.63	1.54	409	3.8	15.3	**7.2**	0.43	0.87	*C19-20*
Anus	20	0.2	0.8	**0.5**	0.04	0.05	24	0.2	0.9	**0.5**	0.03	0.05	*C21*
Liver	411	3.2	16.5	**8.9**	0.45	1.13	210	1.9	7.8	**2.9**	0.11	0.32	*C22*
Gallbladder etc.	201	1.6	8.1	**4.2**	0.17	0.52	249	2.3	9.3	**4.0**	0.19	0.48	*C23-24*
Pancreas	301	2.4	12.1	**6.8**	0.39	0.78	350	3.2	13.1	**5.5**	0.28	0.63	*C25*
Nose, sinuses etc.	20	0.2	0.8	**0.6**	0.04	0.06	7	0.1	0.3	**0.2**	0.01	0.02	*C30-31*
Larynx	287	2.3	11.5	**7.2**	0.50	0.89	22	0.2	0.8	**0.4**	0.03	0.05	*C32*
Trachea, bronchus and lung	2001	15.7	80.3	**43.9**	2.26	5.55	442	4.1	16.5	**8.5**	0.53	0.98	*C33-34*
Other thoracic organs	34	0.3	1.4	**0.9**	0.06	0.07	16	0.1	0.6	**0.3**	0.02	0.03	*C37-38*
Bone	23	0.2	0.9	**0.8**	0.05	0.05	18	0.2	0.7	**0.6**	0.05	0.05	*C40-41*
Melanoma of skin	162	1.3	6.5	**4.3**	0.30	0.46	170	1.6	6.3	**4.0**	0.28	0.43	*C43*
Other skin	2291		91.9	**49.4**	2.43	5.75	1653		61.7	**29.0**	1.62	3.23	*C44*
Mesothelioma	36	0.3	1.4	**0.9**	0.06	0.12	23	0.2	0.9	**0.5**	0.04	0.05	*C45*
Kaposi sarcoma	37	0.3	1.5	**0.8**	0.04	0.08	19	0.2	0.7	**0.3**	0.02	0.03	*C46*
Connective and soft tissue	57	0.4	2.3	**1.8**	0.11	0.14	57	0.5	2.1	**1.7**	0.11	0.15	*C47+C49*
Breast	29	0.2	1.2	**0.7**	0.04	0.08	3046	28.1	113.7	**69.1**	5.08	7.83	*C50*
Vulva							72	0.7	2.7	**1.1**	0.06	0.12	*C51*
Vagina							16	0.1	0.6	**0.3**	0.02	0.04	*C52*
Cervix uteri							190	1.8	7.1	**4.7**	0.36	0.48	*C53*
Corpus uteri							639	5.9	23.8	**13.5**	0.96	1.68	*C54*
Uterus unspecified							25	0.2	0.9	**0.3**	0.01	0.02	*C55*
Ovary							348	3.2	13.0	**7.9**	0.57	0.92	*C56*
Other female genital organs							29	0.3	1.1	**0.5**	0.02	0.06	*C57*
Placenta							2	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	56	0.4	2.2	**1.2**	0.06	0.13							*C60*
Prostate	2110	16.6	84.6	**44.0**	1.74	5.90							*C61*
Testis	152	1.2	6.1	**5.8**	0.41	0.41							*C62*
Other male genital organs	7	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	284	2.2	11.4	**7.1**	0.48	0.84	175	1.6	6.5	**3.7**	0.25	0.40	*C64*
Renal pelvis	38	0.3	1.5	**0.8**	0.06	0.09	13	0.1	0.5	**0.2**	0.01	0.03	*C65*
Ureter	23	0.2	0.9	**0.5**	0.03	0.07	6	0.1	0.2	**0.1**	0.00	0.01	*C66*
†Bladder	1783	14.0	71.5	**38.6**	1.90	4.86	345	3.2	12.9	**6.0**	0.34	0.67	*C67*
Other urinary organs	17	0.1	0.7	**0.3**	0.00	0.05	3	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	17	0.1	0.7	**0.6**	0.03	0.06	21	0.2	0.8	**0.7**	0.05	0.05	*C69*
Brain, nervous system	221	1.7	8.9	**6.4**	0.41	0.65	167	1.5	6.2	**3.8**	0.24	0.41	*C70-72*
Thyroid	210	1.7	8.4	**6.6**	0.52	0.65	873	8.1	32.6	**25.7**	2.08	2.48	*C73*
Adrenal gland	11	0.1	0.4	**0.5**	0.02	0.03	20	0.2	0.7	**0.9**	0.06	0.06	*C74*
Other endocrine	4	0.0	0.2	**0.2**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.01	*C75*
Hodgkin lymphoma	98	0.8	3.9	**3.7**	0.25	0.29	91	0.8	3.4	**3.5**	0.23	0.24	*C81*
Non-Hodgkin lymphoma	425	3.3	17.0	**10.9**	0.73	1.23	323	3.0	12.1	**7.0**	0.45	0.80	*C82-85,C96*
Immunoproliferative diseases	9	0.1	0.4	**0.2**	0.01	0.03	9	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	157	1.2	6.3	**3.5**	0.19	0.41	143	1.3	5.3	**2.6**	0.13	0.33	*C90*
Lymphoid leukaemia	272	2.1	10.9	**7.8**	0.46	0.80	170	1.6	6.3	**4.1**	0.23	0.41	*C91*
Myeloid leukaemia	170	1.3	6.8	**4.0**	0.20	0.44	121	1.1	4.5	**2.7**	0.17	0.27	*C92-94*
Leukaemia unspecified	7	0.1	0.3	**0.2**	0.01	0.01	10	0.1	0.4	**0.2**	0.02	0.03	*C95*
Myeloproliferative disorders	91	0.7	3.7	**2.2**	0.12	0.26	92	0.9	3.4	**2.0**	0.12	0.23	*MPD*
Myelodysplastic syndromes	51	0.4	2.0	**1.0**	0.04	0.13	31	0.3	1.2	**0.5**	0.02	0.06	*MDS*
Other and unspecified	324	2.5	13.0	**7.0**	0.30	0.70	319	2.9	11.9	**4.5**	0.19	0.39	*O&U*
All sites	15016		602.3	**341.2**	17.76	40.46	12475		465.6	**256.9**	16.77	28.42	*C00-96*
All sites except C44	12725	100.0	510.4	**291.8**	15.34	34.71	10822	100.0	403.9	**227.9**	15.15	25.19	*C00-96 exc. C44*

† See note following population pyramid

Italy, Catanzaro

REGISTRATION AREA
The Catanzaro Cancer Registry covers the province of Catanzaro in the Calabria region of Italy. The population is about 250 000 and is predominantly urban.

CANCER CARE FACILITIES
There are four oncology departments and two referral hospitals with radiotherapy facilities (both in the city of Catanzaro). There are various schemes of health insurance coverage.

REGISTRY STRUCTURE AND METHODS
The registry is located in and funded by a local health authority, which also employs the registry staff (a registry manager, two full-time staff members, and a pathologist advisor). The registry is currently the only one in Calabria accredited by the Italian network of cancer registries (AIRTUM). It was established in 2003 within the epidemiological service of the former Sanitary Agency no. 7 of Catanzaro. The Catanzaro Cancer Registry's data sources are hospital discharge cards, pathology reports, death certificates, clinical files, radiotherapy services, laboratories, oncology services, exemption records, social services records, screening centres, general practitioners and paediatricians, childhood cancer registrations, diagnostic imaging services, and municipal demographic and sanitary services. CanReg4 software was originally used to process the data, but was replaced by MCRDBLT software. Topography, morphology, and behaviour are coded using ICD-O-3. The registry follows the IARC/IACR and European Network of Cancer Registries (ENCR) rules for basis of diagnosis. For other definitions, the registry follows the AIRTUM *Cancer Registration Handbook*. Data are verified using the IARC-CHECK program. After being processed through four separate quality control procedures, data are verified a final time using CheckAIRTUM software.

INTERPRETING THE RESULTS
A national cancer control plan is mandated by law (Decreto Legge n. 179/2012). There have been no significant changes in incidence rates in recent years. The greatest challenges faced by the registry relate to the receipt of incomplete information from data sources and the high level of health mobility in the area.

USE OF THE DATA
Registry data are used for reporting incidence, extent of disease, and survival as well as for research and the planning and evaluation of health services.

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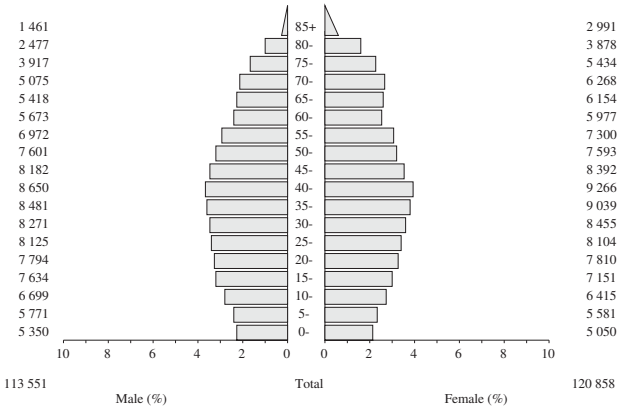
Italy, Catanzaro (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	44.6	Breast	62.3
Non-melanoma skin cancer	39.9	Non-melanoma skin cancer	24.1
Trachea, bronchus and lung	36.9	Colon	15.4
Bladder	30.9	Thyroid	13.4
Colon	21.1	Corpus uteri	12.5
Stomach	14.3	Non-Hodgkin lymphoma	9.0
Rectum	13.4	Ovary	7.9
Liver	12.4	Stomach	7.6
Non-Hodgkin lymphoma	10.1	Other and unspecified	7.3
Lymphoid leukaemia	8.4	Rectum	6.4
All sites	330.4	All sites	238.3

Italy, Catanzaro (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	9	0.3	1.6	**0.8**	0.03	0.11	2	0.1	0.3	**0.1**	0.00	0.00	*C00*
Tongue	18	0.6	3.2	**1.6**	0.10	0.18	8	0.3	1.3	**0.6**	0.04	0.07	*C01-02*
Mouth	15	0.5	2.6	**1.5**	0.07	0.24	11	0.5	1.8	**0.9**	0.05	0.10	*C03-06*
Salivary glands	6	0.2	1.1	**0.6**	0.02	0.06	2	0.1	0.3	**0.2**	0.01	0.03	*C07-08*
Tonsil	6	0.2	1.1	**0.7**	0.06	0.06	2	0.1	0.3	**0.3**	0.03	0.03	*C09*
Other oropharynx	2	0.1	0.4	**0.3**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	8	0.3	1.4	**1.0**	0.05	0.13	1	0.0	0.2	**0.1**	0.02	0.02	*C11*
Hypopharynx	12	0.4	2.1	**1.2**	0.09	0.17	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	20	0.7	3.5	**2.3**	0.21	0.29	5	0.2	0.8	**0.4**	0.02	0.05	*C15*
Stomach	168	5.5	29.6	**14.3**	0.62	1.54	102	4.4	16.9	**7.6**	0.47	0.87	*C16*
Small intestine	11	0.4	1.9	**1.2**	0.09	0.16	12	0.5	2.0	**0.9**	0.04	0.10	*C17*
Colon	257	8.4	45.3	**21.1**	0.88	2.50	207	8.9	34.3	**15.4**	0.90	1.80	*C18*
Rectum	137	4.5	24.1	**13.4**	0.74	1.77	84	3.6	13.9	**6.4**	0.41	0.79	*C19-20*
Anus	7	0.2	1.2	**0.5**	0.01	0.07	9	0.4	1.5	**0.7**	0.06	0.09	*C21*
Liver	129	4.2	22.7	**12.4**	0.68	1.52	54	2.3	8.9	**3.5**	0.11	0.40	*C22*
Gallbladder etc.	44	1.4	7.7	**4.2**	0.22	0.45	56	2.4	9.3	**4.0**	0.20	0.49	*C23-24*
Pancreas	49	1.6	8.6	**4.5**	0.26	0.53	43	1.8	7.1	**2.7**	0.10	0.33	*C25*
Nose, sinuses etc.	3	0.1	0.5	**0.2**	0.01	0.01	2	0.1	0.3	**0.2**	0.03	0.03	*C30-31*
Larynx	74	2.4	13.0	**7.6**	0.54	0.96	6	0.3	1.0	**0.4**	0.02	0.05	*C32*
Trachea, bronchus and lung	401	13.1	70.6	**36.9**	1.96	4.68	70	3.0	11.6	**5.8**	0.36	0.65	*C33-34*
Other thoracic organs	6	0.2	1.1	**0.6**	0.05	0.07	3	0.1	0.5	**0.3**	0.01	0.03	*C37-38*
Bone	6	0.2	1.1	**0.9**	0.07	0.09	3	0.1	0.5	**0.5**	0.03	0.03	*C40-41*
Melanoma of skin	46	1.5	8.1	**5.2**	0.38	0.68	46	2.0	7.6	**5.5**	0.42	0.53	*C43*
Other skin	425		74.9	**39.9**	2.21	4.75	328		54.3	**24.1**	1.30	2.84	*C44*
Mesothelioma	5	0.2	0.9	**0.5**	0.05	0.06	2	0.1	0.3	**0.2**	0.02	0.03	*C45*
Kaposi sarcoma	20	0.7	3.5	**1.7**	0.08	0.20	9	0.4	1.5	**0.5**	0.00	0.05	*C46*
Connective and soft tissue	25	0.8	4.4	**3.2**	0.22	0.29	14	0.6	2.3	**1.5**	0.12	0.13	*C47+C49*
Breast	5	0.2	0.9	**0.5**	0.01	0.09	623	26.7	103.1	**62.3**	4.76	6.91	*C50*
Vulva							22	0.9	3.6	**1.6**	0.09	0.18	*C51*
Vagina							8	0.3	1.3	**0.5**	0.03	0.06	*C52*
Cervix uteri							44	1.9	7.3	**4.7**	0.40	0.51	*C53*
Corpus uteri							132	5.7	21.8	**12.5**	0.93	1.59	*C54*
Uterus unspecified							10	0.4	1.7	**0.9**	0.06	0.09	*C55*
Ovary							79	3.4	13.1	**7.9**	0.66	0.87	*C56*
Other female genital organs							6	0.3	1.0	**0.3**	0.00	0.03	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	9	0.3	1.6	**0.9**	0.04	0.12							*C60*
Prostate	537	17.5	94.6	**44.6**	1.66	5.90							*C61*
Testis	31	1.0	5.5	**5.4**	0.38	0.38							*C62*
Other male genital organs	1	0.0	0.2	**0.1**	0.00	0.02							*C63*
Kidney	61	2.0	10.7	**6.2**	0.45	0.77	30	1.3	5.0	**3.0**	0.20	0.37	*C64*
Renal pelvis	13	0.4	2.3	**1.1**	0.06	0.12	1	0.0	0.2	**0.0**	0.00	0.00	*C65*
Ureter	4	0.1	0.7	**0.3**	0.00	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
†Bladder	350	11.4	61.6	**30.9**	1.56	3.67	62	2.7	10.3	**4.9**	0.33	0.57	*C67*
Other urinary organs	2	0.1	0.4	**0.2**	0.02	0.02	5	0.2	0.8	**0.3**	0.00	0.03	*C68*
Eye	5	0.2	0.9	**0.5**	0.04	0.04	4	0.2	0.7	**0.6**	0.04	0.04	*C69*
Brain, nervous system	64	2.1	11.3	**6.8**	0.43	0.74	44	1.9	7.3	**5.0**	0.31	0.51	*C70-72*
Thyroid	35	1.1	6.2	**5.0**	0.44	0.46	105	4.5	17.4	**13.4**	1.08	1.28	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.3	**0.4**	0.03	0.03	*C75*
Hodgkin lymphoma	26	0.8	4.6	**4.4**	0.31	0.35	17	0.7	2.8	**2.6**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	95	3.1	16.7	**10.1**	0.70	1.13	93	4.0	15.4	**9.0**	0.59	0.99	*C82-85,C96*
Immunoproliferative diseases	4	0.1	0.7	**0.3**	0.00	0.04	6	0.3	1.0	**0.5**	0.01	0.06	*C88*
Multiple myeloma	58	1.9	10.2	**5.1**	0.28	0.61	50	2.1	8.3	**4.2**	0.26	0.53	*C90*
Lymphoid leukaemia	56	1.8	9.9	**8.4**	0.58	0.77	35	1.5	5.8	**4.5**	0.24	0.34	*C91*
Myeloid leukaemia	49	1.6	8.6	**5.9**	0.36	0.51	34	1.5	5.6	**2.8**	0.16	0.27	*C92-94*
Leukaemia unspecified	5	0.2	0.9	**0.3**	0.00	0.00	6	0.3	1.0	**0.4**	0.01	0.06	*C95*
Myeloproliferative disorders	44	1.4	7.7	**4.4**	0.30	0.47	42	1.8	7.0	**4.0**	0.25	0.46	*MPD*
Myelodysplastic syndromes	41	1.3	7.2	**3.4**	0.15	0.38	25	1.1	4.1	**1.9**	0.09	0.22	*MDS*
Other and unspecified	84	2.7	14.8	**7.1**	0.35	0.68	98	4.2	16.2	**7.3**	0.37	0.61	*O&U*
All sites	3488		614.4	**330.4**	17.89	38.93	2664		440.8	**238.3**	15.81	26.37	*C00-96*
All sites except C44	3063	100.0	539.5	**290.5**	15.68	34.18	2336	100.0	386.6	**214.2**	14.51	23.52	*C00-96 exc. C44*

† See note following population pyramid

Italy, Como

REGISTRATION AREA

The Cancer Registry of Como Province (RT-Como) covers the province of Como, which accounts for about 5.3% of the geographical area of the Lombardy region of Italy and is divided into 162 municipalities. Economic activity is dominated by small and medium-sized businesses, many with a strong artisanal character. Manufacturing (textiles, metalworking, and woodworking) is also prominent. The population is fairly stable but ageing. In 2012, the population was 593 000, with 454 residents/km^2. Foreign residents accounted for about 8% of the population (45% from Europe, 29% from Africa, and 16% from Asia).

CANCER CARE FACILITIES

The province of Como has eight general hospitals, which provide all the main specialties of medical and surgical care, including oncology and radiotherapy. There are three pathology departments. About 36% of residents requiring cancer hospitalization are admitted to facilities outside the province.

REGISTRY STRUCTURE AND METHODS

RT-Como is located in the department of preventive medicine of the local health authority. It is staffed by an epidemiologist (who is also the registry director), two registry clerks, and a computer operator. RT-Como uses an automated cancer registration system called Open Registry, developed by the Milan National Cancer Institute. The registry's main electronic information sources are hospital discharge reports, pathology reports, and mortality data. About 50% of cases are automatically identified and accepted using Open Registry. For the remaining cases, clinical records are reviewed manually. Data completeness is monitored using capture–recapture methods. Clinical consistency is routinely checked.

INTERPRETING THE RESULTS

Organized screening was implemented for breast cancer (by biennial mammography) in 2004 and for colorectal cancer (by faecal immunochemical testing [FIT]) in 2006. Both programmes target residents aged 50–69 years. Opportunistic screening for cervical cancer is available. An artificial rise in the incidence of prostate and thyroid cancer may be due to inappropriate use of prostate-specific antigen (PSA) testing and ultrasound.

USE OF THE DATA

The registry publishes periodic reports on cancer incidence, mortality, and survival, and provides epidemiological support to clinicians. Registry data are also used for planning and evaluating health services and screening programmes.

CONTRIBUTORS

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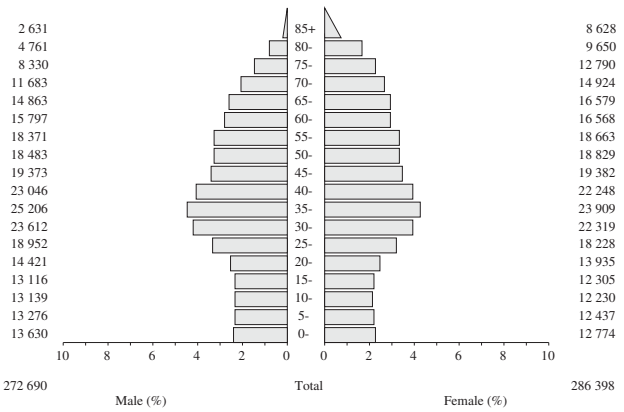
Italy, Como (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	73.5	Breast	93.0
Non-melanoma skin cancer	71.5	Non-melanoma skin cancer	47.5
Trachea, bronchus and lung	51.6	Colon	20.4
Colon	30.2	Corpus uteri	13.4
Bladder	24.0	Trachea, bronchus and lung	12.2
Stomach	17.6	Non-Hodgkin lymphoma	10.4
Liver	17.1	Melanoma of skin	9.7
Non-Hodgkin lymphoma	14.9	Thyroid	9.1
Kidney	13.6	Ovary	8.5
Rectum	12.7	Stomach	8.4
All sites	420.1	All sites	303.9

Italy, Como (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	20	0.2	1.5	**0.7**	0.01	0.08	5	0.1	0.3	**0.1**	0.00	0.01	*C00*
Tongue	43	0.5	3.2	**1.7**	0.13	0.17	20	0.3	1.4	**0.5**	0.02	0.05	*C01-02*
Mouth	41	0.5	3.0	**1.7**	0.10	0.20	21	0.3	1.5	**0.6**	0.03	0.06	*C03-06*
Salivary glands	10	0.1	0.7	**0.4**	0.02	0.04	15	0.2	1.0	**0.6**	0.06	0.07	*C07-08*
Tonsil	23	0.3	1.7	**0.9**	0.06	0.13	7	0.1	0.5	**0.3**	0.03	0.04	*C09*
Other oropharynx	34	0.4	2.5	**1.6**	0.11	0.19	14	0.2	1.0	**0.6**	0.06	0.06	*C10*
Nasopharynx	16	0.2	1.2	**0.8**	0.05	0.07	8	0.1	0.6	**0.4**	0.03	0.03	*C11*
Hypopharynx	41	0.5	3.0	**1.8**	0.15	0.24	9	0.1	0.6	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	1	0.0	0.1	**0.0**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	85	1.0	6.2	**3.3**	0.18	0.42	35	0.5	2.4	**0.9**	0.04	0.11	*C15*
Stomach	479	5.4	35.1	**17.6**	0.75	1.92	330	4.4	23.0	**8.4**	0.40	0.90	*C16*
Small intestine	31	0.3	2.3	**1.2**	0.07	0.14	23	0.3	1.6	**0.6**	0.02	0.06	*C17*
Colon	814	9.2	59.7	**30.2**	1.40	3.70	738	9.8	51.5	**20.4**	1.03	2.45	*C18*
Rectum	331	3.7	24.3	**12.7**	0.64	1.53	234	3.1	16.3	**6.7**	0.41	0.72	*C19-20*
Anus	19	0.2	1.4	**0.8**	0.05	0.08	29	0.4	2.0	**0.9**	0.05	0.10	*C21*
Liver	463	5.2	34.0	**17.1**	0.67	2.17	198	2.6	13.8	**4.7**	0.14	0.57	*C22*
Gallbladder etc.	98	1.1	7.2	**3.5**	0.12	0.43	123	1.6	8.6	**2.9**	0.10	0.36	*C23-24*
Pancreas	238	2.7	17.5	**9.0**	0.48	1.10	283	3.8	19.8	**6.6**	0.28	0.73	*C25*
Nose, sinuses etc.	11	0.1	0.8	**0.4**	0.03	0.05	5	0.1	0.3	**0.2**	0.02	0.02	*C30-31*
Larynx	158	1.8	11.6	**6.5**	0.42	0.81	19	0.3	1.3	**0.6**	0.03	0.07	*C32*
Trachea, bronchus and lung	1416	15.9	103.9	**51.6**	2.26	6.39	410	5.5	28.6	**12.2**	0.71	1.45	*C33-34*
Other thoracic organs	5	0.1	0.4	**0.2**	0.01	0.02	10	0.1	0.7	**0.4**	0.03	0.04	*C37-38*
Bone	16	0.2	1.2	**1.2**	0.07	0.09	10	0.1	0.7	**1.0**	0.06	0.07	*C40-41*
Melanoma of skin	214	2.4	15.7	**9.7**	0.64	1.09	221	2.9	15.4	**9.7**	0.72	1.00	*C43*
Other skin	1923		141.0	**71.5**	3.18	7.96	1563		109.1	**47.5**	2.86	5.20	*C44*
Mesothelioma	50	0.6	3.7	**1.7**	0.06	0.20	27	0.4	1.9	**0.8**	0.04	0.12	*C45*
Kaposi sarcoma	27	0.3	2.0	**1.0**	0.04	0.11	11	0.1	0.8	**0.2**	0.01	0.03	*C46*
Connective and soft tissue	38	0.4	2.8	**1.9**	0.14	0.19	37	0.5	2.6	**1.5**	0.10	0.14	*C47+C49*
Breast	22	0.2	1.6	**0.9**	0.04	0.11	2418	32.2	168.9	**93.0**	6.85	10.53	*C50*
Vulva							56	0.7	3.9	**1.2**	0.05	0.14	*C51*
Vagina							14	0.2	1.0	**0.5**	0.03	0.05	*C52*
Cervix uteri							128	1.7	8.9	**5.7**	0.43	0.60	*C53*
Corpus uteri							364	4.8	25.4	**13.4**	0.99	1.70	*C54*
Uterus unspecified							5	0.1	0.3	**0.1**	0.00	0.00	*C55*
Ovary							219	2.9	15.3	**8.5**	0.61	0.98	*C56*
Other female genital organs							12	0.2	0.8	**0.3**	0.02	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	9	0.1	0.7	**0.3**	0.02	0.04							*C60*
Prostate	1935	21.8	141.9	**73.5**	3.31	10.46							*C61*
Testis	97	1.1	7.1	**6.7**	0.48	0.48							*C62*
Other male genital organs	8	0.1	0.6	**0.3**	0.01	0.05							*C63*
Kidney	323	3.6	23.7	**13.6**	0.82	1.64	195	2.6	13.6	**5.6**	0.27	0.69	*C64*
Renal pelvis	23	0.3	1.7	**0.8**	0.02	0.11	14	0.2	1.0	**0.4**	0.03	0.06	*C65*
Ureter	18	0.2	1.3	**0.6**	0.03	0.07	7	0.1	0.5	**0.3**	0.02	0.04	*C66*
Bladder	637	7.2	46.7	**24.0**	1.14	2.93	152	2.0	10.6	**3.5**	0.13	0.39	*C67*
Other urinary organs	10	0.1	0.7	**0.4**	0.01	0.04	10	0.1	0.7	**0.2**	0.01	0.02	*C68*
Eye	6	0.1	0.4	**0.2**	0.01	0.04	9	0.1	0.6	**0.4**	0.03	0.03	*C69*
Brain, nervous system	126	1.4	9.2	**6.2**	0.41	0.67	131	1.7	9.1	**5.1**	0.27	0.55	*C70-72*
Thyroid	70	0.8	5.1	**3.6**	0.27	0.37	175	2.3	12.2	**9.1**	0.74	0.88	*C73*
Adrenal gland	3	0.0	0.2	**0.1**	0.01	0.02	9	0.1	0.6	**0.6**	0.03	0.05	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	60	0.7	4.4	**4.0**	0.28	0.31	39	0.5	2.7	**2.9**	0.20	0.21	*C81*
Non-Hodgkin lymphoma	339	3.8	24.9	**14.9**	0.88	1.60	293	3.9	20.5	**10.4**	0.65	1.20	*C82-85,C96*
Immunoproliferative diseases	4	0.0	0.3	**0.2**	0.01	0.01	2	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	94	1.1	6.9	**3.5**	0.17	0.40	91	1.2	6.4	**2.6**	0.14	0.32	*C90*
Lymphoid leukaemia	87	1.0	6.4	**4.5**	0.24	0.43	66	0.9	4.6	**3.7**	0.18	0.29	*C91*
Myeloid leukaemia	108	1.2	7.9	**4.8**	0.26	0.54	74	1.0	5.2	**2.8**	0.16	0.23	*C92-94*
Leukaemia unspecified	10	0.1	0.7	**0.4**	0.01	0.05	4	0.1	0.3	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	171	1.9	12.5	**5.9**	0.20	0.62	186	2.5	13.0	**3.8**	0.14	0.36	*O&U*
All sites	10805		792.5	**420.1**	20.46	50.51	9079		634.0	**303.9**	19.28	33.85	*C00-96*
All sites except C44	8882	100.0	651.4	**348.6**	17.28	42.54	7516	100.0	524.9	**256.4**	16.41	28.65	*C00-96 exc. C44*

Italy, Ferrara

REGISTRATION AREA

The Ferrara Province Cancer Registry covers the province of Ferrara, which is located in the Emilia-Romagna region of Italy, close to sea level. Ferrara is bordered to the east by the Adriatic Sea. In 2006, the employment rate (among residents aged 15–64 years) was 66.1% (60.5% in trades and services, 31.6% in industry, and 7.9% in agriculture). Mechanical and chemical industries, animal breeding, traffic, heating plants, and agricultural chemical treatments are the main sources of pollution. Since 2002, the population has increased, mainly due to immigration (particularly from eastern Europe, northern Africa, and Asia).

CANCER CARE FACILITIES

During the period covered, the province had three care districts with nine hospitals (with a total of 1842 beds in 2005). Clinical oncology, surgery, haematology, and radiotherapy services are available.

REGISTRY STRUCTURE AND METHODS

The registry is supported by the regional health authority and is located in the pathology department of the University of Ferrara. The staff consists of a director and three clerks. Data collection and quality control are performed according to IARC/IACR and European Network of Cancer Registries (ENCR) rules.

INTERPRETING THE RESULTS

Cigarette smoking and air pollution influence the traditionally high rates of lung cancer in Ferrara. Organized screening was implemented for cervical cancer in 1996 and for breast cancer in 1997. A colorectal cancer screening programme was started in 2005, which resulted in higher incidence rates of colorectal cancer. The incidence rates of prostate and thyroid cancers have also increased, mainly due to increased opportunistic screening.

USE OF THE DATA

In addition to providing descriptive epidemiological data, the registry is involved in evaluating the impact of screening programmes, by systematically registering premalignant lesions of the cervix (e.g. high-grade dysplasia and carcinoma in situ) and the colorectum (e.g. polyps, adenomas, and high-grade dysplasia). The registry also collaborates with the Italian network of cancer registries (AIRTUM) on studies of multiple tumours, rare tumours, haematological malignancies, and the prognostic and predictive power of biological assessment in breast cancer.

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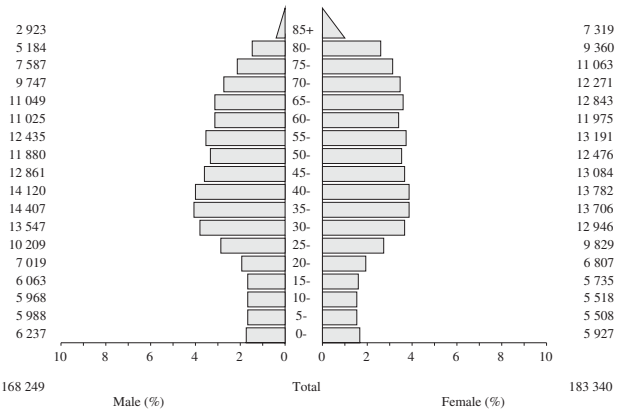
Italy, Ferrara (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Emilia-Romagna Regional Statistical Service (http://www.regione.emilia-romagna.it/wcm/statistica/pagine/statistica_self_service/pagine/pagine/ss_popolazione/ss_pop/dett/sexeta.htm).

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	88.0	Breast	98.2
Prostate	70.3	Non-melanoma skin cancer	52.9
Trachea, bronchus and lung	57.9	Thyroid	31.3
Bladder	39.8	Colon	24.4
Colon	39.8	Trachea, bronchus and lung	14.3
Rectum	18.9	Corpus uteri	14.1
Non-Hodgkin lymphoma	16.0	Rectum	9.5
Kidney	14.7	Non-Hodgkin lymphoma	9.1
Liver	13.7	Ovary	8.9
Stomach	13.6	Bladder	7.7
All sites	486.3	All sites	353.4

Italy, Ferrara (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	50	0.6	5.9	**1.9**	0.04	0.21	20	0.3	2.2	**0.5**	0.02	0.04	*C00*
Tongue	44	0.5	5.2	**2.7**	0.17	0.32	18	0.3	2.0	**1.0**	0.07	0.12	*C01-02*
Mouth	37	0.5	4.4	**2.2**	0.18	0.25	18	0.3	2.0	**0.8**	0.05	0.12	*C03-06*
Salivary glands	16	0.2	1.9	**0.8**	0.04	0.06	8	0.1	0.9	**0.2**	0.00	0.03	*C07-08*
Tonsil	33	0.4	3.9	**1.9**	0.12	0.24	14	0.2	1.5	**0.7**	0.05	0.10	*C09*
Other oropharynx	9	0.1	1.1	**0.5**	0.03	0.06	2	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	10	0.1	1.2	**1.0**	0.07	0.08	7	0.1	0.8	**0.4**	0.03	0.03	*C11*
Hypopharynx	20	0.2	2.4	**1.1**	0.07	0.12	2	0.0	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	2	0.0	0.2	**0.1**	0.02	0.02	1	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	58	0.7	6.9	**3.0**	0.17	0.40	25	0.4	2.7	**1.0**	0.06	0.12	*C15*
Stomach	308	3.8	36.6	**13.6**	0.66	1.49	244	3.7	26.6	**6.6**	0.31	0.63	*C16*
Small intestine	31	0.4	3.7	**1.6**	0.10	0.18	13	0.2	1.4	**0.3**	0.02	0.02	*C17*
Colon	882	10.8	104.8	**39.8**	1.87	4.68	704	10.5	76.8	**24.4**	1.28	2.80	*C18*
Rectum	387	4.7	46.0	**18.9**	1.00	2.32	252	3.8	27.5	**9.5**	0.62	1.03	*C19-20*
Anus	21	0.3	2.5	**0.9**	0.05	0.09	23	0.3	2.5	**0.7**	0.04	0.06	*C21*
Liver	296	3.6	35.2	**13.7**	0.64	1.65	174	2.6	19.0	**4.4**	0.14	0.46	*C22*
Gallbladder etc.	71	0.9	8.4	**2.9**	0.09	0.37	110	1.6	12.0	**3.2**	0.16	0.36	*C23-24*
Pancreas	190	2.3	22.6	**8.4**	0.38	0.93	218	3.3	23.8	**6.0**	0.23	0.64	*C25*
Nose, sinuses etc.	14	0.2	1.7	**0.6**	0.03	0.05	6	0.1	0.7	**0.2**	0.02	0.02	*C30-31*
Larynx	154	1.9	18.3	**7.7**	0.45	1.00	15	0.2	1.6	**0.6**	0.03	0.07	*C32*
Trachea, bronchus and lung	1343	16.5	159.6	**57.9**	2.48	7.00	405	6.1	44.2	**14.3**	0.81	1.70	*C33-34*
Other thoracic organs	17	0.2	2.0	**0.7**	0.02	0.06	10	0.1	1.1	**0.4**	0.03	0.05	*C37-38*
Bone	9	0.1	1.1	**1.6**	0.09	0.10	10	0.1	1.1	**0.6**	0.05	0.06	*C40-41*
Melanoma of skin	129	1.6	15.3	**7.9**	0.57	0.83	106	1.6	11.6	**6.9**	0.56	0.66	*C43*
Other skin	1956		232.5	**88.0**	4.23	9.51	1488		162.3	**52.9**	2.97	5.88	*C44*
Mesothelioma	42	0.5	5.0	**1.9**	0.09	0.26	9	0.1	1.0	**0.3**	0.02	0.02	*C45*
Kaposi sarcoma	20	0.2	2.4	**1.1**	0.07	0.13	10	0.1	1.1	**0.2**	0.00	0.03	*C46*
Connective and soft tissue	55	0.7	6.5	**3.9**	0.24	0.39	36	0.5	3.9	**2.0**	0.16	0.21	*C47+C49*
Breast	25	0.3	3.0	**1.0**	0.04	0.12	1848	27.7	201.6	**98.2**	7.61	11.12	*C50*
Vulva							42	0.6	4.6	**1.5**	0.07	0.14	*C51*
Vagina							11	0.2	1.2	**0.2**	0.00	0.02	*C52*
Cervix uteri							79	1.2	8.6	**4.9**	0.38	0.47	*C53*
Corpus uteri							296	4.4	32.3	**14.1**	0.98	1.73	*C54*
Uterus unspecified							8	0.1	0.9	**0.2**	0.01	0.02	*C55*
Ovary							192	2.9	20.9	**8.9**	0.62	0.97	*C56*
Other female genital organs							21	0.3	2.3	**0.8**	0.05	0.09	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	20	0.2	2.4	**1.0**	0.05	0.08							*C60*
Prostate	1539	18.9	182.9	**70.3**	3.17	9.49							*C61*
Testis	58	0.7	6.9	**7.1**	0.50	0.52							*C62*
Other male genital organs	3	0.0	0.4	**0.2**	0.02	0.02							*C63*
Kidney	276	3.4	32.8	**14.7**	0.88	1.78	170	2.5	18.5	**7.6**	0.51	0.83	*C64*
Renal pelvis	23	0.3	2.7	**0.9**	0.03	0.09	12	0.2	1.3	**0.4**	0.03	0.03	*C65*
Ureter	18	0.2	2.1	**0.8**	0.05	0.10	8	0.1	0.9	**0.2**	0.01	0.02	*C66*
†Bladder	890	10.9	105.8	**39.8**	1.96	4.60	228	3.4	24.9	**7.7**	0.33	0.91	*C67*
Other urinary organs	11	0.1	1.3	**0.5**	0.02	0.04	3	0.0	0.3	**0.1**	0.01	0.02	*C68*
Eye	7	0.1	0.8	**0.3**	0.02	0.03	12	0.2	1.3	**0.5**	0.05	0.06	*C69*
Brain, nervous system	103	1.3	12.2	**7.2**	0.47	0.72	88	1.3	9.6	**4.7**	0.32	0.51	*C70-72*
Thyroid	118	1.4	14.0	**9.6**	0.69	0.91	403	6.0	44.0	**31.3**	2.42	3.03	*C73*
Adrenal gland	5	0.1	0.6	**1.0**	0.05	0.05	3	0.0	0.3	**0.5**	0.03	0.03	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.2	**0.2**	0.02	0.02	*C75*
Hodgkin lymphoma	41	0.5	4.9	**4.9**	0.32	0.37	46	0.7	5.0	**6.5**	0.43	0.47	*C81*
Non-Hodgkin lymphoma	254	3.1	30.2	**16.0**	0.92	1.74	214	3.2	23.3	**9.1**	0.54	1.00	*C82-85,C96*
Immunoproliferative diseases	12	0.1	1.4	**0.4**	0.02	0.05	4	0.1	0.4	**0.1**	0.01	0.02	*C88*
Multiple myeloma	77	0.9	9.2	**3.4**	0.14	0.40	82	1.2	8.9	**2.6**	0.14	0.30	*C90*
Lymphoid leukaemia	82	1.0	9.7	**5.0**	0.21	0.43	65	1.0	7.1	**3.0**	0.17	0.25	*C91*
Myeloid leukaemia	58	0.7	6.9	**3.6**	0.22	0.37	62	0.9	6.8	**3.3**	0.19	0.30	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	4	0.1	0.4	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	60	0.7	7.1	**3.5**	0.25	0.38	38	0.6	4.1	**1.5**	0.09	0.15	*MPD*
Myelodysplastic syndromes	60	0.7	7.1	**2.2**	0.08	0.20	64	1.0	7.0	**1.6**	0.04	0.17	*MDS*
Other and unspecified	171	2.1	20.3	**6.8**	0.26	0.67	209	3.1	22.8	**4.9**	0.16	0.43	*O&U*
All sites	10115		1202.4	**486.3**	24.32	55.93	8162		890.4	**353.4**	22.94	38.37	*C00-96*
All sites except C44	8159	100.0	969.9	**398.3**	20.09	46.43	6674	100.0	728.1	**300.4**	19.97	32.49	*C00-96 exc. C44*

† See note following population pyramid

Italy, Florence and Prato

REGISTRATION AREA

The Tuscany Cancer Registry (RTT) covers the provinces of Florence and Prato in the Tuscany region of Italy.

REGISTRY STRUCTURE AND METHODS

The RTT is funded by the Tuscany Region Department of Health and is associated with the Unit of Clinical and Descriptive Epidemiology of the Centre for the Study and Prevention of Cancer (CSPO) in Florence. Registration began in 1985. The registry was instituted by regional law, and notification is mandated by administrative order. The regional health authority provides public and private hospital admission files, which are abstracted from precoded electronic information. Pathology data have been received electronically since 1998. All data have been converted to ICD-O-3. Information about each tumour, including personal identifiers and full clinical details, is coded and registered. Patient names and other personal and clinical data are stored in separate files and linked by an identification number. Death certificates are received from the Regional Mortality Registry. Mortality data are periodically checked against the registry's records to identify cases not otherwise notified. Data are periodically verified using IARC tools and software developed by the Italian network of cancer registries (AIRTUM).

INTERPRETING THE RESULTS

Screening has been in place since the late 1990s, with compliance rates of 69% for mammography, 47% for cervical screening, and 52% for colorectal screening. A cohort of about 15 000 men (aged 55–69 years) was included in the European Randomized Study of Screening for Prostate Cancer (ERSPC). Prostate-specific antigen (PSA) testing is common in Tuscany, and about 25% of resident men aged more than 50 years had undergone PSA testing in 2004–2005.

USE OF THE DATA

RTT data are available from http://rtrt.ispo.toscana.it/rtrt/index.html. Data are also sent to the Italian Cancer Registries database. The RTT routinely participates in clinical and analytical epidemiological studies, and is improving the collection of clinical data for the evaluation of diagnostic and clinical patterns. The RTT participates in projects on cancer incidence, prevalence, and survival, such as EUROCARE, CONCORD, the Automated Childhood Cancer Information System (ACCIS), and RARECARE.

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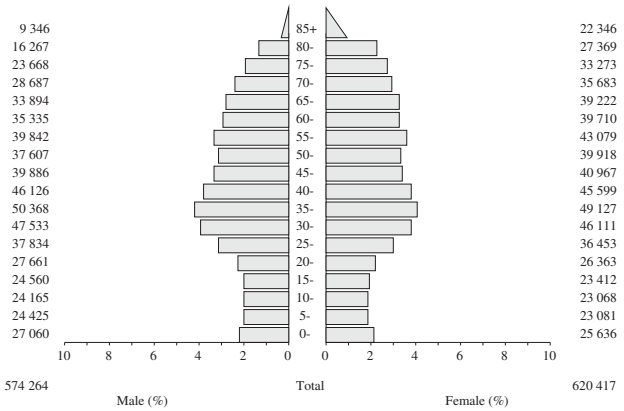
Italy, Florence and Prato (2003-2005)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	69.3	Breast	88.1
Prostate	52.9	Non-melanoma skin cancer	48.1
Trachea, bronchus and lung	48.7	Colon	19.8
Bladder	33.6	Corpus uteri	16.5
Colon	28.0	Trachea, bronchus and lung	14.8
Stomach	17.6	Thyroid	11.7
Kidney	15.6	Melanoma of skin	10.7
Rectum	14.9	Rectum	9.0
Non-Hodgkin lymphoma	13.1	Stomach	8.5
Melanoma of skin	11.0	Ovary	7.9
All sites	401.6	All sites	313.6

Italy, Florence and Prato (2003-2005)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	28	0.2	1.6	**0.6**	0.02	0.07	10	0.1	0.5	**0.2**	0.01	0.02	*C00*
Tongue	52	0.4	3.0	**1.7**	0.12	0.21	32	0.3	1.7	**0.7**	0.05	0.08	*C01-02*
Mouth	67	0.5	3.9	**2.0**	0.15	0.22	46	0.4	2.5	**1.0**	0.06	0.11	*C03-06*
Salivary glands	25	0.2	1.5	**0.9**	0.07	0.09	22	0.2	1.2	**0.6**	0.04	0.06	*C07-08*
Tonsil	26	0.2	1.5	**0.8**	0.05	0.09	11	0.1	0.6	**0.3**	0.01	0.04	*C09*
Other oropharynx	12	0.1	0.7	**0.4**	0.03	0.05	7	0.1	0.4	**0.3**	0.03	0.03	*C10*
Nasopharynx	31	0.2	1.8	**1.1**	0.08	0.12	5	0.0	0.3	**0.1**	0.01	0.01	*C11*
Hypopharynx	13	0.1	0.8	**0.3**	0.02	0.03	6	0.1	0.3	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	5	0.0	0.3	**0.2**	0.02	0.02	5	0.0	0.3	**0.1**	0.00	0.01	*C14*
Oesophagus	73	0.6	4.2	**1.9**	0.12	0.24	44	0.4	2.4	**0.8**	0.04	0.10	*C15*
Stomach	779	6.1	45.2	**17.6**	0.67	2.03	568	5.2	30.5	**8.5**	0.35	0.94	*C16*
Small intestine	33	0.3	1.9	**0.9**	0.06	0.12	26	0.2	1.4	**0.6**	0.04	0.08	*C17*
Colon	1166	9.2	67.7	**28.0**	1.32	3.27	1064	9.7	57.2	**19.8**	1.08	2.19	*C18*
Rectum	587	4.6	34.1	**14.9**	0.77	1.79	434	4.0	23.3	**9.0**	0.56	1.03	*C19-20*
Anus	42	0.3	2.4	**0.9**	0.04	0.10	46	0.4	2.5	**1.0**	0.06	0.12	*C21*
Liver	346	2.7	20.1	**8.8**	0.48	1.03	179	1.6	9.6	**2.8**	0.10	0.33	*C22*
Gallbladder etc.	135	1.1	7.8	**3.2**	0.14	0.36	133	1.2	7.1	**1.9**	0.08	0.20	*C23-24*
Pancreas	320	2.5	18.6	**7.9**	0.40	0.98	339	3.1	18.2	**5.5**	0.25	0.60	*C25*
Nose, sinuses etc.	29	0.2	1.7	**0.8**	0.06	0.08	15	0.1	0.8	**0.2**	0.01	0.03	*C30-31*
Larynx	265	2.1	15.4	**7.3**	0.44	0.91	32	0.3	1.7	**0.8**	0.05	0.11	*C32*
Trachea, bronchus and lung	1972	15.5	114.5	**48.7**	2.37	6.10	672	6.1	36.1	**14.8**	0.89	1.84	*C33-34*
Other thoracic organs	19	0.1	1.1	**0.5**	0.02	0.04	26	0.2	1.4	**0.8**	0.05	0.07	*C37-38*
Bone	19	0.1	1.1	**0.8**	0.05	0.07	22	0.2	1.2	**0.8**	0.07	0.08	*C40-41*
Melanoma of skin	328	2.6	19.0	**11.0**	0.81	1.18	316	2.9	17.0	**10.7**	0.78	1.08	*C43*
Other skin	2797		162.4	**69.3**	3.43	7.88	2173		116.7	**48.1**	3.02	5.24	*C44*
Mesothelioma	29	0.2	1.7	**0.8**	0.04	0.11	13	0.1	0.7	**0.3**	0.02	0.03	*C45*
Kaposi sarcoma	33	0.3	1.9	**1.0**	0.07	0.11	6	0.1	0.3	**0.2**	0.01	0.02	*C46*
Connective and soft tissue	75	0.6	4.4	**2.6**	0.14	0.22	58	0.5	3.1	**1.8**	0.13	0.19	*C47+C49*
Breast	31	0.2	1.8	**0.9**	0.05	0.11	3108	28.4	167.0	**88.1**	6.74	9.77	*C50*
Vulva							72	0.7	3.9	**1.1**	0.02	0.12	*C51*
Vagina							12	0.1	0.6	**0.1**	0.00	0.02	*C52*
Cervix uteri							188	1.7	10.1	**5.8**	0.44	0.56	*C53*
Corpus uteri							563	5.1	30.2	**16.5**	1.19	1.83	*C54*
Uterus unspecified							29	0.3	1.6	**0.4**	0.03	0.04	*C55*
Ovary							311	2.8	16.7	**7.9**	0.57	0.87	*C56*
Other female genital organs							19	0.2	1.0	**0.4**	0.02	0.06	*C57*
Placenta							2	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	28	0.2	1.6	**0.7**	0.05	0.09							*C60*
Prostate	2282	18.0	132.5	**52.9**	2.04	6.84							*C61*
Testis	100	0.8	5.8	**5.0**	0.38	0.39							*C62*
Other male genital organs	6	0.0	0.3	**0.3**	0.02	0.03							*C63*
Kidney	529	4.2	30.7	**15.6**	1.01	1.86	287	2.6	15.4	**6.7**	0.43	0.78	*C64*
Renal pelvis	27	0.2	1.6	**0.7**	0.04	0.09	8	0.1	0.4	**0.3**	0.02	0.03	*C65*
Ureter	27	0.2	1.6	**0.6**	0.03	0.07	10	0.1	0.5	**0.2**	0.01	0.03	*C66*
†Bladder	1334	10.5	77.4	**33.6**	1.65	4.08	330	3.0	17.7	**6.3**	0.33	0.73	*C67*
Other urinary organs	5	0.0	0.3	**0.1**	0.01	0.01	3	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	20	0.2	1.2	**0.9**	0.06	0.09	21	0.2	1.1	**0.7**	0.04	0.06	*C69*
Brain, nervous system	178	1.4	10.3	**6.7**	0.44	0.69	189	1.7	10.2	**5.8**	0.34	0.60	*C70-72*
Thyroid	113	0.9	6.6	**4.7**	0.33	0.47	310	2.8	16.7	**11.7**	0.93	1.16	*C73*
Adrenal gland	9	0.1	0.5	**0.2**	0.01	0.03	12	0.1	0.6	**0.6**	0.03	0.04	*C74*
Other endocrine	5	0.0	0.3	**0.4**	0.02	0.03	2	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	60	0.5	3.5	**2.7**	0.18	0.23	52	0.5	2.8	**2.9**	0.20	0.22	*C81*
Non-Hodgkin lymphoma	410	3.2	23.8	**13.1**	0.83	1.35	337	3.1	18.1	**7.9**	0.47	0.90	*C82-85,C96*
Immunoproliferative diseases	18	0.1	1.0	**0.4**	0.01	0.05	7	0.1	0.4	**0.1**	0.00	0.01	*C88*
Multiple myeloma	181	1.4	10.5	**4.4**	0.22	0.53	158	1.4	8.5	**2.9**	0.15	0.34	*C90*
Lymphoid leukaemia	98	0.8	5.7	**3.7**	0.18	0.31	91	0.8	4.9	**2.8**	0.12	0.22	*C91*
Myeloid leukaemia	104	0.8	6.0	**3.5**	0.20	0.31	91	0.8	4.9	**2.6**	0.16	0.25	*C92-94*
Leukaemia unspecified	29	0.2	1.7	**0.7**	0.03	0.07	29	0.3	1.6	**0.5**	0.02	0.05	*C95*
Myeloproliferative disorders	158	1.2	9.2	**4.7**	0.28	0.54	95	0.9	5.1	**2.2**	0.13	0.24	*MPD*
Myelodysplastic syndromes	145	1.1	8.4	**3.5**	0.12	0.30	179	1.6	9.6	**2.4**	0.08	0.21	*MDS*
Other and unspecified	286	2.3	16.6	**6.3**	0.27	0.65	308	2.8	16.5	**4.7**	0.22	0.44	*O&U*
All sites	15489		899.1	**401.6**	20.44	46.73	13133		705.6	**313.6**	20.51	34.27	*C00-96*
All sites except C44	12692	100.0	736.7	**332.3**	17.01	38.85	10960	100.0	588.8	**265.5**	17.49	29.03	*C00-96 exc. C44*

† See note following population pyramid

Italy, Friuli-Venezia Giulia

REGISTRATION AREA

The Friuli-Venezia Giulia Cancer Registry covers the Friuli-Venezia Giulia region of north-eastern Italy, which covers 7844 km^2. The population is 1.2 million, with 153.6 residents/km^2. The region is highly industrialized. It is bordered by the Adriatic Sea to the south, Slovenia to the east, and Austria to the east and north-east. About 80% of residents live in urban areas. The largest city, Trieste, has a population of 242 000.

CANCER CARE FACILITIES

There are three regional public hospitals, six local public hospitals, and four private clinics in the region. Cancer patients are treated at the National Cancer Institute in the city of Aviano and in the oncology and radiotherapy departments of the regional public hospitals.

REGISTRY STRUCTURE AND METHODS

Region-wide cancer registration began in 1995 as part of the North East Cancer Surveillance Network. Since 2006, incidence data have been collected separately due to modified administrative procedures. Automated registration techniques are used with electronic diagnosis records, hospital records, and population archives. Manual techniques are still used for analysis of some electronic records and ascertainment of prevalent cases, as well as for quality control. The registry uses the IARC/IACR rules (2004) for multiple primary tumours.

INTERPRETING THE RESULTS

The registry data for 2003–2007 show two noteworthy trends in respiratory cancers: a consistent decline among men (from 63.2 cases per 100 000 men in 2003 to 49.3 in 2007) and a slight increase among women (from 15.8 cases per 100 000 women in 2003 to 18.5 in 2007), due to diverging time trends in smoking. Prostate-specific antigen (PSA) testing has been widely used for early diagnosis of prostate cancer, which was by far the most frequently diagnosed cancer among men, with 86.4 cases per 100 000 men in 2007 (up from 69.3 in 2002).

USE OF THE DATA

The registry's main task is planning surveillance and preventive programmes. Registry data are also used to carry out population-based evaluation studies and analytical investigations of the causes of cancer (e.g. dietary habits).

CONTRIBUTORS

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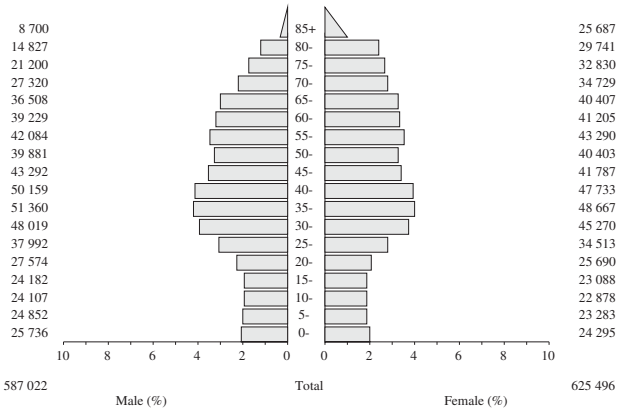
Italy, Friuli-Venezia Giulia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	86.4	Breast	98.7
Non-melanoma skin cancer	78.0	Non-melanoma skin cancer	61.0
Trachea, bronchus and lung	45.0	Colon	19.3
Colon	32.3	Trachea, bronchus and lung	14.7
Bladder	29.1	Corpus uteri	11.5
Stomach	16.2	Thyroid	11.4
Liver	16.1	Melanoma of skin	11.1
Kidney	13.7	Non-Hodgkin lymphoma	9.6
Rectum	13.6	Ovary	8.8
Non-Hodgkin lymphoma	13.4	Stomach	8.4
All sites	457.5	All sites	335.0

Italy, Friuli-Venezia Giulia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	72	0.3	2.5	**1.1**	0.05	0.12	19	0.1	0.6	**0.1**	0.00	0.01	*C00*
Tongue	170	0.7	5.8	**3.1**	0.23	0.38	82	0.4	2.6	**1.3**	0.10	0.15	*C01-02*
Mouth	209	0.9	7.1	**3.7**	0.26	0.44	94	0.5	3.0	**1.2**	0.08	0.14	*C03-06*
Salivary glands	52	0.2	1.8	**0.8**	0.05	0.10	36	0.2	1.2	**0.5**	0.03	0.05	*C07-08*
Tonsil	92	0.4	3.1	**1.6**	0.11	0.20	21	0.1	0.7	**0.3**	0.03	0.04	*C09*
Other oropharynx	40	0.2	1.4	**0.7**	0.05	0.09	7	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	46	0.2	1.6	**1.1**	0.10	0.11	18	0.1	0.6	**0.4**	0.03	0.04	*C11*
Hypopharynx	143	0.6	4.9	**2.7**	0.19	0.34	11	0.1	0.4	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	50	0.2	1.7	**0.9**	0.08	0.12	14	0.1	0.4	**0.2**	0.02	0.02	*C14*
Oesophagus	376	1.6	12.8	**6.1**	0.36	0.78	137	0.7	4.4	**1.7**	0.10	0.21	*C15*
Stomach	1139	4.7	38.8	**16.2**	0.67	1.91	887	4.5	28.4	**8.4**	0.38	0.94	*C16*
Small intestine	60	0.2	2.0	**1.0**	0.06	0.13	52	0.3	1.7	**0.6**	0.04	0.07	*C17*
Colon	2209	9.1	75.3	**32.3**	1.50	3.91	1833	9.2	58.6	**19.3**	0.99	2.24	*C18*
Rectum	906	3.7	30.9	**13.6**	0.70	1.68	653	3.3	20.9	**7.8**	0.49	0.89	*C19-20*
Anus	41	0.2	1.4	**0.6**	0.03	0.07	78	0.4	2.5	**0.8**	0.04	0.09	*C21*
Liver	1078	4.5	36.7	**16.1**	0.73	1.99	449	2.3	14.4	**4.0**	0.14	0.44	*C22*
Gallbladder etc.	202	0.8	6.9	**2.9**	0.13	0.30	318	1.6	10.2	**3.0**	0.13	0.34	*C23-24*
Pancreas	637	2.6	21.7	**9.6**	0.47	1.17	773	3.9	24.7	**7.5**	0.34	0.90	*C25*
Nose, sinuses etc.	49	0.2	1.7	**0.9**	0.06	0.10	25	0.1	0.8	**0.4**	0.03	0.05	*C30-31*
Larynx	541	2.2	18.4	**9.2**	0.61	1.15	82	0.4	2.6	**1.3**	0.09	0.16	*C32*
Trachea, bronchus and lung	3125	12.9	106.5	**45.0**	2.02	5.46	1302	6.6	41.6	**14.7**	0.80	1.84	*C33-34*
Other thoracic organs	20	0.1	0.7	**0.5**	0.03	0.04	11	0.1	0.4	**0.2**	0.01	0.02	*C37-38*
Bone	34	0.1	1.2	**0.9**	0.05	0.08	23	0.1	0.7	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	685	2.8	23.3	**12.9**	0.82	1.43	593	3.0	19.0	**11.1**	0.82	1.09	*C43*
Other skin	5095		173.6	**78.0**	3.89	9.12	4829		154.4	**61.0**	3.79	6.75	*C44*
Mesothelioma	234	1.0	8.0	**3.6**	0.18	0.47	49	0.2	1.6	**0.6**	0.03	0.08	*C45*
Kaposi sarcoma	30	0.1	1.0	**0.5**	0.02	0.06	8	0.0	0.3	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	136	0.6	4.6	**2.6**	0.16	0.26	102	0.5	3.3	**1.9**	0.13	0.18	*C47+C49*
Breast	66	0.3	2.2	**1.0**	0.06	0.12	6165	31.1	197.1	**98.7**	7.39	11.28	*C50*
Vulva							131	0.7	4.2	**1.1**	0.03	0.11	*C51*
Vagina							26	0.1	0.8	**0.3**	0.02	0.03	*C52*
Cervix uteri							314	1.6	10.0	**5.9**	0.46	0.61	*C53*
Corpus uteri							781	3.9	25.0	**11.5**	0.86	1.42	*C54*
Uterus unspecified							58	0.3	1.9	**0.7**	0.05	0.08	*C55*
Ovary							534	2.7	17.1	**8.8**	0.66	1.00	*C56*
Other female genital organs							119	0.6	3.8	**1.2**	0.06	0.13	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	51	0.2	1.7	**0.8**	0.05	0.09							*C60*
Prostate	5785	23.9	197.1	**86.4**	3.89	11.80							*C61*
Testis	189	0.8	6.4	**6.2**	0.45	0.46							*C62*
Other male genital organs	8	0.0	0.3	**0.1**	0.01	0.01							*C63*
Kidney	818	3.4	27.9	**13.7**	0.79	1.69	476	2.4	15.2	**6.4**	0.40	0.74	*C64*
Renal pelvis	28	0.1	1.0	**0.4**	0.02	0.06	17	0.1	0.5	**0.2**	0.01	0.02	*C65*
Ureter	37	0.2	1.3	**0.5**	0.01	0.05	21	0.1	0.7	**0.2**	0.00	0.02	*C66*
†Bladder	2036	8.4	69.4	**29.1**	1.25	3.39	594	3.0	19.0	**6.3**	0.33	0.72	*C67*
Other urinary organs	122	0.5	4.2	**1.7**	0.08	0.17	66	0.3	2.1	**0.5**	0.02	0.04	*C68*
Eye	18	0.1	0.6	**0.5**	0.02	0.04	20	0.1	0.6	**0.3**	0.02	0.03	*C69*
Brain, nervous system	328	1.4	11.2	**7.0**	0.48	0.74	268	1.4	8.6	**4.4**	0.25	0.45	*C70-72*
Thyroid	172	0.7	5.9	**3.8**	0.29	0.40	502	2.5	16.1	**11.4**	0.90	1.11	*C73*
Adrenal gland	19	0.1	0.6	**0.4**	0.02	0.04	15	0.1	0.5	**0.7**	0.03	0.04	*C74*
Other endocrine	7	0.0	0.2	**0.2**	0.01	0.01	3	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	111	0.5	3.8	**3.9**	0.25	0.29	89	0.4	2.8	**2.6**	0.17	0.20	*C81*
Non-Hodgkin lymphoma	740	3.1	25.2	**13.4**	0.77	1.49	691	3.5	22.1	**9.6**	0.57	1.00	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	252	1.0	8.6	**3.8**	0.15	0.48	259	1.3	8.3	**2.9**	0.15	0.34	*C90*
Lymphoid leukaemia	199	0.8	6.8	**4.4**	0.21	0.39	139	0.7	4.4	**3.4**	0.16	0.23	*C91*
Myeloid leukaemia	247	1.0	8.4	**4.1**	0.21	0.46	221	1.1	7.1	**2.9**	0.17	0.29	*C92-94*
Leukaemia unspecified	6	0.0	0.2	**0.1**	0.00	0.00	7	0.0	0.2	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	584	2.4	19.9	**8.1**	0.31	0.90	645	3.3	20.6	**5.6**	0.24	0.56	*O&U*
All sites	29294		998.1	**457.5**	22.92	55.07	24667		788.7	**335.0**	21.65	37.34	*C00-96*
All sites except C44	24199	100.0	824.5	**379.5**	19.03	45.95	19838	100.0	634.3	**274.0**	17.86	30.59	*C00-96 exc. C44*

† See note following population pyramid

Italy, Genoa

REGISTRATION AREA

The Liguria Region Cancer Registry (LRCR) covers the province of Genoa in the Liguria region of north-western Italy. In 2009, the population was 883 000, with about 70% of residents living in the urban area of Genoa and 26.9% aged more than 65 years.

CANCER CARE FACILITIES

Most of the province's cancer care facilities are located in the city of Genoa. They consist of a comprehensive cancer centre, the National Cancer Research Institute (NCRI), and 16 public and four private hospitals with diagnostic, surgical, pathology, radiotherapy, and oncology units.

REGISTRY STRUCTURE AND METHODS

The LRCR is owned by the Liguria Region Health Councillorship and located within the descriptive epidemiology unit of the NCRI, which is also in charge of the Liguria Region Mortality Register (LRMR). The LRCR actively collects cases from the NCRI, 13 general hospitals, a teaching hospital, and five pathology laboratories. The registry also collects data on residents of the province of Genoa from hospitals in other provinces. The LRCR is staffed by eight full-time researchers, two coders, two employees who manage the pathology records and the computerized hospital discharge records provided by the Ligurian Health Informative System (including performing quality control and statistical analyses), three case registrars, and a clerk who performs follow-up on vital status. The staff is supported by a researcher from the LRMR, who helps identify death certificates associated with registered cases. Official mortality data are also provided by the Italian National Institute of Statistics (ISTAT).

INTERPRETING THE RESULTS

An organized mammography screening programme began in 2002. About 79 000 women aged 50–69 years were invited to have biennial two-view mammography. By the end of 2007, 50% of these women had undergone at least one mammogram.

USE OF THE DATA

The registry reports incidence and survival and participates in national and international high-resolution studies on quality of diagnosis and treatment.

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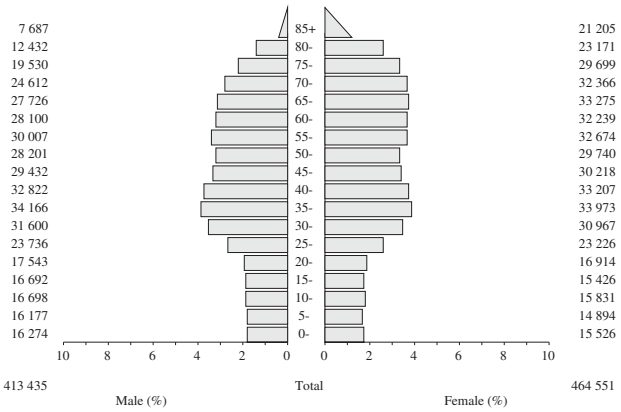
Italy, Genoa (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	68.5	Breast	92.3
Non-melanoma skin cancer	68.4	Non-melanoma skin cancer	49.7
Trachea, bronchus and lung	53.7	Colon	19.8
Bladder	38.2	Trachea, bronchus and lung	14.3
Colon	30.2	Corpus uteri	14.3
Rectum	15.1	Thyroid	11.8
Non-Hodgkin lymphoma	13.8	Non-Hodgkin lymphoma	10.3
Liver	11.9	Melanoma of skin	10.2
Kidney	11.4	Ovary	9.2
Melanoma of skin	11.4	Rectum	7.9
All sites	436.7	All sites	320.7

Italy, Genoa (2003-2006)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	12	0.1	0.7	**0.3**	0.02	0.03	7	0.1	0.4	**0.0**	0.00	0.00	*C00*
Tongue	88	0.6	5.3	**2.6**	0.16	0.31	49	0.4	2.6	**0.9**	0.06	0.11	*C01-02*
Mouth	74	0.5	4.5	**2.0**	0.14	0.23	54	0.4	2.9	**1.1**	0.08	0.12	*C03-06*
Salivary glands	30	0.2	1.8	**0.7**	0.03	0.08	27	0.2	1.5	**0.4**	0.02	0.03	*C07-08*
Tonsil	32	0.2	1.9	**1.0**	0.07	0.12	9	0.1	0.5	**0.2**	0.02	0.02	*C09*
Other oropharynx	14	0.1	0.8	**0.4**	0.02	0.07	9	0.1	0.5	**0.3**	0.02	0.03	*C10*
Nasopharynx	23	0.2	1.4	**0.8**	0.06	0.08	9	0.1	0.5	**0.4**	0.04	0.04	*C11*
Hypopharynx	39	0.3	2.4	**1.1**	0.08	0.14	5	0.0	0.3	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	12	0.1	0.7	**0.3**	0.03	0.03	4	0.0	0.2	**0.0**	0.00	0.00	*C14*
Oesophagus	142	0.9	8.6	**3.3**	0.16	0.42	50	0.4	2.7	**0.6**	0.03	0.06	*C15*
Stomach	497	3.3	30.1	**11.1**	0.48	1.32	383	3.0	20.6	**5.2**	0.20	0.53	*C16*
Small intestine	39	0.3	2.4	**1.0**	0.05	0.12	41	0.3	2.2	**0.8**	0.06	0.10	*C17*
Colon	1375	9.1	83.1	**30.2**	1.34	3.69	1264	9.8	68.0	**19.8**	0.99	2.29	*C18*
Rectum	636	4.2	38.5	**15.1**	0.76	1.91	494	3.8	26.6	**7.9**	0.45	0.93	*C19-20*
Anus	44	0.3	2.7	**1.3**	0.09	0.14	72	0.6	3.9	**1.4**	0.08	0.15	*C21*
Liver	489	3.2	29.6	**11.9**	0.63	1.39	288	2.2	15.5	**3.9**	0.14	0.44	*C22*
Gallbladder etc.	141	0.9	8.5	**3.0**	0.13	0.35	218	1.7	11.7	**2.7**	0.09	0.29	*C23-24*
Pancreas	362	2.4	21.9	**8.4**	0.45	0.99	420	3.3	22.6	**5.9**	0.25	0.64	*C25*
Nose, sinuses etc.	25	0.2	1.5	**0.6**	0.03	0.08	16	0.1	0.9	**0.3**	0.02	0.03	*C30-31*
Larynx	311	2.1	18.8	**7.9**	0.48	0.98	49	0.4	2.6	**1.0**	0.07	0.12	*C32*
Trachea, bronchus and lung	2415	15.9	146.0	**53.7**	2.47	6.66	813	6.3	43.8	**14.3**	0.81	1.71	*C33-34*
Other thoracic organs	75	0.5	4.5	**1.5**	0.05	0.14	32	0.2	1.7	**0.4**	0.02	0.04	*C37-38*
Bone	15	0.1	0.9	**1.0**	0.06	0.08	25	0.2	1.3	**1.3**	0.08	0.10	*C40-41*
Melanoma of skin	347	2.3	21.0	**11.4**	0.84	1.25	320	2.5	17.2	**10.2**	0.77	1.02	*C43*
Other skin	2913		176.1	**68.4**	3.38	7.92	2511		135.1	**49.7**	3.02	5.55	*C44*
Mesothelioma	249	1.6	15.1	**5.6**	0.27	0.69	64	0.5	3.4	**1.0**	0.06	0.13	*C45*
Kaposi sarcoma	50	0.3	3.0	**1.4**	0.09	0.13	22	0.2	1.2	**0.4**	0.02	0.05	*C46*
Connective and soft tissue	82	0.5	5.0	**2.6**	0.14	0.26	62	0.5	3.3	**1.4**	0.08	0.16	*C47+C49*
Breast	26	0.2	1.6	**0.6**	0.04	0.07	3714	28.8	199.9	**92.3**	6.84	10.27	*C50*
Vulva							101	0.8	5.4	**1.7**	0.09	0.17	*C51*
Vagina							18	0.1	1.0	**0.2**	0.01	0.03	*C52*
Cervix uteri							218	1.7	11.7	**6.9**	0.54	0.69	*C53*
Corpus uteri							605	4.7	32.6	**14.3**	1.05	1.83	*C54*
Uterus unspecified							18	0.1	1.0	**0.2**	0.01	0.02	*C55*
Ovary							411	3.2	22.1	**9.2**	0.62	1.04	*C56*
Other female genital organs							39	0.3	2.1	**0.8**	0.06	0.10	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	23	0.2	1.4	**0.5**	0.03	0.05							*C60*
Prostate	3057	20.2	184.9	**68.5**	2.88	9.33							*C61*
Testis	101	0.7	6.1	**6.3**	0.46	0.47							*C62*
Other male genital organs	5	0.0	0.3	**0.1**	0.01	0.01							*C63*
Kidney	440	2.9	26.6	**11.4**	0.68	1.34	251	1.9	13.5	**5.4**	0.35	0.64	*C64*
Renal pelvis	37	0.2	2.2	**0.8**	0.03	0.09	19	0.1	1.0	**0.3**	0.01	0.05	*C65*
Ureter	25	0.2	1.5	**0.5**	0.02	0.05	12	0.1	0.6	**0.2**	0.01	0.03	*C66*
†Bladder	1677	11.1	101.4	**38.2**	1.78	4.59	440	3.4	23.7	**7.4**	0.36	0.89	*C67*
Other urinary organs	36	0.2	2.2	**0.7**	0.03	0.10	11	0.1	0.6	**0.2**	0.01	0.02	*C68*
Eye	27	0.2	1.6	**1.0**	0.05	0.09	23	0.2	1.2	**1.1**	0.07	0.08	*C69*
Brain, nervous system	195	1.3	11.8	**6.6**	0.41	0.68	151	1.2	8.1	**3.2**	0.20	0.34	*C70-72*
Thyroid	119	0.8	7.2	**4.2**	0.32	0.44	347	2.7	18.7	**11.8**	0.92	1.20	*C73*
Adrenal gland	7	0.0	0.4	**0.5**	0.02	0.03	3	0.0	0.2	**0.1**	0.00	0.01	*C74*
Other endocrine	5	0.0	0.3	**0.2**	0.01	0.02	3	0.0	0.2	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	89	0.6	5.4	**4.6**	0.31	0.39	80	0.6	4.3	**4.8**	0.32	0.35	*C81*
Non-Hodgkin lymphoma	500	3.3	30.2	**13.8**	0.85	1.53	474	3.7	25.5	**10.3**	0.61	1.18	*C82-85,C96*
Immunoproliferative diseases	4	0.0	0.2	**0.1**	0.00	0.01	4	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	188	1.2	11.4	**4.1**	0.19	0.47	207	1.6	11.1	**3.0**	0.13	0.35	*C90*
Lymphoid leukaemia	186	1.2	11.2	**6.3**	0.31	0.57	135	1.0	7.3	**3.1**	0.15	0.28	*C91*
Myeloid leukaemia	170	1.1	10.3	**4.9**	0.25	0.46	145	1.1	7.8	**2.7**	0.15	0.32	*C92-94*
Leukaemia unspecified	19	0.1	1.1	**0.4**	0.01	0.03	25	0.2	1.3	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	147	1.0	8.9	**4.0**	0.25	0.48	115	0.9	6.2	**2.6**	0.16	0.25	*MPD*
Myelodysplastic syndromes	144	1.0	8.7	**2.7**	0.09	0.24	132	1.0	7.1	**2.2**	0.11	0.22	*MDS*
Other and unspecified	309	2.0	18.7	**6.8**	0.28	0.65	368	2.9	19.8	**4.6**	0.18	0.43	*O&U*
All sites	18067		1092.5	**436.7**	21.80	51.79	15386		828.0	**320.7**	20.46	35.54	*C00-96*
All sites except C44	15154	100.0	916.3	**368.3**	18.42	43.87	12875	100.0	692.9	**271.0**	17.44	30.00	*C00-96 exc. C44*

† See note following population pyramid

Italy, Latina

REGISTRATION AREA

The Latina Province Cancer Registry is the only population-based cancer registry in the Lazio region of central Italy. The registry has covered the entire population of the province of Latina since it was instituted in 1983. At the 2011 census, the population of the province of Latina was 555 700 (272 400 males and 283 300 females). The province has an area of 2251 km^2 and is divided into 33 municipalities.

CANCER CARE FACILITIES

There are two referral hospitals in south-central Latina and a regional oncology centre in the north of the province. A radiotherapy facility serves the entire province. Public health insurance coverage is provided by the national health service.

REGISTRY STRUCTURE AND METHODS

Pathology laboratories are the most important data sources, but also the most difficult sources from which to collect cases, due to the large number of hospitalizations in other provinces of Lazio (45%) and outside of Lazio (2%). The registry has access to hospital discharge records for all residents. Through the mortality registry (ReNCaM), the Latina Province Cancer Registry also has access to all cancer-related death certificates for residents, including a copy of the original certificate. The registry collects clinical records from all the major hospitals in Latina and Rome, particularly from the oncology, haematology, and radiotherapy divisions. Data from the outpatient care/drug consumption information system are available starting from 2006.

INTERPRETING THE RESULTS

Changes were observed mainly in relation to the initiation of organized screening for cervical cancer in 2002 and for breast cancer in 2004, and in relation to changes in the use of prostate-specific antigen (PSA) testing in 2000.

USE OF THE DATA

The registry published a report on incidence and survival for the period 2004–2008. Registry data are also used for research and for planning and evaluation of health services

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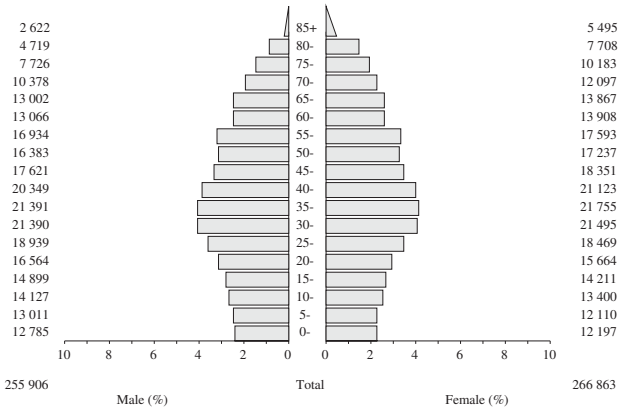
Italy, Latina (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the 2001 census, municipal population registries, and health office records, making allowances for births and deaths (but not migration).

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	51.1	Breast	71.5
Prostate	44.5	Thyroid	31.8
Bladder	32.3	Colon	14.8
Colon	22.1	Melanoma of skin	11.0
Non-melanoma skin cancer	18.1	Corpus uteri	10.6
Stomach	13.5	Trachea, bronchus and lung	10.2
Rectum	13.0	Non-melanoma skin cancer	8.5
Non-Hodgkin lymphoma	11.9	Non-Hodgkin lymphoma	8.2
Melanoma of skin	10.2	Ovary	7.7
Thyroid	9.8	Rectum	7.6
All sites	316.9	All sites	253.8

Italy, Latina (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	33	0.5	2.6	**1.3**	0.04	0.17	8	0.1	0.6	**0.2**	0.00	0.02	*C00*
Tongue	28	0.4	2.2	**1.2**	0.06	0.18	10	0.2	0.7	**0.4**	0.02	0.03	*C01-02*
Mouth	38	0.6	3.0	**1.8**	0.12	0.22	19	0.3	1.4	**0.8**	0.06	0.08	*C03-06*
Salivary glands	15	0.2	1.2	**0.6**	0.03	0.08	20	0.4	1.5	**0.9**	0.05	0.08	*C07-08*
Tonsil	15	0.2	1.2	**0.8**	0.08	0.11	2	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	10	0.1	0.8	**0.5**	0.04	0.05	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	15	0.2	1.2	**0.7**	0.05	0.08	5	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	9	0.1	0.7	**0.4**	0.04	0.05	2	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	2	0.0	0.2	**0.1**	0.00	0.01	1	0.0	0.1	**0.0**	0.01	0.01	*C14*
Oesophagus	44	0.7	3.4	**2.1**	0.13	0.23	20	0.4	1.5	**0.7**	0.04	0.05	*C15*
Stomach	321	4.7	25.1	**13.5**	0.70	1.61	222	3.9	16.6	**7.5**	0.39	0.83	*C16*
Small intestine	15	0.2	1.2	**0.7**	0.03	0.09	13	0.2	1.0	**0.4**	0.02	0.05	*C17*
Colon	525	7.8	41.0	**22.1**	1.10	2.65	422	7.5	31.6	**14.8**	0.83	1.78	*C18*
Rectum	321	4.7	25.1	**13.0**	0.53	1.64	209	3.7	15.7	**7.6**	0.50	0.88	*C19-20*
Anus	20	0.3	1.6	**0.7**	0.04	0.06	37	0.7	2.8	**1.3**	0.09	0.16	*C21*
Liver	180	2.7	14.1	**7.7**	0.45	0.92	97	1.7	7.3	**3.0**	0.07	0.37	*C22*
Gallbladder etc.	79	1.2	6.2	**3.1**	0.14	0.38	75	1.3	5.6	**2.5**	0.11	0.30	*C23-24*
Pancreas	138	2.0	10.8	**6.0**	0.31	0.77	132	2.3	9.9	**4.4**	0.22	0.49	*C25*
Nose, sinuses etc.	9	0.1	0.7	**0.4**	0.01	0.05	9	0.2	0.7	**0.4**	0.03	0.04	*C30-31*
Larynx	142	2.1	11.1	**6.1**	0.41	0.71	19	0.3	1.4	**0.9**	0.07	0.10	*C32*
Trachea, bronchus and lung	1216	18.0	95.0	**51.1**	2.47	6.70	263	4.7	19.7	**10.2**	0.66	1.20	*C33-34*
Other thoracic organs	25	0.4	2.0	**1.2**	0.10	0.11	14	0.2	1.0	**0.7**	0.05	0.07	*C37-38*
Bone	16	0.2	1.3	**1.4**	0.08	0.10	10	0.2	0.7	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	196	2.9	15.3	**10.2**	0.74	1.05	202	3.6	15.1	**11.0**	0.82	1.01	*C43*
Other skin	465		36.3	**18.1**	0.67	2.00	263		19.7	**8.5**	0.45	0.92	*C44*
Mesothelioma	18	0.3	1.4	**0.7**	0.04	0.08	3	0.1	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	7	0.1	0.5	**0.3**	0.02	0.04	3	0.1	0.2	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	38	0.6	3.0	**2.0**	0.14	0.20	24	0.4	1.8	**1.3**	0.07	0.12	*C47+C49*
Breast	19	0.3	1.5	**0.9**	0.05	0.11	1551	27.5	116.2	**71.5**	5.55	8.03	*C50*
Vulva							44	0.8	3.3	**1.4**	0.07	0.13	*C51*
Vagina							4	0.1	0.3	**0.1**	0.01	0.01	*C52*
Cervix uteri							107	1.9	8.0	**5.2**	0.41	0.53	*C53*
Corpus uteri							247	4.4	18.5	**10.6**	0.83	1.26	*C54*
Uterus unspecified							16	0.3	1.2	**0.5**	0.03	0.06	*C55*
Ovary							179	3.2	13.4	**7.7**	0.52	0.86	*C56*
Other female genital organs							16	0.3	1.2	**0.5**	0.03	0.07	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	30	0.4	2.3	**1.3**	0.09	0.16							*C60*
Prostate	1121	16.6	87.6	**44.5**	1.59	5.96							*C61*
Testis	77	1.1	6.0	**5.1**	0.37	0.39							*C62*
Other male genital organs	1	0.0	0.1	**0.0**	0.00	0.00							*C63*
Kidney	165	2.4	12.9	**7.7**	0.46	0.91	99	1.8	7.4	**4.1**	0.24	0.45	*C64*
Renal pelvis	16	0.2	1.3	**0.6**	0.01	0.09	7	0.1	0.5	**0.3**	0.02	0.04	*C65*
Ureter	12	0.2	0.9	**0.5**	0.02	0.04	3	0.1	0.2	**0.1**	0.01	0.01	*C66*
†Bladder	784	11.6	61.3	**32.3**	1.60	3.77	149	2.6	11.2	**5.1**	0.26	0.61	*C67*
Other urinary organs	4	0.1	0.3	**0.1**	0.00	0.01	3	0.1	0.2	**0.1**	0.00	0.00	*C68*
Eye	16	0.2	1.3	**1.1**	0.07	0.10	10	0.2	0.7	**0.3**	0.02	0.02	*C69*
Brain, nervous system	134	2.0	10.5	**7.3**	0.46	0.75	89	1.6	6.7	**4.4**	0.26	0.47	*C70-72*
Thyroid	170	2.5	13.3	**9.8**	0.78	0.97	549	9.7	41.1	**31.8**	2.58	3.06	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C74*
Other endocrine	2	0.0	0.2	**0.3**	0.01	0.01	2	0.0	0.1	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	63	0.9	4.9	**4.7**	0.33	0.37	36	0.6	2.7	**2.9**	0.20	0.21	*C81*
Non-Hodgkin lymphoma	226	3.3	17.7	**11.9**	0.73	1.38	194	3.4	14.5	**8.2**	0.49	0.97	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.1	**0.1**	0.00	0.02	*C88*
Multiple myeloma	75	1.1	5.9	**3.2**	0.17	0.43	92	1.6	6.9	**3.4**	0.19	0.45	*C90*
Lymphoid leukaemia	68	1.0	5.3	**3.7**	0.17	0.38	69	1.2	5.2	**4.3**	0.21	0.35	*C91*
Myeloid leukaemia	90	1.3	7.0	**4.6**	0.25	0.49	88	1.6	6.6	**3.9**	0.23	0.44	*C92-94*
Leukaemia unspecified	3	0.0	0.2	**0.2**	0.01	0.01	5	0.1	0.4	**0.3**	0.01	0.01	*C95*
Myeloproliferative disorders	52	0.8	4.1	**2.3**	0.13	0.27	72	1.3	5.4	**2.9**	0.17	0.33	*MPD*
Myelodysplastic syndromes	33	0.5	2.6	**1.4**	0.06	0.16	26	0.5	1.9	**0.8**	0.03	0.10	*MDS*
Other and unspecified	130	1.9	10.2	**5.3**	0.22	0.62	143	2.5	10.7	**4.2**	0.16	0.44	*O&U*
All sites	7231		565.1	**316.9**	16.11	37.71	5909		442.8	**253.8**	17.17	27.67	*C00-96*
All sites except C44	6766	100.0	528.8	**298.8**	15.45	35.71	5646	100.0	423.1	**245.3**	16.72	26.75	*C00-96 exc. C44*

† See note following population pyramid

Italy, Lecco

REGISTRATION AREA

The Cancer Registry of Lecco Province covers the province of Lecco, which is located in the Lombardy region of northern Italy. The province has a population of 340 000 (after recently increasing by 9.1% over 10 years), an area of 814 km^2, and a population density of 416.8 residents/km^2. It is subdivided into 90 municipalities, only six of which have more than 10 000 residents. The provincial capital is the city of Lecco, which has a population of 48 000. The northern part of the province is mountainous and includes part of Lake Como. The southern part is more densely populated, with many small and medium-sized manufacturing companies (26% in metalworking) and heavy road traffic. The population is mainly Italian, with 5.7% foreign residents. The birth rate is 10.22 births per 1000 residents, the mortality rate is 8.57 deaths per 1000 residents, and the elderly index (the ratio of the population aged more than 64 years to the population aged less than 15 years, multiplied by 100) is 136.79. The average life expectancy at birth is 79.4 years for males and 84.2 years for females.

CANCER CARE FACILITIES

Three public hospitals and a network of primary health centres provide general health care in the province. Two hospitals provide cancer surgery, thoracic surgery, neurosurgery, haematology, radiotherapy, and chemotherapy. There are three accredited private hospitals. An integrated home care system was established in 1992.

REGISTRY STRUCTURE AND METHODS

The registry is part of the Research and Health Development Service in the Preventive Community and Medicine Department of the Lecco Local Health Authority. It is staffed part-time by two physicians and full-time by a nurse, and receives technical and scientific support from the Milan National Cancer Institute. The registry receives hospital discharge data on Lecco residents and uses the Open Registry automated registration system (Tagliabue et al., 2006) to identify records of cancer diagnosis/treatment and link them to other data sources (e.g. autopsy, pathology, and laboratory reports; medical records; and mortality files).

INTERPRETING THE RESULTS

Cancer screening programmes (with active invitation) are established in the province. In 2010, 72.4% of women aged 50–69 years underwent mammography and 56% of people aged 50–69 years underwent colorectal cancer screening.

USE OF THE DATA

Registry data are used to analyse cancer incidence and survival, and to evaluate and allocate health services.

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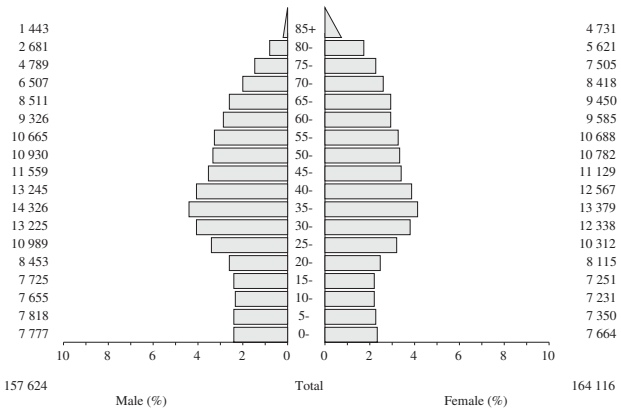
Italy, Lecco (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	75.2	Breast	98.5
Prostate	70.8	Non-melanoma skin cancer	49.0
Trachea, bronchus and lung	52.0	Colon	21.1
Colon	37.2	Trachea, bronchus and lung	14.7
Bladder	32.7	Corpus uteri	14.5
Stomach	20.1	Non-Hodgkin lymphoma	11.2
Liver	18.5	Ovary	10.6
Non-Hodgkin lymphoma	15.0	Stomach	10.1
Kidney	14.1	Thyroid	9.3
Rectum	9.7	Melanoma of skin	8.5
All sites	439.0	All sites	319.1

Italy, Lecco (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	13	0.2	1.6	**0.7**	0.02	0.08	3	0.1	0.4	**0.1**	0.00	0.01	*C00*
Tongue	26	0.5	3.3	**2.0**	0.16	0.21	16	0.3	1.9	**1.3**	0.09	0.11	*C01-02*
Mouth	29	0.5	3.7	**2.2**	0.15	0.24	20	0.4	2.4	**1.0**	0.07	0.13	*C03-06*
Salivary glands	8	0.1	1.0	**0.6**	0.04	0.08	12	0.3	1.5	**0.4**	0.01	0.05	*C07-08*
Tonsil	10	0.2	1.3	**0.6**	0.05	0.07	6	0.1	0.7	**0.3**	0.01	0.04	*C09*
Other oropharynx	9	0.2	1.1	**0.6**	0.05	0.06	3	0.1	0.4	**0.2**	0.02	0.02	*C10*
Nasopharynx	8	0.1	1.0	**0.7**	0.06	0.07	7	0.2	0.9	**0.6**	0.05	0.06	*C11*
Hypopharynx	9	0.2	1.1	**0.7**	0.05	0.09	3	0.1	0.4	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	1	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.2	**0.1**	0.01	0.02	*C14*
Oesophagus	46	0.8	5.8	**2.9**	0.09	0.34	15	0.3	1.8	**0.8**	0.06	0.07	*C15*
Stomach	316	5.8	40.1	**20.1**	0.73	2.53	232	5.0	28.3	**10.1**	0.42	1.09	*C16*
Small intestine	20	0.4	2.5	**1.5**	0.09	0.15	13	0.3	1.6	**0.5**	0.02	0.04	*C17*
Colon	578	10.7	73.3	**37.2**	1.67	4.46	438	9.5	53.4	**21.1**	1.20	2.46	*C18*
Rectum	142	2.6	18.0	**9.7**	0.55	1.19	110	2.4	13.4	**5.7**	0.30	0.62	*C19-20*
Anus	6	0.1	0.8	**0.4**	0.02	0.06	9	0.2	1.1	**0.4**	0.01	0.05	*C21*
Liver	296	5.5	37.6	**18.5**	0.71	2.18	141	3.1	17.2	**5.8**	0.20	0.69	*C22*
Gallbladder etc.	48	0.9	6.1	**2.9**	0.12	0.29	75	1.6	9.1	**2.8**	0.10	0.29	*C23-24*
Pancreas	148	2.7	18.8	**9.6**	0.49	1.20	138	3.0	16.8	**5.5**	0.16	0.64	*C25*
Nose, sinuses etc.	6	0.1	0.8	**0.3**	0.00	0.02	6	0.1	0.7	**0.5**	0.06	0.06	*C30-31*
Larynx	87	1.6	11.0	**6.0**	0.33	0.80	16	0.3	1.9	**1.0**	0.06	0.12	*C32*
Trachea, bronchus and lung	820	15.1	104.0	**52.0**	2.34	6.29	282	6.1	34.4	**14.7**	0.84	1.76	*C33-34*
Other thoracic organs	18	0.3	2.3	**1.4**	0.08	0.14	15	0.3	1.8	**1.0**	0.04	0.11	*C37-38*
Bone	17	0.3	2.2	**2.2**	0.15	0.15	6	0.1	0.7	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	112	2.1	14.2	**9.0**	0.61	1.00	116	2.5	14.1	**8.5**	0.62	0.85	*C43*
Other skin	1151		146.0	**75.2**	3.41	8.78	929		113.2	**49.0**	2.79	5.44	*C44*
Mesothelioma	39	0.7	4.9	**2.6**	0.12	0.35	18	0.4	2.2	**1.1**	0.07	0.14	*C45*
Kaposi sarcoma	10	0.2	1.3	**0.8**	0.06	0.09	2	0.0	0.2	**0.2**	0.02	0.02	*C46*
Connective and soft tissue	33	0.6	4.2	**3.1**	0.19	0.30	25	0.5	3.0	**1.8**	0.12	0.13	*C47+C49*
Breast	19	0.4	2.4	**1.2**	0.05	0.16	1521	32.9	185.4	**98.5**	7.19	10.93	*C50*
Vulva							21	0.5	2.6	**0.9**	0.04	0.11	*C51*
Vagina							6	0.1	0.7	**0.2**	0.01	0.01	*C52*
Cervix uteri							68	1.5	8.3	**5.0**	0.41	0.51	*C53*
Corpus uteri							242	5.2	29.5	**14.5**	1.03	1.83	*C54*
Uterus unspecified							4	0.1	0.5	**0.3**	0.02	0.04	*C55*
Ovary							163	3.5	19.9	**10.6**	0.73	1.17	*C56*
Other female genital organs							12	0.3	1.5	**0.6**	0.03	0.07	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	8	0.1	1.0	**0.6**	0.04	0.05							*C60*
Prostate	1114	20.5	141.3	**70.8**	2.69	9.62							*C61*
Testis	64	1.2	8.1	**7.2**	0.54	0.57							*C62*
Other male genital organs	5	0.1	0.6	**0.4**	0.03	0.04							*C63*
Kidney	204	3.8	25.9	**14.1**	0.82	1.69	118	2.6	14.4	**7.0**	0.41	0.79	*C64*
Renal pelvis	9	0.2	1.1	**0.4**	0.00	0.03	7	0.2	0.9	**0.3**	0.02	0.03	*C65*
Ureter	11	0.2	1.4	**0.6**	0.01	0.10	4	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	506	9.3	64.2	**32.7**	1.52	3.91	111	2.4	13.5	**4.8**	0.23	0.54	*C67*
Other urinary organs	21	0.4	2.7	**1.3**	0.06	0.12	5	0.1	0.6	**0.2**	0.01	0.01	*C68*
Eye	9	0.2	1.1	**0.7**	0.05	0.08	4	0.1	0.5	**0.2**	0.01	0.01	*C69*
Brain, nervous system	82	1.5	10.4	**6.4**	0.43	0.64	72	1.6	8.8	**5.1**	0.32	0.51	*C70-72*
Thyroid	41	0.8	5.2	**3.4**	0.27	0.36	106	2.3	12.9	**9.3**	0.68	0.90	*C73*
Adrenal gland	3	0.1	0.4	**0.2**	0.01	0.01	5	0.1	0.6	**0.3**	0.01	0.04	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.3**	0.01	0.01	*C75*
Hodgkin lymphoma	25	0.5	3.2	**2.8**	0.20	0.23	19	0.4	2.3	**2.1**	0.14	0.17	*C81*
Non-Hodgkin lymphoma	198	3.6	25.1	**15.0**	0.89	1.57	183	4.0	22.3	**11.2**	0.69	1.28	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.3	**0.2**	0.01	0.02	2	0.0	0.2	**0.0**	0.00	0.00	*C88*
Multiple myeloma	52	1.0	6.6	**3.4**	0.18	0.38	49	1.1	6.0	**2.5**	0.14	0.32	*C90*
Lymphoid leukaemia	54	1.0	6.9	**4.3**	0.19	0.42	33	0.7	4.0	**3.1**	0.16	0.23	*C91*
Myeloid leukaemia	44	0.8	5.6	**3.0**	0.14	0.33	24	0.5	2.9	**1.5**	0.07	0.18	*C92-94*
Leukaemia unspecified	3	0.1	0.4	**0.3**	0.03	0.03	1	0.0	0.1	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	97	1.8	12.3	**6.6**	0.24	0.68	107	2.3	13.0	**5.1**	0.27	0.48	*O&U*
All sites	6578		834.6	**439.0**	20.73	52.26	5546		675.9	**319.1**	20.05	35.33	*C00-96*
All sites except C44	5427	100.0	688.6	**363.7**	17.32	43.47	4617	100.0	562.6	**270.1**	17.26	29.90	*C00-96 exc. C44*

Italy, Lombardy, South

REGISTRATION AREA

The Cancer Registry of South Lombardy covers the provinces of Lodi and Pavia, which are located in the southern part of the Lombardy region of northern Italy. Unlike the rest of Lombardy, the registration area is mainly agricultural, similar to the neighbouring regions of Piedmont and Emilia-Romagna. The registration area is 3747 km^2. It contains 252 municipalities (62 in Lodi and 190 in Pavia) and has a population of 783 000 (235 000 in Lodi and 548 000 in Pavia). Immigrants account for 10% of the population. Most residents (87.3% overall; 85.5% in Lodi and 87.9% in Pavia) live in small communities with populations of less than 5000. The elderly index (the ratio of the population aged more than 64 years to the population aged less than 15 years, multiplied by 100) is high (133 in Lodi and 189 in Pavia). Most of the registration area occupies the flat Po Plain, but 20% is hilly or mountainous. The mean population density is 209 residents/km^2 (280/km^2 in Lodi and 174/km^2 in Pavia).

CANCER CARE FACILITIES

There are 23 hospitals in the registration area (four in Lodi and 19 in Pavia). There are 33 paediatricians in Lodi and 59 in Pavia, and there are 152 general practitioners in Lodi and 407 in Pavia.

REGISTRY STRUCTURE AND METHODS

The registry staff consists of three medical doctors, four other health professionals, an information technologist, and a statistician, all employed part-time. The registry also receives support from the Varese Province branch of the Lombardy Cancer Registry. The Cancer Registry of South Lombardy uses the Open Registry automated cancer registration system (Contiero et al., 2005). The registry's main electronic information sources are hospital discharge reports (routinely generated by all Italian hospitals), pathology reports from all laboratories within the two provinces and the major out-of-province laboratories that often examine specimens from Lodi and Pavia residents, and mortality data from local health authorities.

INTERPRETING THE RESULTS

The only significant factors that may affect incidence rates are a screening programme for breast cancer, which was started in October 2002 (and run intermittently during 2003–2005), and a screening programme for cervical cancer, which has been active since 2001.

USE OF THE DATA

The registry reports incidence, extent of disease, and survival statistics. Registry data are also used for planning and evaluation of health services and evaluation of screening programmes.

CONTRIBUTORS

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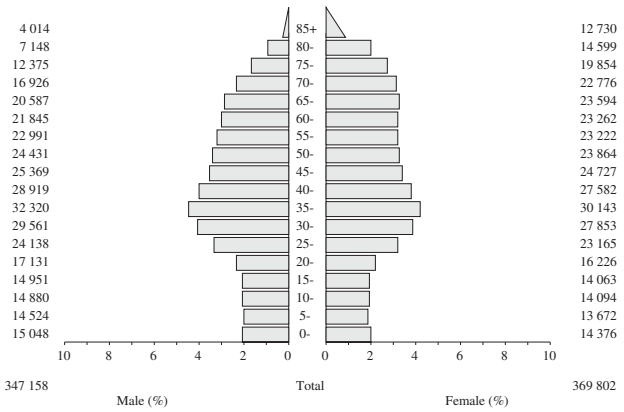
Italy, Lombardy, South (2003-2005)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	63.2	Breast	94.4
Prostate	60.8	Non-melanoma skin cancer	35.7
Non-melanoma skin cancer	54.3	Colon	21.4
Bladder	33.8	Corpus uteri	14.1
Colon	30.0	Trachea, bronchus and lung	12.9
Liver	24.0	Non-Hodgkin lymphoma	11.2
Stomach	18.6	Thyroid	10.7
Rectum	16.7	Ovary	10.0
Non-Hodgkin lymphoma	15.2	Rectum	9.0
Kidney	13.8	Liver	8.4
All sites	448.9	All sites	315.2

Italy, Lombardy, South (2003-2005)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	12	0.1	1.2	**0.4**	0.01	0.04	1	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	54	0.6	5.2	**2.7**	0.18	0.32	27	0.4	2.4	**0.9**	0.06	0.11	*C01-02*
Mouth	49	0.6	4.7	**2.6**	0.20	0.34	22	0.3	2.0	**0.9**	0.05	0.08	*C03-06*
Salivary glands	15	0.2	1.4	**0.7**	0.05	0.06	16	0.2	1.4	**0.5**	0.03	0.05	*C07-08*
Tonsil	28	0.3	2.7	**1.5**	0.11	0.20	9	0.1	0.8	**0.4**	0.03	0.04	*C09*
Other oropharynx	25	0.3	2.4	**1.3**	0.11	0.17	5	0.1	0.5	**0.3**	0.03	0.03	*C10*
Nasopharynx	14	0.2	1.3	**0.9**	0.08	0.10	5	0.1	0.5	**0.3**	0.03	0.04	*C11*
Hypopharynx	30	0.4	2.9	**1.7**	0.15	0.20	4	0.1	0.4	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	5	0.1	0.5	**0.3**	0.01	0.04	3	0.0	0.3	**0.1**	0.01	0.01	*C14*
Oesophagus	100	1.2	9.6	**4.7**	0.27	0.58	23	0.3	2.1	**0.8**	0.05	0.10	*C15*
Stomach	440	5.2	42.2	**18.6**	0.83	2.01	301	4.3	27.1	**8.0**	0.35	0.88	*C16*
Small intestine	15	0.2	1.4	**0.6**	0.03	0.05	24	0.3	2.2	**0.8**	0.04	0.09	*C17*
Colon	693	8.2	66.5	**30.0**	1.29	3.64	673	9.5	60.7	**21.4**	1.10	2.53	*C18*
Rectum	374	4.4	35.9	**16.7**	0.86	2.01	271	3.8	24.4	**9.0**	0.58	1.04	*C19-20*
Anus	5	0.1	0.5	**0.3**	0.02	0.04	19	0.3	1.7	**0.7**	0.04	0.07	*C21*
Liver	543	6.4	52.1	**24.0**	1.11	2.99	295	4.2	26.6	**8.4**	0.29	1.13	*C22*
Gallbladder etc.	84	1.0	8.1	**3.4**	0.10	0.38	122	1.7	11.0	**3.7**	0.22	0.41	*C23-24*
Pancreas	245	2.9	23.5	**11.0**	0.53	1.27	240	3.4	21.6	**6.4**	0.28	0.72	*C25*
Nose, sinuses etc.	18	0.2	1.7	**0.9**	0.05	0.13	11	0.2	1.0	**0.4**	0.04	0.04	*C30-31*
Larynx	216	2.5	20.7	**10.6**	0.65	1.31	18	0.3	1.6	**0.7**	0.04	0.09	*C32*
Trachea, bronchus and lung	1446	17.1	138.8	**63.2**	2.78	8.02	386	5.5	34.8	**12.9**	0.68	1.53	*C33-34*
Other thoracic organs	30	0.4	2.9	**1.6**	0.11	0.19	18	0.3	1.6	**0.6**	0.04	0.05	*C37-38*
Bone	6	0.1	0.6	**0.5**	0.03	0.03	11	0.2	1.0	**0.9**	0.04	0.06	*C40-41*
Melanoma of skin	135	1.6	13.0	**8.3**	0.63	0.83	120	1.7	10.8	**6.9**	0.49	0.67	*C43*
Other skin	1253		120.3	**54.3**	2.39	5.99	1036		93.4	**35.7**	2.02	4.02	*C44*
Mesothelioma	63	0.7	6.0	**3.1**	0.19	0.38	44	0.6	4.0	**1.3**	0.06	0.18	*C45*
Kaposi sarcoma	35	0.4	3.4	**1.7**	0.07	0.16	13	0.2	1.2	**0.4**	0.01	0.06	*C46*
Connective and soft tissue	51	0.6	4.9	**3.6**	0.22	0.33	44	0.6	4.0	**2.4**	0.15	0.19	*C47+C49*
Breast	19	0.2	1.8	**0.9**	0.04	0.12	2066	29.3	186.2	**94.4**	6.96	10.72	*C50*
Vulva							42	0.6	3.8	**1.3**	0.06	0.14	*C51*
Vagina							13	0.2	1.2	**0.4**	0.01	0.05	*C52*
Cervix uteri							133	1.9	12.0	**7.0**	0.54	0.75	*C53*
Corpus uteri							341	4.8	30.7	**14.1**	1.06	1.73	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							230	3.3	20.7	**10.0**	0.70	1.13	*C56*
Other female genital organs							13	0.2	1.2	**0.4**	0.01	0.04	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	13	0.2	1.2	**0.5**	0.01	0.06							*C60*
Prostate	1449	17.1	139.1	**60.8**	2.27	7.87							*C61*
Testis	55	0.6	5.3	**4.9**	0.36	0.37							*C62*
Other male genital organs	12	0.1	1.2	**0.5**	0.04	0.05							*C63*
Kidney	274	3.2	26.3	**13.8**	0.84	1.71	142	2.0	12.8	**5.3**	0.32	0.63	*C64*
Renal pelvis	20	0.2	1.9	**0.9**	0.05	0.11	10	0.1	0.9	**0.3**	0.01	0.04	*C65*
Ureter	22	0.3	2.1	**0.9**	0.04	0.11	6	0.1	0.5	**0.1**	0.01	0.01	*C66*
Bladder	773	9.1	74.2	**33.8**	1.56	4.09	183	2.6	16.5	**6.2**	0.35	0.66	*C67*
Other urinary organs	39	0.5	3.7	**1.7**	0.08	0.20	13	0.2	1.2	**0.4**	0.02	0.05	*C68*
Eye	8	0.1	0.8	**0.4**	0.02	0.05	16	0.2	1.4	**0.5**	0.03	0.04	*C69*
Brain, nervous system	118	1.4	11.3	**6.9**	0.48	0.70	80	1.1	7.2	**3.5**	0.23	0.34	*C70-72*
Thyroid	48	0.6	4.6	**2.9**	0.22	0.27	174	2.5	15.7	**10.7**	0.84	1.05	*C73*
Adrenal gland	4	0.0	0.4	**0.2**	0.01	0.02	7	0.1	0.6	**0.3**	0.03	0.03	*C74*
Other endocrine	3	0.0	0.3	**0.2**	0.01	0.02	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	53	0.6	5.1	**4.7**	0.30	0.38	29	0.4	2.6	**2.7**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	259	3.1	24.9	**15.2**	1.00	1.61	274	3.9	24.7	**11.2**	0.67	1.32	*C82-85,C96*
Immunoproliferative diseases	12	0.1	1.2	**0.5**	0.02	0.07	6	0.1	0.5	**0.3**	0.02	0.03	*C88*
Multiple myeloma	122	1.4	11.7	**5.6**	0.30	0.69	114	1.6	10.3	**4.2**	0.24	0.45	*C90*
Lymphoid leukaemia	92	1.1	8.8	**7.4**	0.38	0.58	69	1.0	6.2	**3.8**	0.20	0.33	*C91*
Myeloid leukaemia	81	1.0	7.8	**4.5**	0.22	0.42	76	1.1	6.9	**3.1**	0.17	0.31	*C92-94*
Leukaemia unspecified	9	0.1	0.9	**0.4**	0.02	0.04	11	0.2	1.0	**0.4**	0.02	0.03	*C95*
Myeloproliferative disorders	74	0.9	7.1	**3.5**	0.20	0.40	72	1.0	6.5	**3.1**	0.17	0.34	*MPD*
Myelodysplastic syndromes	29	0.3	2.8	**1.2**	0.03	0.13	19	0.3	1.7	**0.8**	0.04	0.07	*MDS*
Other and unspecified	157	1.9	15.1	**7.0**	0.35	0.72	184	2.6	16.6	**5.6**	0.27	0.57	*O&U*
All sites	9729		934.2	**448.9**	21.92	52.65	8086		728.9	**315.2**	19.89	35.29	*C00-96*
All sites except C44	8476	100.0	813.8	**394.6**	19.52	46.66	7050	100.0	635.5	**279.5**	17.87	31.27	*C00-96 exc. C44*

Italy, Mantua

REGISTRATION AREA

The Cancer Registry of Mantova Province covers the province of Mantua, which is located in the south-western part of the Lombardy region of northern Italy. As of 1 January 2006, the population was 394 000. The province's economy is based mainly on services (56%), industry (37%), and agriculture (7%). In 2005, the unemployment rate was 4.2% (compared with the national average of 7.7%), and foreign residents accounted for about 7% of the population.

CANCER CARE FACILITIES

Cancer care is provided by four public and three private hospitals. The Hospital of Mantova provides all the main surgical and medical specialities, including medical oncology and radiotherapy services. About one third of hospitalized residents are admitted to academic centres of excellence either within the region (in Brescia, Milan, or Pavia) or outside the region (in Padua, Verona, Modena, Parma, Reggio Emilia, or Ferrara).

REGISTRY STRUCTURE AND METHODS

The registry is located within and funded by the Mantua Local Health Authority. The staff consists of the registry director (a physician), four health care assistants, a statistician, and an administrator. The registry has collected all cancer cases since 1999. It has full access to all hospital discharge records for residents of the province, and to the reports released by pathology laboratories. The registry also receives records from the local mortality registry. The regional government supplies copies of the population files for reference in linking source records, which are evaluated using a case-resolution program. Completeness and accuracy are evaluated, and duplicate and quality control checks are run periodically. The proportion of death-certificate-only (DCO) cases is less than 2%.

INTERPRETING THE RESULTS

Cancer incidence rates in the province of Mantua are similar to those in other provinces of the Lombardy region. There are no known unusual environmental or occupational exposures in the registration area that would affect incidence. Screening was initiated for cervical cancer in 1980, for breast cancer in 2001, and for colorectal cancer in 2005. The registry collaborates with the screening service that administers these programmes.

USE OF THE DATA

The registry is part of the Italian network of cancer registries (AIRTUM) and submits data to the Italian Cancer Registries database. It also publishes periodic reports on incidence, mortality, and survival, and participates in clinical and analytical epidemiological studies.

CONTRIBUTORS

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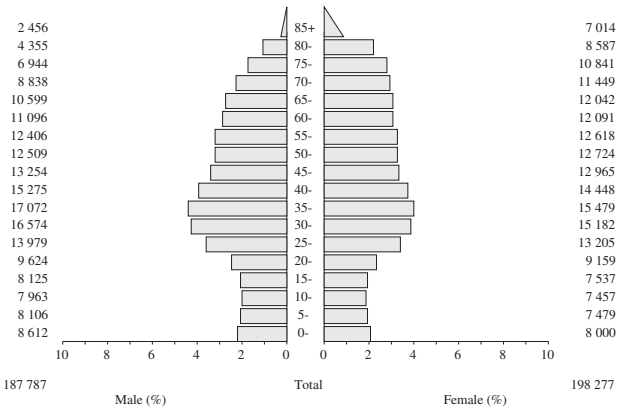
Italy, Mantua (2003-2005)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2001 census, making allowances for births and deaths.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	62.9	Breast	102.1
Trachea, bronchus and lung	50.6	Colon	21.9
Colon	34.8	Thyroid	17.4
Bladder	27.5	Corpus uteri	14.0
Stomach	16.9	Trachea, bronchus and lung	10.9
Kidney	15.4	Non-Hodgkin lymphoma	9.4
Liver	15.2	Ovary	8.9
Rectum	15.1	Stomach	8.8
Non-Hodgkin lymphoma	13.3	Melanoma of skin	8.6
Larynx	10.9	Rectum	7.8
All sites	357.4	All sites	277.9

Italy, Mantua (2003-2005)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	14	0.3	2.5	**1.0**	0.03	0.08	4	0.1	0.7	**0.2**	0.00	0.03	*C00*
Tongue	21	0.5	3.7	**2.0**	0.16	0.22	14	0.4	2.4	**0.8**	0.04	0.08	*C01-02*
Mouth	17	0.4	3.0	**1.6**	0.09	0.17	11	0.3	1.8	**0.7**	0.04	0.08	*C03-06*
Salivary glands	9	0.2	1.6	**1.2**	0.09	0.12	1	0.0	0.2	**0.1**	0.01	0.01	*C07-08*
Tonsil	6	0.1	1.1	**0.7**	0.07	0.09	6	0.2	1.0	**0.5**	0.03	0.06	*C09*
Other oropharynx	5	0.1	0.9	**0.4**	0.02	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	3	0.1	0.5	**0.4**	0.04	0.04	1	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	5	0.1	0.9	**0.5**	0.04	0.06	2	0.1	0.3	**0.3**	0.02	0.02	*C12-13*
Pharynx unspecified	8	0.2	1.4	**0.8**	0.07	0.12	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	42	1.0	7.5	**3.5**	0.22	0.39	14	0.4	2.4	**0.8**	0.03	0.11	*C15*
Stomach	217	5.3	38.5	**16.9**	0.59	1.94	168	4.7	28.2	**8.8**	0.47	0.90	*C16*
Small intestine	19	0.5	3.4	**1.7**	0.09	0.16	13	0.4	2.2	**0.7**	0.04	0.05	*C17*
Colon	439	10.7	77.9	**34.8**	1.60	4.21	367	10.2	61.7	**21.9**	1.14	2.66	*C18*
Rectum	179	4.4	31.8	**15.1**	0.77	1.78	121	3.4	20.3	**7.8**	0.48	0.88	*C19-20*
Anus	7	0.2	1.2	**0.5**	0.03	0.05	5	0.1	0.8	**0.3**	0.01	0.04	*C21*
Liver	175	4.3	31.1	**15.2**	0.88	1.86	89	2.5	15.0	**5.2**	0.15	0.67	*C22*
Gallbladder etc.	42	1.0	7.5	**3.1**	0.12	0.26	44	1.2	7.4	**2.1**	0.09	0.20	*C23-24*
Pancreas	116	2.8	20.6	**9.7**	0.52	1.14	145	4.0	24.4	**7.2**	0.27	0.86	*C25*
Nose, sinuses etc.	5	0.1	0.9	**0.5**	0.03	0.08	3	0.1	0.5	**0.4**	0.03	0.04	*C30-31*
Larynx	119	2.9	21.1	**10.9**	0.62	1.44	9	0.2	1.5	**0.5**	0.03	0.07	*C32*
Trachea, bronchus and lung	653	15.9	115.9	**50.6**	2.19	6.41	196	5.4	33.0	**10.9**	0.53	1.33	*C33-34*
Other thoracic organs	3	0.1	0.5	**0.3**	0.00	0.05	3	0.1	0.5	**0.3**	0.03	0.04	*C37-38*
Bone	9	0.2	1.6	**1.0**	0.05	0.10	5	0.1	0.8	**0.7**	0.05	0.07	*C40-41*
Melanoma of skin	72	1.8	12.8	**7.5**	0.54	0.84	79	2.2	13.3	**8.6**	0.65	0.79	*C43*
Other skin	20		3.6	**1.7**	0.10	0.16	15		2.5	**1.0**	0.06	0.11	*C44*
Mesothelioma	18	0.4	3.2	**1.7**	0.09	0.23	8	0.2	1.3	**0.6**	0.03	0.10	*C45*
Kaposi sarcoma	9	0.2	1.6	**0.8**	0.05	0.08	4	0.1	0.7	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	22	0.5	3.9	**2.2**	0.12	0.21	18	0.5	3.0	**1.3**	0.09	0.15	*C47+C49*
Breast	10	0.2	1.8	**0.9**	0.07	0.11	1156	32.1	194.3	**102.1**	7.45	11.88	*C50*
Vulva							27	0.8	4.5	**1.3**	0.04	0.14	*C51*
Vagina							6	0.2	1.0	**0.4**	0.03	0.04	*C52*
Cervix uteri							46	1.3	7.7	**4.9**	0.42	0.46	*C53*
Corpus uteri							167	4.6	28.1	**14.0**	1.05	1.73	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							115	3.2	19.3	**8.9**	0.67	0.92	*C56*
Other female genital organs							2	0.1	0.3	**0.1**	0.00	0.03	*C57*
Placenta							1	0.0	0.2	**0.1**	0.01	0.01	*C58*
Penis	12	0.3	2.1	**1.1**	0.07	0.17							*C60*
Prostate	744	18.2	132.1	**62.9**	2.86	8.95							*C61*
Testis	36	0.9	6.4	**5.8**	0.43	0.44							*C62*
Other male genital organs	3	0.1	0.5	**0.4**	0.03	0.04							*C63*
Kidney	172	4.2	30.5	**15.4**	0.98	1.90	81	2.2	13.6	**5.0**	0.26	0.55	*C64*
Renal pelvis	6	0.1	1.1	**0.6**	0.03	0.08	1	0.0	0.2	**0.1**	0.01	0.01	*C65*
Ureter	6	0.1	1.1	**0.5**	0.02	0.07	2	0.1	0.3	**0.1**	0.00	0.01	*C66*
Bladder	347	8.5	61.6	**27.5**	1.20	3.45	97	2.7	16.3	**6.0**	0.33	0.70	*C67*
Other urinary organs	1	0.0	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	5	0.1	0.9	**1.0**	0.04	0.07	8	0.2	1.3	**1.2**	0.07	0.10	*C69*
Brain, nervous system	64	1.6	11.4	**7.3**	0.46	0.76	53	1.5	8.9	**5.5**	0.32	0.51	*C70-72*
Thyroid	55	1.3	9.8	**6.6**	0.48	0.71	148	4.1	24.9	**17.4**	1.47	1.77	*C73*
Adrenal gland	1	0.0	0.2	**0.1**	0.01	0.01	1	0.0	0.2	**0.4**	0.02	0.02	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.2	**0.4**	0.02	0.02	*C75*
Hodgkin lymphoma	24	0.6	4.3	**3.3**	0.23	0.30	27	0.8	4.5	**4.4**	0.30	0.36	*C81*
Non-Hodgkin lymphoma	130	3.2	23.1	**13.3**	0.78	1.59	119	3.3	20.0	**9.4**	0.60	1.05	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	48	1.2	8.5	**4.0**	0.20	0.55	39	1.1	6.6	**2.8**	0.16	0.34	*C90*
Lymphoid leukaemia	50	1.2	8.9	**6.9**	0.37	0.57	33	0.9	5.5	**3.7**	0.21	0.29	*C91*
Myeloid leukaemia	44	1.1	7.8	**4.9**	0.30	0.50	44	1.2	7.4	**3.4**	0.22	0.31	*C92-94*
Leukaemia unspecified	1	0.0	0.2	**0.0**	0.00	0.00	3	0.1	0.5	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	2	0.0	0.4	**0.1**	0.00	0.02	1	0.0	0.2	**0.1**	0.00	0.01	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.2	**0.1**	0.00	0.01	*MDS*
Other and unspecified	103	2.5	18.3	**8.0**	0.27	0.76	91	2.5	15.3	**4.1**	0.17	0.40	*O&U*
All sites	4118		731.0	**357.4**	18.02	43.41	3615		607.7	**277.9**	18.16	31.06	*C00-96*
All sites except C44	4098	100.0	727.4	**355.7**	17.92	43.25	3600	100.0	605.2	**276.9**	18.10	30.96	*C00-96 exc. C44*

Italy, Milan

REGISTRATION AREA

The Milano Cancer Registry covers the city of Milan, which is the largest metropolitan city in northern Italy and is the capital of both the province of Milan and the Lombardy region. The city covers a total area of 182 km^2. At the 2011 census, the population was 1.3 million, with 6826 residents/km^2. A single local health authority serves the entire registration area.

CANCER CARE FACILITIES

There are 29 hospitals in the registration area, each of which provides the registry with full access to case information.

REGISTRY STRUCTURE AND METHODS

The registry was established in May 2002 and is located within the epidemiology unit of the Local Health Authority of Milan. Its staff consists of three medical epidemiologists, two statisticians, and five nurses working as cancer registrars. The registry uses automated cancer registration methods. The population roster, death certificates, hospital discharge records, and pathology reports are fed into the registry's information system, and underlying causes of death and hospital admission diagnoses are coded using ICD-9. Incidence topography is coded using ICD-10, and morphology is coded using ICD-O-3. Cases are followed up annually to determine survival using consolidated record linkage between the registry database and the municipal census office.

INTERPRETING THE RESULTS

There are breast and colorectal cancer screening programmes in the registration area.

USE OF THE DATA

Policy-makers use registry data to evaluate health care and treatment policies and to plan prevention activities. Registry data are also used to study differential cancer risks within the population (which includes a relatively high proportion of immigrants) and to plan differential preventive actions accordingly. The registry supports etiological research, and registry data are used to evaluate the city's screening programmes.

CONTRIBUTORS

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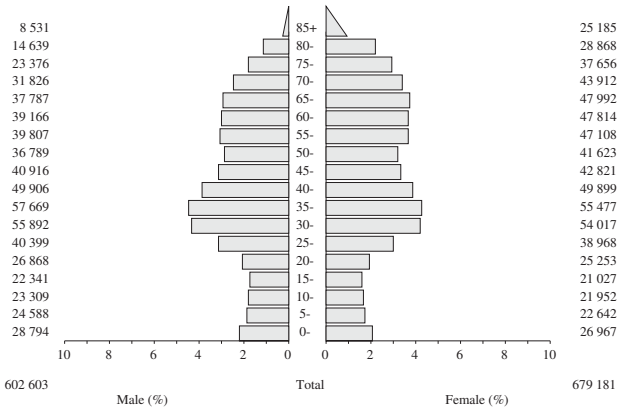
Italy, Milan (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual estimates provided by the Ufficio Sistemi Statistici del Comune di Milano, a municipal branch of the Italian National Institute of Statistics (ISTAT), based on the 2001 census, making allowance for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	72.6	Breast	94.9
Trachea, bronchus and lung	54.0	Non-melanoma skin cancer	34.9
Non-melanoma skin cancer	48.5	Colon	18.9
Bladder	34.2	Trachea, bronchus and lung	18.4
Colon	30.5	Corpus uteri	12.6
Liver	16.1	Melanoma of skin	10.0
Non-Hodgkin lymphoma	15.2	Non-Hodgkin lymphoma	9.8
Rectum	12.6	Thyroid	9.1
Kidney	12.1	Ovary	8.7
Stomach	12.0	Bladder	7.5
All sites	407.5	All sites	298.7

Italy, Milan (2003-2006)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	13	0.1	0.5	**0.3**	0.02	0.04	2	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	130	0.7	5.4	**3.0**	0.24	0.36	55	0.3	2.0	**0.8**	0.04	0.09	*C01-02*
Mouth	105	0.6	4.4	**2.3**	0.18	0.28	80	0.5	2.9	**1.1**	0.06	0.12	*C03-06*
Salivary glands	36	0.2	1.5	**0.6**	0.03	0.07	25	0.1	0.9	**0.5**	0.04	0.04	*C07-08*
Tonsil	59	0.3	2.4	**1.3**	0.09	0.15	17	0.1	0.6	**0.3**	0.02	0.04	*C09*
Other oropharynx	37	0.2	1.5	**0.8**	0.06	0.11	15	0.1	0.6	**0.3**	0.02	0.03	*C10*
Nasopharynx	37	0.2	1.5	**1.1**	0.09	0.11	13	0.1	0.5	**0.2**	0.02	0.02	*C11*
Hypopharynx	41	0.2	1.7	**0.9**	0.07	0.11	11	0.1	0.4	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	12	0.1	0.5	**0.2**	0.02	0.03	5	0.0	0.2	**0.0**	0.00	0.00	*C14*
Oesophagus	156	0.8	6.5	**3.0**	0.18	0.36	65	0.4	2.4	**0.7**	0.03	0.09	*C15*
Stomach	687	3.6	28.5	**12.0**	0.53	1.42	615	3.6	22.6	**6.9**	0.34	0.74	*C16*
Small intestine	53	0.3	2.2	**1.1**	0.06	0.11	42	0.2	1.5	**0.5**	0.03	0.06	*C17*
Colon	1779	9.4	73.8	**30.5**	1.32	3.62	1622	9.4	59.7	**18.9**	0.95	2.20	*C18*
Rectum	683	3.6	28.3	**12.6**	0.65	1.60	556	3.2	20.5	**7.1**	0.40	0.84	*C19-20*
Anus	22	0.1	0.9	**0.5**	0.03	0.05	58	0.3	2.1	**1.0**	0.08	0.11	*C21*
Liver	849	4.5	35.2	**16.1**	0.84	1.95	432	2.5	15.9	**4.3**	0.13	0.50	*C22*
Gallbladder etc.	178	0.9	7.4	**2.9**	0.11	0.33	281	1.6	10.3	**2.9**	0.13	0.33	*C23-24*
Pancreas	499	2.6	20.7	**9.0**	0.45	1.02	629	3.7	23.2	**6.2**	0.26	0.69	*C25*
Nose, sinuses etc.	30	0.2	1.2	**0.6**	0.04	0.07	25	0.1	0.9	**0.3**	0.01	0.03	*C30-31*
Larynx	365	1.9	15.1	**7.3**	0.45	0.91	52	0.3	1.9	**0.7**	0.04	0.10	*C32*
Trachea, bronchus and lung	3074	16.3	127.5	**54.0**	2.50	6.70	1424	8.3	52.4	**18.4**	1.01	2.18	*C33-34*
Other thoracic organs	36	0.2	1.5	**0.7**	0.03	0.05	47	0.3	1.7	**0.6**	0.04	0.05	*C37-38*
Bone	27	0.1	1.1	**1.0**	0.06	0.08	32	0.2	1.2	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	494	2.6	20.5	**11.3**	0.77	1.21	453	2.6	16.7	**10.0**	0.76	0.99	*C43*
Other skin	2744		113.8	**48.5**	2.21	5.61	2384		87.8	**34.9**	2.12	4.03	*C44*
Mesothelioma	102	0.5	4.2	**1.8**	0.08	0.24	61	0.4	2.2	**0.8**	0.04	0.09	*C45*
Kaposi sarcoma	59	0.3	2.4	**1.4**	0.09	0.12	21	0.1	0.8	**0.2**	0.01	0.02	*C46*
Connective and soft tissue	99	0.5	4.1	**2.5**	0.15	0.25	102	0.6	3.8	**1.8**	0.12	0.19	*C47+C49*
Breast	38	0.2	1.6	**0.8**	0.05	0.09	5299	30.8	195.1	**94.9**	7.06	10.60	*C50*
Vulva							73	0.4	2.7	**0.7**	0.03	0.07	*C51*
Vagina							23	0.1	0.8	**0.3**	0.02	0.03	*C52*
Cervix uteri							264	1.5	9.7	**5.2**	0.39	0.56	*C53*
Corpus uteri							776	4.5	28.6	**12.6**	0.92	1.52	*C54*
Uterus unspecified							26	0.2	1.0	**0.3**	0.01	0.03	*C55*
Ovary							541	3.1	19.9	**8.7**	0.61	1.01	*C56*
Other female genital organs							19	0.1	0.7	**0.3**	0.01	0.03	*C57*
Placenta							5	0.0	0.2	**0.1**	0.01	0.01	*C58*
Penis	21	0.1	0.9	**0.4**	0.01	0.04							*C60*
Prostate	4069	21.5	168.8	**72.6**	3.26	10.10							*C61*
Testis	157	0.8	6.5	**5.7**	0.42	0.43							*C62*
Other male genital organs	21	0.1	0.9	**0.5**	0.02	0.05							*C63*
Kidney	618	3.3	25.6	**12.1**	0.65	1.49	352	2.0	13.0	**5.2**	0.28	0.59	*C64*
Renal pelvis	48	0.3	2.0	**0.8**	0.03	0.12	44	0.3	1.6	**0.5**	0.02	0.05	*C65*
Ureter	40	0.2	1.7	**0.6**	0.02	0.08	21	0.1	0.8	**0.2**	0.01	0.02	*C66*
†Bladder	1928	10.2	80.0	**34.2**	1.65	4.16	622	3.6	22.9	**7.5**	0.39	0.85	*C67*
Other urinary organs	24	0.1	1.0	**0.4**	0.01	0.03	13	0.1	0.5	**0.1**	0.00	0.00	*C68*
Eye	19	0.1	0.8	**0.5**	0.03	0.05	27	0.2	1.0	**0.6**	0.03	0.05	*C69*
Brain, nervous system	261	1.4	10.8	**6.7**	0.39	0.68	204	1.2	7.5	**4.2**	0.24	0.40	*C70-72*
Thyroid	161	0.9	6.7	**4.1**	0.29	0.42	368	2.1	13.5	**9.1**	0.73	0.90	*C73*
Adrenal gland	10	0.1	0.4	**0.4**	0.02	0.03	9	0.1	0.3	**0.2**	0.01	0.02	*C74*
Other endocrine	5	0.0	0.2	**0.2**	0.01	0.02	6	0.0	0.2	**0.3**	0.02	0.02	*C75*
Hodgkin lymphoma	105	0.6	4.4	**3.5**	0.24	0.30	94	0.5	3.5	**3.2**	0.22	0.24	*C81*
Non-Hodgkin lymphoma	659	3.5	27.3	**15.2**	0.94	1.57	624	3.6	23.0	**9.8**	0.61	1.11	*C82-85,C96*
Immunoproliferative diseases	3	0.0	0.1	**0.0**	0.00	0.01	7	0.0	0.3	**0.1**	0.01	0.01	*C88*
Multiple myeloma	159	0.8	6.6	**3.0**	0.16	0.36	164	1.0	6.0	**1.9**	0.10	0.24	*C90*
Lymphoid leukaemia	251	1.3	10.4	**6.4**	0.36	0.63	168	1.0	6.2	**3.4**	0.19	0.31	*C91*
Myeloid leukaemia	214	1.1	8.9	**4.7**	0.27	0.49	180	1.0	6.6	**2.8**	0.17	0.28	*C92-94*
Leukaemia unspecified	2	0.0	0.1	**0.1**	0.01	0.01	17	0.1	0.6	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	3	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	422	2.2	17.5	**7.2**	0.32	0.69	537	3.1	19.8	**5.3**	0.26	0.47	*O&U*
All sites	21644		897.9	**407.5**	20.49	48.85	19608		721.8	**298.7**	19.14	33.12	*C00-96*
All sites except C44	18900	100.0	784.1	**359.0**	18.28	43.24	17224	100.0	634.0	**263.8**	17.02	29.09	*C00-96 exc. C44*

† See note following population pyramid

Italy, Modena

REGISTRATION AREA

The Modena Cancer Registry (MCR) covers the province of Modena in the Emilia-Romagna region of northern Italy. In 2005, the population was 665 000. The province has 47 municipalities.

CANCER CARE FACILITIES

There are nine public general hospitals (including a university teaching hospital) and five private clinics.

REGISTRY STRUCTURE AND METHODS

The MCR is located within the cancer centre of the University of Modena and Reggio Emilia. It is supported by the local health authority and the Angela Serra Association for Cancer Research. The staff consists of a medical director, a research manager, a statistician, a systems manager, two registrars, and a secretary. The main data sources are reports from one pathology laboratory and one haematology laboratory, hospital discharge records, and death certificates. These files are submitted to the registry periodically and are processed using specialized software. Each case is manually checked and validated by MCR registrars. Vital status is passively followed up by matching registered cases with death notifications and public health database records. For cases that cannot be matched passively (less than 1%), vital status is followed up actively.

INTERPRETING THE RESULTS

During 2003–2007, there was a trend of decreasing cancer incidence for all tumour sites among male residents of Modena, whereas there was a trend of increasing incidence among female residents. The overall decrease among males is primarily due to decreasing incidence rates of respiratory tract and stomach cancers. The overall increase in incidence among females is probably due to increased incidence rates of cancers at sites such as the uterus, lung, and thyroid. The incidence of thyroid cancer increased in both sexes, possibly as a result of earlier diagnosis due to increased rates of examination after goitre surgery, as well as earlier diagnosis of thyroid microcarcinoma. At tumour sites covered by screening programmes (the breast and cervix) a trend of decreasing incidence has continued. For colorectal cancer, it is still too early to detect any beneficial effects of the screening programme established in 2005.

USE OF THE DATA

The MCR publishes an annual report on cancer incidence, mortality, and survival. The population data used in these reports are obtained from the Emilia-Romagna region's online portal (http://statistica.regione.emilia-romagna.it/servizi-online). All registry publications are available from the MCR's website. The registry collaborates on many national and international high- and low-resolution studies.

CONTRIBUTORS

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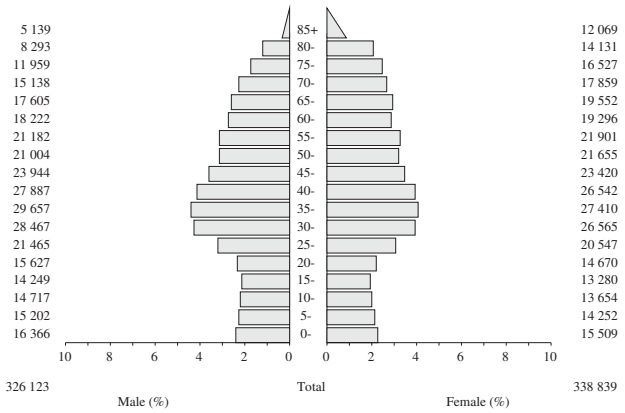
Italy, Modena (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data retrieved from the online portal of the Emilia-Romagna Region (http://statistica.regione.emilia-romagna.it/servizi-online).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	89.3	Breast	91.6
Non-melanoma skin cancer	68.1	Non-melanoma skin cancer	43.1
Trachea, bronchus and lung	50.7	Thyroid	24.5
Colon	35.4	Colon	23.8
Bladder	30.7	Corpus uteri	15.6
Non-Hodgkin lymphoma	15.3	Trachea, bronchus and lung	14.0
Stomach	14.8	Ovary	9.2
Rectum	13.4	Non-Hodgkin lymphoma	8.8
Kidney	13.3	Melanoma of skin	8.7
Liver	11.4	Stomach	7.4
All sites	440.0	All sites	324.1

Italy, Modena (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	8	0.1	0.5	**0.2**	0.01	0.02	8	0.1	0.5	**0.1**	0.00	0.01	*C00*
Tongue	53	0.4	3.3	**1.8**	0.12	0.23	22	0.2	1.3	**0.6**	0.03	0.07	*C01-02*
Mouth	31	0.3	1.9	**1.1**	0.06	0.13	19	0.2	1.1	**0.5**	0.03	0.05	*C03-06*
Salivary glands	16	0.1	1.0	**0.7**	0.05	0.05	12	0.1	0.7	**0.6**	0.04	0.05	*C07-08*
Tonsil	42	0.3	2.6	**1.5**	0.12	0.19	12	0.1	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	11	0.1	0.7	**0.4**	0.03	0.04	1	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	17	0.1	1.0	**0.7**	0.07	0.08	8	0.1	0.5	**0.2**	0.02	0.03	*C11*
Hypopharynx	13	0.1	0.8	**0.4**	0.03	0.06	6	0.1	0.4	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	2	0.0	0.1	**0.1**	0.00	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	55	0.4	3.4	**1.7**	0.11	0.21	31	0.3	1.8	**0.6**	0.03	0.07	*C15*
Stomach	562	4.5	34.5	**14.8**	0.66	1.61	393	3.9	23.2	**7.4**	0.31	0.79	*C16*
Small intestine	57	0.5	3.5	**1.6**	0.05	0.17	34	0.3	2.0	**0.9**	0.05	0.10	*C17*
Colon	1233	10.0	75.6	**35.4**	1.74	4.34	1024	10.2	60.4	**23.8**	1.33	2.89	*C18*
Rectum	457	3.7	28.0	**13.4**	0.69	1.68	311	3.1	18.4	**7.2**	0.40	0.89	*C19-20*
Anus	18	0.1	1.1	**0.4**	0.01	0.04	30	0.3	1.8	**0.8**	0.05	0.09	*C21*
Liver	386	3.1	23.7	**11.4**	0.58	1.36	202	2.0	11.9	**3.7**	0.13	0.43	*C22*
Gallbladder etc.	94	0.8	5.8	**2.1**	0.06	0.22	138	1.4	8.1	**2.5**	0.13	0.27	*C23-24*
Pancreas	341	2.8	20.9	**9.5**	0.44	1.15	309	3.1	18.2	**5.7**	0.24	0.63	*C25*
Nose, sinuses etc.	14	0.1	0.9	**0.5**	0.03	0.07	8	0.1	0.5	**0.2**	0.00	0.02	*C30-31*
Larynx	208	1.7	12.8	**6.3**	0.37	0.80	25	0.2	1.5	**0.8**	0.07	0.09	*C32*
Trachea, bronchus and lung	1898	15.3	116.4	**50.7**	2.06	6.35	606	6.1	35.8	**14.0**	0.77	1.69	*C33-34*
Other thoracic organs	20	0.2	1.2	**0.7**	0.04	0.08	14	0.1	0.8	**0.6**	0.03	0.05	*C37-38*
Bone	19	0.2	1.2	**1.3**	0.08	0.10	13	0.1	0.8	**0.7**	0.03	0.06	*C40-41*
Melanoma of skin	246	2.0	15.1	**8.4**	0.53	0.91	242	2.4	14.3	**8.7**	0.62	0.88	*C43*
Other skin	2446		150.0	**68.1**	3.22	7.81	1810		106.8	**43.1**	2.56	4.71	*C44*
Mesothelioma	34	0.3	2.1	**1.0**	0.06	0.16	18	0.2	1.1	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	25	0.2	1.5	**0.9**	0.07	0.10	14	0.1	0.8	**0.3**	0.01	0.04	*C46*
Connective and soft tissue	53	0.4	3.3	**2.4**	0.14	0.24	52	0.5	3.1	**1.5**	0.10	0.14	*C47+C49*
Breast	18	0.1	1.1	**0.6**	0.03	0.07	2825	28.2	166.7	**91.6**	7.05	10.09	*C50*
Vulva							77	0.8	4.5	**1.3**	0.04	0.15	*C51*
Vagina							9	0.1	0.5	**0.3**	0.01	0.02	*C52*
Cervix uteri							139	1.4	8.2	**4.8**	0.39	0.50	*C53*
Corpus uteri							522	5.2	30.8	**15.6**	1.19	1.93	*C54*
Uterus unspecified							7	0.1	0.4	**0.1**	0.00	0.01	*C55*
Ovary							318	3.2	18.8	**9.2**	0.65	0.99	*C56*
Other female genital organs							25	0.2	1.5	**0.6**	0.05	0.07	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	20	0.2	1.2	**0.6**	0.02	0.08							*C60*
Prostate	2982	24.1	182.9	**89.3**	4.33	12.82							*C61*
Testis	105	0.8	6.4	**6.4**	0.45	0.46							*C62*
Other male genital organs	11	0.1	0.7	**0.3**	0.02	0.04							*C63*
Kidney	414	3.3	25.4	**13.3**	0.76	1.61	246	2.5	14.5	**6.2**	0.36	0.74	*C64*
Renal pelvis	18	0.1	1.1	**0.4**	0.02	0.05	10	0.1	0.6	**0.3**	0.02	0.03	*C65*
Ureter	18	0.1	1.1	**0.5**	0.03	0.08	10	0.1	0.6	**0.3**	0.02	0.04	*C66*
Bladder	1109	9.0	68.0	**30.7**	1.48	3.72	290	2.9	17.1	**6.3**	0.33	0.71	*C67*
Other urinary organs	10	0.1	0.6	**0.3**	0.01	0.03	4	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	9	0.1	0.6	**0.3**	0.02	0.04	10	0.1	0.6	**0.4**	0.02	0.04	*C69*
Brain, nervous system	160	1.3	9.8	**5.8**	0.36	0.63	128	1.3	7.6	**4.0**	0.22	0.42	*C70-72*
Thyroid	219	1.8	13.4	**9.2**	0.76	0.99	585	5.8	34.5	**24.5**	1.99	2.51	*C73*
Adrenal gland	11	0.1	0.7	**0.8**	0.04	0.04	4	0.0	0.2	**0.3**	0.02	0.02	*C74*
Other endocrine	3	0.0	0.2	**0.3**	0.02	0.02	1	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	53	0.4	3.3	**2.7**	0.19	0.22	61	0.6	3.6	**3.5**	0.23	0.27	*C81*
Non-Hodgkin lymphoma	444	3.6	27.2	**15.3**	0.95	1.70	324	3.2	19.1	**8.8**	0.55	0.99	*C82-85,C96*
Immunoproliferative diseases	21	0.2	1.3	**0.5**	0.01	0.05	16	0.2	0.9	**0.4**	0.02	0.05	*C88*
Multiple myeloma	160	1.3	9.8	**4.4**	0.23	0.48	157	1.6	9.3	**3.7**	0.22	0.44	*C90*
Lymphoid leukaemia	159	1.3	9.8	**6.0**	0.35	0.60	113	1.1	6.7	**3.7**	0.16	0.33	*C91*
Myeloid leukaemia	99	0.8	6.1	**3.3**	0.16	0.33	123	1.2	7.3	**3.7**	0.23	0.40	*C92-94*
Leukaemia unspecified	2	0.0	0.1	**0.1**	0.00	0.00	3	0.0	0.2	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	102	0.8	6.3	**3.4**	0.22	0.39	96	1.0	5.7	**2.7**	0.18	0.27	*MPD*
Myelodysplastic syndromes	89	0.7	5.5	**2.1**	0.06	0.23	56	0.6	3.3	**1.1**	0.04	0.13	*MDS*
Other and unspecified	238	1.9	14.6	**5.9**	0.20	0.61	291	2.9	17.2	**4.7**	0.17	0.47	*O&U*
All sites	14833		909.7	**440.0**	22.16	53.49	11814		697.3	**324.1**	21.27	35.81	*C00-96*
All sites except C44	12387	100.0	759.6	**371.9**	18.94	45.68	10004	100.0	590.5	**280.9**	18.71	31.10	*C00-96 exc. C44*

Italy, Naples

REGISTRATION AREA
The Campania Cancer Registry covers 35 municipalities in the northern part of the province of Naples, which is located in the Campania region of southern Italy. The area is economically depressed, and its population is characterized by a high percentage of young people, with 19% of the population aged less than 15 years and 41% aged less than 30 years.

CANCER CARE FACILITIES
The registration area has two public general hospitals with chemotherapy services, one pathology laboratory, and one private radiotherapy centre operating within the national health service. About 10% of patients travel to central and northern Italy to receive health services.

REGISTRY STRUCTURE AND METHODS
The registry is staffed by a physician, an informatics technician, and four social workers. Data are actively collected from pathology laboratories, hospital discharge cards, and mortality records. General practitioners in the registration area are consulted about cases that are first notified by death certificate. Registry staff members have access to official mortality statistics and individual death certificates mentioning cancer.

INTERPRETING THE RESULTS
There are organized population screening programmes for cervical and breast cancer, but participation rates are low (17% and 23%, respectively). There has been a widespread increase in prostate-specific antigen (PSA) testing since 2003. The high prevalence of infection with hepatitis B and C viruses in the area (2% and 7%, respectively) is related to high incidence rates of hepatocellular carcinoma.

USE OF THE DATA
The registry publishes periodic reports on cancer incidence, prevalence, mortality, and survival, and also collaborates with public health organizations in the planning and evaluation of cancer services.

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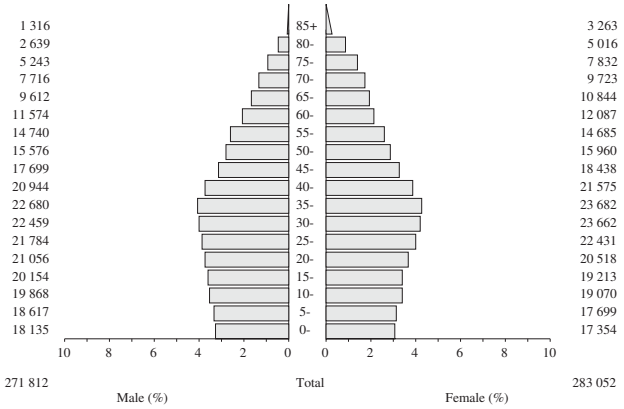
Italy, Naples (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	62.7	Breast	71.6
Bladder	48.5	Non-melanoma skin cancer	18.6
Prostate	37.5	Colon	15.5
Liver	34.6	Liver	13.4
Non-melanoma skin cancer	32.7	Thyroid	12.9
Colon	23.1	Corpus uteri	11.6
Stomach	14.0	Trachea, bronchus and lung	11.0
Non-Hodgkin lymphoma	12.4	Non-Hodgkin lymphoma	10.9
Rectum	11.9	Rectum	7.8
Larynx	10.2	Ovary	6.9
All sites	379.8	All sites	258.3

Italy, Naples (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	8	0.1	0.6	**0.5**	0.02	0.04	4	0.1	0.3	**0.2**	0.01	0.01	*C00*
Tongue	16	0.3	1.2	**1.0**	0.07	0.11	7	0.1	0.5	**0.4**	0.03	0.05	*C01-02*
Mouth	20	0.3	1.5	**1.2**	0.10	0.14	17	0.4	1.2	**0.8**	0.05	0.09	*C03-06*
Salivary glands	12	0.2	0.9	**0.8**	0.06	0.10	10	0.2	0.7	**0.6**	0.05	0.06	*C07-08*
Tonsil	2	0.0	0.1	**0.1**	0.00	0.02	4	0.1	0.3	**0.2**	0.02	0.02	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	14	0.2	1.0	**0.8**	0.05	0.10	8	0.2	0.6	**0.5**	0.03	0.03	*C11*
Hypopharynx	7	0.1	0.5	**0.4**	0.03	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	3	0.0	0.2	**0.2**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	32	0.5	2.4	**1.8**	0.10	0.21	18	0.4	1.3	**0.8**	0.04	0.09	*C15*
Stomach	251	4.1	18.5	**14.0**	0.75	1.71	152	3.2	10.7	**6.5**	0.38	0.64	*C16*
Small intestine	15	0.2	1.1	**0.8**	0.04	0.07	13	0.3	0.9	**0.6**	0.05	0.07	*C17*
Colon	404	6.7	29.7	**23.1**	1.22	2.77	347	7.2	24.5	**15.5**	0.86	1.73	*C18*
Rectum	214	3.5	15.7	**11.9**	0.56	1.53	167	3.5	11.8	**7.8**	0.47	0.97	*C19-20*
Anus	6	0.1	0.4	**0.3**	0.02	0.04	9	0.2	0.6	**0.4**	0.02	0.04	*C21*
Liver	607	10.0	44.7	**34.6**	1.86	4.62	313	6.5	22.1	**13.4**	0.45	1.79	*C22*
Gallbladder etc.	61	1.0	4.5	**3.3**	0.16	0.42	101	2.1	7.1	**4.4**	0.23	0.50	*C23-24*
Pancreas	136	2.2	10.0	**7.7**	0.42	0.93	89	1.9	6.3	**3.9**	0.22	0.41	*C25*
Nose, sinuses etc.	8	0.1	0.6	**0.5**	0.04	0.06	3	0.1	0.2	**0.1**	0.02	0.02	*C30-31*
Larynx	178	2.9	13.1	**10.2**	0.75	1.16	18	0.4	1.3	**1.0**	0.08	0.12	*C32*
Trachea, bronchus and lung	1124	18.5	82.7	**62.7**	3.20	8.10	222	4.6	15.7	**11.0**	0.79	1.24	*C33-34*
Other thoracic organs	11	0.2	0.8	**0.6**	0.02	0.05	13	0.3	0.9	**0.6**	0.05	0.07	*C37-38*
Bone	15	0.2	1.1	**1.0**	0.06	0.10	17	0.4	1.2	**1.2**	0.06	0.10	*C40-41*
Melanoma of skin	75	1.2	5.5	**4.4**	0.35	0.45	82	1.7	5.8	**4.8**	0.36	0.48	*C43*
Other skin	599		44.1	**32.7**	1.53	3.73	412		29.1	**18.6**	1.01	2.02	*C44*
Mesothelioma	32	0.5	2.4	**1.8**	0.08	0.22	8	0.2	0.6	**0.4**	0.04	0.04	*C45*
Kaposi sarcoma	15	0.2	1.1	**0.8**	0.05	0.10	8	0.2	0.6	**0.3**	0.02	0.04	*C46*
Connective and soft tissue	27	0.4	2.0	**1.7**	0.10	0.19	22	0.5	1.6	**1.1**	0.09	0.09	*C47+C49*
Breast	11	0.2	0.8	**0.7**	0.04	0.09	1346	28.1	95.1	**71.6**	5.50	7.97	*C50*
Vulva							41	0.9	2.9	**1.8**	0.10	0.17	*C51*
Vagina							6	0.1	0.4	**0.3**	0.02	0.03	*C52*
Cervix uteri							92	1.9	6.5	**4.8**	0.34	0.53	*C53*
Corpus uteri							234	4.9	16.5	**11.6**	0.83	1.48	*C54*
Uterus unspecified							13	0.3	0.9	**0.6**	0.03	0.07	*C55*
Ovary							131	2.7	9.3	**6.9**	0.50	0.76	*C56*
Other female genital organs							3	0.1	0.2	**0.2**	0.01	0.02	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	18	0.3	1.3	**1.0**	0.06	0.12							*C60*
Prostate	693	11.4	51.0	**37.5**	1.40	4.95							*C61*
Testis	90	1.5	6.6	**5.8**	0.42	0.43							*C62*
Other male genital organs	2	0.0	0.1	**0.2**	0.01	0.01							*C63*
Kidney	121	2.0	8.9	**7.1**	0.52	0.88	84	1.8	5.9	**4.2**	0.25	0.50	*C64*
Renal pelvis	12	0.2	0.9	**0.7**	0.05	0.09	6	0.1	0.4	**0.3**	0.03	0.03	*C65*
Ureter	14	0.2	1.0	**0.8**	0.03	0.11	5	0.1	0.4	**0.2**	0.01	0.02	*C66*
†Bladder	869	14.3	63.9	**48.5**	2.36	6.17	147	3.1	10.4	**6.8**	0.35	0.81	*C67*
Other urinary organs	2	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	17	0.3	1.3	**1.3**	0.08	0.11	15	0.3	1.1	**0.9**	0.07	0.07	*C69*
Brain, nervous system	106	1.7	7.8	**6.9**	0.41	0.66	103	2.1	7.3	**5.7**	0.34	0.57	*C70-72*
Thyroid	91	1.5	6.7	**5.5**	0.42	0.56	217	4.5	15.3	**12.9**	1.02	1.19	*C73*
Adrenal gland	14	0.2	1.0	**1.5**	0.07	0.07	7	0.1	0.5	**0.6**	0.03	0.04	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.00	0.00	4	0.1	0.3	**0.3**	0.02	0.02	*C75*
Hodgkin lymphoma	52	0.9	3.8	**3.6**	0.22	0.28	55	1.1	3.9	**3.6**	0.25	0.27	*C81*
Non-Hodgkin lymphoma	204	3.4	15.0	**12.4**	0.76	1.39	222	4.6	15.7	**10.9**	0.63	1.15	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.1	**0.1**	0.00	0.01	3	0.1	0.2	**0.2**	0.01	0.02	*C88*
Multiple myeloma	79	1.3	5.8	**4.4**	0.20	0.54	69	1.4	4.9	**3.1**	0.15	0.37	*C90*
Lymphoid leukaemia	66	1.1	4.9	**4.7**	0.29	0.40	42	0.9	3.0	**2.9**	0.17	0.23	*C91*
Myeloid leukaemia	75	1.2	5.5	**4.4**	0.25	0.48	63	1.3	4.5	**3.3**	0.19	0.32	*C92-94*
Leukaemia unspecified	16	0.3	1.2	**0.9**	0.04	0.09	18	0.4	1.3	**0.9**	0.04	0.08	*C95*
Myeloproliferative disorders	63	1.0	4.6	**3.7**	0.29	0.43	34	0.7	2.4	**1.9**	0.13	0.22	*MPD*
Myelodysplastic syndromes	22	0.4	1.6	**1.2**	0.05	0.16	28	0.6	2.0	**1.1**	0.01	0.14	*MDS*
Other and unspecified	141	2.3	10.4	**7.8**	0.32	0.82	152	3.2	10.7	**6.0**	0.23	0.65	*O&U*
All sites	6674		491.1	**379.8**	20.00	45.90	5205		367.8	**258.3**	16.71	28.46	*C00-96*
All sites except C44	6075	100.0	447.0	**347.1**	18.47	42.17	4793	100.0	338.7	**239.7**	15.70	26.43	*C00-96 exc. C44*

† See note following population pyramid

Italy, Nuoro

REGISTRATION AREA

The Nuoro Cancer Registry covers the province of Nuoro in the central-eastern part of the autonomous region of Sardinia in Italy. Due to administrative changes, the provincial population has been reduced from 263 000 to 220 000 since 2006. The province's economy is based on farming, trade, the construction industry, and tourism.

CANCER CARE FACILITIES

Cancer care is provided by five hospitals (including the Hospital of Nuoro), with about 500 beds. All the main surgical and medical specialities are available, including haematology-oncology and radiotherapy services. Many clinics are located throughout the districts of the province. Cancer service providers are part of the regional cancer network.

REGISTRY STRUCTURE AND METHODS

The registry is funded by the local health authority (ASL Nuoro) and also has a partnership with the local health authority of Lanusei. The staff consists of six physicians and a health care technician. The registry has collected all cancer cases in the province since 2003, although the relatively high number of cancer patients hospitalized outside the province creates many problems with case finding. The registry has full access to all records of patients residing in the province and to hospitals' pathology reports. It also receives records from the local mortality registry. Each registry case file is enriched with data required for complete definition. All data are stored digitally in compliance with Italian privacy law. Completeness and accuracy are evaluated, and duplicate and quality control checks are run periodically.

INTERPRETING THE RESULTS

Liver cancer is relatively common in the registration area, which may be due to the prevalence of infection with hepatitis B and C viruses and the heavy alcohol consumption in the province.

USE OF THE DATA

The registry is part of the Italian network of cancer registries (AIRTUM) and submits data to the Italian Cancer Registries database. It also publishes periodic reports on incidence, mortality, and survival, and participates in clinical and analytical epidemiological studies.

CONTRIBUTORS

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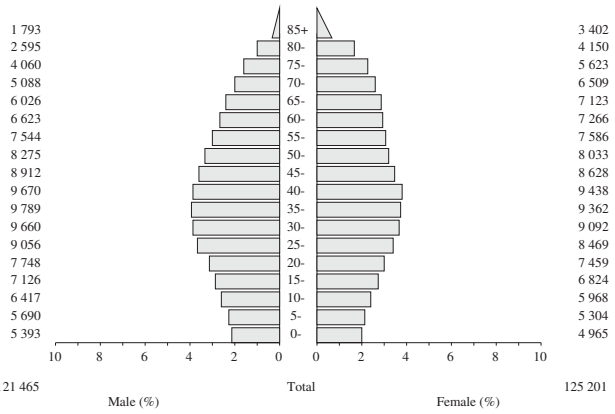
Italy, Nuoro (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	50.7	Breast	66.2
Prostate	41.2	Non-melanoma skin cancer	34.4
Trachea, bronchus and lung	39.2	Thyroid	24.6
Colon	22.7	Colon	13.6
Liver	19.8	Corpus uteri	10.9
Rectum	14.8	Non-Hodgkin lymphoma	10.5
Non-Hodgkin lymphoma	12.9	Rectum	8.0
Stomach	10.4	Ovary	6.7
Pancreas	9.8	Trachea, bronchus and lung	6.1
Bladder	9.6	Pancreas	5.3
All sites	327.2	All sites	243.1

Italy, Nuoro (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	12	0.4	2.0	**0.9**	0.05	0.11	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	27	0.9	4.4	**3.0**	0.27	0.33	8	0.3	1.3	**0.7**	0.06	0.08	*C01-02*
Mouth	31	1.0	5.1	**3.0**	0.23	0.32	12	0.5	1.9	**1.0**	0.09	0.09	*C03-06*
Salivary glands	6	0.2	1.0	**0.7**	0.05	0.05	5	0.2	0.8	**0.4**	0.02	0.05	*C07-08*
Tonsil	16	0.5	2.6	**1.6**	0.12	0.23	1	0.0	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	15	0.5	2.5	**1.7**	0.16	0.19	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	5	0.2	0.8	**0.6**	0.05	0.07	4	0.2	0.6	**0.4**	0.04	0.04	*C11*
Hypopharynx	39	1.3	6.4	**4.3**	0.38	0.52	3	0.1	0.5	**0.3**	0.02	0.02	*C12-13*
Pharynx unspecified	7	0.2	1.2	**0.8**	0.07	0.10	2	0.1	0.3	**0.1**	0.00	0.00	*C14*
Oesophagus	51	1.6	8.4	**5.0**	0.35	0.65	8	0.3	1.3	**0.5**	0.03	0.07	*C15*
Stomach	136	4.4	22.4	**10.4**	0.39	1.19	99	4.0	15.8	**5.3**	0.17	0.57	*C16*
Small intestine	9	0.3	1.5	**0.8**	0.05	0.05	5	0.2	0.8	**0.1**	0.00	0.00	*C17*
Colon	271	8.8	44.6	**22.7**	1.17	2.74	193	7.7	30.8	**13.6**	0.80	1.61	*C18*
Rectum	176	5.7	29.0	**14.8**	0.79	1.85	102	4.1	16.3	**8.0**	0.52	0.90	*C19-20*
Anus	4	0.1	0.7	**0.4**	0.04	0.04	7	0.3	1.1	**0.4**	0.01	0.04	*C21*
Liver	231	7.5	38.0	**19.8**	0.94	2.57	84	3.4	13.4	**4.8**	0.16	0.60	*C22*
Gallbladder etc.	42	1.4	6.9	**3.2**	0.09	0.37	51	2.0	8.1	**2.9**	0.15	0.29	*C23-24*
Pancreas	110	3.6	18.1	**9.8**	0.51	1.29	94	3.8	15.0	**5.3**	0.17	0.66	*C25*
Nose, sinuses etc.	7	0.2	1.2	**0.6**	0.03	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	69	2.2	11.4	**6.7**	0.44	0.88	6	0.2	1.0	**0.5**	0.05	0.05	*C32*
Trachea, bronchus and lung	454	14.7	74.8	**39.2**	2.20	4.97	79	3.2	12.6	**6.1**	0.35	0.80	*C33-34*
Other thoracic organs	1	0.0	0.2	**0.1**	0.00	0.02	1	0.0	0.2	**0.1**	0.00	0.02	*C37-38*
Bone	4	0.1	0.7	**0.3**	0.01	0.01	7	0.3	1.1	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	22	0.7	3.6	**2.3**	0.16	0.29	26	1.0	4.2	**2.7**	0.21	0.27	*C43*
Other skin	609		100.3	**50.7**	2.70	5.93	510		81.5	**34.4**	1.96	3.77	*C44*
Mesothelioma	7	0.2	1.2	**0.7**	0.05	0.09	1	0.0	0.2	**0.1**	0.00	0.02	*C45*
Kaposi sarcoma	12	0.4	2.0	**0.9**	0.03	0.12	6	0.2	1.0	**0.3**	0.00	0.06	*C46*
Connective and soft tissue	8	0.3	1.3	**0.7**	0.04	0.09	12	0.5	1.9	**1.3**	0.08	0.10	*C47+C49*
Breast	10	0.3	1.6	**0.8**	0.07	0.07	724	29.0	115.7	**66.2**	5.00	7.38	*C50*
Vulva							8	0.3	1.3	**0.6**	0.04	0.07	*C51*
Vagina							2	0.1	0.3	**0.1**	0.00	0.02	*C52*
Cervix uteri							21	0.8	3.4	**2.0**	0.16	0.20	*C53*
Corpus uteri							141	5.6	22.5	**10.9**	0.73	1.40	*C54*
Uterus unspecified							13	0.5	2.1	**0.8**	0.04	0.08	*C55*
Ovary							90	3.6	14.4	**6.7**	0.43	0.80	*C56*
Other female genital organs							5	0.2	0.8	**0.5**	0.02	0.05	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	9	0.3	1.5	**1.0**	0.05	0.14							*C60*
Prostate	501	16.2	82.5	**41.2**	1.45	5.82							*C61*
Testis	28	0.9	4.6	**4.5**	0.33	0.33							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	91	2.9	15.0	**9.0**	0.63	1.11	41	1.6	6.5	**3.7**	0.25	0.43	*C64*
Renal pelvis	9	0.3	1.5	**0.6**	0.02	0.07	1	0.0	0.2	**0.0**	0.00	0.00	*C65*
Ureter	4	0.1	0.7	**0.2**	0.00	0.02	1	0.0	0.2	**0.0**	0.00	0.00	*C66*
Bladder	127	4.1	20.9	**9.6**	0.37	1.12	18	0.7	2.9	**0.7**	0.00	0.06	*C67*
Other urinary organs	3	0.1	0.5	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	3	0.1	0.5	**0.4**	0.03	0.04	3	0.1	0.5	**0.7**	0.03	0.05	*C69*
Brain, nervous system	48	1.6	7.9	**6.0**	0.42	0.61	44	1.8	7.0	**3.9**	0.27	0.47	*C70-72*
Thyroid	53	1.7	8.7	**6.1**	0.49	0.62	203	8.1	32.4	**24.6**	2.02	2.34	*C73*
Adrenal gland	2	0.1	0.3	**0.5**	0.02	0.04	3	0.1	0.5	**1.0**	0.04	0.04	*C74*
Other endocrine	5	0.2	0.8	**0.6**	0.03	0.09	1	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	33	1.1	5.4	**5.5**	0.39	0.43	26	1.0	4.2	**4.2**	0.27	0.29	*C81*
Non-Hodgkin lymphoma	133	4.3	21.9	**12.9**	0.71	1.38	126	5.0	20.1	**10.5**	0.72	1.21	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.2	**0.1**	0.02	0.02	1	0.0	0.2	**0.0**	0.00	0.00	*C88*
Multiple myeloma	34	1.1	5.6	**2.6**	0.10	0.28	37	1.5	5.9	**2.7**	0.17	0.36	*C90*
Lymphoid leukaemia	58	1.9	9.6	**6.1**	0.26	0.64	33	1.3	5.3	**3.8**	0.20	0.38	*C91*
Myeloid leukaemia	42	1.4	6.9	**3.3**	0.10	0.35	26	1.0	4.2	**1.4**	0.04	0.14	*C92-94*
Leukaemia unspecified	3	0.1	0.5	**0.3**	0.01	0.03	3	0.1	0.5	**0.3**	0.02	0.02	*C95*
Myeloproliferative disorders	36	1.2	5.9	**3.1**	0.15	0.41	32	1.3	5.1	**2.4**	0.13	0.27	*MPD*
Myelodysplastic syndromes	35	1.1	5.8	**2.3**	0.07	0.23	17	0.7	2.7	**1.0**	0.04	0.13	*MDS*
Other and unspecified	54	1.7	8.9	**4.2**	0.21	0.46	64	2.6	10.2	**3.9**	0.17	0.44	*O&U*
All sites	3703		609.7	**327.2**	17.26	39.44	3010		480.8	**243.1**	15.77	26.81	*C00-96*
All sites except C44	3094	100.0	509.5	**276.5**	14.56	33.51	2500	100.0	399.4	**208.7**	13.81	23.04	*C00-96 exc. C44*

Italy, Palermo

REGISTRATION AREA

The Palermo Province Cancer Registry (PPCR) covers the province of Palermo in the north-western part of the autonomous region of Sicily in Italy. The province has a population of 1.2 million and an area of 4992 km^2 (resulting in a population density of 248.1 residents/km^2). Trade and service activities are mainly carried out in the metropolitan area of the city of Palermo, which is the provincial capital. Farming and fishing are prevalent throughout the rest of the province. Shipbuilding is an important industry. The population is stable and young; 17% of residents are aged more than 65 years. Most of the population is Caucasian, and Catholicism is the prevalent religion.

CANCER CARE FACILITIES

Health care services are provided by 14 district hospitals, 11 other hospitals, and 12 private clinics, located predominantly in the city of Palermo and including three oncology departments, three radiotherapy departments, and one haematology service with a transplant unit.

REGISTRY STRUCTURE AND METHODS

The registry was established in 2003 by the Sicilian government. Its staff consists of a director, an epidemiologist, seven registrars, three statisticians, and three clerks. The registry is part of the regional health information system and is subject to the relevant privacy legislation. The main sources of information are discharge diagnoses, pathology records, and death certificates. Additional information is obtained from medical records and general practitioners. Data collection is both active and passive.

INTERPRETING THE RESULTS

Because cancer care facilities are available locally, few residents travel to receive treatment elsewhere. The quality of the registry data is periodically verified using IARC tools and software developed by the Italian network of cancer registries (AIRTUM). Incidence rates are similar to those in other areas of southern Italy, with relatively high rates of liver and thyroid cancers. A breast cancer screening programme was started in 2004.

USE OF THE DATA

Registry data are used to survey cancer incidence throughout the registration area, to inform local cancer control strategies, and for the evaluation of health services.

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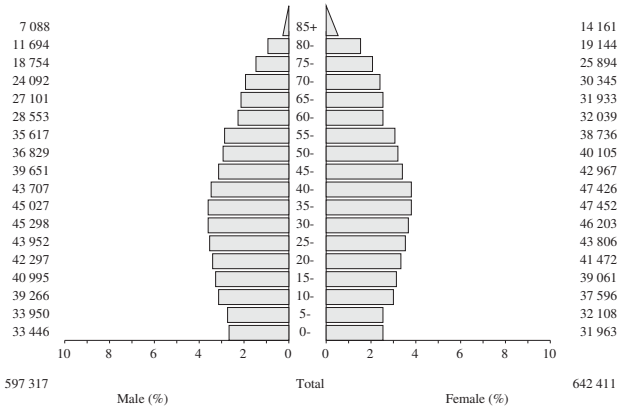
Italy, Palermo (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	53.8	Breast	66.3
Trachea, bronchus and lung	43.4	Non-melanoma skin cancer	26.9
Prostate	40.7	Thyroid	16.8
Bladder	40.3	Colon	16.5
Colon	22.4	Corpus uteri	11.6
Liver	14.8	Trachea, bronchus and lung	8.8
Rectum	11.2	Ovary	8.8
Non-Hodgkin lymphoma	10.2	Rectum	7.6
Stomach	9.2	Non-Hodgkin lymphoma	7.6
Kidney	7.2	Liver	5.9
All sites	339.5	All sites	245.0

Italy, Palermo (2003-2006)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	49	0.4	2.1	**1.1**	0.06	0.15	8	0.1	0.3	**0.1**	0.00	0.02	*C00*
Tongue	47	0.4	2.0	**1.3**	0.09	0.14	45	0.5	1.8	**1.0**	0.06	0.10	*C01-02*
Mouth	49	0.4	2.1	**1.2**	0.07	0.16	38	0.4	1.5	**0.7**	0.05	0.08	*C03-06*
Salivary glands	20	0.2	0.8	**0.5**	0.03	0.04	21	0.2	0.8	**0.5**	0.04	0.05	*C07-08*
Tonsil	13	0.1	0.5	**0.4**	0.02	0.05	7	0.1	0.3	**0.2**	0.01	0.02	*C09*
Other oropharynx	17	0.1	0.7	**0.5**	0.03	0.06	4	0.0	0.2	**0.0**	0.00	0.00	*C10*
Nasopharynx	56	0.5	2.3	**1.8**	0.14	0.20	17	0.2	0.7	**0.6**	0.04	0.05	*C11*
Hypopharynx	22	0.2	0.9	**0.7**	0.05	0.09	4	0.0	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	7	0.1	0.3	**0.1**	0.01	0.02	3	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	58	0.5	2.4	**1.4**	0.09	0.17	28	0.3	1.1	**0.5**	0.03	0.06	*C15*
Stomach	415	3.5	17.4	**9.2**	0.41	1.08	276	2.8	10.7	**4.5**	0.22	0.46	*C16*
Small intestine	42	0.4	1.8	**1.0**	0.06	0.12	30	0.3	1.2	**0.5**	0.02	0.06	*C17*
Colon	1011	8.5	42.3	**22.4**	0.99	2.79	952	9.6	37.0	**16.5**	0.83	1.94	*C18*
Rectum	477	4.0	20.0	**11.2**	0.60	1.41	397	4.0	15.4	**7.6**	0.44	0.93	*C19-20*
Anus	27	0.2	1.1	**0.7**	0.04	0.08	24	0.2	0.9	**0.5**	0.04	0.05	*C21*
Liver	622	5.2	26.0	**14.8**	0.82	1.87	349	3.5	13.6	**5.9**	0.21	0.77	*C22*
Gallbladder etc.	159	1.3	6.7	**3.5**	0.19	0.37	232	2.3	9.0	**3.8**	0.15	0.46	*C23-24*
Pancreas	295	2.5	12.3	**6.8**	0.34	0.86	285	2.9	11.1	**4.9**	0.23	0.59	*C25*
Nose, sinuses etc.	23	0.2	1.0	**0.6**	0.05	0.07	10	0.1	0.4	**0.2**	0.02	0.02	*C30-31*
Larynx	279	2.4	11.7	**7.1**	0.47	0.86	41	0.4	1.6	**0.9**	0.06	0.10	*C32*
Trachea, bronchus and lung	1840	15.5	77.0	**43.4**	2.28	5.63	439	4.4	17.1	**8.8**	0.58	1.07	*C33-34*
Other thoracic organs	29	0.2	1.2	**0.7**	0.04	0.07	23	0.2	0.9	**0.6**	0.04	0.05	*C37-38*
Bone	22	0.2	0.9	**0.8**	0.05	0.06	23	0.2	0.9	**0.7**	0.05	0.05	*C40-41*
Melanoma of skin	177	1.5	7.4	**5.0**	0.36	0.56	173	1.7	6.7	**4.8**	0.35	0.47	*C43*
Other skin	2340		97.9	**53.8**	2.70	6.35	1353		52.7	**26.9**	1.66	3.01	*C44*
Mesothelioma	68	0.6	2.8	**1.7**	0.10	0.21	18	0.2	0.7	**0.4**	0.03	0.06	*C45*
Kaposi sarcoma	36	0.3	1.5	**0.8**	0.04	0.11	13	0.1	0.5	**0.2**	0.00	0.02	*C46*
Connective and soft tissue	67	0.6	2.8	**2.3**	0.15	0.20	50	0.5	1.9	**1.7**	0.11	0.14	*C47+C49*
Breast	33	0.3	1.4	**0.9**	0.05	0.09	2748	27.7	106.9	**66.3**	4.96	7.46	*C50*
Vulva							78	0.8	3.0	**1.4**	0.05	0.18	*C51*
Vagina							17	0.2	0.7	**0.3**	0.02	0.03	*C52*
Cervix uteri							189	1.9	7.4	**4.8**	0.38	0.52	*C53*
Corpus uteri							514	5.2	20.0	**11.6**	0.84	1.47	*C54*
Uterus unspecified							29	0.3	1.1	**0.5**	0.03	0.04	*C55*
Ovary							360	3.6	14.0	**8.8**	0.66	0.98	*C56*
Other female genital organs							21	0.2	0.8	**0.5**	0.03	0.06	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	38	0.3	1.6	**1.0**	0.06	0.13							*C60*
Prostate	1934	16.3	80.9	**40.7**	1.43	5.22							*C61*
Testis	127	1.1	5.3	**5.0**	0.36	0.37							*C62*
Other male genital organs	9	0.1	0.4	**0.2**	0.02	0.02							*C63*
Kidney	265	2.2	11.1	**7.2**	0.50	0.87	165	1.7	6.4	**3.9**	0.24	0.43	*C64*
Renal pelvis	37	0.3	1.5	**0.9**	0.04	0.12	16	0.2	0.6	**0.3**	0.02	0.04	*C65*
Ureter	17	0.1	0.7	**0.4**	0.03	0.05	9	0.1	0.4	**0.1**	0.00	0.02	*C66*
†Bladder	1737	14.6	72.7	**40.3**	2.04	4.95	308	3.1	12.0	**5.2**	0.25	0.63	*C67*
Other urinary organs	17	0.1	0.7	**0.4**	0.02	0.03	2	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	12	0.1	0.5	**0.4**	0.02	0.04	19	0.2	0.7	**0.6**	0.04	0.05	*C69*
Brain, nervous system	207	1.7	8.7	**6.4**	0.42	0.68	160	1.6	6.2	**4.4**	0.30	0.44	*C70-72*
Thyroid	146	1.2	6.1	**4.6**	0.35	0.46	540	5.5	21.0	**16.8**	1.38	1.61	*C73*
Adrenal gland	14	0.1	0.6	**0.6**	0.03	0.05	15	0.2	0.6	**0.6**	0.03	0.05	*C74*
Other endocrine	4	0.0	0.2	**0.2**	0.01	0.01	3	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	80	0.7	3.3	**3.0**	0.21	0.24	58	0.6	2.3	**2.0**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	363	3.1	15.2	**10.2**	0.69	1.09	324	3.3	12.6	**7.6**	0.51	0.85	*C82-85,C96*
Immunoproliferative diseases	5	0.0	0.2	**0.1**	0.00	0.01	4	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	145	1.2	6.1	**3.3**	0.15	0.40	138	1.4	5.4	**2.5**	0.13	0.33	*C90*
Lymphoid leukaemia	149	1.3	6.2	**4.4**	0.24	0.43	73	0.7	2.8	**2.1**	0.11	0.19	*C91*
Myeloid leukaemia	112	0.9	4.7	**3.0**	0.18	0.31	123	1.2	4.8	**3.1**	0.19	0.31	*C92-94*
Leukaemia unspecified	81	0.7	3.4	**1.9**	0.08	0.15	73	0.7	2.8	**1.2**	0.05	0.11	*C95*
Myeloproliferative disorders	99	0.8	4.1	**2.7**	0.18	0.28	83	0.8	3.2	**2.1**	0.15	0.22	*MPD*
Myelodysplastic syndromes	50	0.4	2.1	**1.1**	0.05	0.13	30	0.3	1.2	**0.6**	0.03	0.07	*MDS*
Other and unspecified	257	2.2	10.8	**5.6**	0.26	0.60	297	3.0	11.6	**4.6**	0.18	0.53	*O&U*
All sites	14205		594.5	**339.5**	17.70	40.48	11260		438.2	**245.0**	15.98	27.41	*C00-96*
All sites except C44	11865	100.0	496.6	**285.7**	15.00	34.14	9907	100.0	385.5	**218.1**	14.32	24.40	*C00-96 exc. C44*

† See note following population pyramid

Italy, Parma

REGISTRATION AREA

The Parma Cancer Registry (PCR) covers the province of Parma in the Emilia-Romagna region of northern Italy. The province has an area of 34 449 km^2 and is divided into 47 municipalities. The largest municipality and the provincial capital is the city of Parma. In 2003, the population of the province was 397 000, but has since grown rapidly, with the proportion of foreign residents increasing from 4.8% to 8.1%, with most coming from the Republic of Moldova, Albania, Romania, Morocco, and Tunisia. In 2008, the employment rate was 71.1%. About 58% of employed residents work in the service sector, 38.5% in the industrial sector, and 3.5% in agriculture.

CANCER CARE FACILITIES

There is one large general university hospital, two small public hospitals, and three private hospitals. The university hospital has oncology, radiotherapy, haematology, paediatric oncology, and pathology departments.

REGISTRY STRUCTURE AND METHODS

The PCR was founded in 1976 and started official registration activity in 1978. It is located within the medical oncology division of the province's general university hospital. The staff consists of an oncologist (the registry director), a statistician, and a full-time biologist. The registry has direct access to public pathology records, and private hospitals submit electronic data annually. For hospital discharges that occur outside the province, diagnosis data are obtained through an official request to the department's director. Vital status is easily followed up through direct access to the local health authority's electronic database. Data collection is both active and passive. Personally identifiable information is protected in compliance with Italian law. Regular maintenance is carried out on the electronic database.

INTERPRETING THE RESULTS

There are three screening programmes in the province. Screening was initiated for breast cancer in 1997 (among women aged 50–69 years), for cervical cancer in 1998 (among women aged 24–67 years), and for colorectal cancer in 2005 (among residents aged 50–69 years).

USE OF THE DATA

The PCR collaborates with the Italian network of cancer registries (AIRTUM) and local health authorities on various research projects and epidemiological studies.

CONTRIBUTORS

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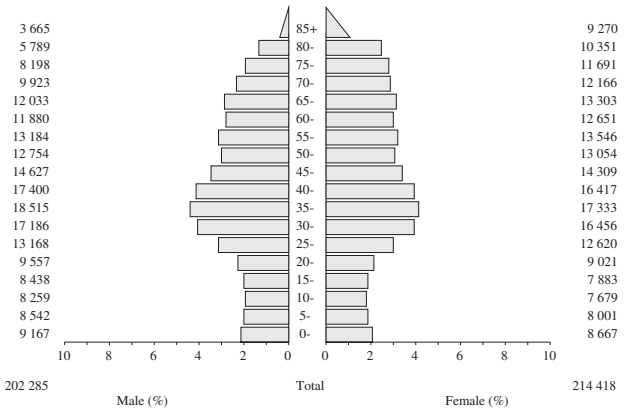
Italy, Parma (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	61.1	Breast	95.0
Trachea, bronchus and lung	43.8	Thyroid	24.6
Colon	34.0	Colon	21.4
Bladder	30.5	Non-melanoma skin cancer	16.6
Non-melanoma skin cancer	26.0	Corpus uteri	16.0
Liver	21.2	Trachea, bronchus and lung	14.5
Stomach	18.1	Melanoma of skin	13.9
Non-Hodgkin lymphoma	13.8	Non-Hodgkin lymphoma	11.0
Rectum	12.7	Stomach	9.6
Kidney	12.5	Ovary	9.3
All sites	383.7	All sites	314.2

Italy, Parma (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	4	0.0	0.4	**0.2**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	43	0.5	4.3	**2.4**	0.20	0.27	18	0.2	1.7	**0.8**	0.04	0.10	*C01-02*
Mouth	41	0.5	4.1	**1.9**	0.13	0.24	28	0.4	2.6	**1.2**	0.10	0.14	*C03-06*
Salivary glands	16	0.2	1.6	**0.8**	0.05	0.08	11	0.2	1.0	**0.3**	0.01	0.03	*C07-08*
Tonsil	27	0.3	2.7	**1.6**	0.11	0.21	7	0.1	0.7	**0.4**	0.04	0.04	*C09*
Other oropharynx	7	0.1	0.7	**0.4**	0.02	0.05	2	0.0	0.2	**0.1**	0.02	0.02	*C10*
Nasopharynx	11	0.1	1.1	**0.5**	0.02	0.06	6	0.1	0.6	**0.3**	0.03	0.03	*C11*
Hypopharynx	18	0.2	1.8	**0.9**	0.06	0.14	3	0.0	0.3	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	4	0.0	0.4	**0.2**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	73	0.9	7.2	**3.2**	0.18	0.38	25	0.3	2.3	**0.9**	0.05	0.11	*C15*
Stomach	487	6.1	48.1	**18.1**	0.76	1.96	382	5.2	35.6	**9.6**	0.39	0.99	*C16*
Small intestine	39	0.5	3.9	**1.6**	0.06	0.21	30	0.4	2.8	**0.9**	0.05	0.11	*C17*
Colon	811	10.1	80.2	**34.0**	1.66	4.16	655	9.0	61.1	**21.4**	1.22	2.54	*C18*
Rectum	295	3.7	29.2	**12.7**	0.71	1.55	195	2.7	18.2	**6.3**	0.37	0.74	*C19-20*
Anus	12	0.1	1.2	**0.6**	0.04	0.07	17	0.2	1.6	**0.6**	0.04	0.07	*C21*
Liver	479	6.0	47.4	**21.2**	1.04	2.57	286	3.9	26.7	**7.6**	0.24	0.93	*C22*
Gallbladder etc.	85	1.1	8.4	**3.1**	0.11	0.33	115	1.6	10.7	**2.8**	0.12	0.32	*C23-24*
Pancreas	270	3.4	26.7	**11.0**	0.43	1.38	303	4.2	28.3	**8.0**	0.32	0.91	*C25*
Nose, sinuses etc.	6	0.1	0.6	**0.2**	0.00	0.02	5	0.1	0.5	**0.1**	0.01	0.02	*C30-31*
Larynx	141	1.8	13.9	**6.8**	0.48	0.88	18	0.2	1.7	**0.8**	0.08	0.09	*C32*
Trachea, bronchus and lung	1084	13.5	107.2	**43.8**	1.88	5.46	420	5.8	39.2	**14.5**	0.84	1.75	*C33-34*
Other thoracic organs	13	0.2	1.3	**0.7**	0.05	0.06	8	0.1	0.7	**0.1**	0.00	0.01	*C37-38*
Bone	16	0.2	1.6	**1.6**	0.10	0.12	11	0.2	1.0	**0.5**	0.03	0.05	*C40-41*
Melanoma of skin	185	2.3	18.3	**10.7**	0.77	1.13	209	2.9	19.5	**13.9**	1.09	1.25	*C43*
Other skin	678		67.0	**26.0**	1.02	2.81	519		48.4	**16.6**	0.98	1.70	*C44*
Mesothelioma	42	0.5	4.2	**1.7**	0.07	0.21	33	0.5	3.1	**1.3**	0.05	0.20	*C45*
Kaposi sarcoma	18	0.2	1.8	**1.0**	0.08	0.10	1	0.0	0.1	**0.0**	0.00	0.01	*C46*
Connective and soft tissue	38	0.5	3.8	**2.2**	0.13	0.20	49	0.7	4.6	**2.7**	0.20	0.24	*C47+C49*
Breast	16	0.2	1.6	**0.5**	0.02	0.06	1960	26.9	182.8	**95.0**	7.25	10.49	*C50*
Vulva							30	0.4	2.8	**0.8**	0.01	0.10	*C51*
Vagina							7	0.1	0.7	**0.3**	0.01	0.04	*C52*
Cervix uteri							84	1.2	7.8	**4.2**	0.33	0.42	*C53*
Corpus uteri							368	5.0	34.3	**16.0**	1.13	1.92	*C54*
Uterus unspecified							7	0.1	0.7	**0.2**	0.01	0.02	*C55*
Ovary							217	3.0	20.2	**9.3**	0.61	1.04	*C56*
Other female genital organs							1	0.0	0.1	**0.0**	0.00	0.00	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	11	0.1	1.1	**0.6**	0.03	0.06							*C60*
Prostate	1436	17.9	142.0	**61.1**	2.67	8.31							*C61*
Testis	67	0.8	6.6	**5.7**	0.42	0.46							*C62*
Other male genital organs	3	0.0	0.3	**0.2**	0.02	0.02							*C63*
Kidney	259	3.2	25.6	**12.5**	0.84	1.48	149	2.0	13.9	**5.9**	0.32	0.67	*C64*
Renal pelvis	22	0.3	2.2	**0.9**	0.05	0.12	17	0.2	1.6	**0.7**	0.04	0.09	*C65*
Ureter	9	0.1	0.9	**0.5**	0.02	0.07	7	0.1	0.7	**0.1**	0.01	0.01	*C66*
†Bladder	730	9.1	72.2	**30.5**	1.45	3.69	194	2.7	18.1	**5.7**	0.29	0.68	*C67*
Other urinary organs	4	0.0	0.4	**0.1**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	6	0.1	0.6	**0.4**	0.02	0.05	6	0.1	0.6	**0.5**	0.02	0.04	*C69*
Brain, nervous system	116	1.4	11.5	**6.6**	0.41	0.74	122	1.7	11.4	**6.8**	0.41	0.58	*C70-72*
Thyroid	119	1.5	11.8	**8.2**	0.63	0.86	373	5.1	34.8	**24.6**	2.00	2.49	*C73*
Adrenal gland	7	0.1	0.7	**1.1**	0.06	0.06	8	0.1	0.7	**1.0**	0.05	0.05	*C74*
Other endocrine	6	0.1	0.6	**0.7**	0.05	0.05	3	0.0	0.3	**0.1**	0.01	0.02	*C75*
Hodgkin lymphoma	46	0.6	4.5	**4.1**	0.29	0.34	35	0.5	3.3	**3.2**	0.23	0.25	*C81*
Non-Hodgkin lymphoma	277	3.5	27.4	**13.8**	0.79	1.48	279	3.8	26.0	**11.0**	0.62	1.29	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.2	**0.0**	0.00	0.00	*C88*
Multiple myeloma	108	1.3	10.7	**4.5**	0.20	0.51	134	1.8	12.5	**3.6**	0.18	0.41	*C90*
Lymphoid leukaemia	95	1.2	9.4	**4.3**	0.22	0.42	58	0.8	5.4	**2.9**	0.14	0.23	*C91*
Myeloid leukaemia	109	1.4	10.8	**5.8**	0.31	0.57	95	1.3	8.9	**2.9**	0.15	0.33	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	5	0.1	0.5	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	91	1.1	9.0	**4.3**	0.21	0.46	43	0.6	4.0	**1.2**	0.05	0.12	*MPD*
Myelodysplastic syndromes	43	0.5	4.3	**1.5**	0.05	0.17	54	0.7	5.0	**1.2**	0.04	0.08	*MDS*
Other and unspecified	179	2.2	17.7	**6.7**	0.24	0.70	192	2.6	17.9	**4.8**	0.22	0.49	*O&U*
All sites	8703		860.5	**383.7**	19.21	45.37	7808		728.3	**314.2**	20.46	34.25	*C00-96*
All sites except C44	8025	100.0	793.4	**357.7**	18.19	42.56	7289	100.0	679.9	**297.7**	19.47	32.55	*C00-96 exc. C44*

† See note following population pyramid

Italy, Ragusa

REGISTRATION AREA

The Ragusa Cancer Registry (RCR) covers the province of Ragusa, a rural area in the south-eastern part of the autonomous region of Sicily in Italy. The population is 310 000. The proportion of immigrants (mainly from northern Africa) has increased to about 5%.

CANCER CARE FACILITIES

Cancer care is provided by one large hospital and one local health authority, which includes four small public hospitals, one private hospital, and 350 general practitioners. There are three public imaging facilities, two public surgical pathology laboratories, one oncology department, and one radiotherapy unit.

REGISTRY STRUCTURE AND METHODS

The registry is permanently staffed by a half-time medical pathologist (the registry director) and a full-time social worker. The non-permanent staff consists of 11 collaborators who perform active case finding and registration, and one who serves as an administrative clerk. The RCR is responsible for mesothelioma registration throughout Sicily. The registry is funded by the Sicilian government and AIRE-ONLUS Ragusa.

INTERPRETING THE RESULTS

Compared with earlier years, a larger proportion of patients received surgical treatment in nearby hospitals during this reporting period; this caused some delay in case finding, but extra work and capture–recapture procedures have been implemented to ensure completeness. Overall, cancer incidence in Ragusa, with its Mediterranean lifestyle and unpolluted environment, is lower than that in northern Italy. Survival has increased for almost all cancer, despite the lack of organized population-based screening programmes. The increased prostate cancer incidence is associated with an increase in prostate-specific antigen (PSA) testing. Despite recent improvements (due to increased numbers of care facilities, new drugs, and increased awareness), a notable survival gap compared with northern Italy persists.

USE OF THE DATA

RCR data are included in data published by the Italian network of cancer registries (AIRTUM), and the RCR is a collaborating centre for studies such as the European Prospective Investigation into Cancer and Nutrition (EPIC), EUROCARE, and CONCORD.

CONTRIBUTORS

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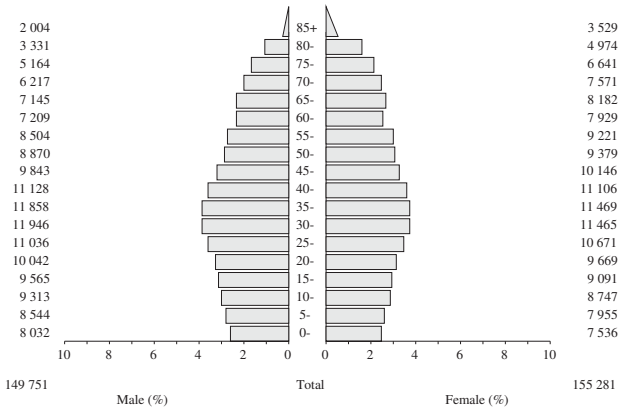
Italy, Ragusa (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	71.0	Breast	65.0
Prostate	43.4	Non-melanoma skin cancer	34.7
Trachea, bronchus and lung	37.0	Thyroid	20.4
Bladder	32.1	Colon	16.1
Colon	20.6	Corpus uteri	13.1
Liver	13.4	Ovary	9.8
Rectum	12.6	Rectum	7.6
Non-Hodgkin lymphoma	11.7	Pancreas	6.1
Stomach	8.6	Non-Hodgkin lymphoma	6.1
Brain, nervous system	8.0	Trachea, bronchus and lung	5.9
All sites	347.2	All sites	255.9

Italy, Ragusa (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	9	0.2	1.2	**0.6**	0.04	0.07	1	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	13	0.3	1.7	**1.1**	0.07	0.15	6	0.2	0.8	**0.3**	0.01	0.02	*C01-02*
Mouth	19	0.5	2.5	**1.7**	0.12	0.20	15	0.5	1.9	**1.3**	0.07	0.12	*C03-06*
Salivary glands	12	0.3	1.6	**0.9**	0.05	0.09	5	0.2	0.6	**0.3**	0.02	0.02	*C07-08*
Tonsil	4	0.1	0.5	**0.3**	0.02	0.04	1	0.0	0.1	**0.0**	0.00	0.00	*C09*
Other oropharynx	2	0.1	0.3	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	12	0.3	1.6	**1.1**	0.09	0.11	4	0.1	0.5	**0.4**	0.04	0.04	*C11*
Hypopharynx	4	0.1	0.5	**0.4**	0.02	0.03	1	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	2	0.1	0.3	**0.1**	0.01	0.01	2	0.1	0.3	**0.1**	0.01	0.01	*C14*
Oesophagus	13	0.3	1.7	**1.2**	0.10	0.15	1	0.0	0.1	**0.0**	0.00	0.00	*C15*
Stomach	137	3.6	18.3	**8.6**	0.36	0.90	101	3.2	13.0	**5.8**	0.31	0.60	*C16*
Small intestine	12	0.3	1.6	**0.8**	0.03	0.11	8	0.3	1.0	**0.5**	0.03	0.06	*C17*
Colon	311	8.1	41.5	**20.6**	0.93	2.27	277	8.7	35.7	**16.1**	0.93	1.83	*C18*
Rectum	183	4.8	24.4	**12.6**	0.63	1.60	128	4.0	16.5	**7.6**	0.41	0.92	*C19-20*
Anus	9	0.2	1.2	**0.6**	0.04	0.09	18	0.6	2.3	**1.2**	0.08	0.13	*C21*
Liver	194	5.0	25.9	**13.4**	0.58	1.67	98	3.1	12.6	**4.9**	0.24	0.60	*C22*
Gallbladder etc.	68	1.8	9.1	**4.3**	0.20	0.54	76	2.4	9.8	**3.7**	0.15	0.43	*C23-24*
Pancreas	103	2.7	13.8	**6.7**	0.32	0.71	136	4.3	17.5	**6.1**	0.23	0.64	*C25*
Nose, sinuses etc.	7	0.2	0.9	**0.5**	0.03	0.06	2	0.1	0.3	**0.1**	0.01	0.01	*C30-31*
Larynx	55	1.4	7.3	**4.5**	0.28	0.57	2	0.1	0.3	**0.1**	0.00	0.01	*C32*
Trachea, bronchus and lung	532	13.8	71.1	**37.0**	1.79	4.59	108	3.4	13.9	**5.9**	0.27	0.67	*C33-34*
Other thoracic organs	14	0.4	1.9	**1.0**	0.04	0.12	7	0.2	0.9	**0.4**	0.01	0.05	*C37-38*
Bone	9	0.2	1.2	**0.7**	0.03	0.06	7	0.2	0.9	**0.7**	0.05	0.05	*C40-41*
Melanoma of skin	80	2.1	10.7	**7.4**	0.50	0.79	61	1.9	7.9	**5.3**	0.39	0.52	*C43*
Other skin	1025		136.9	**71.0**	3.53	8.55	577		74.3	**34.7**	2.06	3.67	*C44*
Mesothelioma	10	0.3	1.3	**0.9**	0.09	0.12	3	0.1	0.4	**0.2**	0.01	0.04	*C45*
Kaposi sarcoma	13	0.3	1.7	**0.8**	0.01	0.10	4	0.1	0.5	**0.1**	0.00	0.03	*C46*
Connective and soft tissue	23	0.6	3.1	**2.1**	0.13	0.24	19	0.6	2.4	**1.8**	0.15	0.18	*C47+C49*
Breast	15	0.4	2.0	**1.1**	0.07	0.11	849	26.6	109.4	**65.0**	4.79	7.37	*C50*
Vulva							21	0.7	2.7	**1.2**	0.05	0.13	*C51*
Vagina							6	0.2	0.8	**0.4**	0.02	0.03	*C52*
Cervix uteri							56	1.8	7.2	**4.1**	0.31	0.43	*C53*
Corpus uteri							196	6.1	25.2	**13.1**	0.83	1.66	*C54*
Uterus unspecified							20	0.6	2.6	**0.7**	0.02	0.05	*C55*
Ovary							128	4.0	16.5	**9.8**	0.74	1.14	*C56*
Other female genital organs							7	0.2	0.9	**0.5**	0.03	0.04	*C57*
Placenta							1	0.0	0.1	**0.2**	0.01	0.01	*C58*
Penis	10	0.3	1.3	**0.8**	0.05	0.11							*C60*
Prostate	707	18.4	94.4	**43.4**	1.36	5.56							*C61*
Testis	34	0.9	4.5	**4.1**	0.31	0.31							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	79	2.1	10.6	**6.6**	0.48	0.70	41	1.3	5.3	**3.2**	0.17	0.39	*C64*
Renal pelvis	13	0.3	1.7	**0.8**	0.04	0.10	6	0.2	0.8	**0.4**	0.03	0.04	*C65*
Ureter	4	0.1	0.5	**0.3**	0.01	0.06	1	0.0	0.1	**0.0**	0.00	0.00	*C66*
†Bladder	457	11.9	61.0	**32.1**	1.71	3.87	70	2.2	9.0	**3.9**	0.20	0.40	*C67*
Other urinary organs	2	0.1	0.3	**0.1**	0.00	0.00	2	0.1	0.3	**0.1**	0.01	0.01	*C68*
Eye	4	0.1	0.5	**0.4**	0.02	0.04	5	0.2	0.6	**0.6**	0.03	0.06	*C69*
Brain, nervous system	87	2.3	11.6	**8.0**	0.51	0.83	56	1.8	7.2	**4.5**	0.28	0.46	*C70-72*
Thyroid	41	1.1	5.5	**4.2**	0.33	0.45	206	6.4	26.5	**20.4**	1.64	1.94	*C73*
Adrenal gland	2	0.1	0.3	**0.4**	0.02	0.02	4	0.1	0.5	**0.5**	0.02	0.05	*C74*
Other endocrine	3	0.1	0.4	**0.3**	0.02	0.02	2	0.1	0.3	**0.3**	0.01	0.03	*C75*
Hodgkin lymphoma	21	0.5	2.8	**2.7**	0.18	0.20	20	0.6	2.6	**2.9**	0.18	0.20	*C81*
Non-Hodgkin lymphoma	139	3.6	18.6	**11.7**	0.70	1.31	91	2.8	11.7	**6.1**	0.34	0.69	*C82-85,C96*
Immunoproliferative diseases	2	0.1	0.3	**0.1**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	52	1.4	6.9	**3.7**	0.21	0.41	49	1.5	6.3	**3.1**	0.20	0.35	*C90*
Lymphoid leukaemia	73	1.9	9.7	**6.4**	0.39	0.64	48	1.5	6.2	**3.5**	0.17	0.35	*C91*
Myeloid leukaemia	47	1.2	6.3	**3.7**	0.21	0.41	48	1.5	6.2	**4.1**	0.24	0.37	*C92-94*
Leukaemia unspecified	8	0.2	1.1	**0.4**	0.00	0.02	5	0.2	0.6	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	51	1.3	6.8	**4.5**	0.31	0.52	42	1.3	5.4	**3.0**	0.17	0.31	*MPD*
Myelodysplastic syndromes	47	1.2	6.3	**3.4**	0.15	0.42	30	0.9	3.9	**1.7**	0.05	0.22	*MDS*
Other and unspecified	99	2.6	13.2	**6.7**	0.34	0.65	95	3.0	12.2	**4.4**	0.14	0.49	*O&U*
All sites	4872		650.7	**347.2**	17.51	40.72	3774		486.1	**255.9**	16.19	27.90	*C00-96*
All sites except C44	3847	100.0	513.8	**276.2**	13.98	32.17	3197	100.0	411.8	**221.1**	14.13	24.23	*C00-96 exc. C44*

† See note following population pyramid

Italy, Reggio Emilia

REGISTRATION AREA

The Reggio Emilia Cancer Registry covers the province of Reggio Emilia, which is located in the Emilia-Romagna region of north-eastern Italy and is divided into 45 municipalities. The provincial capital is the city of Reggio Emilia, which has a population of about 157 000. In 2005, the total population of the province was about 495 000. The proportion of foreign residents has increased in recent years; in 2005, foreign residents accounted for 9% of the population. Most foreign residents come from northern Africa, eastern Europe, or south-central Africa. The province is highly industrialized. The principal industries are the mechanics and ceramic tile industries, but agriculture and cow and pig breeding are also important. Until the late 1980s, some of the most important Italian asbestos-cement factories were active in the province.

CANCER CARE FACILITIES

The province has six public hospitals (one per health care district), two hospices, and two certified private hospitals. The main hospital is the Arcispedale Santa Maria Nuova Clinical Cancer Research Institute in the city of Reggio Emilia, which has oncology, radiotherapy, digestive endoscopy, nuclear medicine, dermatology, haematology, and pathology departments. There is also a medical oncology unit and a palliative care unit in each health care district.

REGISTRY STRUCTURE AND METHODS

The registry is located within the epidemiology service of the provincial health care authority.

INTERPRETING THE RESULTS

There are three screening programmes (for breast, colorectal, and cervical cancers) in the province.

USE OF THE DATA

The registry's main purpose is to monitor the occurrence of cancer, but it also conducts epidemiological and clinical studies and participates in national and international multicentre studies.

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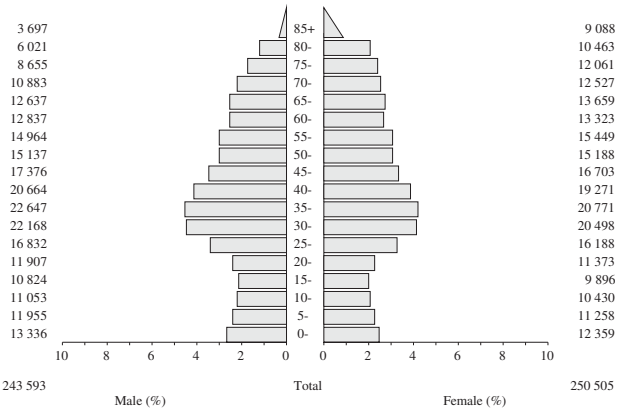
Italy, Reggio Emilia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on regional demographic statistics retrieved from the online portal of the Emilia-Romagna region (http://statistica.regione.emilia-romagna.it/servizi-online/statistica-self-service/popolazione).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	70.8	Breast	96.3
Prostate	67.9	Non-melanoma skin cancer	43.9
Trachea, bronchus and lung	54.2	Colon	21.2
Bladder	30.7	Thyroid	20.1
Colon	30.3	Corpus uteri	14.7
Stomach	16.5	Trachea, bronchus and lung	14.2
Rectum	14.4	Non-Hodgkin lymphoma	9.4
Non-Hodgkin lymphoma	14.1	Ovary	9.0
Kidney	12.7	Melanoma of skin	9.0
Pancreas	10.5	Stomach	8.7
All sites	424.4	All sites	323.4

Italy, Reggio Emilia (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	34	0.4	2.8	**1.1**	0.02	0.12	4	0.1	0.3	**0.1**	0.00	0.01	*C00*
Tongue	33	0.4	2.7	**1.5**	0.10	0.18	19	0.3	1.5	**0.6**	0.04	0.07	*C01-02*
Mouth	42	0.5	3.4	**2.1**	0.12	0.26	28	0.4	2.2	**1.1**	0.07	0.11	*C03-06*
Salivary glands	14	0.2	1.1	**0.6**	0.03	0.06	13	0.2	1.0	**0.5**	0.03	0.05	*C07-08*
Tonsil	28	0.3	2.3	**1.6**	0.14	0.19	6	0.1	0.5	**0.4**	0.04	0.04	*C09*
Other oropharynx	10	0.1	0.8	**0.5**	0.03	0.07	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	18	0.2	1.5	**0.9**	0.06	0.10	5	0.1	0.4	**0.4**	0.03	0.04	*C11*
Hypopharynx	6	0.1	0.5	**0.3**	0.03	0.04	2	0.0	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	12	0.1	1.0	**0.6**	0.03	0.08	2	0.0	0.2	**0.0**	0.00	0.00	*C14*
Oesophagus	67	0.8	5.5	**2.9**	0.19	0.35	24	0.3	1.9	**0.8**	0.05	0.09	*C15*
Stomach	456	5.4	37.4	**16.5**	0.60	1.99	327	4.5	26.1	**8.7**	0.42	0.94	*C16*
Small intestine	35	0.4	2.9	**1.3**	0.05	0.17	32	0.4	2.6	**1.0**	0.06	0.12	*C17*
Colon	748	8.8	61.4	**30.3**	1.56	3.76	671	9.3	53.6	**21.2**	1.17	2.49	*C18*
Rectum	357	4.2	29.3	**14.4**	0.78	1.77	202	2.8	16.1	**6.7**	0.39	0.81	*C19-20*
Anus	9	0.1	0.7	**0.4**	0.04	0.04	22	0.3	1.8	**0.7**	0.04	0.08	*C21*
Liver	250	2.9	20.5	**10.0**	0.44	1.27	130	1.8	10.4	**3.7**	0.13	0.44	*C22*
Gallbladder etc.	57	0.7	4.7	**1.9**	0.07	0.21	89	1.2	7.1	**2.2**	0.07	0.27	*C23-24*
Pancreas	268	3.1	22.0	**10.5**	0.50	1.31	307	4.3	24.5	**8.6**	0.40	0.99	*C25*
Nose, sinuses etc.	9	0.1	0.7	**0.4**	0.02	0.05	3	0.0	0.2	**0.1**	0.01	0.02	*C30-31*
Larynx	184	2.2	15.1	**8.3**	0.49	1.07	22	0.3	1.8	**0.7**	0.02	0.08	*C32*
Trachea, bronchus and lung	1404	16.5	115.3	**54.2**	2.58	6.80	416	5.8	33.2	**14.2**	0.82	1.78	*C33-34*
Other thoracic organs	15	0.2	1.2	**0.6**	0.02	0.06	14	0.2	1.1	**0.7**	0.05	0.08	*C37-38*
Bone	16	0.2	1.3	**1.3**	0.08	0.09	10	0.1	0.8	**0.6**	0.03	0.06	*C40-41*
Melanoma of skin	162	1.9	13.3	**8.2**	0.59	0.84	185	2.6	14.8	**9.0**	0.65	0.95	*C43*
Other skin	1834		150.6	**70.8**	3.46	8.11	1343		107.2	**43.9**	2.66	4.85	*C44*
Mesothelioma	57	0.7	4.7	**2.4**	0.16	0.28	26	0.4	2.1	**1.2**	0.06	0.15	*C45*
Kaposi sarcoma	42	0.5	3.4	**1.6**	0.06	0.16	16	0.2	1.3	**0.4**	0.01	0.04	*C46*
Connective and soft tissue	47	0.6	3.9	**2.5**	0.15	0.25	43	0.6	3.4	**1.7**	0.12	0.17	*C47+C49*
Breast	16	0.2	1.3	**0.6**	0.03	0.07	2159	30.0	172.4	**96.3**	7.39	10.68	*C50*
Vulva							49	0.7	3.9	**1.3**	0.06	0.15	*C51*
Vagina							10	0.1	0.8	**0.3**	0.02	0.03	*C52*
Cervix uteri							75	1.0	6.0	**3.6**	0.29	0.33	*C53*
Corpus uteri							350	4.9	27.9	**14.7**	1.06	1.85	*C54*
Uterus unspecified							14	0.2	1.1	**0.5**	0.03	0.05	*C55*
Ovary							215	3.0	17.2	**9.0**	0.63	1.03	*C56*
Other female genital organs							13	0.2	1.0	**0.3**	0.01	0.03	*C57*
Placenta							4	0.1	0.3	**0.3**	0.02	0.02	*C58*
Penis	9	0.1	0.7	**0.4**	0.02	0.06							*C60*
Prostate	1721	20.2	141.3	**67.9**	2.91	9.47							*C61*
Testis	73	0.9	6.0	**4.8**	0.36	0.39							*C62*
Other male genital organs	8	0.1	0.7	**0.3**	0.02	0.03							*C63*
Kidney	290	3.4	23.8	**12.7**	0.75	1.52	159	2.2	12.7	**5.5**	0.31	0.65	*C64*
Renal pelvis	20	0.2	1.6	**0.8**	0.04	0.11	10	0.1	0.8	**0.2**	0.00	0.01	*C65*
Ureter	8	0.1	0.7	**0.3**	0.02	0.05	6	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	808	9.5	66.3	**30.7**	1.36	3.73	209	2.9	16.7	**6.3**	0.35	0.71	*C67*
Other urinary organs	5	0.1	0.4	**0.2**	0.00	0.02	5	0.1	0.4	**0.1**	0.00	0.01	*C68*
Eye	12	0.1	1.0	**0.6**	0.04	0.07	11	0.2	0.9	**0.5**	0.03	0.06	*C69*
Brain, nervous system	130	1.5	10.7	**6.8**	0.42	0.70	115	1.6	9.2	**4.8**	0.26	0.53	*C70-72*
Thyroid	124	1.5	10.2	**7.3**	0.59	0.74	340	4.7	27.1	**20.1**	1.61	1.94	*C73*
Adrenal gland	6	0.1	0.5	**0.5**	0.03	0.04	8	0.1	0.6	**0.6**	0.04	0.04	*C74*
Other endocrine	4	0.0	0.3	**0.2**	0.01	0.02	4	0.1	0.3	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	57	0.7	4.7	**4.9**	0.33	0.36	41	0.6	3.3	**2.7**	0.18	0.20	*C81*
Non-Hodgkin lymphoma	296	3.5	24.3	**14.1**	0.87	1.56	239	3.3	19.1	**9.4**	0.63	0.99	*C82-85,C96*
Immunoproliferative diseases	6	0.1	0.5	**0.3**	0.02	0.04	6	0.1	0.5	**0.3**	0.02	0.03	*C88*
Multiple myeloma	107	1.3	8.8	**4.1**	0.17	0.48	114	1.6	9.1	**3.5**	0.19	0.44	*C90*
Lymphoid leukaemia	125	1.5	10.3	**7.2**	0.42	0.71	93	1.3	7.4	**4.8**	0.29	0.46	*C91*
Myeloid leukaemia	95	1.1	7.8	**4.1**	0.21	0.37	62	0.9	5.0	**2.0**	0.09	0.22	*C92-94*
Leukaemia unspecified	3	0.0	0.2	**0.1**	0.00	0.00	9	0.1	0.7	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	35	0.4	2.9	**1.6**	0.10	0.15	47	0.7	3.8	**2.1**	0.14	0.24	*MPD*
Myelodysplastic syndromes	35	0.4	2.9	**1.1**	0.02	0.13	24	0.3	1.9	**0.5**	0.01	0.04	*MDS*
Other and unspecified	150	1.8	12.3	**5.3**	0.24	0.52	191	2.7	15.2	**4.0**	0.14	0.41	*O&U*
All sites	10357		850.4	**424.4**	21.42	50.99	8544		682.1	**323.4**	21.20	35.95	*C00-96*
All sites except C44	8523	100.0	699.8	**353.6**	17.95	42.89	7201	100.0	574.9	**279.5**	18.53	31.10	*C00-96 exc. C44*

Italy, Romagna

REGISTRATION AREA

The Romagna Cancer Registry covers the provinces of Forlì-Cesena, Ravenna, and Rimini, as well as the neighbouring district of Imola in the province of Bologna, which are all situated in the Emilia-Romagna region of north-eastern Italy. The registration area covers 4769 km^2 and has a population of 1.2 million. Most residents are Caucasian, and there are relatively few immigrants. The area is socioeconomically homogeneous.

CANCER CARE FACILITIES

The registration area has 13 public hospitals and 15 certified private hospitals. Cancer care is provided by medical oncology departments and cancer screening centres at hospitals in the towns of Ravenna, Forlì, Cesena, Rimini, Lugo, and Faenza, and is coordinated at the Scientific Institute of Romagna for the Study and Treatment of Cancer (IRST) in the towns of Meldola and Forlì.

REGISTRY STRUCTURE AND METHODS

The registry was founded in 1985. It has since become a unit of the IRST, which was established in 2007 with the mission of improving the main specialist fields of cancer care throughout central Italy and the regions bordering the Adriatic Sea, and of achieving maximum efficiency with the available resources. The IRST is also responsible for basic research programmes and activities that the local health authority cannot undertake. The registry's main information sources are histology and cytology reports, hospital discharge forms, outpatient records from medical oncology departments, records from private clinics, and death certificates provided by public health departments and local health authorities.

USE OF THE DATA

Registry data have been used for several cohort and case–control studies (mainly studies investigating the relationships between diet and digestive tumours, diet and breast cancer, and pesticides and haematopoietic malignancies). The registry participates in numerous studies conducted by the Italian network of cancer registries (AIRTUM). It also actively contributes to local cancer control strategies coordinated by the IRST, both by conducting situation analyses (such as studies of the patterns of stage, diagnosis, and treatment of major malignancies) and by monitoring cervical, breast, and colorectal cancer screening programmes.

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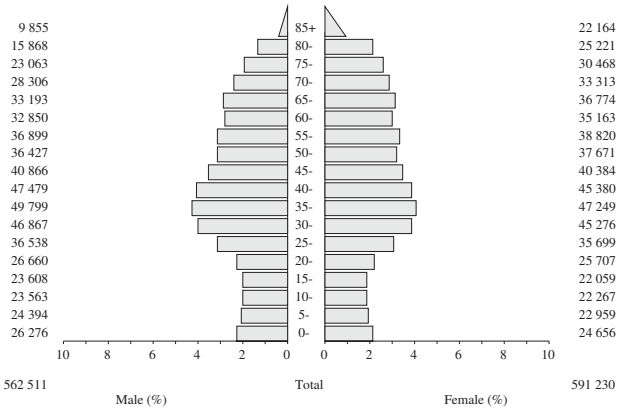
Italy, Romagna (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data provided online by the Emilia-Romagna regional government, which collects and processes annual data from all municipal population registries in the region.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	79.4	Breast	84.9
Prostate	72.4	Non-melanoma skin cancer	52.5
Trachea, bronchus and lung	49.1	Colon	23.4
Colon	36.0	Thyroid	23.3
Bladder	35.3	Trachea, bronchus and lung	14.5
Stomach	21.2	Melanoma of skin	14.4
Rectum	14.8	Corpus uteri	13.5
Kidney	14.2	Stomach	11.1
Non-Hodgkin lymphoma	13.8	Non-Hodgkin lymphoma	10.7
Melanoma of skin	11.4	Ovary	8.6
All sites	450.0	All sites	341.3

Italy, Romagna (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	55	0.2	2.0	**0.7**	0.03	0.08	10	0.1	0.3	**0.1**	0.00	0.00	*C00*
Tongue	96	0.4	3.4	**1.8**	0.14	0.21	67	0.4	2.3	**1.2**	0.09	0.13	*C01-02*
Mouth	75	0.3	2.7	**1.4**	0.09	0.18	62	0.3	2.1	**0.9**	0.06	0.10	*C03-06*
Salivary glands	40	0.2	1.4	**0.7**	0.04	0.08	36	0.2	1.2	**0.6**	0.04	0.07	*C07-08*
Tonsil	71	0.3	2.5	**1.4**	0.11	0.18	26	0.1	0.9	**0.5**	0.04	0.06	*C09*
Other oropharynx	11	0.0	0.4	**0.2**	0.01	0.02	4	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	52	0.2	1.8	**0.9**	0.06	0.11	14	0.1	0.5	**0.3**	0.02	0.03	*C11*
Hypopharynx	24	0.1	0.9	**0.6**	0.05	0.07	4	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	19	0.1	0.7	**0.4**	0.03	0.03	6	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	108	0.5	3.8	**1.8**	0.11	0.21	50	0.3	1.7	**0.6**	0.03	0.07	*C15*
Stomach	1518	6.5	54.0	**21.2**	0.91	2.35	1098	5.9	37.1	**11.1**	0.47	1.17	*C16*
Small intestine	64	0.3	2.3	**1.1**	0.07	0.14	52	0.3	1.8	**0.6**	0.04	0.07	*C17*
Colon	2285	9.8	81.2	**36.0**	1.89	4.32	1862	10.0	63.0	**23.4**	1.30	2.73	*C18*
Rectum	955	4.1	34.0	**14.8**	0.78	1.78	633	3.4	21.4	**8.3**	0.48	0.96	*C19-20*
Anus	59	0.3	2.1	**1.1**	0.08	0.12	78	0.4	2.6	**1.2**	0.09	0.15	*C21*
Liver	506	2.2	18.0	**8.0**	0.42	0.95	233	1.3	7.9	**2.4**	0.10	0.30	*C22*
Gallbladder etc.	188	0.8	6.7	**2.5**	0.08	0.26	263	1.4	8.9	**2.6**	0.11	0.29	*C23-24*
Pancreas	584	2.5	20.8	**8.7**	0.42	1.01	698	3.7	23.6	**7.2**	0.29	0.82	*C25*
Nose, sinuses etc.	27	0.1	1.0	**0.5**	0.03	0.06	21	0.1	0.7	**0.3**	0.02	0.03	*C30-31*
Larynx	397	1.7	14.1	**7.0**	0.44	0.91	55	0.3	1.9	**0.8**	0.05	0.09	*C32*
Trachea, bronchus and lung	3436	14.8	122.2	**49.1**	2.10	5.90	1074	5.8	36.3	**14.5**	0.91	1.74	*C33-34*
Other thoracic organs	54	0.2	1.9	**1.0**	0.06	0.10	29	0.2	1.0	**0.5**	0.03	0.05	*C37-38*
Bone	34	0.1	1.2	**1.1**	0.07	0.08	23	0.1	0.8	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	537	2.3	19.1	**11.4**	0.80	1.15	613	3.3	20.7	**14.4**	1.07	1.34	*C43*
Other skin	5280		187.7	**79.4**	3.78	8.99	3867		130.8	**52.5**	3.20	5.71	*C44*
Mesothelioma	88	0.4	3.1	**1.4**	0.07	0.19	26	0.1	0.9	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	55	0.2	2.0	**1.0**	0.06	0.10	19	0.1	0.6	**0.2**	0.01	0.02	*C46*
Connective and soft tissue	127	0.5	4.5	**3.1**	0.18	0.26	85	0.5	2.9	**1.7**	0.10	0.15	*C47+C49*
Breast	36	0.2	1.3	**0.6**	0.03	0.07	4708	25.3	159.3	**84.9**	6.56	9.33	*C50*
Vulva							117	0.6	4.0	**1.1**	0.04	0.13	*C51*
Vagina							25	0.1	0.8	**0.3**	0.02	0.04	*C52*
Cervix uteri							295	1.6	10.0	**6.0**	0.46	0.57	*C53*
Corpus uteri							823	4.4	27.8	**13.5**	1.04	1.65	*C54*
Uterus unspecified							28	0.2	0.9	**0.2**	0.01	0.01	*C55*
Ovary							551	3.0	18.6	**8.6**	0.60	0.98	*C56*
Other female genital organs							36	0.2	1.2	**0.4**	0.02	0.04	*C57*
Placenta							2	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	44	0.2	1.6	**0.7**	0.05	0.09							*C60*
Prostate	4867	20.9	173.0	**72.4**	2.91	9.89							*C61*
Testis	186	0.8	6.6	**6.0**	0.44	0.46							*C62*
Other male genital organs	9	0.0	0.3	**0.1**	0.00	0.01							*C63*
Kidney	801	3.4	28.5	**14.2**	0.80	1.69	449	2.4	15.2	**6.2**	0.36	0.70	*C64*
Renal pelvis	63	0.3	2.2	**1.0**	0.05	0.12	32	0.2	1.1	**0.3**	0.01	0.04	*C65*
Ureter	45	0.2	1.6	**0.7**	0.03	0.10	17	0.1	0.6	**0.2**	0.01	0.03	*C66*
†Bladder	2379	10.2	84.6	**35.3**	1.70	4.18	552	3.0	18.7	**6.9**	0.41	0.83	*C67*
Other urinary organs	82	0.4	2.9	**1.1**	0.04	0.11	28	0.2	0.9	**0.2**	0.01	0.02	*C68*
Eye	47	0.2	1.7	**1.2**	0.07	0.12	33	0.2	1.1	**0.7**	0.04	0.06	*C69*
Brain, nervous system	338	1.5	12.0	**7.1**	0.44	0.74	320	1.7	10.8	**5.8**	0.36	0.57	*C70-72*
Thyroid	269	1.2	9.6	**6.0**	0.46	0.64	976	5.2	33.0	**23.3**	1.83	2.30	*C73*
Adrenal gland	11	0.0	0.4	**0.5**	0.02	0.03	15	0.1	0.5	**0.4**	0.02	0.03	*C74*
Other endocrine	5	0.0	0.2	**0.1**	0.01	0.01	7	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	126	0.5	4.5	**3.9**	0.26	0.33	91	0.5	3.1	**3.2**	0.22	0.24	*C81*
Non-Hodgkin lymphoma	758	3.3	27.0	**13.8**	0.80	1.48	687	3.7	23.2	**10.7**	0.66	1.21	*C82-85,C96*
Immunoproliferative diseases	6	0.0	0.2	**0.1**	0.00	0.00	6	0.0	0.2	**0.0**	0.00	0.00	*C88*
Multiple myeloma	359	1.5	12.8	**5.3**	0.24	0.62	333	1.8	11.3	**4.2**	0.23	0.50	*C90*
Lymphoid leukaemia	258	1.1	9.2	**5.9**	0.33	0.56	173	0.9	5.9	**3.3**	0.16	0.26	*C91*
Myeloid leukaemia	245	1.1	8.7	**4.1**	0.22	0.42	227	1.2	7.7	**2.9**	0.15	0.32	*C92-94*
Leukaemia unspecified	40	0.2	1.4	**0.5**	0.02	0.04	45	0.2	1.5	**0.5**	0.02	0.04	*C95*
Myeloproliferative disorders	202	0.9	7.2	**3.4**	0.18	0.36	198	1.1	6.7	**3.1**	0.18	0.33	*MPD*
Myelodysplastic syndromes	166	0.7	5.9	**1.9**	0.04	0.16	155	0.8	5.2	**1.6**	0.07	0.15	*MDS*
Other and unspecified	443	1.9	15.8	**6.0**	0.23	0.62	569	3.1	19.2	**5.2**	0.22	0.47	*O&U*
All sites	28530		1014.4	**450.0**	22.29	52.66	22506		761.3	**341.3**	22.35	37.06	*C00-96*
All sites except C44	23250	100.0	826.6	**370.5**	18.51	43.67	18639	100.0	630.5	**288.9**	19.14	31.35	*C00-96 exc. C44*

† See note following population pyramid

Italy, Salerno

REGISTRATION AREA

The Salerno Cancer Registry (SCR) covers the province of Salerno, the largest province in the Campania region of Italy. Salerno has an area of 4922 km^2 and is divided into 158 municipalities. At the 2011 census, the population was 1.1 million. The province is bordered by the Tyrrhenian Sea to the west, the provinces of Naples and Avellino to the north, and the province of Potenza to the south-east. The geography of Salerno is diverse; 45% of the area is inland hills, 29% is mountains, 15% is coastal hills, and 11% is plains. There is a densely populated urban and industrial area in the north, a large rural area in the south, coastal settlements in the west, and mountain villages in the east.

CANCER CARE FACILITIES

The registration area has 15 public hospitals that provide cancer surgery and haematology, radiotherapy, and chemotherapy services. Microscopic verification is provided by four pathology services. There are eight private hospitals.

REGISTRY STRUCTURE AND METHODS

The SCR began its activity in 1996, supported by the provincial government. It is staffed by a director, a data collection coordinator, an information technology manager, two full-time registrars, and five part-time employees. Almost all sources of information (pathology reports, hospital discharge forms, and death certificates) are submitted electronically. Compared with cancer registries in northern Italy, the SCR has a higher proportion of cases diagnosed and treated in hospitals outside the covered area. To ensure data completeness, the registry actively collects hospital discharge forms and pathology reports from these hospitals. The use of a population data file prevents double registrations. Vital status is followed up by annual linkage with the mortality registry and through active research.

INTERPRETING THE RESULTS

Incidence rates may be influenced by different risk factors among people living in the urbanized north and the rural south. A population-based screening programme for breast cancer was recently implemented and is expected to affect breast cancer incidence data starting from 2010.

USE OF THE DATA

The registry periodically provides reports on incidence, mortality, and survival to general practitioners, public health professionals, and epidemiologists. Registry-specific and collaborative studies on survival, dietary risk factors, and other risk factors are in progress.

CONTRIBUTORS

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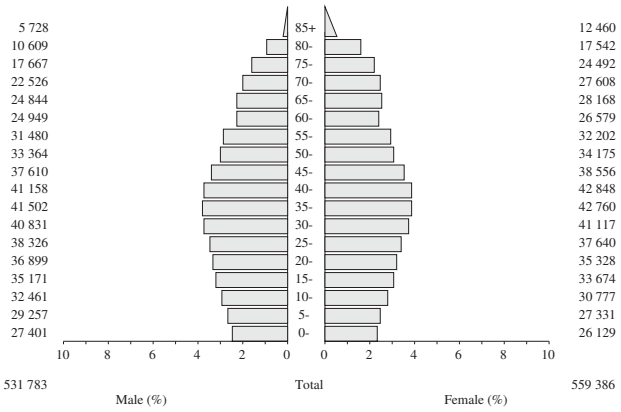
Italy, Salerno (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	47.8	Breast	57.9
Prostate	40.5	Non-melanoma skin cancer	21.6
Non-melanoma skin cancer	35.4	Thyroid	15.9
Bladder	33.6	Colon	14.3
Colon	21.7	Corpus uteri	10.1
Liver	11.4	Ovary	9.4
Non-Hodgkin lymphoma	11.0	Non-Hodgkin lymphoma	8.3
Rectum	10.9	Trachea, bronchus and lung	7.0
Stomach	10.6	Rectum	5.7
Kidney	7.9	Bladder	5.4
All sites	315.6	All sites	222.2

Italy, Salerno (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	30	0.2	1.1	**0.6**	0.03	0.07	11	0.1	0.4	**0.1**	0.01	0.01	*C00*
Tongue	38	0.3	1.4	**1.0**	0.07	0.11	27	0.3	1.0	**0.5**	0.03	0.06	*C01-02*
Mouth	39	0.3	1.5	**1.0**	0.07	0.12	30	0.3	1.1	**0.5**	0.03	0.06	*C03-06*
Salivary glands	34	0.3	1.3	**0.8**	0.05	0.09	30	0.3	1.1	**0.7**	0.05	0.07	*C07-08*
Tonsil	11	0.1	0.4	**0.3**	0.02	0.04	1	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	11	0.1	0.4	**0.3**	0.02	0.03	4	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	47	0.4	1.8	**1.4**	0.11	0.13	11	0.1	0.4	**0.2**	0.02	0.03	*C11*
Hypopharynx	15	0.1	0.6	**0.3**	0.02	0.05	1	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	15	0.1	0.6	**0.4**	0.03	0.04	4	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	84	0.6	3.2	**1.8**	0.11	0.22	24	0.2	0.9	**0.4**	0.02	0.05	*C15*
Stomach	532	4.0	20.0	**10.6**	0.49	1.25	315	3.2	11.3	**5.2**	0.28	0.58	*C16*
Small intestine	44	0.3	1.7	**1.0**	0.06	0.12	32	0.3	1.1	**0.5**	0.04	0.06	*C17*
Colon	1084	8.2	40.8	**21.7**	1.05	2.59	885	8.9	31.6	**14.3**	0.74	1.66	*C18*
Rectum	520	3.9	19.6	**10.9**	0.59	1.37	363	3.6	13.0	**5.7**	0.31	0.65	*C19-20*
Anus	33	0.2	1.2	**0.7**	0.04	0.09	24	0.2	0.9	**0.5**	0.04	0.06	*C21*
Liver	567	4.3	21.3	**11.4**	0.58	1.43	311	3.1	11.1	**4.6**	0.19	0.58	*C22*
Gallbladder etc.	157	1.2	5.9	**3.0**	0.13	0.35	251	2.5	9.0	**3.7**	0.18	0.42	*C23-24*
Pancreas	277	2.1	10.4	**5.7**	0.30	0.66	250	2.5	8.9	**3.8**	0.19	0.43	*C25*
Nose, sinuses etc.	21	0.2	0.8	**0.5**	0.03	0.06	11	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	344	2.6	12.9	**7.7**	0.50	0.97	33	0.3	1.2	**0.7**	0.04	0.09	*C32*
Trachea, bronchus and lung	2414	18.2	90.8	**47.8**	2.23	6.02	399	4.0	14.3	**7.0**	0.41	0.82	*C33-34*
Other thoracic organs	32	0.2	1.2	**0.7**	0.04	0.06	24	0.2	0.9	**0.4**	0.02	0.05	*C37-38*
Bone	34	0.3	1.3	**1.0**	0.07	0.09	27	0.3	1.0	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	174	1.3	6.5	**4.4**	0.29	0.48	225	2.3	8.0	**5.2**	0.38	0.53	*C43*
Other skin	1818		68.4	**35.4**	1.57	4.10	1391		49.7	**21.6**	1.00	2.46	*C44*
Mesothelioma	40	0.3	1.5	**0.9**	0.05	0.12	25	0.3	0.9	**0.5**	0.03	0.06	*C45*
Kaposi sarcoma	35	0.3	1.3	**0.7**	0.02	0.06	18	0.2	0.6	**0.3**	0.02	0.04	*C46*
Connective and soft tissue	74	0.6	2.8	**2.2**	0.15	0.19	59	0.6	2.1	**1.5**	0.11	0.14	*C47+C49*
Breast	37	0.3	1.4	**0.8**	0.04	0.10	2627	26.3	93.9	**57.9**	4.34	6.47	*C50*
Vulva							77	0.8	2.8	**1.2**	0.07	0.13	*C51*
Vagina							17	0.2	0.6	**0.3**	0.01	0.03	*C52*
Cervix uteri							189	1.9	6.8	**4.4**	0.34	0.47	*C53*
Corpus uteri							490	4.9	17.5	**10.1**	0.72	1.23	*C54*
Uterus unspecified							97	1.0	3.5	**1.9**	0.14	0.21	*C55*
Ovary							438	4.4	15.7	**9.4**	0.70	1.04	*C56*
Other female genital organs							7	0.1	0.3	**0.1**	0.01	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	53	0.4	2.0	**1.0**	0.06	0.11							*C60*
Prostate	2173	16.4	81.7	**40.5**	1.39	5.30							*C61*
Testis	174	1.3	6.5	**6.0**	0.43	0.45							*C62*
Other male genital organs	5	0.0	0.2	**0.2**	0.01	0.01							*C63*
Kidney	320	2.4	12.0	**7.9**	0.54	0.94	156	1.6	5.6	**3.3**	0.20	0.33	*C64*
Renal pelvis	17	0.1	0.6	**0.3**	0.01	0.04	3	0.0	0.1	**0.1**	0.01	0.01	*C65*
Ureter	18	0.1	0.7	**0.4**	0.03	0.06	4	0.0	0.1	**0.1**	0.01	0.01	*C66*
Bladder	1708	12.9	64.2	**33.6**	1.56	4.11	316	3.2	11.3	**5.4**	0.32	0.61	*C67*
Other urinary organs	5	0.0	0.2	**0.1**	0.00	0.00	4	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	18	0.1	0.7	**0.8**	0.04	0.05	22	0.2	0.8	**1.0**	0.06	0.06	*C69*
Brain, nervous system	268	2.0	10.1	**6.8**	0.41	0.74	237	2.4	8.5	**5.1**	0.29	0.56	*C70-72*
Thyroid	153	1.2	5.8	**4.6**	0.37	0.43	537	5.4	19.2	**15.9**	1.26	1.41	*C73*
Adrenal gland	13	0.1	0.5	**0.5**	0.03	0.03	9	0.1	0.3	**0.3**	0.02	0.03	*C74*
Other endocrine	2	0.0	0.1	**0.0**	0.00	0.01	4	0.0	0.1	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	95	0.7	3.6	**3.2**	0.21	0.25	82	0.8	2.9	**3.0**	0.20	0.21	*C81*
Non-Hodgkin lymphoma	441	3.3	16.6	**11.0**	0.73	1.19	400	4.0	14.3	**8.3**	0.51	0.91	*C82-85,C96*
Immunoproliferative diseases	4	0.0	0.2	**0.1**	0.00	0.02	4	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	159	1.2	6.0	**3.2**	0.17	0.38	167	1.7	6.0	**2.4**	0.12	0.27	*C90*
Lymphoid leukaemia	222	1.7	8.3	**6.4**	0.34	0.57	157	1.6	5.6	**3.2**	0.17	0.33	*C91*
Myeloid leukaemia	176	1.3	6.6	**4.0**	0.20	0.37	158	1.6	5.6	**3.2**	0.17	0.32	*C92-94*
Leukaemia unspecified	23	0.2	0.9	**0.5**	0.02	0.05	21	0.2	0.8	**0.4**	0.01	0.03	*C95*
Myeloproliferative disorders	177	1.3	6.7	**4.5**	0.28	0.51	104	1.0	3.7	**2.2**	0.15	0.23	*MPD*
Myelodysplastic syndromes	94	0.7	3.5	**1.6**	0.05	0.18	72	0.7	2.6	**0.9**	0.04	0.10	*MDS*
Other and unspecified	202	1.5	7.6	**3.5**	0.13	0.33	201	2.0	7.2	**2.7**	0.11	0.26	*O&U*
All sites	15081		567.2	**315.6**	15.80	37.13	11386		407.1	**222.2**	14.19	24.33	*C00-96*
All sites except C44	13263	100.0	498.8	**280.3**	14.22	33.03	9995	100.0	357.4	**200.6**	13.19	21.87	*C00-96 exc. C44*

Italy, Sassari

REGISTRATION AREA

The Sassari Cancer Registry (SCR) covers the province of Sassari in the autonomous region of Sardinia in Italy. At the 2001 census, the population was 454 000, and the 2009 intercensal estimate was 491 000. The province has an area of 7520 km^2 and a population density of 65 residents/km^2. The population is not evenly distributed: 51% of residents live in urban areas and 49% in rural areas. With few exceptions, the population is ethnically and culturally homogenous. The main economic industries are agriculture and tourism.

CANCER CARE FACILITIES

General health care is provided through the national health service by one regional and four district hospitals and primary health centres. Additional health care is provided by private practitioners. The province's oncology department (located in the regional hospital in the city of Sassari) provides diagnostic services, cancer surgery, and chemotherapy and radiotherapy services.

REGISTRY STRUCTURE AND METHODS

The SCR has collected all cancer cases occurring in the province since January 1992, including all cases of tumours with ICD-9 codes 140–208 and malignant and benign intracranial and spinal neoplasms. Carcinoma in situ cases are also collected but are not used to calculate incidence, except for urinary bladder carcinoma. Cases with insufficient detail are registered only when the evidence is clear or when diagnosis is made at the time of death. The registry receives hospital discharge records, biopsy reports, and death certificates. The SCR registrars also review the medical records of hospital departments involved in the diagnosis and treatment of cancer.

INTERPRETING THE RESULTS

There are an adequate number of hospitals and diagnostic facilities distributed throughout the registration area, so it is unlikely that a referred case will be missed. There are screening programmes for breast and cervical cancer.

USE OF THE DATA

The registry publishes an annual report on cancer incidence (highlighting changes and rare tumours) and 5-year survival rates. Registry data have also been used by the regional government to help design cancer control plans.

CONTRIBUTORS

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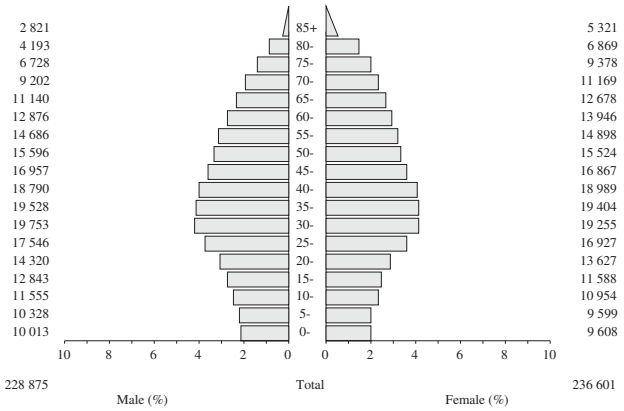
Italy, Sassari (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	61.6	Breast	80.4
Prostate	52.6	Non-melanoma skin cancer	38.1
Trachea, bronchus and lung	45.8	Thyroid	19.6
Bladder	30.7	Colon	17.4
Colon	22.6	Corpus uteri	13.0
Liver	14.0	Trachea, bronchus and lung	11.7
Non-Hodgkin lymphoma	12.8	Non-Hodgkin lymphoma	10.1
Rectum	12.8	Ovary	6.6
Kidney	10.4	Bladder	6.2
Stomach	9.7	Pancreas	6.1
All sites	377.1	All sites	278.6

Italy, Sassari (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	40	0.6	3.5	**1.8**	0.09	0.22	3	0.1	0.3	**0.1**	0.01	0.01	*C00*
Tongue	49	0.7	4.3	**2.7**	0.22	0.33	19	0.4	1.6	**0.9**	0.07	0.10	*C01-02*
Mouth	63	1.0	5.5	**3.4**	0.28	0.38	16	0.3	1.4	**0.8**	0.08	0.08	*C03-06*
Salivary glands	21	0.3	1.8	**1.0**	0.07	0.13	15	0.3	1.3	**0.8**	0.06	0.07	*C07-08*
Tonsil	36	0.5	3.1	**2.0**	0.17	0.23	3	0.1	0.3	**0.2**	0.01	0.02	*C09*
Other oropharynx	13	0.2	1.1	**0.7**	0.05	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	11	0.2	1.0	**0.6**	0.05	0.09	2	0.0	0.2	**0.1**	0.01	0.02	*C11*
Hypopharynx	25	0.4	2.2	**1.4**	0.10	0.16	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	12	0.2	1.0	**0.6**	0.05	0.06	3	0.1	0.3	**0.1**	0.01	0.01	*C14*
Oesophagus	87	1.3	7.6	**4.3**	0.23	0.52	20	0.4	1.7	**0.6**	0.02	0.05	*C15*
Stomach	218	3.3	19.0	**9.7**	0.40	1.14	121	2.3	10.2	**4.2**	0.18	0.49	*C16*
Small intestine	24	0.4	2.1	**1.1**	0.08	0.10	26	0.5	2.2	**1.0**	0.07	0.11	*C17*
Colon	493	7.5	43.1	**22.6**	1.08	2.74	446	8.4	37.7	**17.4**	0.98	2.08	*C18*
Rectum	265	4.0	23.2	**12.8**	0.74	1.60	158	3.0	13.4	**5.8**	0.30	0.71	*C19-20*
Anus	6	0.1	0.5	**0.3**	0.01	0.04	13	0.2	1.1	**0.5**	0.03	0.06	*C21*
Liver	302	4.6	26.4	**14.0**	0.68	1.76	160	3.0	13.5	**4.9**	0.12	0.60	*C22*
Gallbladder etc.	89	1.4	7.8	**3.8**	0.17	0.42	100	1.9	8.5	**3.6**	0.17	0.45	*C23-24*
Pancreas	204	3.1	17.8	**9.6**	0.55	1.14	185	3.5	15.6	**6.1**	0.28	0.64	*C25*
Nose, sinuses etc.	11	0.2	1.0	**0.6**	0.04	0.06	1	0.0	0.1	**0.0**	0.00	0.01	*C30-31*
Larynx	159	2.4	13.9	**8.1**	0.53	1.04	14	0.3	1.2	**0.7**	0.05	0.08	*C32*
Trachea, bronchus and lung	998	15.2	87.2	**45.8**	2.28	5.81	278	5.2	23.5	**11.7**	0.73	1.40	*C33-34*
Other thoracic organs	11	0.2	1.0	**0.5**	0.03	0.05	9	0.2	0.8	**0.3**	0.01	0.03	*C37-38*
Bone	18	0.3	1.6	**1.6**	0.12	0.12	6	0.1	0.5	**0.3**	0.02	0.03	*C40-41*
Melanoma of skin	73	1.1	6.4	**4.2**	0.31	0.46	67	1.3	5.7	**3.7**	0.28	0.40	*C43*
Other skin	1323		115.6	**61.6**	3.00	7.46	899		76.0	**38.1**	2.29	4.28	*C44*
Mesothelioma	21	0.3	1.8	**1.1**	0.07	0.15	8	0.2	0.7	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	46	0.7	4.0	**2.1**	0.11	0.19	20	0.4	1.7	**0.5**	0.00	0.06	*C46*
Connective and soft tissue	51	0.8	4.5	**2.8**	0.18	0.29	23	0.4	1.9	**1.2**	0.08	0.13	*C47+C49*
Breast	19	0.3	1.7	**1.0**	0.06	0.11	1621	30.6	137.0	**80.4**	5.91	9.02	*C50*
Vulva							19	0.4	1.6	**0.8**	0.04	0.09	*C51*
Vagina							7	0.1	0.6	**0.3**	0.02	0.03	*C52*
Cervix uteri							90	1.7	7.6	**5.3**	0.45	0.53	*C53*
Corpus uteri							294	5.6	24.9	**13.0**	0.81	1.67	*C54*
Uterus unspecified							5	0.1	0.4	**0.2**	0.00	0.02	*C55*
Ovary							149	2.8	12.6	**6.6**	0.38	0.74	*C56*
Other female genital organs							4	0.1	0.3	**0.2**	0.01	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	9	0.1	0.8	**0.5**	0.02	0.05							*C60*
Prostate	1212	18.5	105.9	**52.6**	1.74	6.77							*C61*
Testis	73	1.1	6.4	**5.5**	0.40	0.40							*C62*
Other male genital organs	1	0.0	0.1	**0.0**	0.00	0.00							*C63*
Kidney	199	3.0	17.4	**10.4**	0.59	1.31	79	1.5	6.7	**3.8**	0.26	0.42	*C64*
Renal pelvis	20	0.3	1.7	**0.9**	0.05	0.13	10	0.2	0.8	**0.3**	0.02	0.02	*C65*
Ureter	8	0.1	0.7	**0.4**	0.00	0.05	2	0.0	0.2	**0.1**	0.00	0.01	*C66*
†Bladder	665	10.1	58.1	**30.7**	1.51	3.72	164	3.1	13.9	**6.2**	0.34	0.69	*C67*
Other urinary organs	7	0.1	0.6	**0.4**	0.01	0.06	2	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	9	0.1	0.8	**0.5**	0.04	0.06	9	0.2	0.8	**0.7**	0.04	0.05	*C69*
Brain, nervous system	113	1.7	9.9	**6.0**	0.36	0.66	104	2.0	8.8	**5.5**	0.36	0.52	*C70-72*
Thyroid	93	1.4	8.1	**6.0**	0.44	0.57	326	6.2	27.6	**19.6**	1.58	1.97	*C73*
Adrenal gland	7	0.1	0.6	**0.5**	0.02	0.04	4	0.1	0.3	**0.3**	0.01	0.01	*C74*
Other endocrine	7	0.1	0.6	**0.5**	0.04	0.05	9	0.2	0.8	**0.9**	0.06	0.06	*C75*
Hodgkin lymphoma	44	0.7	3.8	**3.5**	0.24	0.28	40	0.8	3.4	**2.9**	0.22	0.23	*C81*
Non-Hodgkin lymphoma	239	3.6	20.9	**12.8**	0.79	1.47	221	4.2	18.7	**10.1**	0.57	1.18	*C82-85,C96*
Immunoproliferative diseases	4	0.1	0.3	**0.2**	0.00	0.02	3	0.1	0.3	**0.1**	0.01	0.01	*C88*
Multiple myeloma	69	1.1	6.0	**3.2**	0.19	0.36	89	1.7	7.5	**3.4**	0.18	0.41	*C90*
Lymphoid leukaemia	74	1.1	6.5	**5.1**	0.24	0.41	57	1.1	4.8	**3.3**	0.15	0.30	*C91*
Myeloid leukaemia	90	1.4	7.9	**4.5**	0.16	0.48	75	1.4	6.3	**3.5**	0.20	0.36	*C92-94*
Leukaemia unspecified	4	0.1	0.3	**0.2**	0.01	0.02	2	0.0	0.2	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	45	0.7	3.9	**2.1**	0.11	0.23	19	0.4	1.6	**0.9**	0.05	0.10	*MPD*
Myelodysplastic syndromes	41	0.6	3.6	**1.5**	0.03	0.12	27	0.5	2.3	**1.2**	0.07	0.10	*MDS*
Other and unspecified	164	2.5	14.3	**7.3**	0.29	0.66	150	2.8	12.7	**5.1**	0.25	0.46	*O&U*
All sites	7885		689.0	**377.1**	19.05	44.82	6196		523.7	**278.6**	17.88	30.99	*C00-96*
All sites except C44	6562	100.0	573.4	**315.6**	16.05	37.35	5297	100.0	447.8	**240.5**	15.59	26.71	*C00-96 exc. C44*

† See note following population pyramid

Italy, Sondrio

REGISTRATION AREA
The Sondrio Cancer Registry covers the province of Sondrio in the Lombardy region of northern Italy. The province is predominantly mountainous, but about 68% of residents live close to sea level. Most residents live in rural areas or small towns.

CANCER CARE FACILITIES
General health care is provided through the local health authority by four public hospitals and a network of primary health centres. The hospitals provide cancer surgery, thoracic surgery, and neurosurgery, as well as haematology, radiotherapy, chemotherapy, and imaging services. About 15% of cancer patients are referred to hospitals in Milan, 120 km away.

REGISTRY STRUCTURE AND METHODS
The registry is located within and financially supported by the local health authority. It is staffed by two full-time medical doctors (epidemiology specialists), a full-time nurse (the registrar), and a part-time informatics specialist. The registry receives all Italian hospital discharge data on residents of the province, as well as precoded data from pathology laboratories and mortality databases. Registry staff members review all records involving cancer diagnosis or treatment and recode all cases. They also review uncertain cases reported by radiotherapy and chemotherapy services. When cases are first notified by death certificate, the registry contacts the practitioner for further information. Quality control procedures include evaluations of death-certificate-only (DCO) cases, external comparisons with other registries, and capture–recapture analysis with independent databases (such as those of the Italian National Registry of Mesotheliomas and the Italian Association of Hematology and Oncology). The registry began collecting incident cases in 1998.

INTERPRETING THE RESULTS
The population of the registration area is stable. No changes in the availability of diagnostic or treatment services have been detected, and there have been no changes in definition or coding. Population-based screening was initiated for breast cancer in 2000 (among women aged 50–69 years, with 78% coverage) and for colorectal cancer in 2005 (among residents aged 50–69 years, with 60% coverage).

USE OF THE DATA
The registry regularly publishes reports on cancer incidence and survival. Registry data are also used for the evaluation of health services.

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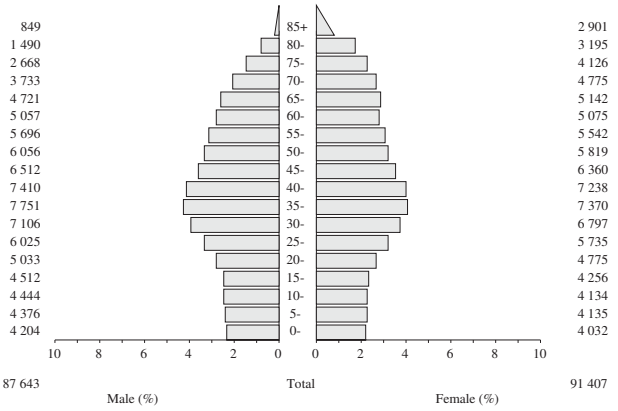
Italy, Sondrio (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	77.9	Breast	81.5
Non-melanoma skin cancer	64.3	Non-melanoma skin cancer	48.2
Trachea, bronchus and lung	60.4	Colon	19.8
Bladder	36.5	Trachea, bronchus and lung	13.3
Colon	30.1	Non-Hodgkin lymphoma	12.2
Liver	23.7	Corpus uteri	12.0
Stomach	20.5	Thyroid	10.3
Kidney	16.0	Stomach	10.2
Pancreas	13.7	Rectum	9.2
Larynx	12.7	Bladder	8.4
All sites	479.7	All sites	303.4

Italy, Sondrio (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	10	0.3	2.3	**1.1**	0.05	0.12	9	0.4	2.0	**0.5**	0.00	0.08	*C00*
Tongue	16	0.5	3.7	**2.1**	0.13	0.30	7	0.3	1.5	**0.8**	0.05	0.09	*C01-02*
Mouth	23	0.7	5.2	**3.3**	0.32	0.39	14	0.6	3.1	**1.1**	0.07	0.11	*C03-06*
Salivary glands	2	0.1	0.5	**0.3**	0.02	0.04	3	0.1	0.7	**0.3**	0.02	0.04	*C07-08*
Tonsil	12	0.4	2.7	**1.8**	0.18	0.22	1	0.0	0.2	**0.1**	0.02	0.02	*C09*
Other oropharynx	5	0.1	1.1	**0.7**	0.05	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	9	0.3	2.1	**1.2**	0.09	0.14	0	0.0	0.0	**0.0**	0.00	0.00	*C11*
Hypopharynx	12	0.4	2.7	**1.7**	0.14	0.20	5	0.2	1.1	**0.8**	0.06	0.08	*C12-13*
Pharynx unspecified	7	0.2	1.6	**0.8**	0.05	0.10	2	0.1	0.4	**0.2**	0.02	0.02	*C14*
Oesophagus	47	1.4	10.7	**5.8**	0.33	0.79	14	0.6	3.1	**1.3**	0.09	0.13	*C15*
Stomach	170	5.0	38.8	**20.5**	1.01	2.39	122	5.1	26.7	**10.2**	0.53	1.13	*C16*
Small intestine	8	0.2	1.8	**1.1**	0.08	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C17*
Colon	248	7.3	56.6	**30.1**	1.84	3.51	200	8.3	43.8	**19.8**	1.20	2.31	*C18*
Rectum	100	2.9	22.8	**12.1**	0.70	1.39	97	4.0	21.2	**9.2**	0.58	1.13	*C19-20*
Anus	8	0.2	1.8	**1.0**	0.09	0.14	17	0.7	3.7	**1.8**	0.14	0.20	*C21*
Liver	191	5.6	43.6	**23.7**	1.18	3.04	37	1.5	8.1	**2.7**	0.09	0.31	*C22*
Gallbladder etc.	34	1.0	7.8	**3.9**	0.22	0.31	29	1.2	6.3	**2.3**	0.13	0.25	*C23-24*
Pancreas	116	3.4	26.5	**13.7**	0.58	1.75	92	3.8	20.1	**6.5**	0.25	0.68	*C25*
Nose, sinuses etc.	8	0.2	1.8	**0.9**	0.02	0.11	3	0.1	0.7	**0.2**	0.02	0.02	*C30-31*
Larynx	103	3.0	23.5	**12.7**	0.73	1.61	11	0.5	2.4	**1.0**	0.05	0.16	*C32*
Trachea, bronchus and lung	524	15.5	119.6	**60.4**	2.70	7.64	145	6.0	31.7	**13.3**	0.76	1.61	*C33-34*
Other thoracic organs	9	0.3	2.1	**1.6**	0.10	0.18	3	0.1	0.7	**0.4**	0.04	0.04	*C37-38*
Bone	4	0.1	0.9	**0.7**	0.06	0.06	3	0.1	0.7	**0.9**	0.06	0.06	*C40-41*
Melanoma of skin	62	1.8	14.1	**8.3**	0.57	0.86	57	2.4	12.5	**6.1**	0.41	0.67	*C43*
Other skin	562		128.2	**64.3**	2.60	6.94	550		120.3	**48.2**	2.43	5.52	*C44*
Mesothelioma	10	0.3	2.3	**1.2**	0.04	0.19	10	0.4	2.2	**0.9**	0.04	0.12	*C45*
Kaposi sarcoma	9	0.3	2.1	**1.1**	0.07	0.17	2	0.1	0.4	**0.2**	0.02	0.02	*C46*
Connective and soft tissue	18	0.5	4.1	**2.9**	0.18	0.27	15	0.6	3.3	**1.4**	0.05	0.19	*C47+C49*
Breast	4	0.1	0.9	**0.5**	0.02	0.06	667	27.8	145.9	**81.5**	6.10	9.03	*C50*
Vulva							19	0.8	4.2	**1.3**	0.04	0.16	*C51*
Vagina							1	0.0	0.2	**0.2**	0.02	0.02	*C52*
Cervix uteri							43	1.8	9.4	**6.0**	0.47	0.61	*C53*
Corpus uteri							106	4.4	23.2	**12.0**	0.95	1.45	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							69	2.9	15.1	**8.0**	0.58	0.90	*C56*
Other female genital organs							2	0.1	0.4	**0.1**	0.00	0.00	*C57*
Placenta							1	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	5	0.1	1.1	**0.6**	0.04	0.06							*C60*
Prostate	689	20.3	157.2	**77.9**	2.95	10.70							*C61*
Testis	34	1.0	7.8	**7.0**	0.52	0.52							*C62*
Other male genital organs	2	0.1	0.5	**0.2**	0.00	0.05							*C63*
Kidney	125	3.7	28.5	**16.0**	1.11	1.89	60	2.5	13.1	**6.5**	0.32	0.76	*C64*
Renal pelvis	13	0.4	3.0	**1.6**	0.08	0.14	2	0.1	0.4	**0.1**	0.00	0.00	*C65*
Ureter	7	0.2	1.6	**0.9**	0.06	0.13	5	0.2	1.1	**0.5**	0.01	0.07	*C66*
†Bladder	303	8.9	69.1	**36.5**	1.91	4.59	91	3.8	19.9	**8.4**	0.42	1.00	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	4	0.1	0.9	**0.6**	0.05	0.07	6	0.2	1.3	**1.2**	0.04	0.13	*C69*
Brain, nervous system	41	1.2	9.4	**5.7**	0.30	0.57	37	1.5	8.1	**4.7**	0.30	0.46	*C70-72*
Thyroid	29	0.9	6.6	**4.9**	0.43	0.51	68	2.8	14.9	**10.3**	0.85	1.01	*C73*
Adrenal gland	5	0.1	1.1	**0.9**	0.02	0.05	2	0.1	0.4	**0.5**	0.03	0.03	*C74*
Other endocrine	1	0.0	0.2	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	16	0.5	3.7	**2.9**	0.17	0.24	15	0.6	3.3	**2.6**	0.18	0.24	*C81*
Non-Hodgkin lymphoma	83	2.4	18.9	**12.1**	0.85	1.17	111	4.6	24.3	**12.2**	0.83	1.39	*C82-85,C96*
Immunoproliferative diseases	4	0.1	0.9	**0.4**	0.02	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	42	1.2	9.6	**5.0**	0.29	0.55	43	1.8	9.4	**3.3**	0.14	0.41	*C90*
Lymphoid leukaemia	42	1.2	9.6	**6.4**	0.35	0.62	15	0.6	3.3	**1.6**	0.09	0.19	*C91*
Myeloid leukaemia	37	1.1	8.4	**4.4**	0.17	0.52	35	1.5	7.7	**4.4**	0.25	0.37	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	37	1.1	8.4	**4.6**	0.28	0.58	18	0.7	3.9	**2.1**	0.15	0.22	*MPD*
Myelodysplastic syndromes	23	0.7	5.2	**2.5**	0.09	0.16	17	0.7	3.7	**1.1**	0.03	0.09	*MDS*
Other and unspecified	79	2.3	18.0	**8.9**	0.33	1.01	72	3.0	15.8	**4.5**	0.17	0.37	*O&U*
All sites	3952		901.8	**479.7**	24.17	57.32	2953		646.1	**303.4**	19.12	33.93	*C00-96*
All sites except C44	3390	100.0	773.6	**415.4**	21.56	50.38	2403	100.0	525.8	**255.3**	16.69	28.41	*C00-96 exc. C44*

† See note following population pyramid

Italy, South Tyrol

REGISTRATION AREA

The South Tyrol Cancer Registry covers the autonomous province of South Tyrol, the largest province in Italy, with an area of 7400 km^2. In 2007, the population was 494 000, with 67 residents/km^2. The province is completely mountainous and is divided into 116 municipalities, of which only one has more than 100 000 residents (the city of Bolzano, with a population of 100 600). South Tyrol is trilingual; the majority of residents (62%) primarily speak German, 23% primarily speak Italian, and 4% Ladin. About 10% of residents are immigrants, who primarily speak other languages.

CANCER CARE FACILITIES

The province's seven public hospitals provide a total of 2046 beds, and private hospitals provide an additional 413 beds, for an overall rate of 5 beds per 1000 residents. A small proportion of cancer patients are treated outside the region, mostly in Innsbruck, Austria.

REGISTRY STRUCTURE AND METHODS

The registry was instituted in 1992 by the provincial government as a unit of the Histopathology Service of Bolzano and began its activity in 1995. Every case (whether reported or automatically detected) is subjected to several quality checks. All cases are coded using ICD-O-3 and checked using IARC software. The registry uses the IARC/IACR rules for multiple primary tumours. The registry has access to all death certificates issued in the registration area. The trace-back procedures recommended by IARC are always used before registering a case as death-certificate-only (DCO).

INTERPRETING THE RESULTS

There are three active screening programmes in South Tyrol. Screening was initiated for cervical cancer in 2001 (for women aged 23–65 years), for breast cancer in 2003 (for women aged 50–69 years), and for colorectal cancer in 2012 (for residents aged 50–69 years). Breast and cervical cancer incidence rates may be influenced by screening, and the increasing incidence rates of prostate cancer and melanoma may reflect increases in early diagnosis due to the widespread use of prostate-specific antigen (PSA) testing and voluntary screening, respectively.

USE OF THE DATA

The registry has been a member of the Italian network of cancer registries (AIRTUM) since 2001, and data from South Tyrol are published both in aggregate form and in comparison with data from other registries. Cancer burden estimates are used to support regional health authority programming.

CONTRIBUTORS

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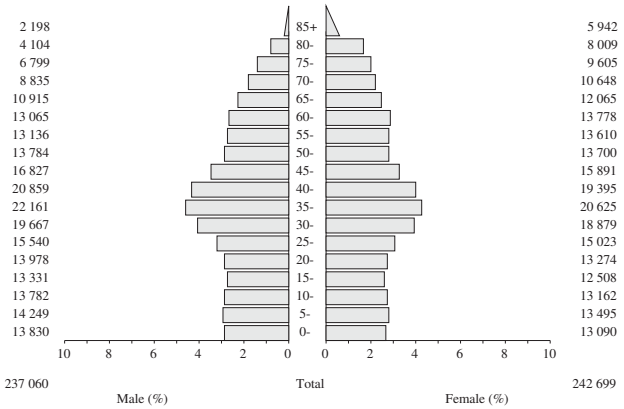
Italy, South Tyrol (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Autonomous Province of South Tyrol, Rep. 8 – Provincial Statistics Institute (ASTAT; http://www.provinz.bz.it/astat/it/service/dati-online.asp), based on annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	90.6	Breast	74.2
Trachea, bronchus and lung	34.8	Melanoma of skin	19.0
Bladder	31.1	Colon	16.4
Colon	30.2	Corpus uteri	12.2
Stomach	18.8	Trachea, bronchus and lung	11.6
Melanoma of skin	18.7	Stomach	9.4
Liver	15.8	Rectum	9.3
Non-melanoma skin cancer	15.7	Ovary	8.7
Rectum	14.4	Non-melanoma skin cancer	8.3
Non-Hodgkin lymphoma	12.5	Non-Hodgkin lymphoma	8.1
All sites	391.7	All sites	254.9

Italy, South Tyrol (2003-2006)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	12	0.2	1.3	**0.7**	0.03	0.11	5	0.1	0.5	**0.3**	0.03	0.03	*C00*
Tongue	35	0.6	3.7	**2.5**	0.20	0.26	18	0.4	1.9	**1.1**	0.08	0.12	*C01-02*
Mouth	47	0.8	5.0	**3.4**	0.28	0.36	19	0.4	2.0	**0.8**	0.05	0.10	*C03-06*
Salivary glands	8	0.1	0.8	**0.4**	0.02	0.03	9	0.2	0.9	**0.5**	0.04	0.05	*C07-08*
Tonsil	24	0.4	2.5	**1.7**	0.14	0.20	10	0.2	1.0	**0.5**	0.03	0.08	*C09*
Other oropharynx	14	0.2	1.5	**0.9**	0.06	0.09	2	0.0	0.2	**0.1**	0.02	0.02	*C10*
Nasopharynx	7	0.1	0.7	**0.6**	0.05	0.05	2	0.0	0.2	**0.0**	0.00	0.00	*C11*
Hypopharynx	49	0.8	5.2	**3.3**	0.23	0.42	4	0.1	0.4	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	30	0.5	3.2	**2.1**	0.16	0.28	7	0.2	0.7	**0.5**	0.05	0.06	*C14*
Oesophagus	99	1.6	10.4	**6.3**	0.44	0.79	17	0.4	1.8	**1.0**	0.05	0.13	*C15*
Stomach	324	5.4	34.2	**18.8**	0.82	2.17	233	5.0	24.0	**9.4**	0.40	1.06	*C16*
Small intestine	14	0.2	1.5	**0.9**	0.06	0.11	12	0.3	1.2	**0.7**	0.04	0.09	*C17*
Colon	512	8.5	54.0	**30.2**	1.50	3.53	390	8.5	40.2	**16.4**	0.72	1.90	*C18*
Rectum	241	4.0	25.4	**14.4**	0.79	1.75	192	4.2	19.8	**9.3**	0.54	1.09	*C19-20*
Anus	11	0.2	1.2	**0.7**	0.04	0.09	31	0.7	3.2	**1.5**	0.10	0.16	*C21*
Liver	256	4.3	27.0	**15.8**	0.82	2.06	75	1.6	7.7	**3.4**	0.19	0.41	*C22*
Gallbladder etc.	63	1.0	6.6	**3.5**	0.13	0.36	93	2.0	9.6	**3.9**	0.16	0.51	*C23-24*
Pancreas	165	2.7	17.4	**9.5**	0.43	0.99	169	3.7	17.4	**6.5**	0.28	0.64	*C25*
Nose, sinuses etc.	16	0.3	1.7	**1.2**	0.07	0.13	3	0.1	0.3	**0.2**	0.02	0.03	*C30-31*
Larynx	92	1.5	9.7	**5.8**	0.35	0.78	10	0.2	1.0	**0.5**	0.01	0.08	*C32*
Trachea, bronchus and lung	599	10.0	63.2	**34.8**	1.79	4.02	253	5.5	26.1	**11.6**	0.59	1.35	*C33-34*
Other thoracic organs	12	0.2	1.3	**0.8**	0.03	0.05	6	0.1	0.6	**0.3**	0.01	0.05	*C37-38*
Bone	9	0.1	0.9	**0.6**	0.04	0.06	7	0.2	0.7	**0.5**	0.03	0.04	*C40-41*
Melanoma of skin	250	4.2	26.4	**18.7**	1.28	1.93	279	6.0	28.7	**19.0**	1.42	1.85	*C43*
Other skin	286		30.2	**15.7**	0.46	1.61	244		25.1	**8.3**	0.24	0.78	*C44*
Mesothelioma	15	0.2	1.6	**0.9**	0.06	0.11	3	0.1	0.3	**0.1**	0.00	0.00	*C45*
Kaposi sarcoma	6	0.1	0.6	**0.5**	0.03	0.04	4	0.1	0.4	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	25	0.4	2.6	**2.0**	0.12	0.18	26	0.6	2.7	**1.6**	0.07	0.14	*C47+C49*
Breast	12	0.2	1.3	**0.8**	0.05	0.08	1212	26.3	124.8	**74.2**	5.45	8.28	*C50*
Vulva							35	0.8	3.6	**1.6**	0.09	0.17	*C51*
Vagina							6	0.1	0.6	**0.3**	0.02	0.03	*C52*
Cervix uteri							84	1.8	8.7	**5.9**	0.46	0.58	*C53*
Corpus uteri							216	4.7	22.2	**12.2**	0.79	1.61	*C54*
Uterus unspecified							13	0.3	1.3	**0.9**	0.06	0.09	*C55*
Ovary							160	3.5	16.5	**8.7**	0.52	0.95	*C56*
Other female genital organs							3	0.1	0.3	**0.2**	0.00	0.03	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	10	0.2	1.1	**0.6**	0.03	0.06							*C60*
Prostate	1486	24.7	156.7	**90.6**	4.13	12.33							*C61*
Testis	94	1.6	9.9	**8.7**	0.66	0.66							*C62*
Other male genital organs	4	0.1	0.4	**0.2**	0.02	0.03							*C63*
Kidney	166	2.8	17.5	**10.6**	0.60	1.39	103	2.2	10.6	**5.3**	0.32	0.62	*C64*
Renal pelvis	11	0.2	1.2	**0.6**	0.03	0.06	2	0.0	0.2	**0.1**	0.00	0.01	*C65*
Ureter	9	0.1	0.9	**0.6**	0.03	0.09	4	0.1	0.4	**0.2**	0.01	0.02	*C66*
†Bladder	536	8.9	56.5	**31.1**	1.34	3.45	173	3.7	17.8	**7.9**	0.34	0.99	*C67*
Other urinary organs	4	0.1	0.4	**0.2**	0.02	0.02	2	0.0	0.2	**0.0**	0.00	0.00	*C68*
Eye	7	0.1	0.7	**0.5**	0.04	0.05	12	0.3	1.2	**0.9**	0.06	0.07	*C69*
Brain, nervous system	78	1.3	8.2	**6.1**	0.42	0.69	62	1.3	6.4	**3.9**	0.25	0.42	*C70-72*
Thyroid	39	0.6	4.1	**3.1**	0.22	0.33	96	2.1	9.9	**7.7**	0.55	0.75	*C73*
Adrenal gland	3	0.0	0.3	**0.4**	0.02	0.03	4	0.1	0.4	**0.2**	0.02	0.02	*C74*
Other endocrine	3	0.0	0.3	**0.5**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	32	0.5	3.4	**3.0**	0.19	0.25	24	0.5	2.5	**2.4**	0.17	0.19	*C81*
Non-Hodgkin lymphoma	199	3.3	21.0	**12.5**	0.68	1.37	151	3.3	15.6	**8.1**	0.47	0.83	*C82-85,C96*
Immunoproliferative diseases	8	0.1	0.8	**0.4**	0.03	0.04	4	0.1	0.4	**0.1**	0.00	0.01	*C88*
Multiple myeloma	52	0.9	5.5	**3.1**	0.19	0.31	63	1.4	6.5	**2.7**	0.10	0.38	*C90*
Lymphoid leukaemia	75	1.2	7.9	**6.3**	0.33	0.53	45	1.0	4.6	**2.2**	0.11	0.13	*C91*
Myeloid leukaemia	53	0.9	5.6	**3.3**	0.13	0.41	57	1.2	5.9	**2.7**	0.14	0.26	*C92-94*
Leukaemia unspecified	3	0.0	0.3	**0.4**	0.03	0.03	2	0.0	0.2	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	38	0.6	4.0	**2.4**	0.14	0.32	37	0.8	3.8	**2.2**	0.14	0.25	*MPD*
Myelodysplastic syndromes	46	0.8	4.9	**2.2**	0.04	0.15	48	1.0	4.9	**1.7**	0.04	0.17	*MDS*
Other and unspecified	114	1.9	12.0	**6.7**	0.34	0.69	117	2.5	12.1	**4.1**	0.14	0.32	*O&U*
All sites	6303		664.7	**391.7**	20.12	45.99	4858		500.4	**254.9**	15.45	27.99	*C00-96*
All sites except C44	6017	100.0	634.6	**376.0**	19.67	44.38	4614	100.0	475.3	**246.6**	15.20	27.21	*C00-96 exc. C44*

† See note following population pyramid

Italy, Syracuse

REGISTRATION AREA

The Siracusa Province Cancer Registry covers the province of Syracuse, which is located in the south-eastern part of the autonomous region of Sicily and is divided into 21 municipalities. About 25% of the population is rural and 75% is urban. Most of the population is Caucasian, and Catholicism is the prevalent religion.

CANCER CARE FACILITIES

There are five public hospitals, five certified private hospitals, and 392 general practitioners. Two hospitals have medical oncology units with chemotherapy services. There are no radiotherapy services. Many patients travel to hospitals in Catania or northern Italy for diagnosis and treatment.

REGISTRY STRUCTURE AND METHODS

The registry is staffed by one full-time and two part-time epidemiologists, a full-time nurse, and a full-time registrar (a health worker). Cancer registration is voluntary and based on active case finding. Trace-back is performed for cases of unspecified behaviour, of unknown primary site, with outpatient records as the only source, or with other missing information, as well as for death certificate notifications. Trace-back procedures include contacting the physician and re-screening the data. Personal data are protected in compliance with Italian law.

INTERPRETING THE RESULTS

Population-based screening programmes for breast cancer and cervical cancer were implemented in 2001, but only covering the city of Syracuse (the provincial capital). The breast cancer screening programme was suspended in 2004 and resumed in some municipalities in 2012. A province-wide screening programme for colorectal cancer has been active since 2011. The environmental and occupational exposures present in the province are those typical of areas with large petrochemical plants.

USE OF THE DATA

The registry reports its data and collaborates with other Italian institutes and registries to investigate research topics such as the relationship between environment and health in the area and the impact of screening programmes within the population.

CONTRIBUTORS

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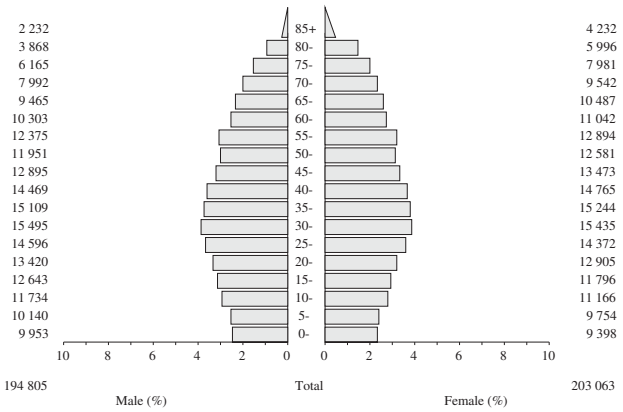
Italy, Syracuse (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	62.4	Breast	63.6
Trachea, bronchus and lung	44.3	Non-melanoma skin cancer	27.5
Bladder	37.7	Colon	16.4
Prostate	37.6	Thyroid	15.4
Colon	20.3	Corpus uteri	12.7
Liver	14.9	Trachea, bronchus and lung	8.2
Rectum	11.9	Non-Hodgkin lymphoma	7.3
Non-Hodgkin lymphoma	11.1	Ovary	7.0
Stomach	9.3	Rectum	6.9
Pancreas	7.9	Pancreas	6.0
All sites	339.0	All sites	234.6

Italy, Syracuse (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	19	0.4	2.0	**1.1**	0.05	0.15	1	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	19	0.4	2.0	**1.1**	0.08	0.15	22	0.6	2.2	**1.2**	0.08	0.13	*C01-02*
Mouth	27	0.6	2.8	**1.7**	0.12	0.22	14	0.4	1.4	**0.6**	0.03	0.05	*C03-06*
Salivary glands	7	0.1	0.7	**0.5**	0.04	0.05	12	0.3	1.2	**0.7**	0.05	0.06	*C07-08*
Tonsil	7	0.1	0.7	**0.4**	0.04	0.06	2	0.1	0.2	**0.1**	0.01	0.02	*C09*
Other oropharynx	1	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	10	0.2	1.0	**0.6**	0.05	0.07	5	0.1	0.5	**0.5**	0.03	0.04	*C11*
Hypopharynx	4	0.1	0.4	**0.3**	0.03	0.03	2	0.1	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	6	0.1	0.6	**0.4**	0.03	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	26	0.5	2.7	**1.4**	0.06	0.18	11	0.3	1.1	**0.4**	0.01	0.05	*C15*
Stomach	179	3.7	18.4	**9.3**	0.38	1.05	97	2.6	9.6	**4.4**	0.28	0.46	*C16*
Small intestine	5	0.1	0.5	**0.2**	0.01	0.03	12	0.3	1.2	**0.7**	0.04	0.09	*C17*
Colon	378	7.8	38.8	**20.3**	1.02	2.52	368	9.8	36.2	**16.4**	0.83	1.94	*C18*
Rectum	207	4.3	21.3	**11.9**	0.73	1.36	144	3.8	14.2	**6.9**	0.45	0.82	*C19-20*
Anus	10	0.2	1.0	**0.6**	0.04	0.09	4	0.1	0.4	**0.1**	0.01	0.02	*C21*
Liver	255	5.3	26.2	**14.9**	0.83	1.89	120	3.2	11.8	**4.6**	0.14	0.58	*C22*
Gallbladder etc.	62	1.3	6.4	**3.5**	0.22	0.40	97	2.6	9.6	**3.9**	0.19	0.52	*C23-24*
Pancreas	147	3.0	15.1	**7.9**	0.37	0.94	142	3.8	14.0	**6.0**	0.32	0.67	*C25*
Nose, sinuses etc.	8	0.2	0.8	**0.4**	0.02	0.03	2	0.1	0.2	**0.1**	0.00	0.01	*C30-31*
Larynx	122	2.5	12.5	**7.6**	0.53	1.01	7	0.2	0.7	**0.4**	0.03	0.05	*C32*
Trachea, bronchus and lung	802	16.5	82.3	**44.3**	2.26	5.68	161	4.3	15.9	**8.2**	0.51	0.90	*C33-34*
Other thoracic organs	14	0.3	1.4	**0.8**	0.03	0.09	5	0.1	0.5	**0.4**	0.02	0.02	*C37-38*
Bone	15	0.3	1.5	**1.3**	0.08	0.13	8	0.2	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	83	1.7	8.5	**6.0**	0.43	0.65	65	1.7	6.4	**4.7**	0.32	0.44	*C43*
Other skin	1162		119.3	**62.4**	3.06	7.31	563		55.5	**27.5**	1.55	3.16	*C44*
Mesothelioma	42	0.9	4.3	**2.4**	0.13	0.36	9	0.2	0.9	**0.5**	0.04	0.07	*C45*
Kaposi sarcoma	11	0.2	1.1	**0.6**	0.02	0.08	6	0.2	0.6	**0.2**	0.00	0.02	*C46*
Connective and soft tissue	45	0.9	4.6	**2.8**	0.18	0.25	26	0.7	2.6	**1.7**	0.11	0.18	*C47+C49*
Breast	16	0.3	1.6	**0.9**	0.04	0.10	1064	28.4	104.8	**63.6**	4.70	7.15	*C50*
Vulva							22	0.6	2.2	**1.0**	0.06	0.10	*C51*
Vagina							7	0.2	0.7	**0.4**	0.01	0.06	*C52*
Cervix uteri							76	2.0	7.5	**5.0**	0.39	0.53	*C53*
Corpus uteri							227	6.1	22.4	**12.7**	0.94	1.55	*C54*
Uterus unspecified							36	1.0	3.5	**1.6**	0.09	0.16	*C55*
Ovary							123	3.3	12.1	**7.0**	0.44	0.78	*C56*
Other female genital organs							10	0.3	1.0	**0.4**	0.03	0.05	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	12	0.2	1.2	**0.8**	0.04	0.06							*C60*
Prostate	767	15.8	78.7	**37.6**	1.19	4.79							*C61*
Testis	57	1.2	5.9	**5.3**	0.38	0.39							*C62*
Other male genital organs	4	0.1	0.4	**0.3**	0.02	0.02							*C63*
Kidney	99	2.0	10.2	**6.5**	0.44	0.71	48	1.3	4.7	**3.1**	0.17	0.30	*C64*
Renal pelvis	10	0.2	1.0	**0.6**	0.04	0.07	2	0.1	0.2	**0.1**	0.02	0.02	*C65*
Ureter	6	0.1	0.6	**0.4**	0.03	0.06	2	0.1	0.2	**0.1**	0.01	0.01	*C66*
Bladder	683	14.1	70.1	**37.7**	1.93	4.76	104	2.8	10.2	**4.7**	0.27	0.56	*C67*
Other urinary organs	5	0.1	0.5	**0.3**	0.01	0.04	1	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	9	0.2	0.9	**0.6**	0.04	0.06	7	0.2	0.7	**0.5**	0.04	0.05	*C69*
Brain, nervous system	83	1.7	8.5	**5.5**	0.30	0.61	68	1.8	6.7	**4.0**	0.23	0.39	*C70-72*
Thyroid	56	1.2	5.7	**4.6**	0.36	0.43	196	5.2	19.3	**15.4**	1.24	1.43	*C73*
Adrenal gland	2	0.0	0.2	**0.1**	0.01	0.01	3	0.1	0.3	**0.2**	0.02	0.02	*C74*
Other endocrine	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	29	0.6	3.0	**2.5**	0.17	0.21	26	0.7	2.6	**2.6**	0.18	0.19	*C81*
Non-Hodgkin lymphoma	161	3.3	16.5	**11.1**	0.71	1.18	128	3.4	12.6	**7.3**	0.45	0.80	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	59	1.2	6.1	**3.0**	0.11	0.36	52	1.4	5.1	**2.0**	0.07	0.22	*C90*
Lymphoid leukaemia	59	1.2	6.1	**4.3**	0.22	0.43	39	1.0	3.8	**3.3**	0.19	0.28	*C91*
Myeloid leukaemia	60	1.2	6.2	**3.6**	0.20	0.33	34	0.9	3.3	**2.2**	0.11	0.24	*C92-94*
Leukaemia unspecified	7	0.1	0.7	**0.4**	0.01	0.05	4	0.1	0.4	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	29	0.6	3.0	**1.8**	0.11	0.20	14	0.4	1.4	**0.9**	0.05	0.10	*MPD*
Myelodysplastic syndromes	16	0.3	1.6	**0.7**	0.00	0.08	18	0.5	1.8	**0.8**	0.04	0.10	*MDS*
Other and unspecified	110	2.3	11.3	**5.4**	0.21	0.53	91	2.4	9.0	**4.1**	0.18	0.41	*O&U*
All sites	6014		617.4	**339.0**	17.44	40.31	4309		424.4	**234.6**	15.04	25.90	*C00-96*
All sites except C44	4852	100.0	498.1	**276.6**	14.38	33.00	3746	100.0	368.9	**207.1**	13.50	22.75	*C00-96 exc. C44*

Italy, Trapani

REGISTRATION AREA

The Trapani Cancer Registry covers the province of Trapani, which is located in the west of the autonomous region of Sicily in Italy. At the 2001 census, the covered population was 425 000. The province of Trapani is divided into 24 municipalities and includes the volcanic Aegadian Islands and the island of Pantelleria. Trapani is one of the most urbanized provinces in Sicily, with about 149 000 households and a population density of approximately 167 residents/km^2. However, the province is still mainly rural, with few industrial sites or areas of high environmental risk. The population is primarily Catholic, and 19% of residents are aged more than 64 years.

CANCER CARE FACILITIES

There are seven hospitals (two with pathology departments), two private clinics (with external pathology services), and three medical oncology services, but no radiotherapy services. Italy's national cancer control plan provides high diagnostic and therapeutic standards nationwide.

REGISTRY STRUCTURE AND METHODS

The registry was established in February 2003 and is part of the Italian network of cancer registries (AIRTUM). The registry's legal framework includes national and regional laws that establish the registry as a tool for monitoring population health and specify the registry's source of funding. The registry staff consists of a medical director and three external consultants (two biologists and a food technologist). Data collection is mainly active, with few passive notifications. The coded data are recorded using dedicated software and checked with CheckAIRTUM and IARC-CHECK software. Registry data are geocoded to facilitate the analysis of registration results.

INTERPRETING THE RESULTS

There are no known unusual environmental or occupational exposures in the registration area. The main factor that could influence incidence rates is the recent initiation of organized screening programmes for cervical, colorectal, and breast cancers.

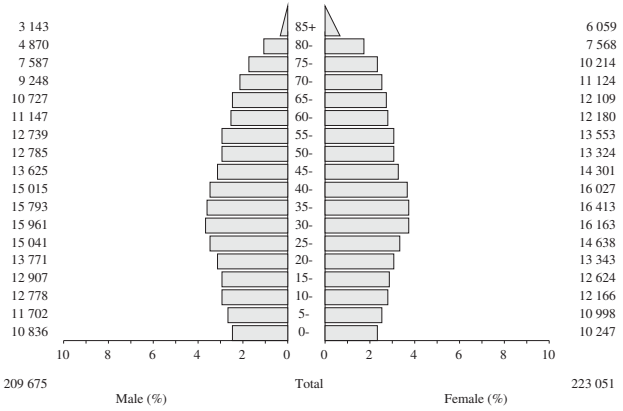
USE OF THE DATA

Registry data are periodically published and are used in AIRTUM research and in regional studies.

CONTRIBUTORS

Giuseppina Candela
Tiziana Scuderi
Vitarosa Taranto
Giuseppe Crapanzano

Italy, Trapani (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	53.2	Breast	61.3
Trachea, bronchus and lung	38.9	Non-melanoma skin cancer	23.4
Bladder	36.9	Colon	14.8
Prostate	33.1	Corpus uteri	14.2
Colon	18.4	Thyroid	12.1
Rectum	9.7	Ovary	8.5
Liver	8.5	Melanoma of skin	7.9
Stomach	8.4	Rectum	7.6
Kidney	8.2	Trachea, bronchus and lung	6.6
Melanoma of skin	7.9	Non-Hodgkin lymphoma	5.9
All sites	313.5	All sites	224.8

Italy, Trapani (2003-2006)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	51	1.2	6.1	**3.2**	0.19	0.39	1	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	10	0.2	1.2	**0.7**	0.05	0.08	11	0.3	1.2	**0.6**	0.05	0.08	*C01-02*
Mouth	15	0.4	1.8	**1.1**	0.07	0.13	10	0.3	1.1	**0.4**	0.03	0.04	*C03-06*
Salivary glands	16	0.4	1.9	**1.0**	0.04	0.13	6	0.2	0.7	**0.4**	0.02	0.04	*C07-08*
Tonsil	5	0.1	0.6	**0.3**	0.01	0.03	1	0.0	0.1	**0.1**	0.00	0.01	*C09*
Other oropharynx	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	22	0.5	2.6	**1.8**	0.15	0.20	7	0.2	0.8	**0.7**	0.05	0.07	*C11*
Hypopharynx	1	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	1	0.0	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	28	0.7	3.3	**1.5**	0.08	0.14	12	0.4	1.3	**0.5**	0.02	0.07	*C15*
Stomach	151	3.6	18.0	**8.4**	0.40	1.00	85	2.5	9.5	**4.1**	0.18	0.52	*C16*
Small intestine	17	0.4	2.0	**1.4**	0.08	0.18	11	0.3	1.2	**0.7**	0.05	0.08	*C17*
Colon	310	7.5	37.0	**18.4**	0.90	2.36	296	8.8	33.2	**14.8**	0.81	1.77	*C18*
Rectum	163	3.9	19.4	**9.7**	0.52	1.13	150	4.5	16.8	**7.6**	0.43	0.95	*C19-20*
Anus	13	0.3	1.6	**0.9**	0.07	0.12	11	0.3	1.2	**0.6**	0.03	0.06	*C21*
Liver	139	3.3	16.6	**8.5**	0.43	1.10	84	2.5	9.4	**3.5**	0.08	0.37	*C22*
Gallbladder etc.	55	1.3	6.6	**3.0**	0.10	0.35	81	2.4	9.1	**3.1**	0.10	0.38	*C23-24*
Pancreas	104	2.5	12.4	**5.9**	0.26	0.74	108	3.2	12.1	**4.8**	0.23	0.57	*C25*
Nose, sinuses etc.	7	0.2	0.8	**0.4**	0.01	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	116	2.8	13.8	**7.9**	0.55	1.02	3	0.1	0.3	**0.2**	0.01	0.03	*C32*
Trachea, bronchus and lung	638	15.4	76.1	**38.9**	2.12	4.97	126	3.8	14.1	**6.6**	0.41	0.82	*C33-34*
Other thoracic organs	14	0.3	1.7	**1.0**	0.07	0.12	6	0.2	0.7	**0.4**	0.03	0.04	*C37-38*
Bone	7	0.2	0.8	**0.9**	0.06	0.07	13	0.4	1.5	**1.2**	0.08	0.09	*C40-41*
Melanoma of skin	99	2.4	11.8	**7.9**	0.59	0.80	97	2.9	10.9	**7.9**	0.64	0.77	*C43*
Other skin	913		108.9	**53.2**	2.59	6.36	449		50.3	**23.4**	1.30	2.73	*C44*
Mesothelioma	14	0.3	1.7	**0.6**	0.01	0.07	6	0.2	0.7	**0.3**	0.02	0.02	*C45*
Kaposi sarcoma	16	0.4	1.9	**0.7**	0.02	0.08	9	0.3	1.0	**0.4**	0.02	0.04	*C46*
Connective and soft tissue	41	1.0	4.9	**3.0**	0.18	0.29	19	0.6	2.1	**1.3**	0.11	0.14	*C47+C49*
Breast	9	0.2	1.1	**0.6**	0.04	0.08	927	27.7	103.9	**61.3**	4.59	6.83	*C50*
Vulva							38	1.1	4.3	**1.5**	0.05	0.16	*C51*
Vagina							4	0.1	0.4	**0.3**	0.03	0.04	*C52*
Cervix uteri							64	1.9	7.2	**4.3**	0.34	0.50	*C53*
Corpus uteri							227	6.8	25.4	**14.2**	1.10	1.82	*C54*
Uterus unspecified							2	0.1	0.2	**0.0**	0.00	0.00	*C55*
Ovary							131	3.9	14.7	**8.5**	0.63	0.97	*C56*
Other female genital organs							5	0.1	0.6	**0.2**	0.02	0.02	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	17	0.4	2.0	**1.1**	0.04	0.12							*C60*
Prostate	628	15.1	74.9	**33.1**	1.23	4.16							*C61*
Testis	50	1.2	6.0	**6.0**	0.42	0.42							*C62*
Other male genital organs	2	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	123	3.0	14.7	**8.2**	0.54	0.94	58	1.7	6.5	**3.6**	0.22	0.36	*C64*
Renal pelvis	13	0.3	1.6	**0.8**	0.03	0.09	5	0.1	0.6	**0.3**	0.03	0.04	*C65*
Ureter	6	0.1	0.7	**0.4**	0.02	0.06	1	0.0	0.1	**0.1**	0.00	0.01	*C66*
†Bladder	625	15.0	74.5	**36.9**	1.86	4.65	101	3.0	11.3	**4.3**	0.22	0.53	*C67*
Other urinary organs	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	3	0.1	0.4	**0.3**	0.02	0.03	3	0.1	0.3	**0.4**	0.02	0.02	*C69*
Brain, nervous system	87	2.1	10.4	**6.7**	0.43	0.78	53	1.6	5.9	**3.4**	0.23	0.35	*C70-72*
Thyroid	49	1.2	5.8	**4.5**	0.37	0.44	134	4.0	15.0	**12.1**	0.97	1.16	*C73*
Adrenal gland	4	0.1	0.5	**0.7**	0.04	0.04	4	0.1	0.4	**0.6**	0.03	0.04	*C74*
Other endocrine	1	0.0	0.1	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	23	0.6	2.7	**2.3**	0.16	0.21	30	0.9	3.4	**3.8**	0.24	0.27	*C81*
Non-Hodgkin lymphoma	100	2.4	11.9	**7.5**	0.49	0.81	96	2.9	10.8	**5.9**	0.37	0.64	*C82-85,C96*
Immunoproliferative diseases	3	0.1	0.4	**0.2**	0.01	0.04	1	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	71	1.7	8.5	**4.0**	0.19	0.49	69	2.1	7.7	**3.1**	0.15	0.37	*C90*
Lymphoid leukaemia	69	1.7	8.2	**5.9**	0.32	0.52	60	1.8	6.7	**4.6**	0.22	0.36	*C91*
Myeloid leukaemia	69	1.7	8.2	**4.5**	0.26	0.46	40	1.2	4.5	**2.1**	0.11	0.19	*C92-94*
Leukaemia unspecified	5	0.1	0.6	**0.4**	0.02	0.03	3	0.1	0.3	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	43	1.0	5.1	**2.9**	0.17	0.28	31	0.9	3.5	**2.1**	0.14	0.26	*MPD*
Myelodysplastic syndromes	13	0.3	1.6	**0.8**	0.04	0.09	16	0.5	1.8	**0.6**	0.02	0.07	*MDS*
Other and unspecified	88	2.1	10.5	**4.9**	0.22	0.54	91	2.7	10.2	**3.6**	0.15	0.38	*O&U*
All sites	5068		604.3	**313.5**	16.55	37.26	3798		425.7	**224.8**	14.55	25.11	*C00-96*
All sites except C44	4155	100.0	495.4	**260.3**	13.96	30.90	3349	100.0	375.4	**201.4**	13.25	22.38	*C00-96 exc. C44*

† See note following population pyramid

Italy, Trento

REGISTRATION AREA

The Trento Cancer Registry covers the autonomous province of Trentino in Italy. Trentino is mostly mountainous. Trento (the capital city) has a population of 115 000. The presence of industry is limited. The services sector, particularly tourism, is the major economic industry. In previous editions of *Cancer Incidence in Five Continents* (Volumes VIII and IX), Trento Cancer Registry data were included in the data from the North East Cancer Surveillance Network (NEICSAN), together with data for the province of South Tyrol (also called Bolzano) and the Friuli-Venezia Giulia region.

CANCER CARE FACILITIES

Trentino has 11 local health districts of various sizes. Hospital services are provided by seven public hospitals and six private clinics. Cancer patients are generally treated at Santa Chiara Hospital in the city of Trento, which has oncology and radiotherapy departments. A small proportion of cancer patients (particularly children and patients with haematological malignancies) are treated outside the province.

REGISTRY STRUCTURE AND METHODS

The registry is located within the epidemiology department of Trentino's local health authority. The staff consists of a medical director, an epidemiologist, a statistician, and two data collection officers. Incidence data are collected using automated cancer registration methods, which rely on electronic submission of cancer cases (coded using ICD and SNOMED) by pathology departments and hospitals, and on electronic submission of population files and death certificates by population offices. The registration process involves record linkage procedures that include analysis of electronic records, ascertainment of prevalent cases, case consolidation, and quality control. The IARC-CHECK program is used for quality control checks and to check quality indicators, such as the percentage of microscopically verified cases, the percentage of death-certificate-only (DCO) cases, and the mortality-to-incidence ratio.

INTERPRETING THE RESULTS

There are three organized cancer screening programmes. Screening was initiated for cervical cancer in 1993, for breast cancer in 2000, and for colorectal cancer in 2007.

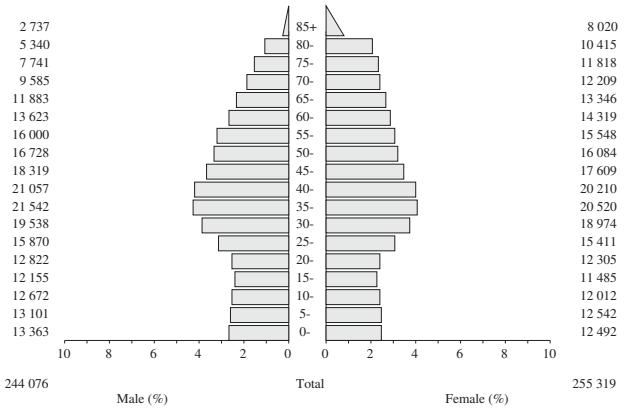
USE OF THE DATA

The registry's main task is planning surveillance and preventive programmes. Registry data are also used to evaluate cancer screening programmes and to investigate causes of cancer.

CONTRIBUTORS

Silvano Piffer
Roberto Rizzello
Maria Gentilini
Maddalena Cappelletti

Italy, Trento (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Trento provincial office of the Italian National Institute of Statistics (ISTAT).

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	56.1	Breast	80.7
Prostate	55.0	Non-melanoma skin cancer	43.8
Trachea, bronchus and lung	37.4	Colon	13.9
Bladder	26.3	Corpus uteri	12.6
Colon	22.4	Thyroid	12.2
Rectum	17.3	Trachea, bronchus and lung	10.1
Liver	15.5	Non-Hodgkin lymphoma	8.4
Stomach	14.2	Rectum	8.2
Other and unspecified	10.9	Ovary	8.0
Non-Hodgkin lymphoma	10.7	Stomach	7.2
All sites	367.7	All sites	279.5

Italy, Trento (2003-2006)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	32	0.6	3.3	**1.6**	0.08	0.16	7	0.1	0.7	**0.1**	0.00	0.01	*C00*
Tongue	36	0.6	3.7	**2.1**	0.12	0.28	10	0.2	1.0	**0.5**	0.04	0.06	*C01-02*
Mouth	65	1.1	6.7	**3.6**	0.24	0.43	21	0.4	2.1	**0.6**	0.03	0.07	*C03-06*
Salivary glands	11	0.2	1.1	**0.6**	0.06	0.06	6	0.1	0.6	**0.3**	0.01	0.03	*C07-08*
Tonsil	16	0.3	1.6	**1.1**	0.09	0.12	4	0.1	0.4	**0.2**	0.02	0.03	*C09*
Other oropharynx	24	0.4	2.5	**1.5**	0.11	0.17	5	0.1	0.5	**0.3**	0.02	0.03	*C10*
Nasopharynx	12	0.2	1.2	**0.7**	0.03	0.07	5	0.1	0.5	**0.3**	0.03	0.03	*C11*
Hypopharynx	42	0.7	4.3	**2.7**	0.22	0.32	4	0.1	0.4	**0.3**	0.03	0.03	*C12-13*
Pharynx unspecified	14	0.2	1.4	**0.8**	0.06	0.08	1	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	124	2.2	12.7	**6.5**	0.40	0.76	23	0.5	2.3	**0.7**	0.01	0.10	*C15*
Stomach	279	4.9	28.6	**14.2**	0.63	1.64	211	4.3	20.7	**7.2**	0.32	0.80	*C16*
Small intestine	27	0.5	2.8	**1.4**	0.06	0.18	20	0.4	2.0	**0.6**	0.01	0.08	*C17*
Colon	428	7.5	43.8	**22.4**	1.05	2.79	377	7.7	36.9	**13.9**	0.66	1.71	*C18*
Rectum	318	5.6	32.6	**17.3**	0.87	2.22	180	3.7	17.6	**8.2**	0.52	1.04	*C19-20*
Anus	8	0.1	0.8	**0.4**	0.04	0.04	14	0.3	1.4	**0.5**	0.01	0.06	*C21*
Liver	296	5.2	30.3	**15.5**	0.70	1.94	83	1.7	8.1	**2.7**	0.08	0.35	*C22*
Gallbladder etc.	61	1.1	6.2	**2.8**	0.11	0.24	100	2.1	9.8	**3.2**	0.12	0.37	*C23-24*
Pancreas	164	2.9	16.8	**9.3**	0.49	1.16	187	3.8	18.3	**6.7**	0.31	0.79	*C25*
Nose, sinuses etc.	9	0.2	0.9	**0.6**	0.04	0.08	4	0.1	0.4	**0.2**	0.02	0.02	*C30-31*
Larynx	120	2.1	12.3	**7.1**	0.45	0.91	14	0.3	1.4	**0.8**	0.06	0.11	*C32*
Trachea, bronchus and lung	732	12.9	75.0	**37.4**	1.72	4.56	243	5.0	23.8	**10.1**	0.63	1.23	*C33-34*
Other thoracic organs	10	0.2	1.0	**0.5**	0.03	0.04	6	0.1	0.6	**0.4**	0.02	0.04	*C37-38*
Bone	15	0.3	1.5	**1.4**	0.09	0.11	3	0.1	0.3	**0.4**	0.02	0.03	*C40-41*
Melanoma of skin	114	2.0	11.7	**7.5**	0.47	0.80	108	2.2	10.6	**7.1**	0.51	0.68	*C43*
Other skin	1024		104.9	**56.1**	2.95	6.47	985		96.4	**43.8**	2.84	4.70	*C44*
Mesothelioma	19	0.3	1.9	**1.1**	0.07	0.16	8	0.2	0.8	**0.3**	0.01	0.04	*C45*
Kaposi sarcoma	12	0.2	1.2	**0.8**	0.04	0.09	8	0.2	0.8	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	42	0.7	4.3	**2.9**	0.19	0.28	44	0.9	4.3	**3.0**	0.17	0.26	*C47+C49*
Breast	9	0.2	0.9	**0.5**	0.02	0.07	1482	30.4	145.1	**80.7**	6.03	9.11	*C50*
Vulva							41	0.8	4.0	**1.5**	0.08	0.19	*C51*
Vagina							11	0.2	1.1	**0.5**	0.02	0.05	*C52*
Cervix uteri							60	1.2	5.9	**3.6**	0.31	0.38	*C53*
Corpus uteri							229	4.7	22.4	**12.6**	0.93	1.53	*C54*
Uterus unspecified							4	0.1	0.4	**0.2**	0.02	0.02	*C55*
Ovary							150	3.1	14.7	**8.0**	0.57	0.82	*C56*
Other female genital organs							54	1.1	5.3	**2.8**	0.19	0.30	*C57*
Placenta							4	0.1	0.4	**0.4**	0.03	0.03	*C58*
Penis	15	0.3	1.5	**0.8**	0.04	0.09							*C60*
Prostate	1060	18.7	108.6	**55.0**	2.22	7.65							*C61*
Testis	80	1.4	8.2	**7.5**	0.55	0.55							*C62*
Other male genital organs	5	0.1	0.5	**0.4**	0.02	0.04							*C63*
Kidney	144	2.5	14.7	**8.3**	0.46	1.05	70	1.4	6.9	**3.5**	0.20	0.35	*C64*
Renal pelvis	9	0.2	0.9	**0.5**	0.03	0.04	5	0.1	0.5	**0.1**	0.00	0.02	*C65*
Ureter	4	0.1	0.4	**0.2**	0.02	0.03	3	0.1	0.3	**0.2**	0.02	0.03	*C66*
†Bladder	494	8.7	50.6	**26.3**	1.35	3.18	164	3.4	16.1	**6.7**	0.38	0.78	*C67*
Other urinary organs	52	0.9	5.3	**2.4**	0.07	0.25	31	0.6	3.0	**1.0**	0.04	0.09	*C68*
Eye	9	0.2	0.9	**0.6**	0.02	0.05	7	0.1	0.7	**0.5**	0.05	0.05	*C69*
Brain, nervous system	78	1.4	8.0	**5.2**	0.35	0.56	72	1.5	7.1	**5.0**	0.32	0.53	*C70-72*
Thyroid	46	0.8	4.7	**3.5**	0.27	0.31	157	3.2	15.4	**12.2**	1.00	1.11	*C73*
Adrenal gland	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	2	0.0	0.2	**0.1**	0.01	0.01	2	0.0	0.2	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	34	0.6	3.5	**2.6**	0.16	0.23	42	0.9	4.1	**3.8**	0.25	0.29	*C81*
Non-Hodgkin lymphoma	184	3.2	18.8	**10.7**	0.59	1.18	185	3.8	18.1	**8.4**	0.49	0.87	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	65	1.1	6.7	**3.3**	0.16	0.36	73	1.5	7.1	**2.7**	0.13	0.32	*C90*
Lymphoid leukaemia	59	1.0	6.0	**4.8**	0.24	0.40	54	1.1	5.3	**3.3**	0.14	0.22	*C91*
Myeloid leukaemia	70	1.2	7.2	**4.0**	0.19	0.39	72	1.5	7.1	**3.4**	0.18	0.34	*C92-94*
Leukaemia unspecified	4	0.1	0.4	**0.1**	0.00	0.01	5	0.1	0.5	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	221	3.9	22.6	**10.9**	0.44	1.18	198	4.1	19.4	**5.6**	0.22	0.53	*O&U*
All sites	6699		686.2	**367.7**	18.66	43.81	5856		573.4	**279.5**	18.08	30.64	*C00-96*
All sites except C44	5675	100.0	581.3	**311.6**	15.70	37.34	4871	100.0	477.0	**235.7**	15.24	25.95	*C00-96 exc. C44*

† See note following population pyramid

Italy, Turin

REGISTRATION AREA
The Piedmont Torino City Cancer Registry covers the population of Turin, which is the capital city of both the province of Turin and the Piedmont region of north-western Italy. At the 2005 census, the population was 902 000, with demographics influenced by important migrations; 35% of residents were born in another region of Italy, and 5–8% (mainly young adults) were from other countries, particularly Romania and northern African countries.

CANCER CARE FACILITIES
Turin has 14 public hospitals and 12 private clinics that offer cancer treatment.

REGISTRY STRUCTURE AND METHODS
The registry is affiliated with the Piedmont Reference Centre for Epidemiology and Cancer Prevention (CPO Piemonte). It is staffed by a director, two epidemiologists, and four registrars. The registry's main data sources are hospital records and discharge forms, pathology reports, outpatient and radiotherapy service records, health insurance files (for patients treated outside the region), and death certificates. Almost all registration is active. Follow-up procedures include periodic record linkage with the mortality registry and consultation of municipal records.

INTERPRETING THE RESULTS
In recent years, cancer incidence has stabilized in both sexes (after having increased until the end of the 20th century). Rates of tobacco- and alcohol-related cancers are clearly decreasing in both sexes (with the exception of lung cancer in females). On the other hand, crude rates are increasing as the population ages. Among men, the trend of increasing prostate cancer incidence has had a substantial effect on the incidence trend for cancer overall. There is a slow but constant trend of decreasing mortality in both sexes, with current mortality rates less than half the incidence rates. Three screening programmes are active in the area: mammography and cervical cytology screening since 1992 and colon cancer screening since 1998.

USE OF THE DATA
The registry periodically publishes and updates reports online (http://www.cpo.it/). Registry data are used by the local health authority for planning regional cancer services and are sent to the Italian Cancer Registries database.

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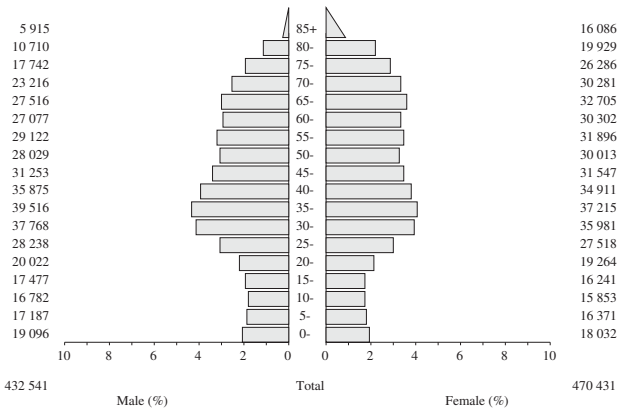
Italy, Turin (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on Turin municipality rosters.

NOTES ON THE DATA
†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	68.5	Breast	85.2
Trachea, bronchus and lung	51.3	Colon	19.3
Bladder	39.4	Trachea, bronchus and lung	14.1
Colon	29.5	Corpus uteri	12.0
Non-Hodgkin lymphoma	13.7	Thyroid	11.8
Liver	12.6	Non-Hodgkin lymphoma	9.6
Rectum	12.2	Ovary	9.0
Stomach	11.2	Melanoma of skin	9.0
Kidney	10.6	Rectum	7.6
Melanoma of skin	9.4	Bladder	6.9
All sites	347.2	All sites	248.5

Italy, Turin (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	12	0.1	0.6	**0.3**	0.02	0.03	3	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	81	0.5	3.7	**1.9**	0.15	0.22	43	0.3	1.8	**0.7**	0.05	0.07	*C01-02*
Mouth	83	0.5	3.8	**2.0**	0.13	0.25	60	0.4	2.6	**1.0**	0.06	0.13	*C03-06*
Salivary glands	42	0.2	1.9	**1.1**	0.07	0.11	29	0.2	1.2	**0.7**	0.05	0.07	*C07-08*
Tonsil	45	0.3	2.1	**1.1**	0.09	0.13	19	0.1	0.8	**0.4**	0.03	0.05	*C09*
Other oropharynx	37	0.2	1.7	**1.0**	0.08	0.11	8	0.1	0.3	**0.1**	0.01	0.02	*C10*
Nasopharynx	34	0.2	1.6	**1.0**	0.07	0.11	9	0.1	0.4	**0.2**	0.02	0.02	*C11*
Hypopharynx	46	0.3	2.1	**1.1**	0.09	0.14	7	0.1	0.3	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	7	0.0	0.3	**0.2**	0.01	0.02	5	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	137	0.8	6.3	**2.8**	0.16	0.33	54	0.4	2.3	**0.7**	0.03	0.09	*C15*
Stomach	571	3.4	26.4	**11.2**	0.52	1.30	399	2.9	17.0	**5.5**	0.23	0.61	*C16*
Small intestine	51	0.3	2.4	**1.1**	0.06	0.12	33	0.2	1.4	**0.5**	0.03	0.06	*C17*
Colon	1587	9.4	73.4	**29.5**	1.27	3.48	1407	10.2	59.8	**19.3**	1.02	2.19	*C18*
Rectum	617	3.6	28.5	**12.2**	0.64	1.46	497	3.6	21.1	**7.6**	0.42	0.92	*C19-20*
Anus	45	0.3	2.1	**1.0**	0.07	0.11	65	0.5	2.8	**1.3**	0.09	0.16	*C21*
Liver	606	3.6	28.0	**12.6**	0.63	1.61	303	2.2	12.9	**3.7**	0.13	0.45	*C22*
Gallbladder etc.	186	1.1	8.6	**3.3**	0.12	0.36	251	1.8	10.7	**2.7**	0.10	0.26	*C23-24*
Pancreas	399	2.4	18.4	**8.0**	0.40	0.96	442	3.2	18.8	**5.5**	0.26	0.60	*C25*
Nose, sinuses etc.	21	0.1	1.0	**0.5**	0.03	0.06	23	0.2	1.0	**0.4**	0.01	0.05	*C30-31*
Larynx	338	2.0	15.6	**7.4**	0.44	0.95	41	0.3	1.7	**0.8**	0.07	0.10	*C32*
Trachea, bronchus and lung	2647	15.6	122.4	**51.3**	2.33	6.48	930	6.7	39.5	**14.1**	0.79	1.69	*C33-34*
Other thoracic organs	31	0.2	1.4	**0.8**	0.04	0.08	20	0.1	0.9	**0.5**	0.03	0.04	*C37-38*
Bone	21	0.1	1.0	**0.8**	0.06	0.06	26	0.2	1.1	**1.1**	0.07	0.08	*C40-41*
Melanoma of skin	370	2.2	17.1	**9.4**	0.66	0.99	367	2.7	15.6	**9.0**	0.67	0.91	*C43*
Other skin	28		1.3	**0.8**	0.06	0.08	25		1.1	**0.6**	0.04	0.06	*C44*
Mesothelioma	98	0.6	4.5	**1.8**	0.08	0.23	60	0.4	2.6	**1.0**	0.06	0.12	*C45*
Kaposi sarcoma	73	0.4	3.4	**1.7**	0.11	0.20	25	0.2	1.1	**0.4**	0.02	0.05	*C46*
Connective and soft tissue	104	0.6	4.8	**2.8**	0.15	0.28	73	0.5	3.1	**1.8**	0.11	0.16	*C47+C49*
Breast	49	0.3	2.3	**1.1**	0.07	0.14	4057	29.4	172.5	**85.2**	6.38	9.52	*C50*
Vulva							84	0.6	3.6	**1.0**	0.03	0.12	*C51*
Vagina							20	0.1	0.9	**0.3**	0.03	0.03	*C52*
Cervix uteri							186	1.3	7.9	**3.9**	0.28	0.42	*C53*
Corpus uteri							649	4.7	27.6	**12.0**	0.86	1.54	*C54*
Uterus unspecified							12	0.1	0.5	**0.1**	0.00	0.01	*C55*
Ovary							500	3.6	21.3	**9.0**	0.58	1.01	*C56*
Other female genital organs							30	0.2	1.3	**0.6**	0.04	0.07	*C57*
Placenta							2	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	25	0.1	1.2	**0.5**	0.02	0.07							*C60*
Prostate	3661	21.6	169.3	**68.5**	2.62	9.22							*C61*
Testis	125	0.7	5.8	**5.3**	0.38	0.39							*C62*
Other male genital organs	3	0.0	0.1	**0.1**	0.00	0.00							*C63*
Kidney	460	2.7	21.3	**10.6**	0.61	1.34	213	1.5	9.1	**3.8**	0.23	0.40	*C64*
Renal pelvis	59	0.3	2.7	**1.1**	0.05	0.15	31	0.2	1.3	**0.5**	0.02	0.06	*C65*
Ureter	30	0.2	1.4	**0.5**	0.01	0.06	14	0.1	0.6	**0.2**	0.01	0.02	*C66*
†Bladder	2039	12.0	94.3	**39.4**	1.87	4.68	494	3.6	21.0	**6.9**	0.36	0.82	*C67*
Other urinary organs	9	0.1	0.4	**0.2**	0.00	0.02	7	0.1	0.3	**0.1**	0.00	0.01	*C68*
Eye	17	0.1	0.8	**0.3**	0.01	0.04	20	0.1	0.9	**0.5**	0.02	0.05	*C69*
Brain, nervous system	220	1.3	10.2	**6.0**	0.39	0.60	223	1.6	9.5	**4.8**	0.30	0.50	*C70-72*
Thyroid	124	0.7	5.7	**3.6**	0.27	0.38	406	2.9	17.3	**11.8**	0.93	1.18	*C73*
Adrenal gland	9	0.1	0.4	**0.4**	0.02	0.03	8	0.1	0.3	**0.4**	0.03	0.03	*C74*
Other endocrine	6	0.0	0.3	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	94	0.6	4.3	**4.1**	0.27	0.33	68	0.5	2.9	**3.2**	0.21	0.24	*C81*
Non-Hodgkin lymphoma	608	3.6	28.1	**13.7**	0.76	1.65	590	4.3	25.1	**9.6**	0.54	1.10	*C82-85,C96*
Immunoproliferative diseases	6	0.0	0.3	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	224	1.3	10.4	**4.2**	0.17	0.55	204	1.5	8.7	**2.8**	0.14	0.34	*C90*
Lymphoid leukaemia	185	1.1	8.6	**4.8**	0.27	0.44	123	0.9	5.2	**2.8**	0.12	0.24	*C91*
Myeloid leukaemia	209	1.2	9.7	**4.6**	0.21	0.46	150	1.1	6.4	**2.6**	0.14	0.26	*C92-94*
Leukaemia unspecified	8	0.0	0.4	**0.2**	0.01	0.01	10	0.1	0.4	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	107	0.6	4.9	**2.3**	0.13	0.28	80	0.6	3.4	**1.5**	0.07	0.18	*MPD*
Myelodysplastic syndromes	116	0.7	5.4	**1.8**	0.04	0.21	68	0.5	2.9	**0.9**	0.03	0.11	*MDS*
Other and unspecified	280	1.7	12.9	**5.0**	0.18	0.44	347	2.5	14.8	**3.8**	0.15	0.33	*O&U*
All sites	16990		785.6	**347.2**	16.92	41.78	13820		587.5	**248.5**	15.91	27.57	*C00-96*
All sites except C44	16962	100.0	784.3	**346.5**	16.86	41.71	13795	100.0	586.5	**247.9**	15.87	27.51	*C00-96 exc. C44*

† See note following population pyramid

Italy, Umbria

REGISTRATION AREA

The Umbrian Population-based Cancer Registry covers central Italy's Umbria region – a small region divided into two provinces. At the 2001 census, the population was 826 000. The population is increasing slowly (due to migration, whereas the natural balance is negative) and is older than the national average.

CANCER CARE FACILITIES

Health care is provided mostly by the region's 18 public hospitals (including two teaching hospitals) and four local health authorities. There are also five private clinics. The main specialized oncology centres are located in the region's two largest cities (Perugia and Terni), at a maximum distance of 55 km from any part of the region.

REGISTRY STRUCTURE AND METHODS

The registry is funded by the regional health authority and is located in the Department of Hygiene of the University of Perugia, which provides personnel and equipment. The main data sources are public and private clinic and hospital records, pathology reports, radiotherapy outpatient records, and death certificates. Other sources are cytology centres for cervical cancer screening, personal case histories, independent studies, reimbursement requests (for patients treated outside the region), and other cancer registries. Trace-back is performed for cases of unspecified behaviour, of unknown primary site, with outpatient records as the only source, or with other missing information (other than death-certificate-only cases). Trace-back procedures include contacting the physician and re-abstracting or re-screening the data.

INTERPRETING THE RESULTS

Organized screening programmes have been in place for breast cancer since 1997, for cervical cancer since 1999, and for colorectal cancer since 2006. Opportunistic screening for prostate cancer and melanoma is also available.

USE OF THE DATA

The registry publishes annual reports on incidence and survival, and a survival study investigating prognostic factors for breast and colorectal cancers is under way. The registry participates in various multicentre studies, such as EUROCARE, the Occupational Cancer Monitoring (OCCAM) project, and IMPACT. Policy-makers use registry data for the planning and evaluation of health services.

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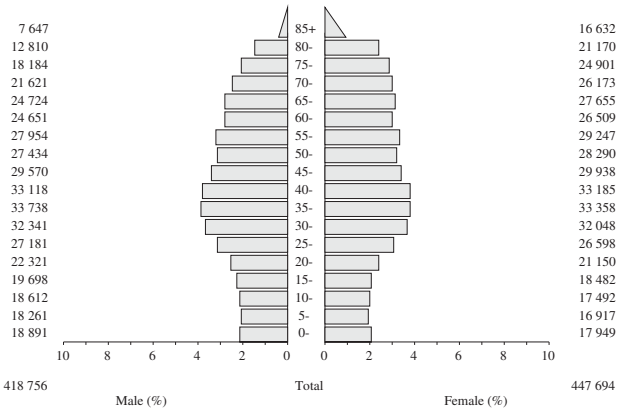
Italy, Umbria (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 census data and official population data provided by the Italian National Institute of Statistics (ISTAT) for non-census years; non-census populations are based on municipal registry data.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	61.3	Breast	73.6
Non-melanoma skin cancer	52.7	Non-melanoma skin cancer	30.5
Trachea, bronchus and lung	40.3	Colon	21.0
Bladder	31.4	Corpus uteri	12.8
Colon	30.4	Thyroid	11.5
Stomach	20.0	Trachea, bronchus and lung	11.4
Rectum	16.5	Stomach	10.0
Non-Hodgkin lymphoma	13.0	Rectum	9.2
Kidney	12.9	Ovary	9.1
Liver	9.3	Non-Hodgkin lymphoma	8.8
All sites	375.1	All sites	266.0

Italy, Umbria (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	21	0.1	1.0	**0.3**	0.01	0.03	8	0.1	0.4	**0.1**	0.00	0.01	*C00*
Tongue	65	0.4	3.1	**1.7**	0.14	0.18	22	0.2	1.0	**0.3**	0.01	0.04	*C01-02*
Mouth	52	0.3	2.5	**1.3**	0.09	0.16	25	0.2	1.1	**0.5**	0.04	0.06	*C03-06*
Salivary glands	42	0.3	2.0	**0.8**	0.05	0.08	32	0.3	1.4	**0.5**	0.03	0.06	*C07-08*
Tonsil	18	0.1	0.9	**0.5**	0.04	0.06	10	0.1	0.4	**0.2**	0.01	0.02	*C09*
Other oropharynx	12	0.1	0.6	**0.3**	0.02	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	28	0.2	1.3	**0.9**	0.06	0.09	7	0.1	0.3	**0.1**	0.01	0.01	*C11*
Hypopharynx	24	0.2	1.1	**0.6**	0.02	0.08	4	0.0	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	8	0.1	0.4	**0.2**	0.02	0.02	3	0.0	0.1	**0.0**	0.00	0.01	*C14*
Oesophagus	88	0.6	4.2	**1.9**	0.11	0.23	25	0.2	1.1	**0.4**	0.02	0.04	*C15*
Stomach	1082	7.0	51.7	**20.0**	0.84	2.31	751	6.4	33.5	**10.0**	0.43	1.13	*C16*
Small intestine	36	0.2	1.7	**0.8**	0.04	0.09	27	0.2	1.2	**0.5**	0.03	0.05	*C17*
Colon	1560	10.1	74.5	**30.4**	1.44	3.69	1336	11.3	59.7	**21.0**	1.15	2.48	*C18*
Rectum	798	5.2	38.1	**16.5**	0.85	2.12	553	4.7	24.7	**9.2**	0.48	1.16	*C19-20*
Anus	26	0.2	1.2	**0.7**	0.04	0.08	40	0.3	1.8	**0.8**	0.05	0.09	*C21*
Liver	489	3.2	23.4	**9.3**	0.38	1.18	271	2.3	12.1	**3.7**	0.16	0.43	*C22*
Gallbladder etc.	146	0.9	7.0	**2.5**	0.09	0.28	208	1.8	9.3	**2.8**	0.14	0.32	*C23-24*
Pancreas	413	2.7	19.7	**8.6**	0.53	1.00	385	3.3	17.2	**5.3**	0.25	0.62	*C25*
Nose, sinuses etc.	25	0.2	1.2	**0.6**	0.05	0.07	15	0.1	0.7	**0.2**	0.01	0.03	*C30-31*
Larynx	297	1.9	14.2	**6.6**	0.43	0.80	21	0.2	0.9	**0.5**	0.05	0.06	*C32*
Trachea, bronchus and lung	2061	13.3	98.4	**40.3**	1.89	5.06	644	5.5	28.8	**11.4**	0.69	1.40	*C33-34*
Other thoracic organs	18	0.1	0.9	**0.5**	0.03	0.05	13	0.1	0.6	**0.4**	0.03	0.04	*C37-38*
Bone	37	0.2	1.8	**1.5**	0.10	0.12	26	0.2	1.2	**1.1**	0.06	0.07	*C40-41*
Melanoma of skin	263	1.7	12.6	**7.0**	0.48	0.75	254	2.2	11.3	**6.8**	0.52	0.68	*C43*
Other skin	2890		138.0	**52.7**	2.03	6.04	2090		93.4	**30.5**	1.49	3.28	*C44*
Mesothelioma	51	0.3	2.4	**1.1**	0.06	0.14	19	0.2	0.8	**0.4**	0.03	0.04	*C45*
Kaposi sarcoma	12	0.1	0.6	**0.3**	0.02	0.02	2	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	86	0.6	4.1	**2.4**	0.13	0.23	64	0.5	2.9	**1.5**	0.08	0.14	*C47+C49*
Breast	43	0.3	2.1	**0.7**	0.02	0.08	3101	26.3	138.5	**73.6**	5.62	8.16	*C50*
Vulva							105	0.9	4.7	**1.4**	0.06	0.16	*C51*
Vagina							25	0.2	1.1	**0.4**	0.02	0.05	*C52*
Cervix uteri							181	1.5	8.1	**4.8**	0.35	0.49	*C53*
Corpus uteri							614	5.2	27.4	**12.8**	0.91	1.60	*C54*
Uterus unspecified							8	0.1	0.4	**0.1**	0.01	0.01	*C55*
Ovary							419	3.5	18.7	**9.1**	0.65	1.02	*C56*
Other female genital organs							10	0.1	0.4	**0.3**	0.01	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	52	0.3	2.5	**1.1**	0.07	0.12							*C60*
Prostate	3251	21.0	155.3	**61.3**	2.24	8.45							*C61*
Testis	110	0.7	5.3	**4.9**	0.35	0.36							*C62*
Other male genital organs	6	0.0	0.3	**0.1**	0.00	0.02							*C63*
Kidney	533	3.4	25.5	**12.9**	0.81	1.56	279	2.4	12.5	**5.2**	0.32	0.61	*C64*
Renal pelvis	42	0.3	2.0	**0.9**	0.05	0.12	20	0.2	0.9	**0.3**	0.01	0.03	*C65*
Ureter	46	0.3	2.2	**1.0**	0.06	0.13	18	0.2	0.8	**0.3**	0.01	0.03	*C66*
Bladder	1643	10.6	78.5	**31.4**	1.46	3.77	406	3.4	18.1	**6.0**	0.29	0.75	*C67*
Other urinary organs	35	0.2	1.7	**0.6**	0.01	0.06	12	0.1	0.5	**0.2**	0.01	0.03	*C68*
Eye	17	0.1	0.8	**0.5**	0.03	0.05	21	0.2	0.9	**0.5**	0.04	0.04	*C69*
Brain, nervous system	282	1.8	13.5	**8.6**	0.53	0.89	207	1.8	9.2	**4.4**	0.26	0.44	*C70-72*
Thyroid	122	0.8	5.8	**3.9**	0.29	0.40	359	3.0	16.0	**11.5**	0.95	1.16	*C73*
Adrenal gland	13	0.1	0.6	**0.5**	0.03	0.04	10	0.1	0.4	**0.4**	0.02	0.02	*C74*
Other endocrine	9	0.1	0.4	**0.3**	0.02	0.03	6	0.1	0.3	**0.2**	0.02	0.02	*C75*
Hodgkin lymphoma	73	0.5	3.5	**2.9**	0.20	0.24	65	0.6	2.9	**3.3**	0.22	0.25	*C81*
Non-Hodgkin lymphoma	506	3.3	24.2	**13.0**	0.79	1.38	443	3.8	19.8	**8.8**	0.55	1.03	*C82-85,C96*
Immunoproliferative diseases	9	0.1	0.4	**0.2**	0.01	0.02	4	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	190	1.2	9.1	**3.9**	0.20	0.47	166	1.4	7.4	**2.9**	0.17	0.34	*C90*
Lymphoid leukaemia	179	1.2	8.5	**5.0**	0.24	0.50	118	1.0	5.3	**3.8**	0.20	0.32	*C91*
Myeloid leukaemia	223	1.4	10.7	**5.0**	0.25	0.56	158	1.3	7.1	**3.0**	0.17	0.32	*C92-94*
Leukaemia unspecified	38	0.2	1.8	**0.8**	0.04	0.09	55	0.5	2.5	**0.8**	0.06	0.08	*C95*
Myeloproliferative disorders	91	0.6	4.3	**2.4**	0.16	0.27	50	0.4	2.2	**0.8**	0.04	0.09	*MPD*
Myelodysplastic syndromes	51	0.3	2.4	**0.8**	0.02	0.08	42	0.4	1.9	**0.5**	0.02	0.06	*MDS*
Other and unspecified	128	0.8	6.1	**2.3**	0.08	0.23	137	1.2	6.1	**2.0**	0.11	0.20	*O&U*
All sites	18340		875.9	**375.1**	17.96	44.95	13894		620.7	**266.0**	16.91	29.65	*C00-96*
All sites except C44	15450	100.0	737.9	**322.4**	15.94	38.90	11804	100.0	527.3	**235.6**	15.41	26.38	*C00-96 exc. C44*

Italy, Varese

REGISTRATION AREA

The Lombardy Cancer Registry, Varese Province, covers the province of Varese in the Lombardy region of Italy. The population has increased considerably since the 1960s (from 582 000 in 1961 to 877 000 in 2012), with many people migrating from eastern and southern Italy. These new residents tended to retain the distinctive dietary and cultural habits of their origins. The province's population density is 731.4 residents/km^2. In 2012, the elderly index (the ratio of the population aged more than 64 years to the population aged less than 15 years, multiplied by 100) was 147.9. About 40% of the working population is employed in industry (a considerably lower proportion than in 1971), and less than 1% is employed in agriculture.

CANCER CARE FACILITIES

There are 11 general hospitals and five private clinics, providing a total of 3211 hospital beds. The annual hospitalization rate is 134 admissions per 1000 residents.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1974 and is supported by the Lombardy Regional Health Authority. It uses an automated cancer registration system called Open Registry (Contiero et al., 2008). The level of site code concordance between Open Registry and manual registration is 98.4% (Tagliabue et al., 2006). Open Registry has also been adopted by cancer registries in the Lombardy provinces of Sondrio, Brescia, Como, Lecco, Lodi, and Pavia, in collaboration with the provinces' local health authorities.

INTERPRETING THE RESULTS

Screening has been active for breast cancer since 2003 and for colorectal cancer since 2006. The rapid increase in observed breast cancer incidence is due to increased detection through screening. The incidence of colorectal cancer has also increased since the start of the screening programme.

USE OF THE DATA

The registry participates in major epidemiological projects, including the European Prospective Investigation into Cancer and Nutrition (EPIC), ORDET, EUROCARE, RARECARE, and the Automated Childhood Cancer Information System (ACCIS). The registry also provides data to the screening programmes to facilitate quality assurance and follow-up of mammography and colorectal screening.

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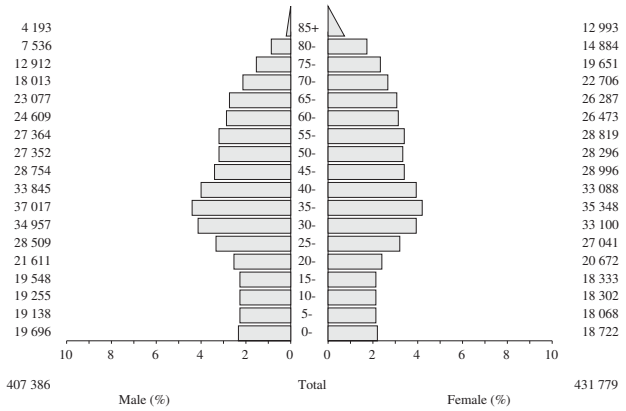
Italy, Varese (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Italian National Institute of Statistics (ISTAT; http://www.demo.istat.it/), based on the 2001 national census and annual estimates, making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	84.6	Breast	89.3
Non-melanoma skin cancer	61.7	Non-melanoma skin cancer	40.9
Trachea, bronchus and lung	51.3	Colon	20.8
Colon	32.1	Corpus uteri	13.4
Bladder	26.5	Trachea, bronchus and lung	12.6
Stomach	16.0	Non-Hodgkin lymphoma	10.6
Non-Hodgkin lymphoma	15.4	Melanoma of skin	10.5
Rectum	14.5	Thyroid	9.6
Kidney	14.4	Ovary	8.5
Liver	12.6	Rectum	7.3
All sites	433.8	All sites	295.8

Italy, Varese (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	18	0.1	0.9	**0.4**	0.01	0.05	8	0.1	0.4	**0.2**	0.01	0.02	*C00*
Tongue	91	0.6	4.5	**2.7**	0.21	0.33	48	0.4	2.2	**1.1**	0.08	0.13	*C01-02*
Mouth	67	0.5	3.3	**2.0**	0.12	0.25	38	0.3	1.8	**0.8**	0.05	0.10	*C03-06*
Salivary glands	24	0.2	1.2	**0.6**	0.02	0.08	23	0.2	1.1	**0.4**	0.02	0.04	*C07-08*
Tonsil	28	0.2	1.4	**0.8**	0.06	0.11	10	0.1	0.5	**0.2**	0.01	0.02	*C09*
Other oropharynx	36	0.2	1.8	**1.0**	0.09	0.12	5	0.0	0.2	**0.1**	0.00	0.02	*C10*
Nasopharynx	25	0.2	1.2	**0.9**	0.07	0.08	7	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	71	0.5	3.5	**2.0**	0.13	0.25	8	0.1	0.4	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	150	1.0	7.4	**3.9**	0.26	0.46	35	0.3	1.6	**0.6**	0.03	0.07	*C15*
Stomach	677	4.6	33.2	**16.0**	0.64	1.86	445	3.9	20.6	**7.1**	0.31	0.74	*C16*
Small intestine	39	0.3	1.9	**1.0**	0.05	0.12	43	0.4	2.0	**0.9**	0.06	0.11	*C17*
Colon	1317	9.0	64.7	**32.1**	1.56	3.98	1126	9.9	52.2	**20.8**	1.17	2.50	*C18*
Rectum	577	4.0	28.3	**14.5**	0.78	1.75	400	3.5	18.5	**7.3**	0.41	0.87	*C19-20*
Anus	31	0.2	1.5	**0.8**	0.06	0.09	41	0.4	1.9	**0.8**	0.06	0.09	*C21*
Liver	516	3.5	25.3	**12.6**	0.57	1.62	224	2.0	10.4	**3.7**	0.13	0.42	*C22*
Gallbladder etc.	134	0.9	6.6	**3.1**	0.12	0.36	213	1.9	9.9	**3.4**	0.14	0.41	*C23-24*
Pancreas	343	2.3	16.8	**8.4**	0.44	1.01	379	3.3	17.6	**6.4**	0.31	0.72	*C25*
Nose, sinuses etc.	33	0.2	1.6	**0.9**	0.06	0.10	9	0.1	0.4	**0.2**	0.01	0.02	*C30-31*
Larynx	293	2.0	14.4	**7.7**	0.45	0.98	26	0.2	1.2	**0.6**	0.04	0.08	*C32*
Trachea, bronchus and lung	2170	14.9	106.5	**51.3**	2.28	6.38	646	5.7	29.9	**12.6**	0.72	1.46	*C33-34*
Other thoracic organs	23	0.2	1.1	**0.8**	0.04	0.09	10	0.1	0.5	**0.2**	0.01	0.02	*C37-38*
Bone	30	0.2	1.5	**1.3**	0.08	0.10	16	0.1	0.7	**0.5**	0.04	0.06	*C40-41*
Melanoma of skin	363	2.5	17.8	**10.9**	0.76	1.19	376	3.3	17.4	**10.5**	0.77	1.07	*C43*
Other skin	2540		124.7	**61.7**	2.95	6.99	2136		98.9	**40.9**	2.33	4.53	*C44*
Mesothelioma	96	0.7	4.7	**2.4**	0.11	0.32	51	0.4	2.4	**0.9**	0.04	0.10	*C45*
Kaposi sarcoma	39	0.3	1.9	**1.0**	0.04	0.08	13	0.1	0.6	**0.2**	0.00	0.02	*C46*
Connective and soft tissue	83	0.6	4.1	**2.7**	0.17	0.24	79	0.7	3.7	**2.3**	0.12	0.20	*C47+C49*
Breast	28	0.2	1.4	**0.8**	0.05	0.09	3552	31.1	164.5	**89.3**	6.64	9.92	*C50*
Vulva							67	0.6	3.1	**1.0**	0.04	0.12	*C51*
Vagina							15	0.1	0.7	**0.3**	0.02	0.03	*C52*
Cervix uteri							163	1.4	7.6	**4.9**	0.40	0.48	*C53*
Corpus uteri							599	5.3	27.7	**13.4**	0.93	1.63	*C54*
Uterus unspecified							5	0.0	0.2	**0.0**	0.00	0.00	*C55*
Ovary							366	3.2	17.0	**8.5**	0.57	0.99	*C56*
Other female genital organs							31	0.3	1.4	**0.7**	0.04	0.08	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	18	0.1	0.9	**0.4**	0.02	0.04							*C60*
Prostate	3580	24.5	175.8	**84.6**	3.57	11.31							*C61*
Testis	172	1.2	8.4	**7.6**	0.56	0.57							*C62*
Other male genital organs	13	0.1	0.6	**0.3**	0.01	0.05							*C63*
Kidney	526	3.6	25.8	**14.4**	0.90	1.68	255	2.2	11.8	**5.3**	0.27	0.60	*C64*
Renal pelvis	44	0.3	2.2	**1.1**	0.06	0.13	14	0.1	0.6	**0.2**	0.01	0.03	*C65*
Ureter	37	0.3	1.8	**0.9**	0.05	0.12	11	0.1	0.5	**0.2**	0.00	0.02	*C66*
Bladder	1093	7.5	53.7	**26.5**	1.27	3.21	252	2.2	11.7	**4.4**	0.23	0.50	*C67*
Other urinary organs	25	0.2	1.2	**0.6**	0.03	0.07	11	0.1	0.5	**0.1**	0.00	0.01	*C68*
Eye	18	0.1	0.9	**0.6**	0.03	0.04	16	0.1	0.7	**0.6**	0.03	0.04	*C69*
Brain, nervous system	219	1.5	10.8	**7.2**	0.46	0.74	174	1.5	8.1	**4.7**	0.26	0.52	*C70-72*
Thyroid	120	0.8	5.9	**4.0**	0.32	0.41	289	2.5	13.4	**9.6**	0.76	0.88	*C73*
Adrenal gland	7	0.0	0.3	**0.2**	0.02	0.02	9	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.00	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	75	0.5	3.7	**3.5**	0.24	0.27	59	0.5	2.7	**2.9**	0.19	0.20	*C81*
Non-Hodgkin lymphoma	523	3.6	25.7	**15.4**	0.91	1.67	451	4.0	20.9	**10.6**	0.63	1.15	*C82-85,C96*
Immunoproliferative diseases	6	0.0	0.3	**0.2**	0.01	0.02	3	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	194	1.3	9.5	**4.8**	0.25	0.54	179	1.6	8.3	**3.3**	0.16	0.41	*C90*
Lymphoid leukaemia	155	1.1	7.6	**5.6**	0.25	0.52	111	1.0	5.1	**3.8**	0.19	0.32	*C91*
Myeloid leukaemia	188	1.3	9.2	**5.2**	0.25	0.54	155	1.4	7.2	**3.5**	0.24	0.36	*C92-94*
Leukaemia unspecified	11	0.1	0.5	**0.2**	0.01	0.01	9	0.1	0.4	**0.1**	0.01	0.02	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	270	1.8	13.3	**6.1**	0.22	0.56	326	2.9	15.1	**4.7**	0.20	0.44	*O&U*
All sites	17139		841.4	**433.8**	21.65	51.59	13540		627.2	**295.8**	18.76	32.66	*C00-96*
All sites except C44	14599	100.0	716.7	**372.1**	18.70	44.61	11404	100.0	528.2	**254.9**	16.43	28.13	*C00-96 exc. C44*

Italy, Veneto

REGISTRATION AREA

Veneto is the largest region in north-eastern Italy, with a population of more than 4.7 million as of June 2005. The Veneto Tumor Registry covers 49% of this population (about 2.3 million residents), including six of Veneto's seven major urban centres and almost all of the mountainous part of the region. Immigrants account for 6.1% of the covered population. Veneto contains many of the leading economic districts in Italy; in 2005, the region's unemployment rate was 4.2%, compared with the national average of 7.7%.

CANCER CARE FACILITIES

Public health activities, including the management of all hospitals in the region, are handled by 21 local health authorities (LHAs), two autonomous hospitals, and an oncology centre. Most of the LHAs provide comprehensive services for cancer diagnosis, surgery, and chemotherapy. Radiotherapy and certain expensive diagnostic tools are available at the national level. Paediatric patients are treated in the region's two major hospitals.

REGISTRY STRUCTURE AND METHODS

The registry is financially supported by the regional government. The staff consists of a physician (the registry director), three operators, three statisticians, a data manager, two programmers, and a clerk. The registry electronically receives hospital discharge records from all hospitals in the region, death certificates for Veneto residents, and pathology records from the region's 15 pathology laboratories; all information is precoded and submitted annually. Each of the region's LHAs submits a copy of its population files for use as a reference in linking source records, which are evaluated using a case-resolution program.

INTERPRETING THE RESULTS

The proportion of elderly residents in the region has markedly increased. From 1991 to 2005, the elderly index (the ratio of the population aged more than 64 years to the population aged less than 15 years, multiplied by 100) increased from 119 to 146. There are no known unusual environmental or occupational exposures in the region. Cervical, breast, and colorectal screening programmes were started in Veneto during the late 1990s and early 2000s.

USE OF THE DATA

The registry reports incidence, survival, and prevalence data on its website. The registry also collaborates with other Italian registries on research projects and is involved in several international epidemiological studies.

CONTRIBUTORS

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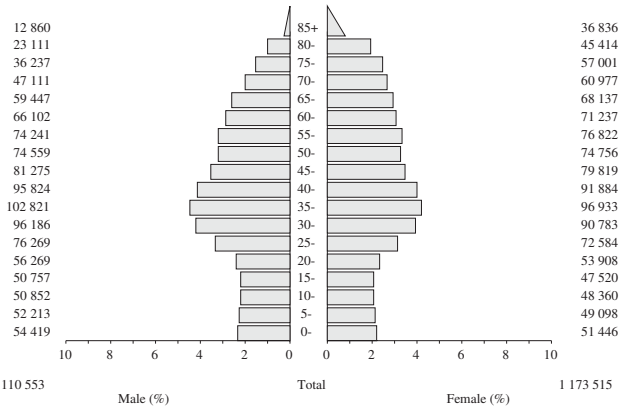
Italy, Veneto (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on municipal registry estimates.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	78.1	Breast	94.0
Prostate	74.6	Non-melanoma skin cancer	52.7
Trachea, bronchus and lung	50.2	Colon	20.4
Colon	31.7	Trachea, bronchus and lung	13.7
Bladder	29.1	Thyroid	11.5
Liver	16.3	Corpus uteri	11.2
Non-Hodgkin lymphoma	14.0	Melanoma of skin	11.0
Kidney	14.0	Non-Hodgkin lymphoma	10.5
Rectum	13.2	Ovary	8.5
Stomach	12.0	Rectum	7.7
All sites	443.3	All sites	320.0

Italy, Veneto (2003-2006)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	121	0.4	2.7	**1.2**	0.04	0.12	33	0.1	0.7	**0.2**	0.01	0.02	*C00*
Tongue	206	0.7	4.6	**2.7**	0.20	0.33	104	0.4	2.2	**1.1**	0.08	0.12	*C01-02*
Mouth	254	0.8	5.7	**3.3**	0.23	0.39	139	0.5	3.0	**1.3**	0.08	0.17	*C03-06*
Salivary glands	67	0.2	1.5	**0.8**	0.04	0.08	40	0.2	0.9	**0.5**	0.03	0.04	*C07-08*
Tonsil	131	0.4	2.9	**1.8**	0.14	0.22	37	0.1	0.8	**0.5**	0.04	0.05	*C09*
Other oropharynx	23	0.1	0.5	**0.3**	0.03	0.04	6	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	31	0.1	0.7	**0.5**	0.03	0.05	15	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	117	0.4	2.6	**1.5**	0.11	0.18	13	0.0	0.3	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	58	0.2	1.3	**0.8**	0.06	0.09	21	0.1	0.4	**0.2**	0.02	0.02	*C14*
Oesophagus	505	1.6	11.4	**5.8**	0.30	0.72	152	0.6	3.2	**1.1**	0.05	0.12	*C15*
Stomach	1116	3.5	25.1	**12.0**	0.51	1.40	874	3.3	18.6	**6.2**	0.27	0.65	*C16*
Small intestine	93	0.3	2.1	**1.1**	0.06	0.13	74	0.3	1.6	**0.6**	0.03	0.07	*C17*
Colon	2919	9.2	65.7	**31.7**	1.48	3.81	2475	9.4	52.7	**20.4**	1.15	2.37	*C18*
Rectum	1146	3.6	25.8	**13.2**	0.71	1.59	819	3.1	17.4	**7.7**	0.50	0.90	*C19-20*
Anus	58	0.2	1.3	**0.6**	0.03	0.08	72	0.3	1.5	**0.7**	0.04	0.08	*C21*
Liver	1469	4.7	33.1	**16.3**	0.78	2.05	646	2.4	13.8	**4.8**	0.20	0.55	*C22*
Gallbladder etc.	270	0.9	6.1	**2.9**	0.12	0.34	412	1.6	8.8	**2.8**	0.12	0.30	*C23-24*
Pancreas	948	3.0	21.3	**10.4**	0.49	1.22	935	3.5	19.9	**6.4**	0.29	0.69	*C25*
Nose, sinuses etc.	55	0.2	1.2	**0.7**	0.04	0.08	23	0.1	0.5	**0.2**	0.01	0.02	*C30-31*
Larynx	727	2.3	16.4	**8.7**	0.54	1.11	76	0.3	1.6	**0.7**	0.05	0.09	*C32*
Trachea, bronchus and lung	4752	15.1	107.0	**50.2**	2.03	6.28	1651	6.2	35.2	**13.7**	0.73	1.62	*C33-34*
Other thoracic organs	62	0.2	1.4	**0.8**	0.05	0.08	24	0.1	0.5	**0.2**	0.01	0.02	*C37-38*
Bone	56	0.2	1.3	**1.3**	0.08	0.10	26	0.1	0.6	**0.5**	0.03	0.04	*C40-41*
Melanoma of skin	820	2.6	18.5	**11.0**	0.75	1.19	817	3.1	17.4	**11.0**	0.82	1.09	*C43*
Other skin	6998		157.5	**78.1**	3.78	8.93	5956		126.9	**52.7**	3.10	5.80	*C44*
Mesothelioma	121	0.4	2.7	**1.3**	0.05	0.17	38	0.1	0.8	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	45	0.1	1.0	**0.5**	0.03	0.05	15	0.1	0.3	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	189	0.6	4.3	**2.6**	0.14	0.28	168	0.6	3.6	**2.3**	0.16	0.20	*C47+C49*
Breast	80	0.3	1.8	**0.9**	0.06	0.11	8213	31.0	175.0	**94.0**	7.05	10.52	*C50*
Vulva							174	0.7	3.7	**1.3**	0.05	0.15	*C51*
Vagina							34	0.1	0.7	**0.2**	0.01	0.03	*C52*
Cervix uteri							314	1.2	6.7	**4.0**	0.31	0.39	*C53*
Corpus uteri							1047	4.0	22.3	**11.2**	0.84	1.36	*C54*
Uterus unspecified							223	0.8	4.8	**2.5**	0.19	0.28	*C55*
Ovary							788	3.0	16.8	**8.5**	0.58	0.96	*C56*
Other female genital organs							96	0.4	2.0	**1.1**	0.07	0.12	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	54	0.2	1.2	**0.6**	0.04	0.07							*C60*
Prostate	6684	21.2	150.5	**74.6**	3.32	10.32							*C61*
Testis	301	1.0	6.8	**6.2**	0.45	0.46							*C62*
Other male genital organs	11	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	1124	3.6	25.3	**14.0**	0.85	1.72	656	2.5	14.0	**6.0**	0.35	0.72	*C64*
Renal pelvis	54	0.2	1.2	**0.6**	0.03	0.07	34	0.1	0.7	**0.3**	0.01	0.03	*C65*
Ureter	45	0.1	1.0	**0.5**	0.02	0.05	20	0.1	0.4	**0.1**	0.00	0.02	*C66*
Bladder	2690	8.5	60.6	**29.1**	1.31	3.44	711	2.7	15.1	**5.7**	0.28	0.70	*C67*
Other urinary organs	128	0.4	2.9	**1.2**	0.03	0.10	52	0.2	1.1	**0.3**	0.01	0.02	*C68*
Eye	48	0.2	1.1	**0.7**	0.05	0.07	44	0.2	0.9	**0.5**	0.02	0.06	*C69*
Brain, nervous system	508	1.6	11.4	**7.3**	0.46	0.79	421	1.6	9.0	**4.9**	0.32	0.52	*C70-72*
Thyroid	230	0.7	5.2	**3.5**	0.27	0.38	749	2.8	16.0	**11.5**	0.91	1.13	*C73*
Adrenal gland	14	0.0	0.3	**0.4**	0.02	0.03	23	0.1	0.5	**0.5**	0.02	0.04	*C74*
Other endocrine	5	0.0	0.1	**0.1**	0.00	0.01	3	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	163	0.5	3.7	**3.6**	0.24	0.28	156	0.6	3.3	**3.4**	0.23	0.25	*C81*
Non-Hodgkin lymphoma	1061	3.4	23.9	**14.0**	0.87	1.49	1023	3.9	21.8	**10.5**	0.67	1.13	*C82-85,C96*
Immunoproliferative diseases	22	0.1	0.5	**0.2**	0.01	0.02	20	0.1	0.4	**0.1**	0.00	0.01	*C88*
Multiple myeloma	398	1.3	9.0	**4.5**	0.22	0.54	431	1.6	9.2	**3.7**	0.21	0.44	*C90*
Lymphoid leukaemia	307	1.0	6.9	**4.9**	0.26	0.45	214	0.8	4.6	**2.9**	0.15	0.23	*C91*
Myeloid leukaemia	277	0.9	6.2	**3.6**	0.18	0.36	297	1.1	6.3	**3.1**	0.16	0.31	*C92-94*
Leukaemia unspecified	28	0.1	0.6	**0.3**	0.01	0.03	33	0.1	0.7	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	195	0.6	4.4	**2.4**	0.13	0.30	156	0.6	3.3	**1.6**	0.09	0.17	*MPD*
Myelodysplastic syndromes	160	0.5	3.6	**1.6**	0.05	0.16	133	0.5	2.8	**0.9**	0.03	0.09	*MDS*
Other and unspecified	618	2.0	13.9	**6.5**	0.25	0.65	689	2.6	14.7	**4.4**	0.18	0.41	*O&U*
All sites	38562		868.1	**443.3**	21.97	53.08	32416		690.6	**320.0**	20.63	35.24	*C00-96*
All sites except C44	31564	100.0	710.5	**365.2**	18.18	44.15	26460	100.0	563.7	**267.3**	17.53	29.44	*C00-96 exc. C44*

Latvia

REGISTRATION AREA

The Latvian Cancer Registry (LCR) covers the Republic of Latvia, a country in northern Europe with a total area of 64 589 km^2. The population is 2.1 million, and 14.2% of residents are children. Latvia is a member of the European Union and joined the World Trade Organization in 1999. From 2000 to 2008, Latvia had one of the highest gross domestic product (GDP) growth rates in Europe, but the unsustainability of the country's predominantly consumption-driven growth resulted in the collapse of the Latvian GDP in late 2008 and early 2009, with the Latvian economy falling 18% in the first 3 months of 2009.

CANCER CARE FACILITIES

From 1993 to 2009, comprehensive diagnostic and treatment services were provided to the population by the Latvian Oncology Centre, two regional oncology hospitals, and the oncology department of the national clinical hospital (all of which have well-equipped radiology departments). Specialized care for children was provided by the oncology department of the Central Children's Hospital.

REGISTRY STRUCTURE AND METHODS

The LCR was located at the Latvian Oncology Centre from 1993 until 2009. It is now located at the Centre for Disease Prevention and Control (CDPC) of Latvia and is part of the Register of Patients with Particular Diseases. All physicians, hospitals, pathology laboratories, and forensic medicine laboratories must report all new cancer cases. Since 2009, it has been possible to report cases electronically. The LCR regularly receives reports from the national Death Cause Database of cases identified from death certificates.

INTERPRETING THE RESULTS

Although the registration area itself has not changed, its population has. During the registry's reporting period (1990–2011), the Latvian population decreased, both naturally and due to other factors. The availability of medical services has remained nearly the same over time, but the options for cancer diagnosis and treatment have increased. There have been organized screening programmes for cervical and breast cancer in Latvia since 2009.

USE OF THE DATA

Registry data are used to estimate incidence, prevalence, and survival, and are published on the CDPC's website (http://www.spkc.gov.lv/veselibas-aprupes-statistika/). LCR data have also been used for the planning and evaluation of health services.

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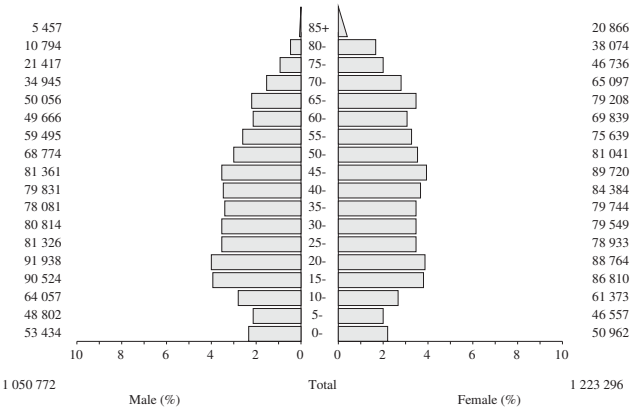
Latvia (2004-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Central Statistical Bureau of Latvia.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	63.4	Breast	48.4
Prostate	52.0	Non-melanoma skin cancer	17.8
Stomach	24.3	Corpus uteri	16.7
Non-melanoma skin cancer	19.7	Ovary	14.2
Bladder	16.3	Cervix uteri	12.6
Colon	16.1	Colon	11.9
Kidney	15.6	Stomach	10.6
Rectum	13.5	Trachea, bronchus and lung	8.8
Pancreas	11.1	Rectum	8.0
Larynx	8.5	Kidney	7.6
All sites	316.8	All sites	214.7

Latvia (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	72	0.4	1.7	**1.1**	0.04	0.15	26	0.1	0.5	**0.2**	0.01	0.02	*C00*
Tongue	113	0.6	2.7	**1.9**	0.16	0.24	29	0.2	0.6	**0.3**	0.03	0.04	*C01-02*
Mouth	147	0.8	3.5	**2.5**	0.20	0.31	32	0.2	0.7	**0.3**	0.02	0.04	*C03-06*
Salivary glands	56	0.3	1.3	**0.9**	0.05	0.11	49	0.3	1.0	**0.5**	0.03	0.05	*C07-08*
Tonsil	63	0.3	1.5	**1.1**	0.08	0.13	14	0.1	0.3	**0.2**	0.02	0.02	*C09*
Other oropharynx	36	0.2	0.9	**0.6**	0.05	0.08	5	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	29	0.2	0.7	**0.5**	0.04	0.06	15	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	159	0.9	3.8	**2.7**	0.22	0.35	9	0.0	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	29	0.2	0.7	**0.5**	0.03	0.06	5	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	397	2.1	9.4	**6.6**	0.49	0.86	87	0.5	1.8	**0.8**	0.04	0.10	*C15*
Stomach	1527	8.2	36.3	**24.3**	1.31	2.92	1196	6.5	24.4	**10.6**	0.53	1.20	*C16*
Small intestine	25	0.1	0.6	**0.4**	0.02	0.05	33	0.2	0.7	**0.3**	0.01	0.04	*C17*
Colon	1047	5.7	24.9	**16.1**	0.64	1.98	1391	7.5	28.4	**11.9**	0.57	1.41	*C18*
Rectum	867	4.7	20.6	**13.5**	0.58	1.66	866	4.7	17.7	**8.0**	0.45	0.96	*C19-20*
Anus	23	0.1	0.5	**0.4**	0.02	0.04	38	0.2	0.8	**0.4**	0.02	0.04	*C21*
Liver	337	1.8	8.0	**5.5**	0.29	0.65	222	1.2	4.5	**1.9**	0.09	0.20	*C22*
Gallbladder etc.	86	0.5	2.0	**1.3**	0.08	0.14	162	0.9	3.3	**1.3**	0.07	0.15	*C23-24*
Pancreas	698	3.8	16.6	**11.1**	0.60	1.38	751	4.1	15.3	**6.3**	0.30	0.72	*C25*
Nose, sinuses etc.	50	0.3	1.2	**0.8**	0.06	0.09	27	0.1	0.6	**0.2**	0.01	0.03	*C30-31*
Larynx	503	2.7	12.0	**8.5**	0.64	1.08	39	0.2	0.8	**0.4**	0.03	0.05	*C32*
Trachea, bronchus and lung	3998	21.6	95.1	**63.4**	3.49	8.48	961	5.2	19.6	**8.8**	0.50	1.05	*C33-34*
Other thoracic organs	33	0.2	0.8	**0.5**	0.03	0.07	30	0.2	0.6	**0.4**	0.03	0.04	*C37-38*
Bone	67	0.4	1.6	**1.4**	0.09	0.12	54	0.3	1.1	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	261	1.4	6.2	**4.3**	0.26	0.48	445	2.4	9.1	**5.1**	0.34	0.56	*C43*
Other skin	1279		30.4	**19.7**	0.72	2.25	2105		43.0	**17.8**	0.84	2.06	*C44*
Mesothelioma	29	0.2	0.7	**0.5**	0.02	0.06	28	0.2	0.6	**0.3**	0.01	0.04	*C45*
Kaposi sarcoma	9	0.0	0.2	**0.2**	0.01	0.02	3	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	99	0.5	2.4	**1.7**	0.11	0.19	126	0.7	2.6	**1.7**	0.10	0.15	*C47+C49*
Breast	43	0.2	1.0	**0.7**	0.04	0.09	4105	22.3	83.9	**48.4**	3.64	5.50	*C50*
Vulva							162	0.9	3.3	**1.4**	0.07	0.17	*C51*
Vagina							31	0.2	0.6	**0.3**	0.01	0.02	*C52*
Cervix uteri							912	4.9	18.6	**12.6**	1.00	1.26	*C53*
Corpus uteri							1524	8.3	31.1	**16.7**	1.21	2.10	*C54*
Uterus unspecified							41	0.2	0.8	**0.3**	0.01	0.03	*C55*
Ovary							1187	6.4	24.3	**14.2**	1.04	1.59	*C56*
Other female genital organs							36	0.2	0.7	**0.4**	0.02	0.05	*C57*
Placenta							6	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	64	0.3	1.5	**1.0**	0.07	0.13							*C60*
Prostate	3433	18.5	81.7	**52.0**	1.91	6.69							*C61*
Testis	141	0.8	3.4	**2.8**	0.19	0.24							*C62*
Other male genital organs	6	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	955	5.2	22.7	**15.6**	0.98	1.90	748	4.1	15.3	**7.6**	0.45	0.90	*C64*
Renal pelvis	12	0.1	0.3	**0.2**	0.01	0.02	10	0.1	0.2	**0.1**	0.01	0.01	*C65*
Ureter	11	0.1	0.3	**0.2**	0.01	0.03	8	0.0	0.2	**0.1**	0.00	0.01	*C66*
Bladder	1040	5.6	24.7	**16.3**	0.78	1.96	381	2.1	7.8	**3.1**	0.16	0.32	*C67*
Other urinary organs	10	0.1	0.2	**0.2**	0.01	0.02	11	0.1	0.2	**0.1**	0.01	0.01	*C68*
Eye	36	0.2	0.9	**0.6**	0.04	0.08	52	0.3	1.1	**0.6**	0.03	0.07	*C69*
Brain, nervous system	386	2.1	9.2	**7.1**	0.45	0.75	434	2.4	8.9	**5.9**	0.41	0.60	*C70-72*
Thyroid	103	0.6	2.5	**1.7**	0.11	0.19	429	2.3	8.8	**5.8**	0.46	0.62	*C73*
Adrenal gland	25	0.1	0.6	**0.5**	0.03	0.05	25	0.1	0.5	**0.3**	0.01	0.02	*C74*
Other endocrine	3	0.0	0.1	**0.1**	0.00	0.00	5	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	86	0.5	2.0	**1.8**	0.13	0.13	96	0.5	2.0	**1.7**	0.12	0.14	*C81*
Non-Hodgkin lymphoma	301	1.6	7.2	**5.3**	0.30	0.59	363	2.0	7.4	**4.0**	0.24	0.45	*C82-85,C96*
Immunoproliferative diseases	9	0.0	0.2	**0.1**	0.01	0.02	8	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	127	0.7	3.0	**2.0**	0.11	0.28	212	1.1	4.3	**2.0**	0.12	0.26	*C90*
Lymphoid leukaemia	245	1.3	5.8	**4.4**	0.21	0.47	281	1.5	5.7	**3.3**	0.18	0.30	*C91*
Myeloid leukaemia	145	0.8	3.4	**2.7**	0.13	0.26	139	0.8	2.8	**1.5**	0.08	0.16	*C92-94*
Leukaemia unspecified	57	0.3	1.4	**0.9**	0.06	0.10	61	0.3	1.2	**0.6**	0.03	0.05	*C95*
Myeloproliferative disorders	42	0.2	1.0	**0.7**	0.05	0.08	38	0.2	0.8	**0.4**	0.02	0.05	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	473	2.6	11.3	**7.7**	0.41	0.94	490	2.7	10.0	**4.3**	0.22	0.47	*O&U*
All sites	19792		470.9	**316.8**	16.36	39.02	20543		419.8	**214.7**	13.69	24.28	*C00-96*
All sites except C44	18513	100.0	440.5	**297.1**	15.64	36.77	18438	100.0	376.8	**196.9**	12.85	22.23	*C00-96 exc. C44*

§Includes 1 case of unknown age

Lithuania

REGISTRATION AREA

The Lithuanian Cancer Registry covers the Republic of Lithuania. At the beginning of 2008, the country's estimated population was 3.4 million, and 84.3% of residents were Lithuanian, 6.2% were Polish, 5.0% were Russian, 1.1% were Belarusian, and 3.4% were of other ethnic minorities. Approximately 66.9% of residents lived in urban areas.

CANCER CARE FACILITIES

The health care system is highly centralized and was converted to a state insurance-based system in 1997. Patients suspected to have cancer are typically referred by primary and secondary care facilities to specialized cancer hospitals. Specialized modern cancer treatment (surgery, radiotherapy, and chemotherapy) is provided at the Institute of Oncology of Vilnius University, Kaunas University of Medicine Clinics, Klaipėda City Hospital, and Šiauliai City Hospital. Surgery and chemotherapy are also provided at other university hospitals and major treatment centres.

REGISTRY STRUCTURE AND METHODS

The registry operates as a department of the Institute of Oncology of Vilnius University. Its staff includes an epidemiologist, a medical doctor, two medical coders, a programmer, and three registry clerks. The main sources of information are primary, secondary, and tertiary health care institutions. All physicians, hospitals, and other mandated institutions must report all cancer cases that come to their attention. These notifications are supplemented by information from pathology laboratories and death certificates. Certain legislative issues currently pose obstacles to the registry's continued full-scale activity. Although a law about cancer registries was passed by the Lithuanian parliament in 1996, the regulations covering the registry's activities have yet to be approved by the Lithuanian Ministry of Health.

INTERPRETING THE RESULTS

Three screening and early detection programmes were initiated in 2003–2007. Screening began for cervical cancer in June 2004 and for breast cancer (by mammography) in May 2006. Despite expert opposition, a nationwide early detection programme of free prostate-specific antigen (PSA) testing was introduced in 2006.

USE OF THE DATA

The registry has published annual reports on cancer incidence since 1994. The registry is also involved in epidemiological research and has participated in several descriptive and analytical epidemiological studies, including international comparison studies.

CONTRIBUTORS

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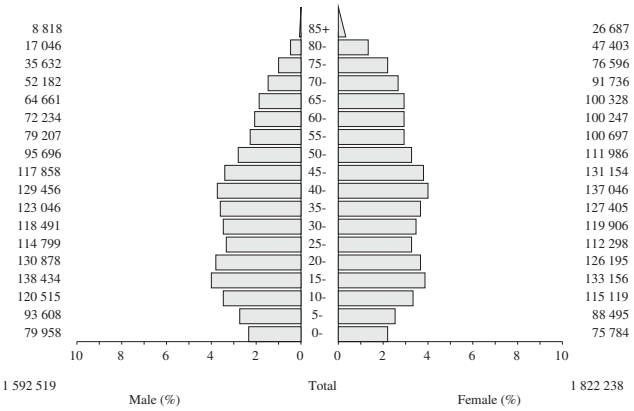
Lithuania (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2001 census (http://www.stat.gov.lt/).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	108.0	Breast	46.4
Trachea, bronchus and lung	58.5	Non-melanoma skin cancer	32.0
Non-melanoma skin cancer	30.4	Cervix uteri	20.8
Stomach	25.7	Corpus uteri	16.8
Kidney	17.6	Ovary	13.3
Bladder	16.3	Thyroid	11.4
Rectum	15.7	Colon	10.8
Colon	15.5	Stomach	10.4
Pancreas	10.7	Rectum	8.2
Other and unspecified	10.0	Kidney	8.1
All sites	395.5	All sites	242.6

Lithuania (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	206	0.5	2.6	**1.7**	0.07	0.21	91	0.3	1.0	**0.4**	0.02	0.05	*C00*
Tongue	272	0.7	3.4	**2.7**	0.24	0.34	46	0.1	0.5	**0.3**	0.02	0.03	*C01-02*
Mouth	269	0.7	3.4	**2.6**	0.22	0.31	72	0.2	0.8	**0.4**	0.03	0.05	*C03-06*
Salivary glands	121	0.3	1.5	**1.1**	0.07	0.13	81	0.2	0.9	**0.5**	0.03	0.06	*C07-08*
Tonsil	104	0.3	1.3	**1.0**	0.09	0.13	18	0.1	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	246	0.6	3.1	**2.5**	0.21	0.30	25	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	37	0.1	0.5	**0.4**	0.03	0.04	21	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	289	0.7	3.6	**2.8**	0.25	0.35	11	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	25	0.1	0.3	**0.2**	0.02	0.03	2	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	761	1.8	9.6	**7.2**	0.54	0.91	129	0.4	1.4	**0.7**	0.04	0.08	*C15*
Stomach	2924	7.1	36.7	**25.7**	1.41	3.10	2020	6.0	22.2	**10.4**	0.55	1.16	*C16*
Small intestine	61	0.1	0.8	**0.6**	0.03	0.07	73	0.2	0.8	**0.5**	0.03	0.05	*C17*
Colon	1820	4.4	22.9	**15.5**	0.68	1.89	2107	6.2	23.1	**10.8**	0.58	1.29	*C18*
Rectum	1817	4.4	22.8	**15.7**	0.73	1.97	1612	4.8	17.7	**8.2**	0.44	0.98	*C19-20*
Anus	35	0.1	0.4	**0.3**	0.02	0.03	51	0.2	0.6	**0.3**	0.01	0.03	*C21*
Liver	470	1.1	5.9	**4.1**	0.21	0.52	311	0.9	3.4	**1.4**	0.05	0.17	*C22*
Gallbladder etc.	205	0.5	2.6	**1.8**	0.09	0.21	409	1.2	4.5	**1.9**	0.09	0.21	*C23-24*
Pancreas	1202	2.9	15.1	**10.7**	0.61	1.30	1086	3.2	11.9	**5.0**	0.24	0.56	*C25*
Nose, sinuses etc.	92	0.2	1.2	**0.9**	0.06	0.10	52	0.2	0.6	**0.3**	0.02	0.03	*C30-31*
Larynx	959	2.3	12.0	**9.1**	0.72	1.14	52	0.2	0.6	**0.3**	0.02	0.04	*C32*
Trachea, bronchus and lung	6575	16.0	82.6	**58.5**	3.29	7.67	1318	3.9	14.5	**6.7**	0.36	0.75	*C33-34*
Other thoracic organs	66	0.2	0.8	**0.6**	0.03	0.08	39	0.1	0.4	**0.3**	0.01	0.02	*C37-38*
Bone	105	0.3	1.3	**1.1**	0.08	0.10	83	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	434	1.1	5.5	**4.1**	0.28	0.46	767	2.3	8.4	**5.2**	0.38	0.55	*C43*
Other skin	3549		44.6	**30.4**	1.40	3.53	6151		67.5	**32.0**	1.68	3.72	*C44*
Mesothelioma	28	0.1	0.4	**0.3**	0.02	0.03	15	0.0	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	15	0.0	0.2	**0.1**	0.00	0.01	9	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	183	0.4	2.3	**1.9**	0.12	0.18	185	0.5	2.0	**1.4**	0.09	0.14	*C47+C49*
Breast	72	0.2	0.9	**0.6**	0.03	0.08	6795	20.1	74.6	**46.4**	3.57	5.26	*C50*
Vulva							274	0.8	3.0	**1.3**	0.06	0.15	*C51*
Vagina							53	0.2	0.6	**0.3**	0.02	0.03	*C52*
Cervix uteri							2616	7.7	28.7	**20.8**	1.72	2.10	*C53*
Corpus uteri							2638	7.8	29.0	**16.8**	1.22	2.10	*C54*
Uterus unspecified							96	0.3	1.1	**0.6**	0.04	0.07	*C55*
Ovary							2026	6.0	22.2	**13.3**	0.95	1.48	*C56*
Other female genital organs							44	0.1	0.5	**0.2**	0.01	0.03	*C57*
Placenta							4	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	108	0.3	1.4	**1.0**	0.06	0.12							*C60*
Prostate	12773	31.0	160.4	**108.0**	4.27	14.57							*C61*
Testis	175	0.4	2.2	**2.0**	0.14	0.15							*C62*
Other male genital organs	6	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	1924	4.7	24.2	**17.6**	1.13	2.16	1364	4.0	15.0	**8.1**	0.49	1.01	*C64*
Renal pelvis	39	0.1	0.5	**0.3**	0.02	0.05	30	0.1	0.3	**0.1**	0.01	0.01	*C65*
Ureter	15	0.0	0.2	**0.1**	0.00	0.01	11	0.0	0.1	**0.1**	0.00	0.01	*C66*
Bladder	1930	4.7	24.2	**16.3**	0.68	1.92	656	1.9	7.2	**3.3**	0.17	0.37	*C67*
Other urinary organs	13	0.0	0.2	**0.1**	0.01	0.01	22	0.1	0.2	**0.1**	0.01	0.01	*C68*
Eye	80	0.2	1.0	**0.8**	0.05	0.09	106	0.3	1.2	**0.7**	0.04	0.08	*C69*
Brain, nervous system	660	1.6	8.3	**6.6**	0.44	0.69	743	2.2	8.2	**5.5**	0.37	0.56	*C70-72*
Thyroid	228	0.6	2.9	**2.3**	0.18	0.23	1406	4.2	15.4	**11.4**	0.94	1.17	*C73*
Adrenal gland	51	0.1	0.6	**0.5**	0.03	0.06	48	0.1	0.5	**0.4**	0.02	0.03	*C74*
Other endocrine	12	0.0	0.2	**0.2**	0.01	0.01	10	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	194	0.5	2.4	**2.2**	0.15	0.17	208	0.6	2.3	**2.2**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	734	1.8	9.2	**7.0**	0.41	0.79	811	2.4	8.9	**4.6**	0.26	0.53	*C82-85,C96*
Immunoproliferative diseases	19	0.0	0.2	**0.1**	0.00	0.01	17	0.1	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	300	0.7	3.8	**2.7**	0.16	0.33	451	1.3	4.9	**2.4**	0.13	0.30	*C90*
Lymphoid leukaemia	654	1.6	8.2	**6.4**	0.30	0.68	628	1.9	6.9	**4.2**	0.20	0.42	*C91*
Myeloid leukaemia	380	0.9	4.8	**3.6**	0.19	0.40	411	1.2	4.5	**2.8**	0.16	0.28	*C92-94*
Leukaemia unspecified	22	0.1	0.3	**0.2**	0.01	0.02	29	0.1	0.3	**0.1**	0.01	0.02	*C95*
Myeloproliferative disorders	222	0.5	2.8	**2.0**	0.12	0.23	339	1.0	3.7	**2.1**	0.13	0.24	*MPD*
Myelodysplastic syndromes	149	0.4	1.9	**1.2**	0.04	0.15	174	0.5	1.9	**0.8**	0.03	0.09	*MDS*
Other and unspecified	1124	2.7	14.1	**10.0**	0.53	1.17	1106	3.3	12.1	**5.4**	0.25	0.59	*O&U*
All sites	44754		562.1	**395.5**	20.47	49.28	39952		438.5	**242.6**	15.76	27.24	*C00-96*
All sites except C44	41205	100.0	517.5	**365.1**	19.08	45.75	33801	100.0	371.0	**210.7**	14.08	23.52	*C00-96 exc. C44*

Malta

REGISTRATION AREA

The Malta National Cancer Registry (MNCR) covers the population of the Republic of Malta, a small archipelago country in the Mediterranean Sea. At the 2005 census, the population was 410 000. There is no clear distinction between urban and rural residents. Most residents are Roman Catholic, and no distinct ethnic minority groups have been identified.

CANCER CARE FACILITIES

Health care is free for all Malta residents at the point of delivery, funded by federal taxes. Preventive, diagnostic, therapeutic, and rehabilitative services are provided in government hospitals and health centres. There is an acute general teaching hospital in Msida and a smaller general hospital on the island of Gozo. There is one private hospital in Malta, and less than 20% of residents are covered by private health insurance. Cancer surgery is provided in all Maltese hospitals, and radiotherapy and chemotherapy are administered in the oncology department of Sir Paul Boffa Hospital, the country's only cancer centre.

REGISTRY STRUCTURE AND METHODS

The MNCR is funded by the federal government and is part of the Department of Health Information and Research. It is staffed by a full-time medical officer and two registrars. Data are collected mainly through active extraction from pathology laboratories' databases, review of hospital files, and review of the National Mortality Register, which is part of the same federal department. Some passive collection methods are also used. Linkage between the cancer and mortality databases is performed on a regular basis. Almost all cancers diagnosed in Maltese residents are registered, and the number of death-certificate-only (DCO) cases is minimal.

INTERPRETING THE RESULTS

A breast cancer screening programme was started in 2009, and a colorectal screening programme was started in 2012.

USE OF THE DATA

The MNCR has published reports on cancer incidence in EUROCARE and the European Cancer Health Indicator Project (EUROCHIP). The registry is the official national source of information on cancer incidence. It also grants requests for information from both local and international sources.

CONTRIBUTORS

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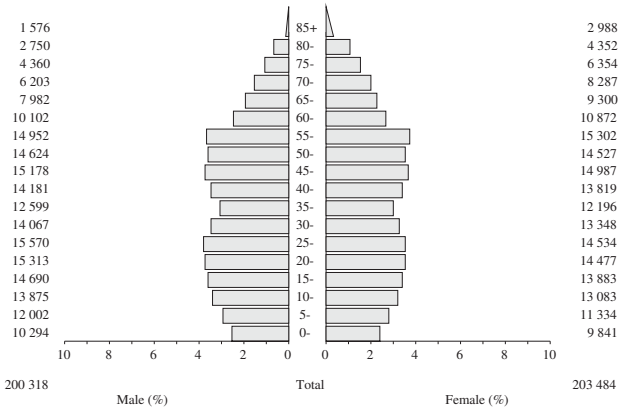
Malta (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Maltese National Statistics Office, based on the 1995 census (for 2003–2005 estimates) and the 2005 census (for 2006–2007 estimates), making allowances for births, deaths, and, migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	68.2	Breast	72.5
Prostate	42.7	Non-melanoma skin cancer	42.7
Trachea, bronchus and lung	34.5	Corpus uteri	16.3
Bladder	23.9	Colon	14.6
Colon	20.2	Ovary	10.9
Rectum	11.8	Other and unspecified	8.8
Other and unspecified	10.9	Thyroid	8.2
Non-Hodgkin lymphoma	8.7	Non-Hodgkin lymphoma	7.1
Stomach	8.4	Trachea, bronchus and lung	6.7
Pancreas	7.5	Rectum	6.3
All sites	308.1	All sites	248.5

Malta (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	19	0.5	1.9	**1.1**	0.04	0.10	2	0.1	0.2	**0.1**	0.00	0.01	*C00*
Tongue	20	0.5	2.0	**1.3**	0.08	0.15	10	0.3	1.0	**0.5**	0.04	0.08	*C01-02*
Mouth	18	0.5	1.8	**1.2**	0.10	0.14	13	0.4	1.3	**0.6**	0.03	0.08	*C03-06*
Salivary glands	15	0.4	1.5	**1.0**	0.06	0.12	6	0.2	0.6	**0.3**	0.02	0.04	*C07-08*
Tonsil	21	0.6	2.1	**1.4**	0.08	0.17	5	0.1	0.5	**0.3**	0.03	0.03	*C09*
Other oropharynx	4	0.1	0.4	**0.3**	0.02	0.03	1	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	29	0.8	2.9	**2.2**	0.15	0.26	8	0.2	0.8	**0.5**	0.03	0.06	*C11*
Hypopharynx	6	0.2	0.6	**0.4**	0.02	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	4	0.1	0.4	**0.3**	0.01	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	50	1.3	5.0	**3.3**	0.16	0.44	19	0.5	1.9	**0.9**	0.03	0.10	*C15*
Stomach	144	3.9	14.4	**8.4**	0.33	0.94	90	2.5	8.8	**4.1**	0.18	0.38	*C16*
Small intestine	10	0.3	1.0	**0.8**	0.07	0.08	12	0.3	1.2	**0.7**	0.04	0.07	*C17*
Colon	325	8.7	32.4	**20.2**	1.01	2.32	280	7.9	27.5	**14.6**	0.80	1.71	*C18*
Rectum	192	5.2	19.2	**11.8**	0.52	1.40	120	3.4	11.8	**6.3**	0.35	0.77	*C19-20*
Anus	3	0.1	0.3	**0.1**	0.00	0.00	8	0.2	0.8	**0.5**	0.05	0.06	*C21*
Liver	38	1.0	3.8	**2.6**	0.10	0.31	22	0.6	2.2	**1.0**	0.03	0.10	*C22*
Gallbladder etc.	32	0.9	3.2	**2.1**	0.06	0.22	22	0.6	2.2	**1.1**	0.07	0.12	*C23-24*
Pancreas	122	3.3	12.2	**7.5**	0.28	0.89	110	3.1	10.8	**5.0**	0.20	0.55	*C25*
Nose, sinuses etc.	10	0.3	1.0	**0.7**	0.04	0.05	7	0.2	0.7	**0.4**	0.03	0.04	*C30-31*
Larynx	80	2.1	8.0	**5.1**	0.29	0.62	11	0.3	1.1	**0.7**	0.05	0.08	*C32*
Trachea, bronchus and lung	560	15.0	55.9	**34.5**	1.48	4.32	119	3.3	11.7	**6.7**	0.44	0.85	*C33-34*
Other thoracic organs	8	0.2	0.8	**0.5**	0.03	0.08	10	0.3	1.0	**0.6**	0.04	0.09	*C37-38*
Bone	13	0.3	1.3	**1.5**	0.09	0.10	6	0.2	0.6	**0.4**	0.02	0.05	*C40-41*
Melanoma of skin	49	1.3	4.9	**3.5**	0.22	0.34	64	1.8	6.3	**4.6**	0.33	0.41	*C43*
Other skin	1096		109.4	**68.2**	2.66	7.53	794		78.0	**42.7**	2.49	4.73	*C44*
Mesothelioma	29	0.8	2.9	**1.9**	0.08	0.27	3	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	25	0.7	2.5	**1.9**	0.10	0.21	19	0.5	1.9	**1.3**	0.07	0.10	*C47+C49*
Breast	14	0.4	1.4	**1.0**	0.06	0.14	1220	34.3	119.9	**72.5**	5.29	8.09	*C50*
Vulva							36	1.0	3.5	**1.6**	0.05	0.18	*C51*
Vagina							5	0.1	0.5	**0.2**	0.00	0.05	*C52*
Cervix uteri							53	1.5	5.2	**4.1**	0.33	0.37	*C53*
Corpus uteri							286	8.0	28.1	**16.3**	1.14	2.14	*C54*
Uterus unspecified							14	0.4	1.4	**0.6**	0.03	0.06	*C55*
Ovary							180	5.1	17.7	**10.9**	0.72	1.31	*C56*
Other female genital organs							10	0.3	1.0	**0.6**	0.04	0.05	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	15	0.4	1.5	**0.9**	0.03	0.12							*C60*
Prostate	700	18.8	69.9	**42.7**	1.47	5.29							*C61*
Testis	44	1.2	4.4	**4.0**	0.30	0.30							*C62*
Other male genital organs	4	0.1	0.4	**0.3**	0.02	0.04							*C63*
Kidney	110	3.0	11.0	**7.1**	0.42	0.80	64	1.8	6.3	**3.7**	0.24	0.44	*C64*
Renal pelvis	8	0.2	0.8	**0.5**	0.04	0.06	3	0.1	0.3	**0.2**	0.01	0.02	*C65*
Ureter	5	0.1	0.5	**0.3**	0.00	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
†Bladder	390	10.5	38.9	**23.9**	1.05	2.89	123	3.5	12.1	**5.8**	0.29	0.66	*C67*
Other urinary organs	1	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	7	0.2	0.7	**0.6**	0.04	0.06	2	0.1	0.2	**0.1**	0.01	0.01	*C69*
Brain, nervous system	64	1.7	6.4	**5.0**	0.30	0.51	58	1.6	5.7	**4.8**	0.29	0.43	*C70-72*
Thyroid	28	0.8	2.8	**2.0**	0.13	0.16	107	3.0	10.5	**8.2**	0.61	0.77	*C73*
Adrenal gland	4	0.1	0.4	**0.3**	0.02	0.03	3	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	1	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	41	1.1	4.1	**3.5**	0.24	0.32	16	0.4	1.6	**1.5**	0.09	0.13	*C81*
Non-Hodgkin lymphoma	125	3.4	12.5	**8.7**	0.53	0.83	120	3.4	11.8	**7.1**	0.48	0.82	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	38	1.0	3.8	**2.5**	0.13	0.31	31	0.9	3.0	**1.5**	0.07	0.17	*C90*
Lymphoid leukaemia	38	1.0	3.8	**3.9**	0.21	0.27	24	0.7	2.4	**2.3**	0.13	0.18	*C91*
Myeloid leukaemia	58	1.6	5.8	**4.7**	0.21	0.44	34	1.0	3.3	**2.2**	0.13	0.23	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.2	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	10	0.3	1.0	**0.7**	0.05	0.08	2	0.1	0.2	**0.1**	0.00	0.01	*MPD*
Myelodysplastic syndromes	13	0.3	1.3	**0.7**	0.02	0.04	14	0.4	1.4	**0.6**	0.01	0.09	*MDS*
Other and unspecified	183	4.9	18.3	**10.9**	0.42	1.17	183	5.1	18.0	**8.8**	0.42	1.00	*O&U*
All sites	4823		481.5	**308.1**	13.79	35.06	4355		428.0	**248.5**	15.81	27.77	*C00-96*
All sites except C44	3727	100.0	372.1	**239.9**	11.12	27.53	3561	100.0	350.0	**205.8**	13.32	23.04	*C00-96 exc. C44*

† See note following population pyramid

The Netherlands

REGISTRATION AREA
The Netherlands Cancer Registry (NCR) covers all 16.8 million residents of the Netherlands.

CANCER CARE FACILITIES
Cancer care is provided by all hospitals in the Netherlands (eight university hospitals, one specialized cancer hospital, and more than 80 general hospitals). However, cancer care is increasingly centralized to a limited number of hospitals. Due to mergers, the number of general hospitals has decreased in recent decades. On average, 1000–1500 new cancer cases are diagnosed in each general hospital per year (up to 2500 in the largest hospitals), compared with fewer than 500 new cases per year 25 years ago. Radiotherapy is available in all university hospitals and several general hospitals. The country's comprehensive cancer centres (CCCs) are partnerships between health care professionals and cancer and palliative care institutions, and facilitate access to comprehensive, high-quality cancer care (e.g. by coordinating specialist consultation and support networks and by assembling tumour-specific working groups to develop, implement, and evaluate cancer guidelines). The CCCs are funded by the Ministry of Health, Welfare and Sport.

REGISTRY STRUCTURE AND METHODS
The NCR is maintained by the CCC the Netherlands and the CCC South. The main source of information is the national pathology archive, which sends weekly notifications of all cancer cases. Once a year, the registry is linked with the national hospital discharge register (which provides 5–10% of the NCR's registered cases). Hospital records are reviewed by specially trained registration clerks for additional cases. Death certificates are not available, due to privacy regulations.

INTERPRETING THE RESULTS
The NCR has been population-based since 1989, and its data are more than 95% complete. However, cases diagnosed only at the time of death are missed, as are cases with no associated pathology records.

USE OF THE DATA
The registry publishes national and regional data on annual cancer incidence, prevalence, and survival on its website (http://www.cijfersoverkanker.nl/). The NCR also receives more than 400 requests for more detailed information per year. NCR data are used to evaluate the nationwide breast cancer screening programme and to support numerous projects in collaboration with hospitals and universities, such as evaluations of guidelines and the national cancer control plan.

CONTRIBUTOR
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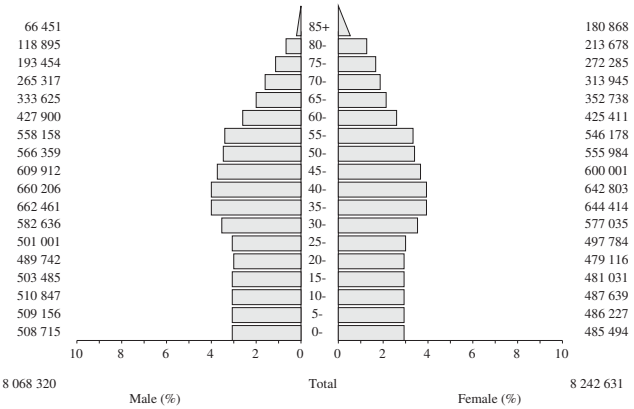
The Netherlands (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Provided by Statistics Netherlands.

NOTES ON THE DATA
*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	68.4	Breast	93.4
Trachea, bronchus and lung	49.4	Trachea, bronchus and lung	25.1
Colon	25.9	Colon	20.3
Non-melanoma skin cancer	19.8	Melanoma of skin	16.4
Rectum	17.0	Corpus uteri	12.1
Bladder	13.9	Non-melanoma skin cancer	11.0
Melanoma of skin	12.7	Rectum	10.1
Non-Hodgkin lymphoma	11.7	Non-Hodgkin lymphoma	8.2
Other and unspecified	9.4	Ovary	8.2
Stomach	9.3	Other and unspecified	7.8
All sites	327.1	All sites	276.1

*The Netherlands (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	644	0.3	1.6	**1.0**	0.04	0.12	325	0.2	0.8	**0.4**	0.02	0.05	*C00*
Tongue	1157	0.6	2.9	**1.9**	0.14	0.22	756	0.4	1.8	**1.1**	0.08	0.13	*C01-02*
Mouth	1414	0.7	3.5	**2.3**	0.17	0.28	1077	0.6	2.6	**1.5**	0.11	0.17	*C03-06*
Salivary glands	330	0.2	0.8	**0.5**	0.03	0.06	325	0.2	0.8	**0.5**	0.04	0.05	*C07-08*
Tonsil	562	0.3	1.4	**0.9**	0.07	0.11	284	0.2	0.7	**0.4**	0.04	0.05	*C09*
Other oropharynx	418	0.2	1.0	**0.7**	0.05	0.08	180	0.1	0.4	**0.3**	0.02	0.03	*C10*
Nasopharynx	231	0.1	0.6	**0.4**	0.03	0.05	99	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	722	0.4	1.8	**1.2**	0.09	0.15	197	0.1	0.5	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	26	0.0	0.1	**0.0**	0.00	0.01	11	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	5663	2.9	14.0	**8.6**	0.48	1.05	2178	1.2	5.3	**2.6**	0.14	0.30	*C15*
Stomach	6355	3.2	15.8	**9.3**	0.39	1.10	3611	1.9	8.8	**4.1**	0.20	0.47	*C16*
Small intestine	616	0.3	1.5	**1.0**	0.06	0.11	580	0.3	1.4	**0.8**	0.05	0.09	*C17*
Colon	17780	8.9	44.1	**25.9**	1.08	3.06	17819	9.5	43.2	**20.3**	0.95	2.39	*C18*
Rectum	11176	5.6	27.7	**17.0**	0.89	2.13	8010	4.3	19.4	**10.1**	0.57	1.22	*C19-20*
Anus	293	0.1	0.7	**0.5**	0.03	0.05	374	0.2	0.9	**0.5**	0.04	0.06	*C21*
Liver	1299	0.7	3.2	**2.1**	0.11	0.24	567	0.3	1.4	**0.8**	0.04	0.09	*C22*
Gallbladder etc.	1319	0.7	3.3	**1.9**	0.08	0.22	1532	0.8	3.7	**1.7**	0.08	0.18	*C23-24*
Pancreas	4282	2.2	10.6	**6.4**	0.32	0.78	4266	2.3	10.4	**5.0**	0.25	0.60	*C25*
Nose, sinuses etc.	497	0.3	1.2	**0.8**	0.04	0.10	250	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	2952	1.5	7.3	**4.6**	0.27	0.57	589	0.3	1.4	**0.8**	0.06	0.11	*C32*
Trachea, bronchus and lung	33332	16.8	82.6	**49.4**	2.15	6.32	17411	9.3	42.2	**25.1**	1.66	3.20	*C33-34*
Other thoracic organs	282	0.1	0.7	**0.5**	0.03	0.05	110	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	565	0.3	1.4	**1.3**	0.09	0.11	488	0.3	1.2	**1.1**	0.08	0.09	*C40-41*
Melanoma of skin	7396	3.7	18.3	**12.7**	0.91	1.38	9636	5.2	23.4	**16.4**	1.25	1.64	*C43*
Other skin	14216		35.2	**19.8**	0.60	2.00	10584		25.7	**11.0**	0.45	1.14	*C44*
Mesothelioma	2003	1.0	5.0	**3.0**	0.11	0.40	307	0.2	0.7	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	200	0.1	0.5	**0.4**	0.03	0.03	34	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	1368	0.7	3.4	**2.5**	0.15	0.23	1123	0.6	2.7	**1.9**	0.11	0.18	*C47+C49*
Breast	402	0.2	1.0	**0.6**	0.03	0.07	61650	33.0	149.6	**93.4**	6.95	10.64	*C50*
Vulva							1416	0.8	3.4	**1.7**	0.09	0.18	*C51*
Vagina							247	0.1	0.6	**0.3**	0.02	0.03	*C52*
Cervix uteri							3418	1.8	8.3	**5.8**	0.45	0.55	*C53*
Corpus uteri							8778	4.7	21.3	**12.1**	0.80	1.56	*C54*
Uterus unspecified							30	0.0	0.1	**0.0**	0.00	0.00	*C55*
Ovary							5636	3.0	13.7	**8.2**	0.56	0.96	*C56*
Other female genital organs							238	0.1	0.6	**0.3**	0.02	0.04	*C57*
Placenta							36	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	560	0.3	1.4	**0.8**	0.04	0.09							*C60*
Prostate	45916	23.1	113.8	**68.4**	2.74	9.21							*C61*
Testis	2962	1.5	7.3	**7.0**	0.51	0.53							*C62*
Other male genital organs	76	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	5532	2.8	13.7	**8.8**	0.50	1.08	3522	1.9	8.5	**4.9**	0.27	0.59	*C64*
Renal pelvis	611	0.3	1.5	**0.9**	0.04	0.11	394	0.2	1.0	**0.5**	0.02	0.06	*C65*
Ureter	421	0.2	1.0	**0.6**	0.02	0.07	198	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	9745	4.9	24.2	**13.9**	0.51	1.61	3108	1.7	7.5	**3.6**	0.17	0.41	*C67*
Other urinary organs	140	0.1	0.3	**0.2**	0.01	0.02	38	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	540	0.3	1.3	**1.0**	0.06	0.11	459	0.2	1.1	**0.8**	0.05	0.08	*C69*
Brain, nervous system	3141	1.6	7.8	**6.0**	0.40	0.62	2266	1.2	5.5	**4.0**	0.27	0.41	*C70-72*
Thyroid	651	0.3	1.6	**1.2**	0.08	0.12	1561	0.8	3.8	**2.8**	0.20	0.26	*C73*
Adrenal gland	118	0.1	0.3	**0.3**	0.02	0.02	118	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	46	0.0	0.1	**0.1**	0.01	0.01	22	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	1155	0.6	2.9	**2.6**	0.18	0.21	847	0.5	2.1	**2.0**	0.13	0.15	*C81*
Non-Hodgkin lymphoma	7162	3.6	17.8	**11.7**	0.67	1.30	5998	3.2	14.6	**8.2**	0.48	0.93	*C82-85,C96*
Immunoproliferative diseases	328	0.2	0.8	**0.5**	0.02	0.06	204	0.1	0.5	**0.2**	0.01	0.03	*C88*
Multiple myeloma	2581	1.3	6.4	**3.9**	0.19	0.46	2096	1.1	5.1	**2.5**	0.12	0.32	*C90*
Lymphoid leukaemia	2712	1.4	6.7	**5.2**	0.27	0.51	1793	1.0	4.4	**3.2**	0.17	0.28	*C91*
Myeloid leukaemia	2111	1.1	5.2	**3.6**	0.19	0.37	1847	1.0	4.5	**2.8**	0.16	0.28	*C92-94*
Leukaemia unspecified	25	0.0	0.1	**0.0**	0.00	0.00	33	0.0	0.1	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	928	0.5	2.3	**1.4**	0.08	0.17	830	0.4	2.0	**1.1**	0.06	0.13	*MPD*
Myelodysplastic syndromes	1482	0.7	3.7	**2.1**	0.07	0.22	1037	0.6	2.5	**1.1**	0.05	0.12	*MDS*
Other and unspecified	6447	3.2	16.0	**9.4**	0.40	1.05	6882	3.7	16.7	**7.8**	0.37	0.88	*O&U*
All sites	212890		527.7	**327.1**	15.50	39.03	197425		479.0	**276.1**	17.79	31.39	*C00-96*
All sites except C44	198674	100.0	492.5	**307.2**	14.90	37.03	186841	100.0	453.4	**265.1**	17.33	30.24	*C00-96 exc. C44*

*See note following population pyramid

The Netherlands, Eindhoven

REGISTRATION AREA

The Eindhoven Cancer Registry covers almost all of the province of North Brabant and the northern part of the province of Limburg in the Netherlands. At its inception in 1955, the registry covered an area of about 2500 km^2 with a population of almost 1 million. The covered area was substantially expanded in 1988, and the covered population had increased to 2.3 million by 2005. However, only data from the original area (still covering a population of 1 million; 6.2% of the total population of the Netherlands) is presented in this volume, for the purpose of maintaining the long-term time series across volumes.

CANCER CARE FACILITIES

The registration area has six general hospitals, four regional pathology laboratories, and a large radiotherapy institute. The region is characterized by accessible, low-cost medical care. The distance to the nearest hospital is less than 30 km for all residents. Low-volume, complex cancer surgeries are centralized within a limited number of hospitals.

REGISTRY STRUCTURE AND METHODS

The registry started in 1955 as part of an initiative for nationwide cancer registration. Trained registrars extract information on patient and tumour characteristics from medical records and pathology reports submitted to the registry by hospitals and pathology laboratories.

INTERPRETING THE RESULTS

Cervical cancer screening became available in the 1970s, but its use declined during the 1980s, until an organized programme was established in 1988. In 1996, the programme was adjusted to target women aged 30–60 years. An organized biennial mammography screening programme was gradually implemented among women aged 50–70 years during 1992–1996, and was extended to women aged up to 75 years in 1998.

USE OF THE DATA

Every 5 years, the registry publishes an overview of trends in incidence, stage, and survival of patients registered since 1958. Since 1978, survival has also been studied within the framework of EUROCARE. In recent years, registry data have been used extensively for studies on quality of care, quality of life, and cancer in the elderly; for that purpose, serious comorbidities at diagnosis have been registered since 1993. The registry's research department (approximately 25 employees) has a strong regional, national, and European orientation.

CONTRIBUTORS

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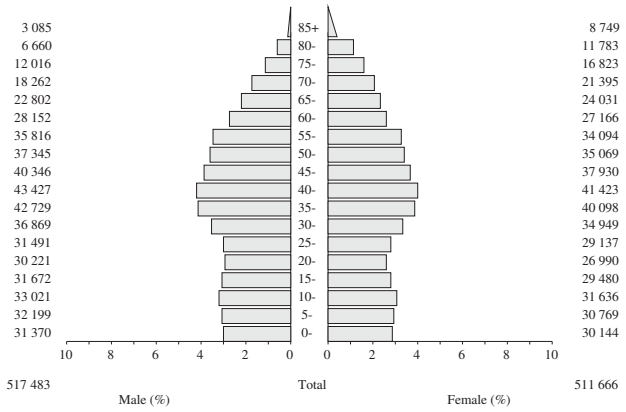
The Netherlands, Eindhoven (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by Statistics Netherlands.

NOTES ON THE DATA

*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	68.8	Breast	96.0
Trachea, bronchus and lung	52.2	Trachea, bronchus and lung	24.4
Bladder	28.7	Colon	22.3
Colon	27.5	Melanoma of skin	15.2
Non-melanoma skin cancer	20.1	Corpus uteri	13.5
Rectum	19.0	Rectum	11.2
Melanoma of skin	11.4	Non-melanoma skin cancer	10.5
Non-Hodgkin lymphoma	11.3	Other and unspecified	8.8
Other and unspecified	11.0	Non-Hodgkin lymphoma	8.2
Stomach	9.3	Ovary	8.1
All sites	342.6	All sites	281.8

*The Netherlands, Eindhoven (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	46	0.3	1.8	**1.1**	0.06	0.13	26	0.2	1.0	**0.5**	0.02	0.05	*C00*
Tongue	58	0.4	2.2	**1.5**	0.12	0.18	40	0.3	1.6	**0.9**	0.06	0.11	*C01-02*
Mouth	90	0.7	3.5	**2.4**	0.18	0.27	64	0.5	2.5	**1.3**	0.09	0.17	*C03-06*
Salivary glands	13	0.1	0.5	**0.4**	0.03	0.03	19	0.2	0.7	**0.5**	0.04	0.05	*C07-08*
Tonsil	21	0.2	0.8	**0.5**	0.03	0.06	12	0.1	0.5	**0.3**	0.02	0.03	*C09*
Other oropharynx	29	0.2	1.1	**0.8**	0.06	0.09	10	0.1	0.4	**0.3**	0.03	0.04	*C10*
Nasopharynx	17	0.1	0.7	**0.5**	0.03	0.05	7	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	32	0.2	1.2	**0.8**	0.06	0.09	11	0.1	0.4	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	3	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	326	2.4	12.6	**7.8**	0.45	0.94	109	0.9	4.3	**2.2**	0.13	0.26	*C15*
Stomach	404	3.0	15.6	**9.3**	0.38	1.11	263	2.2	10.3	**4.7**	0.22	0.53	*C16*
Small intestine	46	0.3	1.8	**1.1**	0.05	0.12	39	0.3	1.5	**0.9**	0.06	0.10	*C17*
Colon	1194	8.9	46.1	**27.5**	1.15	3.20	1190	10.0	46.5	**22.3**	1.06	2.67	*C18*
Rectum	796	5.9	30.8	**19.0**	1.02	2.35	543	4.6	21.2	**11.2**	0.64	1.36	*C19-20*
Anus	13	0.1	0.5	**0.3**	0.02	0.03	23	0.2	0.9	**0.5**	0.03	0.05	*C21*
Liver	65	0.5	2.5	**1.6**	0.07	0.18	32	0.3	1.3	**0.7**	0.05	0.08	*C22*
Gallbladder etc.	86	0.6	3.3	**2.0**	0.07	0.23	88	0.7	3.4	**1.5**	0.06	0.16	*C23-24*
Pancreas	269	2.0	10.4	**6.3**	0.28	0.78	243	2.0	9.5	**4.5**	0.20	0.59	*C25*
Nose, sinuses etc.	42	0.3	1.6	**1.0**	0.05	0.13	19	0.2	0.7	**0.5**	0.03	0.05	*C30-31*
Larynx	195	1.5	7.5	**4.7**	0.31	0.58	38	0.3	1.5	**0.9**	0.06	0.11	*C32*
Trachea, bronchus and lung	2269	16.9	87.7	**52.2**	2.23	6.56	1047	8.8	40.9	**24.4**	1.66	3.12	*C33-34*
Other thoracic organs	16	0.1	0.6	**0.5**	0.02	0.05	5	0.0	0.2	**0.1**	0.01	0.01	*C37-38*
Bone	33	0.2	1.3	**1.2**	0.08	0.10	26	0.2	1.0	**1.0**	0.07	0.08	*C40-41*
Melanoma of skin	427	3.2	16.5	**11.4**	0.77	1.30	571	4.8	22.3	**15.2**	1.15	1.50	*C43*
Other skin	871		33.7	**20.1**	0.58	1.93	600		23.5	**10.5**	0.50	1.08	*C44*
Mesothelioma	77	0.6	3.0	**1.8**	0.08	0.24	16	0.1	0.6	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	8	0.1	0.3	**0.2**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	78	0.6	3.0	**2.2**	0.14	0.20	58	0.5	2.3	**1.6**	0.09	0.15	*C47+C49*
Breast	25	0.2	1.0	**0.6**	0.04	0.08	3933	33.1	153.7	**96.0**	7.28	10.80	*C50*
Vulva							84	0.7	3.3	**1.7**	0.08	0.20	*C51*
Vagina							14	0.1	0.5	**0.3**	0.01	0.04	*C52*
Cervix uteri							196	1.6	7.7	**5.3**	0.42	0.50	*C53*
Corpus uteri							596	5.0	23.3	**13.5**	0.98	1.74	*C54*
Uterus unspecified							2	0.0	0.1	**0.0**	0.00	0.01	*C55*
Ovary							342	2.9	13.4	**8.1**	0.54	0.98	*C56*
Other female genital organs							17	0.1	0.7	**0.4**	0.03	0.04	*C57*
Placenta							4	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	23	0.2	0.9	**0.6**	0.03	0.06							*C60*
Prostate	2998	22.3	115.9	**68.8**	2.71	9.13							*C61*
Testis	172	1.3	6.6	**6.2**	0.47	0.47							*C62*
Other male genital organs	8	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	347	2.6	13.4	**8.7**	0.49	1.06	235	2.0	9.2	**5.1**	0.26	0.63	*C64*
Renal pelvis	49	0.4	1.9	**1.2**	0.04	0.13	26	0.2	1.0	**0.5**	0.03	0.07	*C65*
Ureter	30	0.2	1.2	**0.7**	0.02	0.11	10	0.1	0.4	**0.1**	0.00	0.01	*C66*
Bladder	1243	9.2	48.0	**28.7**	1.17	3.49	339	2.9	13.3	**6.7**	0.35	0.79	*C67*
Other urinary organs	12	0.1	0.5	**0.2**	0.00	0.01	3	0.0	0.1	**0.1**	0.00	0.00	*C68*
Eye	38	0.3	1.5	**1.3**	0.07	0.12	25	0.2	1.0	**0.6**	0.04	0.05	*C69*
Brain, nervous system	209	1.6	8.1	**6.1**	0.42	0.64	136	1.1	5.3	**4.0**	0.26	0.37	*C70-72*
Thyroid	49	0.4	1.9	**1.3**	0.10	0.12	88	0.7	3.4	**2.5**	0.18	0.25	*C73*
Adrenal gland	6	0.0	0.2	**0.3**	0.01	0.02	5	0.0	0.2	**0.2**	0.02	0.02	*C74*
Other endocrine	3	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	72	0.5	2.8	**2.7**	0.17	0.21	44	0.4	1.7	**1.7**	0.10	0.13	*C81*
Non-Hodgkin lymphoma	451	3.4	17.4	**11.3**	0.67	1.31	368	3.1	14.4	**8.2**	0.48	0.90	*C82-85,C96*
Immunoproliferative diseases	9	0.1	0.3	**0.2**	0.02	0.03	10	0.1	0.4	**0.2**	0.01	0.03	*C88*
Multiple myeloma	157	1.2	6.1	**3.6**	0.16	0.42	121	1.0	4.7	**2.4**	0.13	0.29	*C90*
Lymphoid leukaemia	172	1.3	6.6	**4.9**	0.25	0.52	106	0.9	4.1	**3.4**	0.18	0.29	*C91*
Myeloid leukaemia	121	0.9	4.7	**3.2**	0.13	0.35	101	0.8	3.9	**2.6**	0.17	0.28	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.1	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	41	0.3	1.6	**0.9**	0.03	0.11	47	0.4	1.8	**0.9**	0.04	0.12	*MPD*
Myelodysplastic syndromes	81	0.6	3.1	**1.8**	0.06	0.19	55	0.5	2.1	**0.9**	0.03	0.11	*MDS*
Other and unspecified	473	3.5	18.3	**11.0**	0.49	1.23	477	4.0	18.6	**8.8**	0.41	0.91	*O&U*
All sites	14313		553.2	**342.6**	15.90	40.82	12489		488.2	**281.8**	18.39	32.03	*C00-96*
All sites except C44	13442	100.0	519.5	**322.5**	15.32	38.89	11889	100.0	464.7	**271.3**	17.90	30.95	*C00-96 exc. C44*

*See note following population pyramid

Norway

REGISTRATION AREA

The Cancer Registry of Norway (CRN) covers the entire population of Norway, which has a total area of 324 000 km^2. As of 1 January 2011, the total population was 4.9 million. Most residents are ethnic Norwegian, 0.5% are Sami, and 11.6% are foreign-born.

CANCER CARE FACILITIES

There are four regional health authorities in Norway. Surgical cancer treatment is available at general hospitals and oncology centres, and radiotherapy is provided by 10 separate hospital departments. In 2010, there were approximately 3.3 hospital beds and 4.3 physicians per 1000 residents. Treatment costs are covered by the national health system.

REGISTRY STRUCTURE AND METHODS

All hospitals, laboratories, and general practitioners in Norway are required to report new cases of cancer. The Ministry of Health and Care Services is financially responsible for the CRN. The registry has about 130 employees organized in four departments and three screening units. The staff consists of physicians, researchers, statisticians, research assistants, information staff members, information and communication technology staff members, and administrative personnel. The registry receives about 120 000 notifications per year (an average of 3.2 notifications per case), which are coded and manually registered by the CRN staff. In recent years, additional information about all patients treated for cancer has been received from the Norwegian Patient Register. These data are a key source for identifying otherwise unreported cases. The estimated completeness of all cases combined is 98.8%, and about 90% of the cases are histologically verified (Larsen et al., 2009).

INTERPRETING THE RESULTS

Breast cancer screening has been offered to Norwegian women since 1995, and cervical cancer screening since 1990. The continuing increase in prostate cancer incidence since 1990 is largely due to the increasing frequency of prostate-specific antigen (PSA) testing.

USE OF THE DATA

Updated cancer incidence, mortality, survival, and prevalence data are published annually in the report *Cancer in Norway*. The CRN also receives about 300 requests for cancer data per year for inclusion in research projects. The registry provides up-to-date data to the relevant authorities for use in cancer prevention, cancer care planning, and evaluation of health services.

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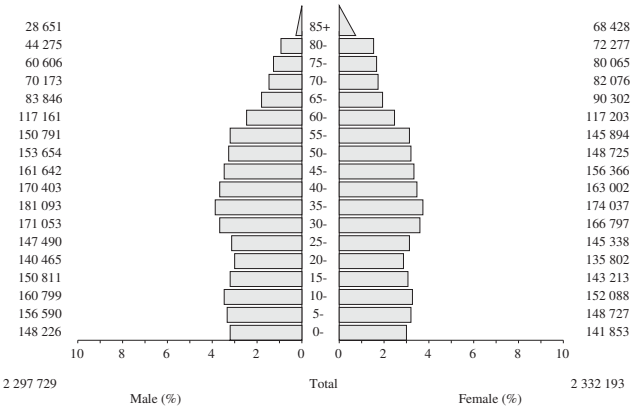
Norway (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the Norwegian National Population Register (maintained by the Norwegian Tax Administration), which is updated monthly to account for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	98.5	Breast	75.9
Trachea, bronchus and lung	36.7	Colon	23.5
Colon	25.7	Trachea, bronchus and lung	23.3
Bladder	21.4	Melanoma of skin	16.7
Rectum	16.7	Corpus uteri	16.4
Melanoma of skin	15.4	Ovary	11.3
Non-melanoma skin cancer	14.6	Rectum	10.7
Non-Hodgkin lymphoma	11.8	Non-melanoma skin cancer	9.6
Testis	10.5	Cervix uteri	9.4
Kidney	10.1	Non-Hodgkin lymphoma	8.7
All sites	345.5	All sites	278.9

Norway (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	227	0.4	2.0	**1.2**	0.05	0.14	139	0.3	1.2	**0.5**	0.03	0.06	*C00*
Tongue	251	0.4	2.2	**1.5**	0.10	0.18	144	0.3	1.2	**0.7**	0.05	0.09	*C01-02*
Mouth	261	0.4	2.3	**1.5**	0.10	0.20	230	0.4	2.0	**1.0**	0.06	0.13	*C03-06*
Salivary glands	91	0.1	0.8	**0.5**	0.03	0.06	102	0.2	0.9	**0.6**	0.03	0.06	*C07-08*
Tonsil	221	0.4	1.9	**1.4**	0.11	0.17	74	0.1	0.6	**0.4**	0.03	0.05	*C09*
Other oropharynx	68	0.1	0.6	**0.4**	0.03	0.05	21	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	46	0.1	0.4	**0.3**	0.02	0.03	24	0.0	0.2	**0.1**	0.01	0.02	*C11*
Hypopharynx	114	0.2	1.0	**0.6**	0.04	0.08	33	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	6	0.0	0.1	**0.0**	0.00	0.00	4	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	696	1.1	6.1	**3.7**	0.18	0.46	268	0.5	2.3	**1.0**	0.05	0.12	*C15*
Stomach	1621	2.6	14.1	**7.7**	0.32	0.88	1102	2.0	9.5	**4.2**	0.20	0.47	*C16*
Small intestine	285	0.5	2.5	**1.6**	0.09	0.19	236	0.4	2.0	**1.1**	0.06	0.13	*C17*
Colon	5282	8.4	46.0	**25.7**	1.03	3.00	6119	11.1	52.5	**23.5**	1.04	2.76	*C18*
Rectum	3261	5.2	28.4	**16.7**	0.80	2.02	2501	4.5	21.4	**10.7**	0.58	1.28	*C19-20*
Anus	97	0.2	0.8	**0.5**	0.04	0.06	229	0.4	2.0	**1.0**	0.07	0.12	*C21*
Liver	421	0.7	3.7	**2.2**	0.12	0.24	240	0.4	2.1	**1.0**	0.05	0.11	*C22*
Gallbladder etc.	311	0.5	2.7	**1.6**	0.08	0.18	379	0.7	3.3	**1.4**	0.07	0.16	*C23-24*
Pancreas	1593	2.5	13.9	**8.0**	0.36	0.95	1679	3.0	14.4	**6.2**	0.29	0.71	*C25*
Nose, sinuses etc.	109	0.2	0.9	**0.6**	0.04	0.07	107	0.2	0.9	**0.5**	0.03	0.05	*C30-31*
Larynx	484	0.8	4.2	**2.7**	0.15	0.35	77	0.1	0.7	**0.4**	0.03	0.05	*C32*
Trachea, bronchus and lung	7182	11.5	62.5	**36.7**	1.67	4.65	4886	8.9	41.9	**23.3**	1.30	3.08	*C33-34*
Other thoracic organs	84	0.1	0.7	**0.5**	0.03	0.05	41	0.1	0.4	**0.2**	0.01	0.02	*C37-38*
Bone	129	0.2	1.1	**1.0**	0.06	0.08	105	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	2682	4.3	23.3	**15.4**	0.97	1.78	2964	5.4	25.4	**16.7**	1.20	1.76	*C43*
Other skin	3398		29.6	**14.6**	0.39	1.43	3074		26.4	**9.6**	0.35	0.96	*C44*
Mesothelioma	337	0.5	2.9	**1.7**	0.07	0.21	65	0.1	0.6	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	35	0.1	0.3	**0.2**	0.01	0.02	15	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	381	0.6	3.3	**2.3**	0.13	0.22	349	0.6	3.0	**2.1**	0.13	0.20	*C47+C49*
Breast	85	0.1	0.7	**0.4**	0.02	0.05	13778	25.0	118.2	**75.9**	5.85	8.57	*C50*
Vulva							451	0.8	3.9	**1.9**	0.09	0.20	*C51*
Vagina							77	0.1	0.7	**0.3**	0.02	0.04	*C52*
Cervix uteri							1464	2.7	12.6	**9.4**	0.74	0.90	*C53*
Corpus uteri							3318	6.0	28.5	**16.4**	1.09	2.07	*C54*
Uterus unspecified							40	0.1	0.3	**0.1**	0.01	0.01	*C55*
Ovary							2211	4.0	19.0	**11.3**	0.79	1.29	*C56*
Other female genital organs							145	0.3	1.2	**0.7**	0.05	0.08	*C57*
Placenta							20	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	197	0.3	1.7	**1.0**	0.05	0.12							*C60*
Prostate	19266	30.8	167.7	**98.5**	4.04	12.91							*C61*
Testis	1286	2.1	11.2	**10.5**	0.78	0.82							*C62*
Other male genital organs	36	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	1841	2.9	16.0	**10.1**	0.57	1.20	1111	2.0	9.5	**5.2**	0.29	0.59	*C64*
Renal pelvis	119	0.2	1.0	**0.6**	0.03	0.07	85	0.2	0.7	**0.4**	0.02	0.05	*C65*
Ureter	53	0.1	0.5	**0.3**	0.01	0.03	36	0.1	0.3	**0.1**	0.00	0.01	*C66*
†Bladder	4467	7.1	38.9	**21.4**	0.83	2.48	1550	2.8	13.3	**6.0**	0.28	0.73	*C67*
Other urinary organs	51	0.1	0.4	**0.3**	0.01	0.03	23	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	163	0.3	1.4	**1.0**	0.06	0.11	153	0.3	1.3	**0.9**	0.05	0.09	*C69*
Brain, nervous system	1297	2.1	11.3	**8.8**	0.57	0.86	1180	2.1	10.1	**7.4**	0.47	0.71	*C70-72*
Thyroid	317	0.5	2.8	**1.9**	0.15	0.20	780	1.4	6.7	**4.9**	0.37	0.47	*C73*
Adrenal gland	38	0.1	0.3	**0.4**	0.02	0.02	47	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	69	0.1	0.6	**0.5**	0.03	0.04	91	0.2	0.8	**0.6**	0.05	0.05	*C75*
Hodgkin lymphoma	359	0.6	3.1	**2.8**	0.20	0.24	246	0.4	2.1	**2.0**	0.13	0.15	*C81*
Non-Hodgkin lymphoma	2077	3.3	18.1	**11.8**	0.71	1.33	1786	3.2	15.3	**8.7**	0.53	0.99	*C82-85,C96*
Immunoproliferative diseases	157	0.3	1.4	**0.8**	0.03	0.09	97	0.2	0.8	**0.4**	0.02	0.04	*C88*
Multiple myeloma	924	1.5	8.0	**4.7**	0.21	0.55	769	1.4	6.6	**3.0**	0.15	0.37	*C90*
Lymphoid leukaemia	865	1.4	7.5	**5.6**	0.29	0.54	627	1.1	5.4	**3.7**	0.18	0.34	*C91*
Myeloid leukaemia	638	1.0	5.6	**3.5**	0.17	0.36	517	0.9	4.4	**2.7**	0.16	0.28	*C92-94*
Leukaemia unspecified	34	0.1	0.3	**0.2**	0.01	0.02	37	0.1	0.3	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	381	0.6	3.3	**2.1**	0.13	0.25	389	0.7	3.3	**1.8**	0.10	0.22	*MPD*
Myelodysplastic syndromes	338	0.5	2.9	**1.5**	0.04	0.16	250	0.5	2.1	**0.8**	0.02	0.07	*MDS*
Other and unspecified	1307	2.1	11.4	**6.1**	0.22	0.63	1789	3.2	15.3	**6.1**	0.27	0.64	*O&U*
All sites	66038		574.8	**345.5**	16.20	40.89	58274		499.7	**278.9**	17.54	31.55	*C00-96*
All sites except C44	62640	100.0	545.2	**330.9**	15.81	39.45	55200	100.0	473.4	**269.4**	17.18	30.59	*C00-96 exc. C44*

† See note following population pyramid

Poland, Cracow

REGISTRATION AREA

The Cracow Cancer Registry covers Lesser Poland Province in southern Poland. The province has an area of 15 183 km^2 and had a population of 3.3 million in 2005. The city of Cracow has an area of 327 km^2 and had a population of 758 000 (46.8% males and 53.2% females) in 2005. The population is relatively ethnically homogeneous, and the prevailing religion is Roman Catholicism. Cracow is one of the largest industrial (with metallurgical, electromechanical, chemical, and food industries), cultural, and educational centres of Poland.

CANCER CARE FACILITIES

Cancer diagnosis and treatment services are provided in Cracow by the Maria Skłłodowska-Curie Memorial Institute of Oncology, 22 clinics of the Jagiellonian University Medical College, and 10 hospitals. Two hospitals in the registration area provide radiotherapy.

REGISTRY STRUCTURE AND METHODS

The registry is part of the Epidemiology Unit of the Maria Skłłodowska-Curie Memorial Institute of Oncology, and is supported by the Polish Ministry of Health. The registry staff consists of an epidemiologist, four registrars, a statistician, and a computer programmer. Notification of cancer cases and suspected malignant neoplasms has been mandatory in Poland since 1952. All hospitals, outpatient clinics, and individual physicians must report all cancer cases using special cards submitted to the registry. The registry conducts active case finding by checking hospital records and pathology records. Patient follow-up (through checking medical records) is carried out by the registry once a year. If no data about a cancer patient are available, information is collected via the Address Office in Cracow. Quality control is performed using the IARC-CHECK program and programs developed by the registry.

INTERPRETING THE RESULTS

Opportunistic screening for colorectal, prostate, cervical, and breast cancers has been available in Cracow since 2001. In 2006, organized screening programmes for breast and cervical cancer were implemented throughout Poland. Changes in smoking habits in recent decades are the likely explanation for diverging trends in lung cancer rates in males and females.

USE OF THE DATA

The registry publishes an annual report on cancer incidence and mortality, conducts cancer survival analyses, and participates in international, multicentre studies on survival and patient care, such as EUROCARE, the European Network for Indicators on Cancer (EUNICE) project, and CONCORD.

CONTRIBUTORS

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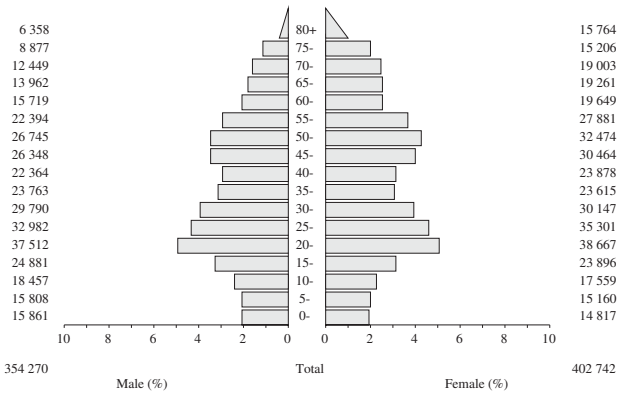
Poland, Cracow (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2002 National Census of Population and Housing data provided by the Central Statistical Office of Poland, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	58.7	Breast	60.3
Prostate	35.8	Non-melanoma skin cancer	22.6
Non-melanoma skin cancer	32.6	Trachea, bronchus and lung	17.9
Colon	22.0	Corpus uteri	16.7
Bladder	20.0	Cervix uteri	13.9
Stomach	13.9	Colon	13.4
Rectum	13.5	Ovary	12.3
Kidney	9.4	Brain, nervous system	8.9
Other and unspecified	9.3	Thyroid	7.8
Brain, nervous system	8.2	Other and unspecified	7.2
All sites	299.0	All sites	246.5

Poland, Cracow (2003-2006)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	18	0.3	1.3	**0.9**	0.06	0.09	3	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	35	0.6	2.5	**1.7**	0.13	0.19	9	0.1	0.6	**0.3**	0.02	0.04	*C01-02*
Mouth	37	0.7	2.6	**1.8**	0.12	0.22	19	0.3	1.2	**0.8**	0.06	0.07	*C03-06*
Salivary glands	17	0.3	1.2	**0.8**	0.04	0.09	25	0.4	1.6	**0.9**	0.06	0.10	*C07-08*
Tonsil	17	0.3	1.2	**0.8**	0.08	0.10	7	0.1	0.4	**0.3**	0.02	0.02	*C09*
Other oropharynx	16	0.3	1.1	**0.8**	0.06	0.09	4	0.1	0.2	**0.2**	0.02	0.02	*C10*
Nasopharynx	11	0.2	0.8	**0.5**	0.03	0.07	3	0.0	0.2	**0.1**	0.01	0.02	*C11*
Hypopharynx	7	0.1	0.5	**0.3**	0.02	0.04	11	0.2	0.7	**0.4**	0.03	0.05	*C12-13*
Pharynx unspecified	2	0.0	0.1	**0.1**	0.00	0.00	2	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	73	1.3	5.2	**3.2**	0.16	0.46	34	0.5	2.1	**1.2**	0.09	0.13	*C15*
Stomach	312	5.5	22.0	**13.9**	0.62	1.67	197	3.1	12.2	**5.5**	0.24	0.64	*C16*
Small intestine	12	0.2	0.8	**0.6**	0.05	0.07	19	0.3	1.2	**0.6**	0.03	0.07	*C17*
Colon	493	8.7	34.8	**22.0**	0.94	2.77	436	6.8	27.1	**13.4**	0.69	1.60	*C18*
Rectum	298	5.3	21.0	**13.5**	0.64	1.71	211	3.3	13.1	**6.2**	0.30	0.76	*C19-20*
Anus	4	0.1	0.3	**0.2**	0.01	0.02	24	0.4	1.5	**0.8**	0.06	0.09	*C21*
Liver	103	1.8	7.3	**4.8**	0.24	0.63	70	1.1	4.3	**2.4**	0.12	0.25	*C22*
Gallbladder etc.	64	1.1	4.5	**2.8**	0.11	0.35	154	2.4	9.6	**4.3**	0.18	0.56	*C23-24*
Pancreas	169	3.0	11.9	**7.8**	0.41	0.93	179	2.8	11.1	**5.0**	0.24	0.58	*C25*
Nose, sinuses etc.	7	0.1	0.5	**0.3**	0.02	0.04	5	0.1	0.3	**0.1**	0.00	0.01	*C30-31*
Larynx	159	2.8	11.2	**7.5**	0.53	0.94	25	0.4	1.6	**0.7**	0.04	0.09	*C32*
Trachea, bronchus and lung	1252	22.1	88.4	**58.7**	3.14	7.69	568	8.9	35.3	**17.9**	1.10	2.20	*C33-34*
Other thoracic organs	12	0.2	0.8	**0.6**	0.03	0.06	17	0.3	1.1	**0.5**	0.03	0.06	*C37-38*
Bone	16	0.3	1.1	**0.9**	0.06	0.09	10	0.2	0.6	**0.7**	0.05	0.05	*C40-41*
Melanoma of skin	129	2.3	9.1	**6.3**	0.39	0.65	156	2.4	9.7	**5.8**	0.40	0.65	*C43*
Other skin	731		51.6	**32.6**	1.44	3.90	757		47.0	**22.6**	1.11	2.76	*C44*
Mesothelioma	14	0.2	1.0	**0.6**	0.03	0.05	11	0.2	0.7	**0.4**	0.01	0.06	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.0**	0.00	0.00	2	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	33	0.6	2.3	**2.2**	0.13	0.19	22	0.3	1.4	**1.1**	0.08	0.10	*C47+C49*
Breast	15	0.3	1.1	**0.7**	0.03	0.08	1626	25.5	100.9	**60.3**	4.52	6.86	*C50*
Vulva							33	0.5	2.0	**0.9**	0.03	0.11	*C51*
Vagina							7	0.1	0.4	**0.2**	0.01	0.03	*C52*
Cervix uteri							333	5.2	20.7	**13.9**	1.12	1.44	*C53*
Corpus uteri							453	7.1	28.1	**16.7**	1.27	2.07	*C54*
Uterus unspecified							13	0.2	0.8	**0.4**	0.02	0.03	*C55*
Ovary							335	5.2	20.8	**12.3**	0.87	1.40	*C56*
Other female genital organs							14	0.2	0.9	**0.5**	0.04	0.05	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	21	0.4	1.5	**0.9**	0.05	0.09							*C60*
Prostate	802	14.1	56.6	**35.8**	1.43	4.61							*C61*
Testis	87	1.5	6.1	**5.1**	0.37	0.38							*C62*
Other male genital organs	4	0.1	0.3	**0.2**	0.00	0.01							*C63*
Kidney	198	3.5	14.0	**9.4**	0.57	1.19	178	2.8	11.0	**5.9**	0.33	0.73	*C64*
Renal pelvis	4	0.1	0.3	**0.2**	0.00	0.02	3	0.0	0.2	**0.1**	0.01	0.01	*C65*
Ureter	2	0.0	0.1	**0.1**	0.00	0.01	2	0.0	0.1	**0.1**	0.00	0.01	*C66*
Bladder	444	7.8	31.3	**20.0**	0.98	2.45	125	2.0	7.8	**3.8**	0.20	0.48	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	4	0.1	0.2	**0.1**	0.00	0.03	*C68*
Eye	15	0.3	1.1	**0.8**	0.05	0.09	12	0.2	0.7	**0.4**	0.03	0.05	*C69*
Brain, nervous system	145	2.6	10.2	**8.2**	0.47	0.84	184	2.9	11.4	**8.9**	0.51	0.82	*C70-72*
Thyroid	34	0.6	2.4	**1.8**	0.14	0.17	190	3.0	11.8	**7.8**	0.62	0.82	*C73*
Adrenal gland	10	0.2	0.7	**0.7**	0.04	0.08	15	0.2	0.9	**0.6**	0.05	0.06	*C74*
Other endocrine	6	0.1	0.4	**0.3**	0.02	0.05	7	0.1	0.4	**0.3**	0.02	0.04	*C75*
Hodgkin lymphoma	30	0.5	2.1	**1.8**	0.13	0.14	30	0.5	1.9	**1.5**	0.09	0.12	*C81*
Non-Hodgkin lymphoma	158	2.8	11.1	**8.0**	0.45	0.89	143	2.2	8.9	**5.0**	0.29	0.57	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	40	0.7	2.8	**1.8**	0.08	0.26	53	0.8	3.3	**1.7**	0.10	0.20	*C90*
Lymphoid leukaemia	55	1.0	3.9	**3.3**	0.14	0.32	43	0.7	2.7	**2.3**	0.12	0.20	*C91*
Myeloid leukaemia	53	0.9	3.7	**3.5**	0.19	0.26	43	0.7	2.7	**2.4**	0.15	0.21	*C92-94*
Leukaemia unspecified	8	0.1	0.6	**0.3**	0.00	0.02	4	0.1	0.2	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	3	0.1	0.2	**0.1**	0.00	0.02	7	0.1	0.4	**0.2**	0.01	0.02	*MPD*
Myelodysplastic syndromes	16	0.3	1.1	**0.6**	0.02	0.03	20	0.3	1.2	**0.5**	0.02	0.04	*MDS*
Other and unspecified	211	3.7	14.9	**9.3**	0.40	0.99	286	4.5	17.8	**7.2**	0.23	0.66	*O&U*
All sites	6403		451.8	**299.0**	15.05	36.14	7144		443.5	**246.5**	15.64	28.08	*C00-96*
All sites except C44	5672	100.0	400.3	**266.4**	13.61	32.24	6387	100.0	396.5	**224.0**	14.53	25.33	*C00-96 exc. C44*

Poland, Kielce

REGISTRATION AREA

The Holycross Cancer Registry covers Poland's Holycross Province, which has an area of 11 691 km^2. The Holycross Mountains are situated in the north of the province, and there is a fertile agricultural region in the south. The Vistula River forms the province's south-eastern border. The population is 1.3 million (49% males and 51% females), about 3% of the total Polish population. About 45% of residents live in urban areas and 55% in rural areas.

CANCER CARE FACILITIES

The Holycross Cancer Center in Kielce (the provincial capital) provides cancer treatment (surgical oncology, chemotherapy, radiotherapy, brachytherapy, haematology, endocrinology, and palliative care) and diagnostics (radiology, nuclear medicine, and microbiology).

REGISTRY STRUCTURE AND METHODS

The registry is part of the Holycross Cancer Center. It is staffed by a physician oncologist, a full-time biologist, two part-time computer scientists, and three full-time registrars. All physicians and medical centres must report all cancer cases using a special notification form, which includes basic demographic and diagnostic information. Although reporting is mandatory, it is often neglected, so all received records are completed by the registry staff and checked against data from the Statistical Office in Kielce, local civic departments, and hospitals.

INTERPRETING THE RESULTS

Three organized population screening programmes were initiated in 2000: for cervical cancer (among women aged 25–59 years), breast cancer (among women aged 50–69 years), and colorectal cancer (among men aged 55–64 years).

USE OF THE DATA

The registry publishes an annual report for the local government on cancer incidence, mortality, and survival. The 2015 report also includes data on incidence and predilection. Registry reports are presented at national and international conferences. The registry cooperates with the European Network of Cancer Registries (ENCR), IARC, and IACR, as well as various members of these organizations. The registry participates in international projects, such as *Cancer Incidence in Five Continents*, EUROCARE, Europe against Cancer: Optimisation of the Use of Registries for Scientific Excellence in Research (EUROCOURSE), *International Incidence of Childhood Cancer*, the European Cancer Health Indicator Project (EUROCHIP), RARECARE, and CONCORD.

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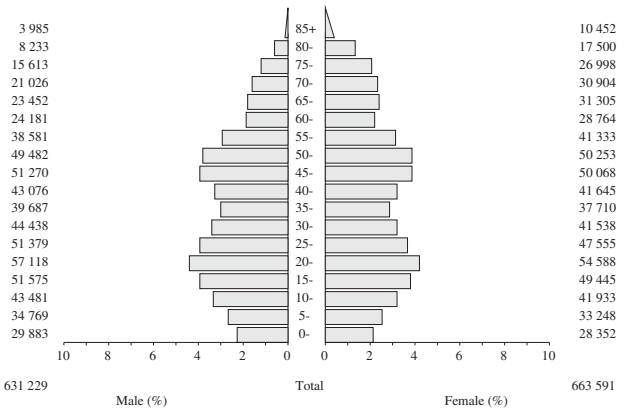
Poland, Kielce (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2002 National Census of Population and Housing data provided by the Central Statistical Office of Poland, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	66.4	Breast	39.9
Prostate	32.8	Corpus uteri	15.6
Bladder	18.7	Non-melanoma skin cancer	14.3
Non-melanoma skin cancer	17.1	Trachea, bronchus and lung	12.4
Colon	15.5	Cervix uteri	12.1
Stomach	15.4	Colon	9.9
Rectum	14.3	Ovary	9.6
Kidney	10.7	Thyroid	9.1
Other and unspecified	10.5	Rectum	7.7
Larynx	9.0	Brain, nervous system	6.1
All sites	278.5	All sites	193.0

Poland, Kielce (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	105	0.9	3.3	**2.1**	0.08	0.28	19	0.2	0.6	**0.2**	0.00	0.03	*C00*
Tongue	49	0.4	1.6	**1.1**	0.09	0.14	13	0.1	0.4	**0.2**	0.01	0.02	*C01-02*
Mouth	60	0.5	1.9	**1.4**	0.12	0.17	25	0.2	0.8	**0.5**	0.04	0.05	*C03-06*
Salivary glands	36	0.3	1.1	**0.8**	0.06	0.10	30	0.3	0.9	**0.6**	0.04	0.06	*C07-08*
Tonsil	18	0.1	0.6	**0.4**	0.04	0.05	3	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	50	0.4	1.6	**1.1**	0.09	0.14	7	0.1	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	25	0.2	0.8	**0.6**	0.03	0.08	9	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	48	0.4	1.5	**1.1**	0.11	0.13	1	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	14	0.1	0.4	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	160	1.3	5.1	**3.6**	0.23	0.45	32	0.3	1.0	**0.5**	0.04	0.06	*C15*
Stomach	744	6.2	23.6	**15.4**	0.74	1.92	393	3.9	11.8	**5.4**	0.26	0.58	*C16*
Small intestine	15	0.1	0.5	**0.3**	0.02	0.04	9	0.1	0.3	**0.1**	0.01	0.02	*C17*
Colon	735	6.1	23.3	**15.5**	0.71	1.94	677	6.7	20.4	**9.9**	0.52	1.16	*C18*
Rectum	667	5.5	21.1	**14.3**	0.78	1.81	510	5.0	15.4	**7.7**	0.42	0.96	*C19-20*
Anus	9	0.1	0.3	**0.2**	0.01	0.03	15	0.1	0.5	**0.2**	0.01	0.02	*C21*
Liver	103	0.9	3.3	**2.2**	0.10	0.25	94	0.9	2.8	**1.4**	0.06	0.14	*C22*
Gallbladder etc.	97	0.8	3.1	**2.0**	0.08	0.23	283	2.8	8.5	**3.8**	0.18	0.47	*C23-24*
Pancreas	366	3.0	11.6	**7.8**	0.43	0.90	343	3.4	10.3	**4.9**	0.27	0.55	*C25*
Nose, sinuses etc.	24	0.2	0.8	**0.5**	0.03	0.06	11	0.1	0.3	**0.2**	0.01	0.02	*C30-31*
Larynx	401	3.3	12.7	**9.0**	0.64	1.17	42	0.4	1.3	**0.8**	0.06	0.09	*C32*
Trachea, bronchus and lung	3087	25.5	97.8	**66.4**	3.76	8.66	721	7.1	21.7	**12.4**	0.90	1.48	*C33-34*
Other thoracic organs	19	0.2	0.6	**0.4**	0.02	0.05	13	0.1	0.4	**0.2**	0.01	0.02	*C37-38*
Bone	30	0.2	1.0	**0.8**	0.04	0.08	27	0.3	0.8	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	178	1.5	5.6	**4.0**	0.27	0.46	239	2.4	7.2	**4.3**	0.30	0.45	*C43*
Other skin	825		26.1	**17.1**	0.81	1.99	981		29.6	**14.3**	0.71	1.63	*C44*
Mesothelioma	26	0.2	0.8	**0.6**	0.03	0.07	25	0.2	0.8	**0.4**	0.03	0.05	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	64	0.5	2.0	**1.9**	0.12	0.17	59	0.6	1.8	**1.5**	0.11	0.13	*C47+C49*
Breast	20	0.2	0.6	**0.4**	0.01	0.05	2059	20.2	62.1	**39.9**	3.15	4.58	*C50*
Vulva							70	0.7	2.1	**0.8**	0.03	0.08	*C51*
Vagina							6	0.1	0.2	**0.1**	0.00	0.01	*C52*
Cervix uteri							578	5.7	17.4	**12.1**	1.02	1.27	*C53*
Corpus uteri							845	8.3	25.5	**15.6**	1.20	1.98	*C54*
Uterus unspecified							22	0.2	0.7	**0.3**	0.01	0.04	*C55*
Ovary							524	5.2	15.8	**9.6**	0.69	1.09	*C56*
Other female genital organs							16	0.2	0.5	**0.2**	0.01	0.02	*C57*
Placenta							2	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	39	0.3	1.2	**0.8**	0.06	0.09							*C60*
Prostate	1644	13.6	52.1	**32.8**	0.99	3.96							*C61*
Testis	114	0.9	3.6	**3.4**	0.23	0.24							*C62*
Other male genital organs	4	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	464	3.8	14.7	**10.7**	0.69	1.28	284	2.8	8.6	**4.9**	0.32	0.57	*C64*
Renal pelvis	19	0.2	0.6	**0.4**	0.01	0.05	16	0.2	0.5	**0.3**	0.02	0.04	*C65*
Ureter	2	0.0	0.1	**0.0**	0.00	0.00	3	0.0	0.1	**0.0**	0.00	0.01	*C66*
Bladder	914	7.6	29.0	**18.7**	0.87	2.33	210	2.1	6.3	**3.2**	0.18	0.39	*C67*
Other urinary organs	1	0.0	0.0	**0.0**	0.00	0.00	3	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	18	0.1	0.6	**0.4**	0.02	0.04	21	0.2	0.6	**0.5**	0.02	0.05	*C69*
Brain, nervous system	313	2.6	9.9	**7.7**	0.52	0.82	316	3.1	9.5	**6.1**	0.40	0.64	*C70-72*
Thyroid	76	0.6	2.4	**1.8**	0.13	0.20	405	4.0	12.2	**9.1**	0.75	0.96	*C73*
Adrenal gland	11	0.1	0.3	**0.3**	0.01	0.03	14	0.1	0.4	**0.3**	0.02	0.03	*C74*
Other endocrine	7	0.1	0.2	**0.2**	0.01	0.01	5	0.0	0.2	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	73	0.6	2.3	**2.1**	0.15	0.18	70	0.7	2.1	**2.0**	0.14	0.15	*C81*
Non-Hodgkin lymphoma	217	1.8	6.9	**5.0**	0.31	0.59	214	2.1	6.4	**3.7**	0.20	0.41	*C82-85,C96*
Immunoproliferative diseases	6	0.0	0.2	**0.1**	0.01	0.01	5	0.0	0.2	**0.1**	0.00	0.00	*C88*
Multiple myeloma	127	1.1	4.0	**2.7**	0.15	0.35	159	1.6	4.8	**2.4**	0.14	0.30	*C90*
Lymphoid leukaemia	220	1.8	7.0	**5.4**	0.31	0.56	148	1.5	4.5	**2.6**	0.11	0.25	*C91*
Myeloid leukaemia	161	1.3	5.1	**3.8**	0.17	0.37	137	1.3	4.1	**2.4**	0.15	0.26	*C92-94*
Leukaemia unspecified	10	0.1	0.3	**0.3**	0.01	0.02	13	0.1	0.4	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	1	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.1	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	500	4.1	15.8	**10.5**	0.53	1.21	420	4.1	12.7	**5.8**	0.29	0.60	*O&U*
All sites	12916		409.2	**278.5**	14.71	33.83	11151		336.1	**193.0**	12.96	21.84	*C00-96*
All sites except C44	12091	100.0	383.1	**261.4**	13.90	31.84	10170	100.0	306.5	**178.7**	12.25	20.21	*C00-96 exc. C44*

Poland, Lower Silesia

REGISTRATION AREA

The Lower Silesian Cancer Registry covers Lower Silesia Province in south-western Poland. The province has an area of 19 947 km^2 and is bordered by Germany to the west, the Czech Republic to the south, Opole Province to the east, and Greater Poland Province to the north. There are four cities with populations of more than 100 000: Wroclaw (the provincial capital), Walbrzych, Legnica, and Jelenia Gora. Lower Silesia is intensely urbanized and has many industries, which employ about 15% of all residents. The province is relatively low-lying and partly submountainous; its southern border is formed by the Karkonosze Mountains. In 2010, Lower Silesia had a population of 2.9 million (48% males and 52% females); 70% of whom were living in cities and 30% in rural areas. There are no data on ethnic groups in the province. The large majority of residents are Roman Catholic.

CANCER CARE FACILITIES

The Lower Silesian Oncology Centre in Wroclaw is a referral hospital with 330 beds. It provides various services for cancer treatment (including surgical oncology, chemotherapy, radiotherapy, brachytherapy, and outpatient palliative care), with more than 100 oncologists on staff. Radiotherapy services are also provided by Euromedic Onkoterapia in Walbrzych.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1962, when mandatory reporting of all cancer cases was introduced in Poland. The registry is part of the Cancer Epidemiology Department of the Lower Silesian Oncology Centre in Wroclaw. Six medical administrative staff members ensure data quality and completeness, and the registry also employs a physician, a mathematician, and a computer programmer. Patient data (including name, date of birth, and ICD site code) have been registered electronically since 1984. Many checks are used to eliminate duplicate registrations, identify multiple primaries, and correct any errors in the coding of topography and morphology.

INTERPRETING THE RESULTS

There are organized population screening programmes for breast and cervical cancers, and opportunistic screening programmes for prostate and colorectal cancers.

USE OF THE DATA

After a 2-year period for verification, the information collected is analysed to provide estimates of cancer incidence by site, age-standardized to the world standard population. The registry also analyses the distribution of new cases by age and geographical location, as well as time trends. Mapping is used extensively to visualize the data.

CONTRIBUTORS

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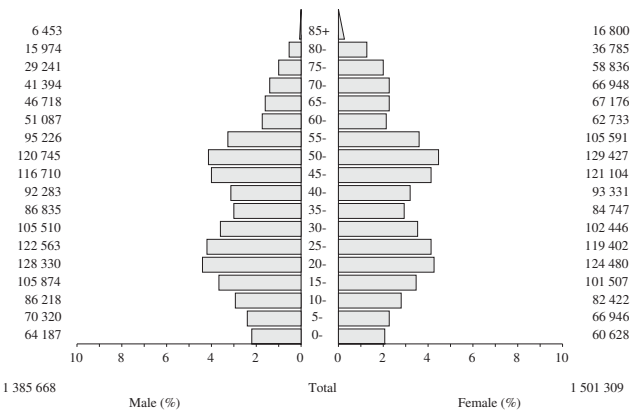
Poland, Lower Silesia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2002 National Census of Population and Housing data provided by the Central Statistical Office of Poland, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	67.9	Breast	49.4
Prostate	26.6	Trachea, bronchus and lung	20.3
Bladder	21.1	Corpus uteri	13.9
Colon	18.8	Cervix uteri	12.6
Rectum	14.9	Ovary	12.2
Stomach	13.4	Colon	11.8
Other and unspecified	13.2	Other and unspecified	8.4
Non-melanoma skin cancer	12.4	Non-melanoma skin cancer	8.3
Kidney	11.6	Rectum	7.1
Larynx	9.4	Kidney	5.9
All sites	279.5	All sites	209.0

Poland, Lower Silesia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	106	0.4	1.5	**1.1**	0.04	0.13	31	0.1	0.4	**0.2**	0.00	0.01	*C00*
Tongue	172	0.7	2.5	**1.8**	0.15	0.22	56	0.2	0.7	**0.5**	0.03	0.05	*C01-02*
Mouth	240	0.9	3.5	**2.5**	0.20	0.31	90	0.3	1.2	**0.7**	0.06	0.08	*C03-06*
Salivary glands	75	0.3	1.1	**0.8**	0.05	0.09	58	0.2	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	171	0.7	2.5	**1.7**	0.13	0.22	51	0.2	0.7	**0.4**	0.04	0.05	*C09*
Other oropharynx	28	0.1	0.4	**0.3**	0.03	0.03	6	0.0	0.1	**0.0**	0.01	0.01	*C10*
Nasopharynx	68	0.3	1.0	**0.7**	0.06	0.07	24	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	110	0.4	1.6	**1.1**	0.09	0.14	13	0.1	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	36	0.1	0.5	**0.4**	0.04	0.05	12	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	439	1.7	6.3	**4.6**	0.30	0.59	115	0.4	1.5	**0.8**	0.04	0.08	*C15*
Stomach	1346	5.2	19.4	**13.4**	0.66	1.60	850	3.3	11.3	**5.6**	0.28	0.62	*C16*
Small intestine	48	0.2	0.7	**0.5**	0.03	0.07	53	0.2	0.7	**0.4**	0.02	0.04	*C17*
Colon	1871	7.3	27.0	**18.8**	0.82	2.27	1762	6.8	23.5	**11.8**	0.60	1.45	*C18*
Rectum	1454	5.7	21.0	**14.9**	0.74	1.90	1018	4.0	13.6	**7.1**	0.40	0.88	*C19-20*
Anus	55	0.2	0.8	**0.5**	0.03	0.07	101	0.4	1.3	**0.7**	0.05	0.08	*C21*
Liver	292	1.1	4.2	**2.9**	0.13	0.35	297	1.2	4.0	**2.0**	0.10	0.23	*C22*
Gallbladder etc.	233	0.9	3.4	**2.3**	0.10	0.26	596	2.3	7.9	**3.7**	0.18	0.44	*C23-24*
Pancreas	716	2.8	10.3	**7.3**	0.44	0.92	785	3.0	10.5	**5.3**	0.27	0.65	*C25*
Nose, sinuses etc.	70	0.3	1.0	**0.8**	0.04	0.09	42	0.2	0.6	**0.3**	0.02	0.03	*C30-31*
Larynx	901	3.5	13.0	**9.4**	0.70	1.18	157	0.6	2.1	**1.3**	0.10	0.16	*C32*
Trachea, bronchus and lung	6635	25.8	95.8	**67.9**	3.61	8.85	2705	10.5	36.0	**20.3**	1.35	2.52	*C33-34*
Other thoracic organs	81	0.3	1.2	**0.9**	0.04	0.08	62	0.2	0.8	**0.5**	0.03	0.06	*C37-38*
Bone	74	0.3	1.1	**1.0**	0.06	0.08	77	0.3	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	398	1.5	5.7	**4.2**	0.28	0.48	442	1.7	5.9	**3.8**	0.27	0.39	*C43*
Other skin	1241		17.9	**12.4**	0.51	1.39	1296		17.3	**8.3**	0.39	0.90	*C44*
Mesothelioma	30	0.1	0.4	**0.3**	0.03	0.03	12	0.0	0.2	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	4	0.0	0.1	**0.0**	0.00	0.01	4	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	140	0.5	2.0	**1.6**	0.10	0.18	130	0.5	1.7	**1.4**	0.09	0.12	*C47+C49*
Breast	50	0.2	0.7	**0.5**	0.01	0.07	5884	22.9	78.4	**49.4**	3.88	5.70	*C50*
Vulva							196	0.8	2.6	**1.3**	0.07	0.15	*C51*
Vagina							54	0.2	0.7	**0.4**	0.02	0.05	*C52*
Cervix uteri							1418	5.5	18.9	**12.6**	1.03	1.33	*C53*
Corpus uteri							1762	6.8	23.5	**13.9**	0.99	1.78	*C54*
Uterus unspecified							31	0.1	0.4	**0.2**	0.01	0.02	*C55*
Ovary							1502	5.8	20.0	**12.2**	0.92	1.39	*C56*
Other female genital organs							61	0.2	0.8	**0.4**	0.03	0.04	*C57*
Placenta							3	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	61	0.2	0.9	**0.7**	0.05	0.08							*C60*
Prostate	2548	9.9	36.8	**26.6**	1.13	3.41							*C61*
Testis	439	1.7	6.3	**5.4**	0.39	0.41							*C62*
Other male genital organs	10	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	1122	4.4	16.2	**11.6**	0.76	1.39	756	2.9	10.1	**5.9**	0.35	0.72	*C64*
Renal pelvis	30	0.1	0.4	**0.3**	0.02	0.04	14	0.1	0.2	**0.1**	0.01	0.01	*C65*
Ureter	9	0.0	0.1	**0.1**	0.00	0.01	8	0.0	0.1	**0.0**	0.00	0.00	*C66*
Bladder	2080	8.1	30.0	**21.1**	0.99	2.60	668	2.6	8.9	**4.6**	0.27	0.54	*C67*
Other urinary organs	9	0.0	0.1	**0.1**	0.00	0.02	7	0.0	0.1	**0.1**	0.00	0.00	*C68*
Eye	39	0.2	0.6	**0.4**	0.02	0.04	44	0.2	0.6	**0.5**	0.03	0.05	*C69*
Brain, nervous system	603	2.3	8.7	**7.0**	0.45	0.73	629	2.4	8.4	**5.8**	0.38	0.60	*C70-72*
Thyroid	101	0.4	1.5	**1.2**	0.08	0.12	380	1.5	5.1	**3.5**	0.26	0.36	*C73*
Adrenal gland	32	0.1	0.5	**0.4**	0.02	0.04	50	0.2	0.7	**0.5**	0.03	0.05	*C74*
Other endocrine	15	0.1	0.2	**0.2**	0.02	0.02	15	0.1	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	159	0.6	2.3	**2.0**	0.14	0.17	159	0.6	2.1	**2.0**	0.14	0.15	*C81*
Non-Hodgkin lymphoma	493	1.9	7.1	**5.4**	0.33	0.61	456	1.8	6.1	**3.7**	0.22	0.40	*C82-85,C96*
Immunoproliferative diseases	8	0.0	0.1	**0.1**	0.00	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	197	0.8	2.8	**2.0**	0.11	0.24	244	0.9	3.3	**1.7**	0.09	0.23	*C90*
Lymphoid leukaemia	353	1.4	5.1	**4.2**	0.22	0.42	296	1.1	3.9	**2.4**	0.12	0.24	*C91*
Myeloid leukaemia	244	0.9	3.5	**2.5**	0.11	0.29	231	0.9	3.1	**1.9**	0.09	0.20	*C92-94*
Leukaemia unspecified	31	0.1	0.4	**0.3**	0.02	0.04	33	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	2	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1288	5.0	18.6	**13.2**	0.67	1.50	1297	5.0	17.3	**8.4**	0.38	0.89	*O&U*
All sites	26957		389.1	**279.5**	14.94	33.91	27045		360.3	**209.0**	13.81	23.98	*C00-96*
All sites except C44	25716	100.0	371.2	**267.1**	14.43	32.52	25749	100.0	343.0	**200.7**	13.42	23.08	*C00-96 exc. C44*

Poland, Podkarpackie

REGISTRATION AREA

The Podkarpackie Cancer Registry (PCR) covers the population of Podkarpackie Province in south-eastern Poland. The province is divided into 25 counties. At the end of 2005, the population was 2.1 million, with about 40% of residents living in urban areas.

CANCER CARE FACILITIES

Outpatient and inpatient health care is provided by public and private health care units and practitioners. Cancer patients receive consultations and specialist care in 21 cancer centres and four hospitals with special oncology wards (three with inpatient oncology wards and the fourth with an outpatient chemotherapy ward). The hospitals provide chemotherapy, radiotherapy, and surgical interventions.

REGISTRY STRUCTURE AND METHODS

The PCR operates within the Podkarpackie Centre of Public Health in Rzeszów. The registry is staffed by three full-time registrars, a part-time oncologist, and a part-time information technology officer. Health care units and private and public practitioners provide information on confirmed and suspected cancer cases in Podkarpackie residents, including cases diagnosed outside the province. Cancer cases diagnosed on autopsy are also reported to the registry, and the PCR includes data on all cancer deaths in the province, whether previously registered or not. The comparison of hospital data from general hospitals in the province with cancer databases also enables the generation of lists containing information about inpatients treated for cases that were not reported to the registry.

INTERPRETING THE RESULTS

As part of Poland's National Cancer Control Program, screening programmes for breast, cervical, and colorectal cancers are in place within Podkarpackie. However, it is not possible to determine the rates of participation in these screening programmes, due to limited transmission of data from health care organizations.

USE OF THE DATA

The registry publishes annual reports that summarize current cancer trends and compare data with those from previous years. The PCR's cancer bulletins are available from the registry's website (http://rejonk.rzeszow.uw.gov.pl).

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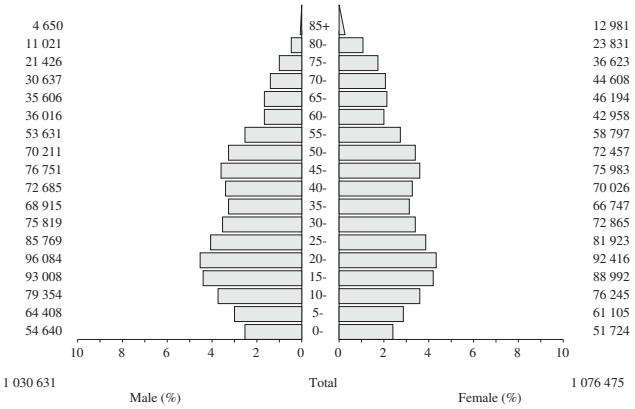
Poland, Podkarpackie (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2002 National Census of Population and Housing data provided by the Central Statistical Office of Poland, making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	61.0	Breast	35.0
Prostate	32.5	Corpus uteri	15.1
Bladder	20.2	Ovary	11.2
Stomach	16.2	Cervix uteri	11.1
Colon	15.2	Non-melanoma skin cancer	11.1
Non-melanoma skin cancer	15.0	Trachea, bronchus and lung	10.6
Rectum	14.2	Colon	9.6
Kidney	12.6	Brain, nervous system	7.1
Other and unspecified	9.3	Rectum	6.7
Larynx	9.1	Kidney	6.4
All sites	276.1	All sites	183.5

Poland, Podkarpackie (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	134	0.8	2.6	**1.9**	0.06	0.23	53	0.4	1.0	**0.5**	0.02	0.06	*C00*
Tongue	90	0.5	1.7	**1.5**	0.12	0.19	25	0.2	0.5	**0.3**	0.02	0.04	*C01-02*
Mouth	155	0.9	3.0	**2.5**	0.21	0.30	41	0.3	0.8	**0.5**	0.03	0.05	*C03-06*
Salivary glands	59	0.3	1.1	**0.9**	0.04	0.11	44	0.3	0.8	**0.6**	0.04	0.05	*C07-08*
Tonsil	69	0.4	1.3	**1.1**	0.09	0.14	25	0.2	0.5	**0.3**	0.03	0.04	*C09*
Other oropharynx	40	0.2	0.8	**0.6**	0.05	0.08	6	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	32	0.2	0.6	**0.5**	0.04	0.05	7	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	68	0.4	1.3	**1.1**	0.09	0.14	4	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	29	0.2	0.6	**0.5**	0.03	0.06	13	0.1	0.2	**0.2**	0.01	0.02	*C14*
Oesophagus	220	1.3	4.3	**3.5**	0.26	0.44	48	0.3	0.9	**0.5**	0.02	0.04	*C15*
Stomach	1122	6.4	21.8	**16.2**	0.75	1.99	645	4.4	12.0	**6.2**	0.30	0.66	*C16*
Small intestine	25	0.1	0.5	**0.4**	0.02	0.04	36	0.2	0.7	**0.4**	0.02	0.04	*C17*
Colon	1045	6.0	20.3	**15.2**	0.71	1.87	939	6.4	17.4	**9.6**	0.51	1.10	*C18*
Rectum	973	5.5	18.9	**14.2**	0.76	1.69	636	4.4	11.8	**6.7**	0.36	0.84	*C19-20*
Anus	22	0.1	0.4	**0.3**	0.01	0.02	35	0.2	0.7	**0.3**	0.02	0.04	*C21*
Liver	228	1.3	4.4	**3.4**	0.17	0.37	229	1.6	4.3	**2.0**	0.09	0.20	*C22*
Gallbladder etc.	155	0.9	3.0	**2.2**	0.08	0.24	408	2.8	7.6	**3.9**	0.18	0.45	*C23-24*
Pancreas	510	2.9	9.9	**7.5**	0.39	0.91	533	3.6	9.9	**5.1**	0.23	0.57	*C25*
Nose, sinuses etc.	33	0.2	0.6	**0.5**	0.04	0.05	20	0.1	0.4	**0.2**	0.01	0.03	*C30-31*
Larynx	599	3.4	11.6	**9.1**	0.66	1.13	50	0.3	0.9	**0.6**	0.05	0.07	*C32*
Trachea, bronchus and lung	4140	23.6	80.3	**61.0**	3.03	7.91	959	6.6	17.8	**10.6**	0.68	1.27	*C33-34*
Other thoracic organs	56	0.3	1.1	**0.8**	0.03	0.08	48	0.3	0.9	**0.6**	0.04	0.07	*C37-38*
Bone	82	0.5	1.6	**1.2**	0.07	0.12	60	0.4	1.1	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	245	1.4	4.8	**3.8**	0.26	0.41	291	2.0	5.4	**3.6**	0.25	0.39	*C43*
Other skin	1047		20.3	**15.0**	0.65	1.68	1108		20.6	**11.1**	0.55	1.21	*C44*
Mesothelioma	32	0.2	0.6	**0.5**	0.03	0.06	13	0.1	0.2	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	2	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	112	0.6	2.2	**2.0**	0.12	0.19	91	0.6	1.7	**1.5**	0.09	0.13	*C47+C49*
Breast	26	0.1	0.5	**0.4**	0.02	0.05	2722	18.6	50.6	**35.0**	2.69	3.95	*C50*
Vulva							106	0.7	2.0	**1.0**	0.03	0.11	*C51*
Vagina							29	0.2	0.5	**0.3**	0.02	0.04	*C52*
Cervix uteri							799	5.5	14.8	**11.1**	0.93	1.18	*C53*
Corpus uteri							1195	8.2	22.2	**15.1**	1.14	1.89	*C54*
Uterus unspecified							10	0.1	0.2	**0.1**	0.00	0.01	*C55*
Ovary							900	6.2	16.7	**11.2**	0.79	1.24	*C56*
Other female genital organs							44	0.3	0.8	**0.4**	0.02	0.04	*C57*
Placenta							2	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	48	0.3	0.9	**0.7**	0.04	0.09							*C60*
Prostate	2282	13.0	44.3	**32.5**	1.08	3.97							*C61*
Testis	147	0.8	2.9	**2.5**	0.17	0.18							*C62*
Other male genital organs	10	0.1	0.2	**0.2**	0.01	0.02							*C63*
Kidney	816	4.7	15.8	**12.6**	0.81	1.57	511	3.5	9.5	**6.4**	0.43	0.74	*C64*
Renal pelvis	25	0.1	0.5	**0.4**	0.02	0.05	13	0.1	0.2	**0.2**	0.01	0.03	*C65*
Ureter	6	0.0	0.1	**0.1**	0.01	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	1405	8.0	27.3	**20.2**	0.89	2.41	314	2.1	5.8	**3.2**	0.17	0.37	*C67*
Other urinary organs	8	0.0	0.2	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	37	0.2	0.7	**0.7**	0.04	0.06	36	0.2	0.7	**0.5**	0.03	0.05	*C69*
Brain, nervous system	543	3.1	10.5	**8.7**	0.52	0.90	565	3.9	10.5	**7.1**	0.44	0.76	*C70-72*
Thyroid	88	0.5	1.7	**1.4**	0.10	0.14	391	2.7	7.3	**5.7**	0.46	0.59	*C73*
Adrenal gland	35	0.2	0.7	**0.7**	0.04	0.07	34	0.2	0.6	**0.4**	0.03	0.05	*C74*
Other endocrine	18	0.1	0.3	**0.3**	0.02	0.03	25	0.2	0.5	**0.3**	0.02	0.04	*C75*
Hodgkin lymphoma	112	0.6	2.2	**1.9**	0.13	0.17	112	0.8	2.1	**1.9**	0.12	0.14	*C81*
Non-Hodgkin lymphoma	394	2.2	7.6	**6.2**	0.35	0.72	361	2.5	6.7	**4.2**	0.27	0.48	*C82-85,C96*
Immunoproliferative diseases	4	0.0	0.1	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	145	0.8	2.8	**2.2**	0.11	0.27	165	1.1	3.1	**1.8**	0.11	0.23	*C90*
Lymphoid leukaemia	289	1.6	5.6	**4.7**	0.24	0.49	214	1.5	4.0	**2.7**	0.13	0.26	*C91*
Myeloid leukaemia	157	0.9	3.0	**2.6**	0.16	0.28	148	1.0	2.7	**1.8**	0.10	0.19	*C92-94*
Leukaemia unspecified	18	0.1	0.3	**0.3**	0.02	0.03	9	0.1	0.2	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	3	0.0	0.1	**0.0**	0.00	0.00	3	0.0	0.1	**0.0**	0.00	0.01	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	655	3.7	12.7	**9.3**	0.39	1.03	647	4.4	12.0	**6.2**	0.28	0.58	*O&U*
All sites	18595		360.8	**276.1**	13.98	33.04	15726		292.2	**183.5**	11.85	20.46	*C00-96*
All sites except C44	17548	100.0	340.5	**261.1**	13.33	31.36	14618	100.0	271.6	**172.5**	11.31	19.25	*C00-96 exc. C44*

Portugal, Azores

REGISTRATION AREA

The Azores Cancer Registry covers Portugal's Autonomous Region of the Azores, which is an archipelago composed of nine volcanic islands in the North Atlantic Ocean. The islands are divided into three groups: the Western Group (Flores and Corvo), the Central Group (Terceira, Faial, Pico, São Jorge, and Graciosa), and the Eastern Group (São Miguel and Santa Maria). At the 2011 census, the region's total population was 246 000 (121 000 males and 125 000 females). The region covers an area of 2346 km^2 and is divided into 19 municipalities.

CANCER CARE FACILITIES

There are three hospitals in the region: on the islands of São Miguel, Terceira, and Faial. There are also 16 health centres and one oncology centre, which is responsible for both the registry and the organized cancer screening programmes.

REGISTRY STRUCTURE AND METHODS

Data collection is both passive and active. The registry's main information sources are the three regional public hospitals, several private pathology laboratories (some on the archipelago and others in mainland Portugal), and the country's other three regional population-based cancer registries. The Azores Cancer Registry receives information electronically from the pathology and haematology-oncology departments of the regional public hospitals. The private laboratories routinely submit their information in the form of pathology reports, and the other regional cancer registries forward any information about Azorean cancer patients diagnosed or treated outside of the Azores. Death certificates specifically citing cancer are also received by the registry. On the basis of the information gathered from hospital information systems and death certificates, registry staff members actively look for patients' clinical data in hospital and health centre records.

INTERPRETING THE RESULTS

A screening programme was launched for breast cancer in November 2008 and for cervical cancer in February 2010. A screening programme for colorectal cancer is also being planned.

USE OF THE DATA

Registry data have been included in projects such as EUROCARE, the European Cancer Incidence and Mortality (EUROCIM) database, *International Incidence of Childhood Cancer*, and CONCORD. The data are also available from the European Cancer Observatory website.

CONTRIBUTORS

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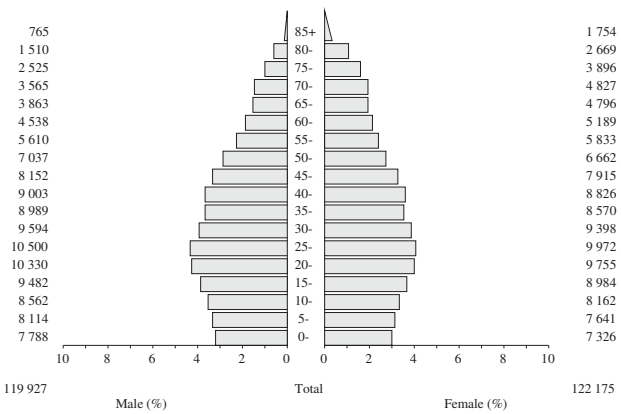
Portugal, Azores (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on annual estimates of the resident population provided by the Portuguese National Institute for Statistics (Lisbon).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	69.6	Breast	56.7
Non-melanoma skin cancer	65.5	Non-melanoma skin cancer	37.2
Trachea, bronchus and lung	63.0	Colon	14.4
Bladder	21.7	Cervix uteri	12.1
Colon	20.9	Corpus uteri	11.6
Stomach	20.4	Non-Hodgkin lymphoma	11.3
Larynx	14.9	Thyroid	9.1
Other and unspecified	12.8	Stomach	8.8
Non-Hodgkin lymphoma	12.2	Ovary	8.4
Pancreas	8.7	Melanoma of skin	7.6
All sites	416.3	All sites	244.0

Portugal, Azores (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	50	1.8	8.3	**6.2**	0.31	0.68	8	0.4	1.3	**0.5**	0.00	0.06	*C00*
Tongue	37	1.4	6.2	**5.1**	0.36	0.66	4	0.2	0.7	**0.5**	0.03	0.07	*C01-02*
Mouth	32	1.2	5.3	**4.5**	0.31	0.55	7	0.4	1.1	**0.7**	0.02	0.08	*C03-06*
Salivary glands	1	0.0	0.2	**0.1**	0.01	0.01	4	0.2	0.7	**0.4**	0.01	0.03	*C07-08*
Tonsil	36	1.3	6.0	**5.1**	0.47	0.55	2	0.1	0.3	**0.2**	0.02	0.04	*C09*
Other oropharynx	9	0.3	1.5	**1.3**	0.12	0.14	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	17	0.6	2.8	**2.5**	0.18	0.26	7	0.4	1.1	**1.0**	0.09	0.09	*C11*
Hypopharynx	30	1.1	5.0	**4.5**	0.41	0.58	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	4	0.1	0.7	**0.6**	0.03	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	45	1.7	7.5	**6.0**	0.51	0.68	2	0.1	0.3	**0.3**	0.03	0.03	*C15*
Stomach	166	6.1	27.7	**20.4**	1.17	2.15	93	5.0	15.2	**8.8**	0.44	0.98	*C16*
Small intestine	5	0.2	0.8	**0.7**	0.04	0.10	3	0.2	0.5	**0.3**	0.01	0.03	*C17*
Colon	166	6.1	27.7	**20.9**	1.12	2.44	145	7.8	23.7	**14.4**	0.88	1.69	*C18*
Rectum	70	2.6	11.7	**8.4**	0.36	1.07	50	2.7	8.2	**5.0**	0.23	0.62	*C19-20*
Anus	4	0.1	0.7	**0.6**	0.06	0.06	6	0.3	1.0	**0.6**	0.03	0.07	*C21*
Liver	43	1.6	7.2	**5.6**	0.38	0.67	17	0.9	2.8	**1.2**	0.05	0.11	*C22*
Gallbladder etc.	45	1.7	7.5	**4.5**	0.10	0.40	39	2.1	6.4	**3.5**	0.20	0.42	*C23-24*
Pancreas	67	2.5	11.2	**8.7**	0.57	0.98	63	3.4	10.3	**5.5**	0.24	0.64	*C25*
Nose, sinuses etc.	6	0.2	1.0	**0.6**	0.02	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	104	3.8	17.3	**14.9**	1.17	1.84	3	0.2	0.5	**0.4**	0.03	0.05	*C32*
Trachea, bronchus and lung	486	17.9	81.1	**63.0**	3.33	8.22	69	3.7	11.3	**6.8**	0.38	0.79	*C33-34*
Other thoracic organs	4	0.1	0.7	**0.4**	0.02	0.05	2	0.1	0.3	**0.3**	0.02	0.02	*C37-38*
Bone	5	0.2	0.8	**0.9**	0.04	0.07	6	0.3	1.0	**1.0**	0.06	0.06	*C40-41*
Melanoma of skin	36	1.3	6.0	**4.9**	0.28	0.51	57	3.1	9.3	**7.6**	0.63	0.71	*C43*
Other skin	534		89.1	**65.5**	3.17	7.36	406		66.5	**37.2**	2.04	3.83	*C44*
Mesothelioma	1	0.0	0.2	**0.1**	0.02	0.02	1	0.1	0.2	**0.2**	0.01	0.01	*C45*
Kaposi sarcoma	4	0.1	0.7	**0.6**	0.06	0.08	11	0.6	1.8	**0.8**	0.02	0.08	*C46*
Connective and soft tissue	15	0.6	2.5	**2.1**	0.08	0.21	15	0.8	2.5	**1.6**	0.12	0.18	*C47+C49*
Breast	5	0.2	0.8	**0.6**	0.02	0.02	487	26.1	79.7	**56.7**	4.19	6.39	*C50*
Vulva							8	0.4	1.3	**0.7**	0.03	0.09	*C51*
Vagina							5	0.3	0.8	**0.4**	0.02	0.02	*C52*
Cervix uteri							92	4.9	15.1	**12.1**	1.01	1.22	*C53*
Corpus uteri							114	6.1	18.7	**11.6**	0.75	1.48	*C54*
Uterus unspecified							2	0.1	0.3	**0.3**	0.03	0.03	*C55*
Ovary							71	3.8	11.6	**8.4**	0.65	0.96	*C56*
Other female genital organs							1	0.1	0.2	**0.2**	0.02	0.02	*C57*
Placenta							1	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	7	0.3	1.2	**0.9**	0.07	0.09							*C60*
Prostate	572	21.1	95.4	**69.6**	2.83	8.96							*C61*
Testis	22	0.8	3.7	**3.3**	0.23	0.26							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	56	2.1	9.3	**7.3**	0.42	0.94	39	2.1	6.4	**5.0**	0.37	0.62	*C64*
Renal pelvis	4	0.1	0.7	**0.3**	0.00	0.03	2	0.1	0.3	**0.2**	0.00	0.02	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.1**	0.00	0.00	*C66*
Bladder	174	6.4	29.0	**21.7**	1.05	2.50	38	2.0	6.2	**3.3**	0.17	0.32	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.2**	0.01	0.01	*C68*
Eye	2	0.1	0.3	**0.2**	0.02	0.02	2	0.1	0.3	**0.3**	0.03	0.03	*C69*
Brain, nervous system	38	1.4	6.3	**5.9**	0.46	0.65	40	2.1	6.5	**5.5**	0.33	0.60	*C70-72*
Thyroid	26	1.0	4.3	**3.7**	0.28	0.39	65	3.5	10.6	**9.1**	0.66	0.83	*C73*
Adrenal gland	2	0.1	0.3	**0.5**	0.02	0.02	4	0.2	0.7	**0.5**	0.02	0.04	*C74*
Other endocrine	1	0.0	0.2	**0.2**	0.01	0.01	2	0.1	0.3	**0.6**	0.03	0.03	*C75*
Hodgkin lymphoma	28	1.0	4.7	**4.3**	0.31	0.34	11	0.6	1.8	**1.8**	0.11	0.13	*C81*
Non-Hodgkin lymphoma	89	3.3	14.8	**12.2**	0.78	1.32	98	5.3	16.0	**11.3**	0.70	1.22	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.2	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	23	0.8	3.8	**2.9**	0.15	0.37	25	1.3	4.1	**2.1**	0.10	0.24	*C90*
Lymphoid leukaemia	25	0.9	4.2	**4.1**	0.21	0.29	26	1.4	4.3	**3.4**	0.14	0.31	*C91*
Myeloid leukaemia	19	0.7	3.2	**2.6**	0.16	0.26	26	1.4	4.3	**3.4**	0.24	0.28	*C92-94*
Leukaemia unspecified	4	0.1	0.7	**0.4**	0.00	0.03	6	0.3	1.0	**0.7**	0.05	0.05	*C95*
Myeloproliferative disorders	17	0.6	2.8	**2.3**	0.09	0.33	11	0.6	1.8	**1.2**	0.04	0.17	*MPD*
Myelodysplastic syndromes	13	0.5	2.2	**1.5**	0.05	0.18	14	0.8	2.3	**1.3**	0.09	0.13	*MDS*
Other and unspecified	101	3.7	16.8	**12.8**	0.71	1.54	59	3.2	9.7	**4.8**	0.20	0.49	*O&U*
All sites	3251		542.2	**416.3**	22.58	49.04	2271		371.8	**244.0**	15.58	26.45	*C00-96*
All sites except C44	2717	100.0	453.1	**350.7**	19.41	41.68	1865	100.0	305.3	**206.8**	13.54	22.62	*C00-96 exc. C44*

Russian Federation, Saint Petersburg

REGISTRATION AREA

The St. Petersburg Population-based Cancer Registry covers Saint Petersburg, which is the second largest city in the Russian Federation and one of its main industrial, scientific, and cultural centres. Saint Petersburg was founded in May 1703. Its name was changed to Petrograd in 1914, to Leningrad in 1924, and back to Saint Petersburg in 1991. It was the capital of Russia from 1712 to 1728 and from 1732 to 1918. The city's total area is 570 km^2. The main occupations are in heavy industry, and particularly in heavy engineering (such as energy engineering, machine-tool construction, and shipbuilding). In 2010, the population was 4.8 million and the all-cause mortality rate was 14.2 deaths per 1000 residents. In 2009, the average life expectancy was 71.2 years.

CANCER CARE FACILITIES

There are three medical institutes and two advanced physician training institutes, as well as many clinics and hospitals. Some patients come from other parts of the country. Cancer treatment is provided primarily by the St. Petersburg City Oncology Dispensary at the Professor N.N. Petrov Research Institute of Oncology, and in several oncology departments in large general hospitals. The total number of hospital beds for cancer patients is 1416, including 428 for radiology and 75 for paediatric patients. About 37% of cancer patients are treated in general hospitals and clinics.

REGISTRY STRUCTURE AND METHODS

The general process of registration is the same as that used in other Commonwealth of Independent States (CIS) countries. Any physician who diagnoses a patient with cancer must send a notification card to the oncology dispensary or the cancer registry of the patient's region of residence. On the basis of this card (and other documents), a control card is compiled and its information entered into the electronic database. The oncology dispensary data are checked regularly against those of the statistics department (which is responsible for registering cancer deaths).

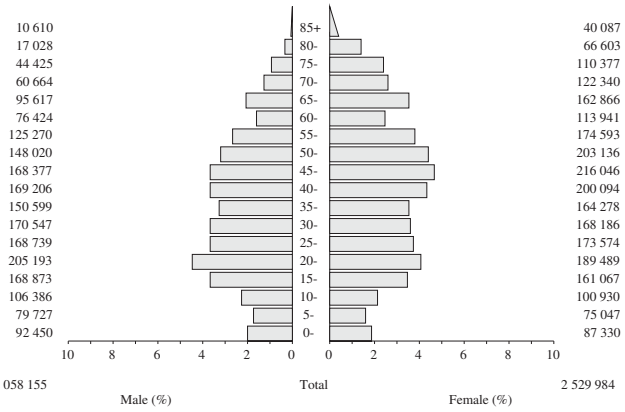
USE OF THE DATA

Information about all cancer patients and cancer deaths is compiled in special tables and sent to the Ministry of Health of the Russian Federation annually. Registry data are also used for epidemiological research carried out by the Professor N.N. Petrov Research Institute of Oncology, including a study of geographical cancer incidence in different areas of the CIS.

CONTRIBUTOR

V.M. Merabichvili

Russian Federation, Saint Petersburg (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Estimates based on 2002 census data provided by the Saint Petersburg Committee on Statistics.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	48.1	Breast	47.4
Stomach	29.0	Colon	17.5
Prostate	23.1	Corpus uteri	14.5
Colon	20.6	Non-melanoma skin cancer	14.1
Rectum	15.6	Stomach	13.0
Non-melanoma skin cancer	14.7	Ovary	11.4
Kidney	12.6	Cervix uteri	10.1
Bladder	11.7	Rectum	9.3
Pancreas	10.3	Trachea, bronchus and lung	7.5
Oesophagus	7.6	Kidney	6.4
All sites	261.9	All sites	206.0

Russian Federation, Saint Petersburg (2003-2007)

	Male						Female						
			Crude	ASR	Cum. rates				Crude	ASR	Cum. rates		
SITE	No. cases	Freq. (%)	rate (per 100,000)	world	0-64 (%)	0-74	No. cases	Freq. (%)	rate (per 100,000)	world	0-64 (%)	0-74	ICD-10
Lip	86	0.2	0.8	**0.6**	0.02	0.08	41	0.1	0.3	**0.1**	0.00	0.01	*C00*
Tongue	387	1.1	3.8	**2.7**	0.21	0.34	130	0.3	1.0	**0.6**	0.04	0.07	*C01-02*
Mouth	431	1.2	4.2	**3.0**	0.24	0.37	154	0.3	1.2	**0.6**	0.04	0.07	*C03-06*
Salivary glands	94	0.3	0.9	**0.6**	0.03	0.08	122	0.3	1.0	**0.5**	0.03	0.06	*C07-08*
Tonsil	91	0.3	0.9	**0.6**	0.05	0.08	52	0.1	0.4	**0.2**	0.02	0.03	*C09*
Other oropharynx	282	0.8	2.7	**2.0**	0.17	0.25	50	0.1	0.4	**0.2**	0.02	0.02	*C10*
Nasopharynx	43	0.1	0.4	**0.3**	0.03	0.03	25	0.1	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	432	1.2	4.2	**3.0**	0.24	0.38	31	0.1	0.2	**0.1**	0.01	0.02	*C12-13*
Pharynx unspecified	72	0.2	0.7	**0.5**	0.05	0.06	9	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	1106	3.1	10.7	**7.6**	0.51	0.94	428	0.9	3.4	**1.2**	0.05	0.11	*C15*
Stomach	4325	12.0	42.0	**29.0**	1.47	3.54	3906	8.2	30.9	**13.0**	0.61	1.46	*C16*
Small intestine	66	0.2	0.6	**0.4**	0.03	0.06	80	0.2	0.6	**0.3**	0.02	0.03	*C17*
Colon	3115	8.7	30.3	**20.6**	0.88	2.55	5229	11.0	41.3	**17.5**	0.83	2.10	*C18*
Rectum	2340	6.5	22.7	**15.6**	0.75	1.99	2656	5.6	21.0	**9.3**	0.49	1.14	*C19-20*
Anus	22	0.1	0.2	**0.1**	0.01	0.02	117	0.2	0.9	**0.5**	0.03	0.06	*C21*
Liver	673	1.9	6.5	**4.6**	0.26	0.54	545	1.2	4.3	**1.8**	0.09	0.18	*C22*
Gallbladder etc.	248	0.7	2.4	**1.7**	0.08	0.22	581	1.2	4.6	**1.8**	0.06	0.20	*C23-24*
Pancreas	1495	4.2	14.5	**10.3**	0.61	1.23	1871	3.9	14.8	**6.1**	0.29	0.69	*C25*
Nose, sinuses etc.	80	0.2	0.8	**0.6**	0.05	0.07	74	0.2	0.6	**0.3**	0.02	0.03	*C30-31*
Larynx	865	2.4	8.4	**6.0**	0.45	0.75	63	0.1	0.5	**0.3**	0.02	0.03	*C32*
Trachea, bronchus and lung	7116	19.8	69.1	**48.1**	2.70	6.21	2139	4.5	16.9	**7.5**	0.43	0.86	*C33-34*
Other thoracic organs	65	0.2	0.6	**0.5**	0.03	0.05	47	0.1	0.4	**0.2**	0.02	0.02	*C37-38*
Bone	112	0.3	1.1	**1.0**	0.06	0.09	122	0.3	1.0	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	685	1.9	6.7	**4.7**	0.29	0.53	1274	2.7	10.1	**5.8**	0.41	0.63	*C43*
Other skin	2211		21.5	**14.7**	0.63	1.67	4145		32.8	**14.1**	0.65	1.71	*C44*
Mesothelioma	66	0.2	0.6	**0.4**	0.03	0.06	88	0.2	0.7	**0.3**	0.02	0.03	*C45*
Kaposi sarcoma	15	0.0	0.1	**0.1**	0.00	0.01	9	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	198	0.6	1.9	**1.5**	0.08	0.15	275	0.6	2.2	**1.4**	0.09	0.14	*C47+C49*
Breast	50	0.1	0.5	**0.3**	0.02	0.04	10687	22.6	84.5	**47.4**	3.57	5.43	*C50*
Vulva							354	0.7	2.8	**1.1**	0.04	0.12	*C51*
Vagina							80	0.2	0.6	**0.3**	0.01	0.03	*C52*
Cervix uteri							1966	4.2	15.5	**10.1**	0.80	1.01	*C53*
Corpus uteri							3359	7.1	26.6	**14.5**	1.10	1.79	*C54*
Uterus unspecified							84	0.2	0.7	**0.3**	0.02	0.03	*C55*
Ovary							2572	5.4	20.3	**11.4**	0.83	1.28	*C56*
Other female genital organs							44	0.1	0.3	**0.2**	0.02	0.03	*C57*
Placenta							7	0.0	0.1	**0.0**	0.00	0.00	*C58*
Penis	73	0.2	0.7	**0.5**	0.03	0.06							*C60*
Prostate	3498	9.7	34.0	**23.1**	0.84	3.02							*C61*
Testis	297	0.8	2.9	**2.3**	0.17	0.19							*C62*
Other male genital organs	10	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	1791	5.0	17.4	**12.6**	0.81	1.49	1618	3.4	12.8	**6.4**	0.39	0.75	*C64*
Renal pelvis	40	0.1	0.4	**0.3**	0.02	0.03	27	0.1	0.2	**0.1**	0.00	0.01	*C65*
Ureter	16	0.0	0.2	**0.1**	0.01	0.01	13	0.0	0.1	**0.0**	0.00	0.00	*C66*
Bladder	1745	4.9	17.0	**11.7**	0.54	1.40	728	1.5	5.8	**2.4**	0.12	0.28	*C67*
Other urinary organs	2	0.0	0.0	**0.0**	0.00	0.00	6	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	70	0.2	0.7	**0.6**	0.04	0.06	96	0.2	0.8	**0.6**	0.03	0.05	*C69*
Brain, nervous system	621	1.7	6.0	**4.9**	0.33	0.52	684	1.4	5.4	**3.5**	0.24	0.37	*C70-72*
Thyroid	203	0.6	2.0	**1.4**	0.10	0.16	1109	2.3	8.8	**5.5**	0.43	0.58	*C73*
Adrenal gland	65	0.2	0.6	**0.5**	0.03	0.05	80	0.2	0.6	**0.4**	0.03	0.04	*C74*
Other endocrine	6	0.0	0.1	**0.1**	0.00	0.00	8	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	283	0.8	2.8	**2.3**	0.16	0.19	359	0.8	2.8	**2.6**	0.18	0.20	*C81*
Non-Hodgkin lymphoma	637	1.8	6.2	**4.8**	0.30	0.53	750	1.6	5.9	**3.3**	0.22	0.37	*C82-85,C96*
Immunoproliferative diseases	9	0.0	0.1	**0.1**	0.00	0.01	11	0.0	0.1	**0.0**	0.00	0.01	*C88*
Multiple myeloma	234	0.7	2.3	**1.6**	0.10	0.20	408	0.9	3.2	**1.5**	0.09	0.19	*C90*
Lymphoid leukaemia	662	1.8	6.4	**5.4**	0.26	0.52	663	1.4	5.2	**3.2**	0.15	0.32	*C91*
Myeloid leukaemia	481	1.3	4.7	**3.4**	0.21	0.40	661	1.4	5.2	**3.0**	0.18	0.32	*C92-94*
Leukaemia unspecified	82	0.2	0.8	**0.6**	0.03	0.06	127	0.3	1.0	**0.5**	0.03	0.05	*C95*
Myeloproliferative disorders	16	0.0	0.2	**0.1**	0.01	0.01	24	0.1	0.2	**0.1**	0.00	0.01	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	577	1.6	5.6	**4.1**	0.24	0.47	725	1.5	5.7	**2.6**	0.14	0.29	*O&U*
All sites	38189		371.1	**261.9**	14.20	31.83	51513		407.2	**206.0**	12.99	23.35	*C00-96*
All sites except C44	35978	100.0	349.6	**247.2**	13.57	30.16	47368	100.0	374.5	**191.9**	12.35	21.64	*C00-96 exc. C44*

Serbia, Central

REGISTRATION AREA

The Central Serbia Cancer Registry covers 18 districts within the Republic of Serbia, which are further divided into 115 municipalities. The registry covers an area of 55 968 km^2, the population of which was 5.5 million at the 2002 census. More than half of the area's residents (56%) live in urban areas.

CANCER CARE FACILITIES

The registry receives information about new cancer cases from oncology institutes, oncology dispensaries, clinics, hospitals, outpatient facilities, pathology laboratories, death certificates, and health insurance records, as well as through targeted searches.

REGISTRY STRUCTURE AND METHODS

The registry has been reorganized, resulting in several changes, including decentralization (the main database for Central Serbia is located within the Institute of Public Health of Serbia), the initiation of active data collection, new sources of information, additional training of medical personnel, additional informatics support, and the implementation of a feedback system. The registry database includes the following data items: personal characteristics, possible occurrence of multiple primary tumours, incidence date, method used for diagnosis, tumour characteristics (primary and secondary anatomical localization, histology type, and stage), and disease outcome. The registry uses CanReg4 software and uses IARC and European Network of Cancer Registries (ENCR) methodology for data collection, entry, storage, processing, and analysis.

INTERPRETING THE RESULTS

Serbia began a gradual introduction of organized screening for cervical, colorectal, and breast cancers in January 2013 (which is after the registration period covered in this volume).

USE OF THE DATA

Unpublished data from the Statistical Office of the Republic of Serbia were used for the analysis of deaths due to malignant tumours in Central Serbia.

CONTRIBUTORS

Dragan Miljus
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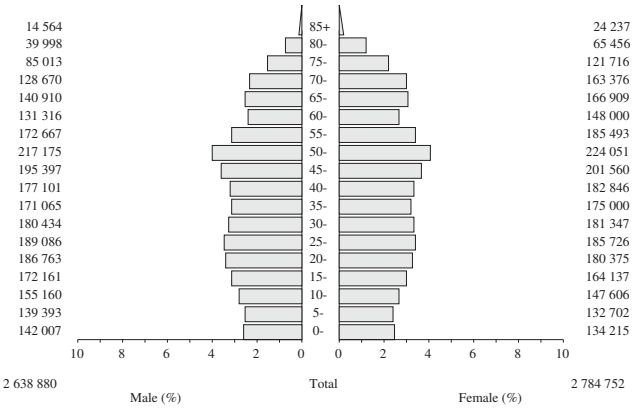
Serbia, Central (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2010 estimates provided by the Statistical Office of the Republic of Serbia, making allowances for births and deaths (but not migration).

NOTES ON THE DATA

*Reported underregistration due to legislative difficulties.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	55.4	Breast	53.9
Non-melanoma skin cancer	29.3	Cervix uteri	23.2
Prostate	21.0	Non-melanoma skin cancer	22.5
Rectum	16.4	Trachea, bronchus and lung	15.3
Bladder	16.2	Corpus uteri	13.4
Colon	15.1	Ovary	10.1
Stomach	12.3	Colon	10.0
Larynx	11.7	Rectum	9.1
Brain, nervous system	10.5	Brain, nervous system	7.9
Other and unspecified	8.2	Other and unspecified	6.5
All sites	264.8	All sites	228.9

*Serbia, Central (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	446	0.8	3.4	**1.9**	0.10	0.22	195	0.4	1.4	**0.7**	0.03	0.08	*C00*
Tongue	301	0.6	2.3	**1.4**	0.12	0.17	83	0.2	0.6	**0.4**	0.03	0.04	*C01-02*
Mouth	316	0.6	2.4	**1.5**	0.11	0.18	156	0.3	1.1	**0.7**	0.05	0.07	*C03-06*
Salivary glands	185	0.3	1.4	**0.8**	0.05	0.10	116	0.2	0.8	**0.5**	0.04	0.05	*C07-08*
Tonsil	130	0.2	1.0	**0.6**	0.05	0.07	47	0.1	0.3	**0.2**	0.02	0.02	*C09*
Other oropharynx	78	0.1	0.6	**0.4**	0.03	0.04	32	0.1	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	133	0.2	1.0	**0.7**	0.06	0.07	63	0.1	0.5	**0.3**	0.02	0.03	*C11*
Hypopharynx	337	0.6	2.6	**1.6**	0.13	0.20	74	0.1	0.5	**0.3**	0.03	0.04	*C12-13*
Pharynx unspecified	59	0.1	0.4	**0.3**	0.02	0.03	17	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	700	1.3	5.3	**3.1**	0.22	0.39	197	0.4	1.4	**0.7**	0.05	0.09	*C15*
Stomach	2957	5.5	22.4	**12.3**	0.70	1.57	1774	3.6	12.7	**6.2**	0.36	0.75	*C16*
Small intestine	139	0.3	1.1	**0.6**	0.03	0.07	146	0.3	1.0	**0.5**	0.03	0.07	*C17*
Colon	3627	6.8	27.5	**15.1**	0.87	1.94	2845	5.7	20.4	**10.0**	0.61	1.23	*C18*
Rectum	3916	7.3	29.7	**16.4**	0.98	2.07	2553	5.2	18.3	**9.1**	0.56	1.09	*C19-20*
Anus	90	0.2	0.7	**0.4**	0.02	0.05	86	0.2	0.6	**0.3**	0.02	0.04	*C21*
Liver	1265	2.4	9.6	**5.3**	0.30	0.66	881	1.8	6.3	**3.0**	0.16	0.35	*C22*
Gallbladder etc.	321	0.6	2.4	**1.3**	0.08	0.17	603	1.2	4.3	**2.0**	0.11	0.25	*C23-24*
Pancreas	1493	2.8	11.3	**6.3**	0.39	0.79	1176	2.4	8.4	**3.9**	0.22	0.49	*C25*
Nose, sinuses etc.	171	0.3	1.3	**0.8**	0.05	0.09	84	0.2	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	2556	4.8	19.4	**11.7**	0.89	1.45	326	0.7	2.3	**1.4**	0.11	0.16	*C32*
Trachea, bronchus and lung	12632	23.7	95.7	**55.4**	3.87	7.08	3965	8.0	28.5	**15.3**	1.11	1.88	*C33-34*
Other thoracic organs	174	0.3	1.3	**0.9**	0.06	0.10	101	0.2	0.7	**0.4**	0.03	0.04	*C37-38*
Bone	362	0.7	2.7	**2.2**	0.15	0.21	300	0.6	2.2	**1.7**	0.11	0.14	*C40-41*
Melanoma of skin	845	1.6	6.4	**4.0**	0.29	0.44	848	1.7	6.1	**3.8**	0.30	0.40	*C43*
Other skin	7122		54.0	**29.3**	1.51	3.49	6568		47.2	**22.5**	1.27	2.66	*C44*
Mesothelioma	36	0.1	0.3	**0.2**	0.01	0.02	16	0.0	0.1	**0.1**	0.01	0.01	*C45*
Kaposi sarcoma	6	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	376	0.7	2.8	**2.0**	0.13	0.21	329	0.7	2.4	**1.6**	0.11	0.15	*C47+C49*
Breast	288	0.5	2.2	**1.3**	0.09	0.16	12585	25.4	90.4	**53.9**	4.19	6.11	*C50*
Vulva							459	0.9	3.3	**1.6**	0.09	0.20	*C51*
Vagina							112	0.2	0.8	**0.4**	0.03	0.05	*C52*
Cervix uteri							4712	9.5	33.8	**23.2**	1.93	2.38	*C53*
Corpus uteri							3289	6.6	23.6	**13.4**	1.04	1.64	*C54*
Uterus unspecified							187	0.4	1.3	**0.7**	0.05	0.08	*C55*
Ovary							2280	4.6	16.4	**10.1**	0.76	1.14	*C56*
Other female genital organs							135	0.3	1.0	**0.6**	0.04	0.06	*C57*
Placenta							4	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	175	0.3	1.3	**0.8**	0.05	0.09							*C60*
Prostate	5792	10.9	43.9	**21.0**	0.68	2.66							*C61*
Testis	762	1.4	5.8	**5.4**	0.39	0.41							*C62*
Other male genital organs	22	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	1314	2.5	10.0	**6.1**	0.44	0.73	861	1.7	6.2	**3.4**	0.22	0.40	*C64*
Renal pelvis	142	0.3	1.1	**0.6**	0.04	0.07	113	0.2	0.8	**0.4**	0.02	0.05	*C65*
Ureter	106	0.2	0.8	**0.4**	0.02	0.05	83	0.2	0.6	**0.2**	0.01	0.03	*C66*
Bladder	3997	7.5	30.3	**16.2**	0.88	2.02	1342	2.7	9.6	**4.7**	0.28	0.56	*C67*
Other urinary organs	14	0.0	0.1	**0.1**	0.00	0.01	17	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	183	0.3	1.4	**1.0**	0.06	0.10	148	0.3	1.1	**0.8**	0.05	0.07	*C69*
Brain, nervous system	1927	3.6	14.6	**10.5**	0.76	1.12	1544	3.1	11.1	**7.9**	0.57	0.80	*C70-72*
Thyroid	208	0.4	1.6	**1.0**	0.08	0.12	635	1.3	4.6	**3.3**	0.25	0.32	*C73*
Adrenal gland	64	0.1	0.5	**0.4**	0.03	0.04	57	0.1	0.4	**0.3**	0.03	0.03	*C74*
Other endocrine	41	0.1	0.3	**0.2**	0.01	0.02	49	0.1	0.4	**0.3**	0.02	0.03	*C75*
Hodgkin lymphoma	410	0.8	3.1	**2.5**	0.19	0.22	365	0.7	2.6	**2.3**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	996	1.9	7.5	**5.1**	0.33	0.56	767	1.5	5.5	**3.4**	0.23	0.37	*C82-85,C96*
Immunoproliferative diseases	9	0.0	0.1	**0.0**	0.00	0.01	7	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	264	0.5	2.0	**1.2**	0.08	0.15	245	0.5	1.8	**0.9**	0.07	0.12	*C90*
Lymphoid leukaemia	590	1.1	4.5	**3.2**	0.17	0.32	412	0.8	3.0	**2.2**	0.12	0.20	*C91*
Myeloid leukaemia	452	0.8	3.4	**2.3**	0.15	0.24	320	0.6	2.3	**1.5**	0.10	0.15	*C92-94*
Leukaemia unspecified	105	0.2	0.8	**0.6**	0.03	0.05	80	0.2	0.6	**0.4**	0.03	0.04	*C95*
Myeloproliferative disorders	4	0.0	0.0	**0.0**	0.00	0.00	11	0.0	0.1	**0.0**	0.00	0.01	*MPD*
Myelodysplastic syndromes	11	0.0	0.1	**0.0**	0.00	0.00	11	0.0	0.1	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1781	3.3	13.5	**8.2**	0.51	0.95	1689	3.4	12.1	**6.5**	0.39	0.72	*O&U*
All sites	60430		458.0	**264.8**	16.24	32.01	56102		402.9	**228.9**	16.11	25.97	*C00-96*
All sites except C44	53308	100.0	404.0	**235.6**	14.73	28.52	49534	100.0	355.8	**206.4**	14.84	23.31	*C00-96 exc. C44*

*See note following population pyramid

Slovakia

REGISTRATION AREA

The Slovakia National Cancer Registry covers the Slovak Republic, which has a total area of 49 035 km^2 and is divided into eight counties and 78 districts. In 2005, the population was 5.4 million (2.6 million males and 2.8 million females).

CANCER CARE FACILITIES

Basic cancer care is provided by outpatient oncology clinics, which are also responsible for active patient follow-up. There are 95 hospitals. Most patients are treated in county hospitals, including seven university hospitals with oncology and radiology departments. Highly specialized cancer care is provided at the Slovak National Cancer Institute, the St. Elisabeth Cancer Institute, and the East Slovakia Cancer Institute. Treatment is free of charge. The Slovak League Against Cancer provides health education.

REGISTRY STRUCTURE AND METHODS

Notification of cancer cases and deaths has been mandatory since 1952. The registry was established in 1976, and data are available on new cases since 1968. Data are actively collected from notifications and death certificates, and from autopsy, histology, cytology, and hospital discharge reports. Each newly reported case is checked against the registry database, and the database is annually reconciled with the Slovak Ministry of Health's database of all hospitalized persons. Missing information is requested from providers. The registry originally used the ICD-O-1, ICD-9, and TNM classification systems, then upgraded to ICD-O-2 and ICD-10 in 1994 and to ICD-O-3 in 2007. The registry is staffed by two full-time physicians specializing in epidemiology, five part-time physicians specializing in oncology and pathology, a statistician, and six registrars.

INTERPRETING THE RESULTS

There are no organized population-based screening programmes in Slovakia.

USE OF THE DATA

Incidence data for the whole country and by administrative region have been published annually since 1968. Policy-makers use registry data for priority planning and orientation of primary and secondary prevention initiatives. The registry is actively engaged in graduate and postgraduate medical education and in epidemiological studies, including several international projects.

CONTRIBUTORS

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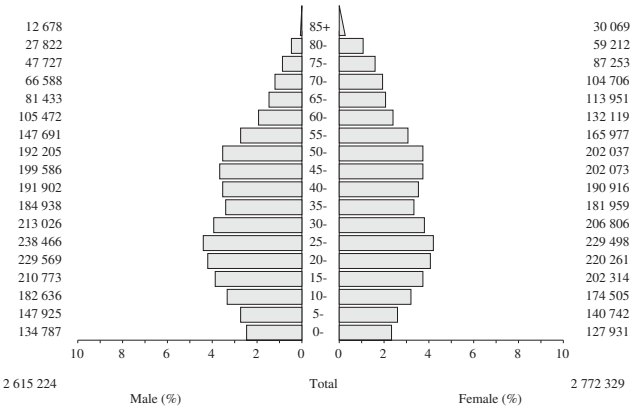
Slovakia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual estimates provided by the Statistical Office of the Slovak Republic, based on data from the Central Population Register.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	56.2	Breast	51.7
Non-melanoma skin cancer	48.6	Non-melanoma skin cancer	38.4
Prostate	38.7	Corpus uteri	19.0
Colon	29.9	Colon	16.7
Rectum	26.5	Cervix uteri	15.8
Stomach	16.8	Ovary	11.5
Bladder	16.3	Rectum	11.1
Kidney	15.1	Trachea, bronchus and lung	10.5
Pancreas	11.2	Melanoma of skin	7.6
Larynx	8.5	Kidney	7.5
All sites	378.7	All sites	261.1

Slovakia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	279	0.5	2.1	**1.6**	0.07	0.18	100	0.2	0.7	**0.3**	0.01	0.03	*C00*
Tongue	793	1.4	6.1	**4.8**	0.41	0.57	108	0.2	0.8	**0.5**	0.04	0.05	*C01-02*
Mouth	810	1.5	6.2	**4.8**	0.42	0.56	159	0.3	1.1	**0.8**	0.06	0.08	*C03-06*
Salivary glands	156	0.3	1.2	**0.9**	0.06	0.11	115	0.2	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	585	1.1	4.5	**3.5**	0.29	0.40	69	0.1	0.5	**0.3**	0.03	0.04	*C09*
Other oropharynx	409	0.7	3.1	**2.5**	0.21	0.29	32	0.1	0.2	**0.2**	0.01	0.02	*C10*
Nasopharynx	120	0.2	0.9	**0.7**	0.06	0.09	33	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	814	1.5	6.2	**4.9**	0.42	0.59	41	0.1	0.3	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	59	0.1	0.5	**0.4**	0.03	0.04	3	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	1254	2.3	9.6	**7.6**	0.57	0.94	151	0.3	1.1	**0.7**	0.04	0.08	*C15*
Stomach	2880	5.2	22.0	**16.8**	0.78	1.95	1918	3.9	13.8	**7.4**	0.35	0.81	*C16*
Small intestine	182	0.3	1.4	**1.1**	0.06	0.14	159	0.3	1.1	**0.7**	0.04	0.08	*C17*
Colon	5103	9.3	39.0	**29.9**	1.36	3.70	4205	8.5	30.3	**16.7**	0.84	2.01	*C18*
Rectum	4455	8.1	34.1	**26.5**	1.38	3.37	2695	5.5	19.4	**11.1**	0.60	1.33	*C19-20*
Anus	63	0.1	0.5	**0.4**	0.02	0.05	104	0.2	0.8	**0.4**	0.02	0.04	*C21*
Liver	1052	1.9	8.0	**6.4**	0.33	0.81	619	1.3	4.5	**2.4**	0.11	0.27	*C22*
Gallbladder etc.	630	1.1	4.8	**3.6**	0.14	0.43	1348	2.7	9.7	**5.0**	0.19	0.59	*C23-24*
Pancreas	1896	3.4	14.5	**11.2**	0.62	1.37	1664	3.4	12.0	**6.4**	0.29	0.74	*C25*
Nose, sinuses etc.	88	0.2	0.7	**0.6**	0.04	0.06	67	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	1412	2.6	10.8	**8.5**	0.62	1.07	91	0.2	0.7	**0.4**	0.03	0.05	*C32*
Trachea, bronchus and lung	9453	17.1	72.3	**56.2**	3.06	7.26	2465	5.0	17.8	**10.5**	0.64	1.23	*C33-34*
Other thoracic organs	132	0.2	1.0	**0.8**	0.04	0.08	71	0.1	0.5	**0.3**	0.02	0.04	*C37-38*
Bone	171	0.3	1.3	**1.2**	0.08	0.10	125	0.3	0.9	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	1382	2.5	10.6	**8.3**	0.52	0.95	1557	3.2	11.2	**7.6**	0.55	0.83	*C43*
Other skin	8319		63.6	**48.6**	2.22	5.70	9368		67.6	**38.4**	2.07	4.40	*C44*
Mesothelioma	74	0.1	0.6	**0.4**	0.03	0.05	41	0.1	0.3	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	13	0.0	0.1	**0.1**	0.00	0.01	10	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	336	0.6	2.6	**2.2**	0.14	0.23	328	0.7	2.4	**1.7**	0.10	0.17	*C47+C49*
Breast	112	0.2	0.9	**0.7**	0.03	0.08	10887	22.1	78.5	**51.7**	3.74	5.89	*C50*
Vulva							350	0.7	2.5	**1.3**	0.05	0.14	*C51*
Vagina							94	0.2	0.7	**0.4**	0.03	0.05	*C52*
Cervix uteri							2927	5.9	21.1	**15.8**	1.30	1.58	*C53*
Corpus uteri							4111	8.3	29.7	**19.0**	1.33	2.41	*C54*
Uterus unspecified							31	0.1	0.2	**0.1**	0.00	0.01	*C55*
Ovary							2397	4.9	17.3	**11.5**	0.83	1.29	*C56*
Other female genital organs							95	0.2	0.7	**0.4**	0.02	0.04	*C57*
Placenta							9	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	147	0.3	1.1	**0.9**	0.04	0.10							*C60*
Prostate	6660	12.1	50.9	**38.7**	1.20	4.79							*C61*
Testis	1161	2.1	8.9	**7.5**	0.56	0.57							*C62*
Other male genital organs	16	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	2494	4.5	19.1	**15.1**	0.95	1.87	1607	3.3	11.6	**7.5**	0.47	0.90	*C64*
Renal pelvis	100	0.2	0.8	**0.6**	0.04	0.08	119	0.2	0.9	**0.5**	0.02	0.07	*C65*
Ureter	43	0.1	0.3	**0.2**	0.01	0.03	35	0.1	0.3	**0.2**	0.01	0.02	*C66*
Bladder	2810	5.1	21.5	**16.3**	0.69	1.95	912	1.9	6.6	**3.7**	0.20	0.44	*C67*
Other urinary organs	13	0.0	0.1	**0.1**	0.00	0.01	13	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	139	0.3	1.1	**0.9**	0.06	0.10	151	0.3	1.1	**0.8**	0.04	0.07	*C69*
Brain, nervous system	1021	1.9	7.8	**6.7**	0.43	0.72	908	1.8	6.6	**4.7**	0.30	0.50	*C70-72*
Thyroid	254	0.5	1.9	**1.6**	0.12	0.17	954	1.9	6.9	**5.1**	0.38	0.53	*C73*
Adrenal gland	45	0.1	0.3	**0.3**	0.02	0.03	40	0.1	0.3	**0.2**	0.01	0.02	*C74*
Other endocrine	12	0.0	0.1	**0.1**	0.01	0.01	12	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	301	0.5	2.3	**2.1**	0.14	0.18	323	0.7	2.3	**2.1**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	1104	2.0	8.4	**6.9**	0.42	0.78	1182	2.4	8.5	**5.6**	0.36	0.62	*C82-85,C96*
Immunoproliferative diseases	15	0.0	0.1	**0.1**	0.00	0.01	17	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	547	1.0	4.2	**3.2**	0.15	0.39	649	1.3	4.7	**2.7**	0.13	0.33	*C90*
Lymphoid leukaemia	968	1.8	7.4	**6.6**	0.32	0.68	689	1.4	5.0	**3.5**	0.17	0.34	*C91*
Myeloid leukaemia	526	1.0	4.0	**3.4**	0.19	0.34	486	1.0	3.5	**2.4**	0.15	0.25	*C92-94*
Leukaemia unspecified	45	0.1	0.3	**0.2**	0.01	0.02	52	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	278	0.5	2.1	**1.7**	0.09	0.19	277	0.6	2.0	**1.2**	0.06	0.13	*MPD*
Myelodysplastic syndromes	287	0.5	2.2	**1.6**	0.05	0.17	301	0.6	2.2	**1.0**	0.03	0.11	*MDS*
Other and unspecified	1434	2.6	11.0	**8.5**	0.47	0.98	1339	2.7	9.7	**5.3**	0.23	0.55	*O&U*
All sites	63452		485.3	**378.7**	19.98	45.35	58613		422.8	**261.1**	16.23	29.58	*C00-96*
All sites except C44	55133	100.0	421.6	**330.1**	17.76	39.65	49245	100.0	355.3	**222.8**	14.16	25.18	*C00-96 exc. C44*

Slovenia

REGISTRATION AREA

The Cancer Registry of the Republic of Slovenia (CRS) covers Slovenia, which had a population of 2 million in 2005 (83.1% Slovenian). Residents of other nationalities are mainly from neighbouring countries. The prevailing religion is Roman Catholicism, and 15.5% of residents are aged 65 years or more.

CANCER CARE FACILITIES

Cancer treatment is completely covered by mandatory public health insurance. Primary care is provided by health care centres and general practitioners within the public network. Secondary care is provided by 11 general hospitals and two tertiary clinical centres, in Ljubljana and Maribor. Common cancers are typically treated in general hospitals, and rare cancers are referred to the Institute of Oncology Ljubljana, which is the only national comprehensive cancer centre and the only facility that administers radiotherapy. It is also involved in research and education. In 2010, the National Cancer Control Programme of Slovenia was initiated, with the goal of improving all aspects of cancer prevention and care in Slovenia.

REGISTRY STRUCTURE AND METHODS

The CRS was founded in 1950 at the Institute of Oncology Ljubljana. Notification of cancer is mandated by law. The registry's main data sources are notifications from all hospitals and diagnostic centres. Death certificates and autopsy reports are additional sources. Trained registrars code the data under the supervision of a physician. Cases are identified by personal identification number, which also enables accurate follow-up of vital status via daily online linkage to the Slovenian Central Population Register.

INTERPRETING THE RESULTS

There have been no major changes in the registry's data processing procedures in recent years. A nationwide organized cervical cancer screening programme was initiated in 2003 and is already contributing to decreasing cervical cancer incidence rates. The effects of the breast and colorectal cancer screening programmes introduced in 2008 are not yet detectable. Prostate-specific antigen (PSA) testing is common, which is contributing to the high rates of prostate cancer.

USE OF THE DATA

Since 2010, the registry has published annual reports and data analyses on the SLORA online portal (http://www.slora.si/), which can be accessed by the general public. CRS data are also used for planning and evaluation of the National Cancer Control Programme and in national and international research.

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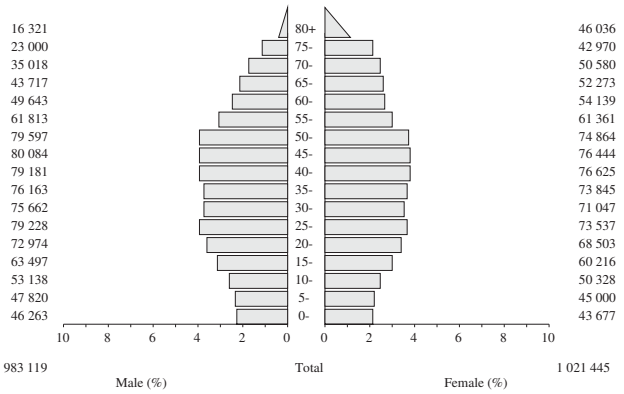
Slovenia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual estimates provided by the Statistical Office of the Republic of Slovenia (http://pxweb.stat.si/pxweb/dialog/statfile1.asp), based on data from the Central Population Register.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	57.5	Breast	63.6
Prostate	54.8	Non-melanoma skin cancer	39.0
Non-melanoma skin cancer	50.2	Corpus uteri	15.7
Colon	24.4	Trachea, bronchus and lung	15.2
Rectum	21.4	Colon	14.4
Stomach	18.3	Cervix uteri	12.7
Bladder	18.1	Melanoma of skin	12.4
Melanoma of skin	12.2	Rectum	10.7
Kidney	11.0	Ovary	10.4
Other and unspecified	9.0	Thyroid	7.8
All sites	377.0	All sites	274.4

Slovenia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	97	0.4	2.0	**1.2**	0.05	0.13	51	0.2	1.0	**0.4**	0.01	0.03	*C00*
Tongue	178	0.7	3.6	**2.4**	0.18	0.29	38	0.2	0.7	**0.4**	0.03	0.05	*C01-02*
Mouth	299	1.2	6.1	**4.0**	0.31	0.49	99	0.4	1.9	**1.2**	0.09	0.13	*C03-06*
Salivary glands	37	0.1	0.8	**0.5**	0.03	0.05	34	0.2	0.7	**0.4**	0.02	0.04	*C07-08*
Tonsil	146	0.6	3.0	**1.9**	0.15	0.23	34	0.2	0.7	**0.4**	0.04	0.05	*C09*
Other oropharynx	196	0.8	4.0	**2.7**	0.23	0.31	25	0.1	0.5	**0.3**	0.03	0.04	*C10*
Nasopharynx	29	0.1	0.6	**0.4**	0.04	0.04	15	0.1	0.3	**0.1**	0.01	0.02	*C11*
Hypopharynx	249	1.0	5.1	**3.3**	0.26	0.41	20	0.1	0.4	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	2	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	378	1.5	7.7	**4.9**	0.31	0.60	80	0.4	1.6	**0.7**	0.04	0.08	*C15*
Stomach	1457	5.8	29.6	**18.3**	0.80	2.11	905	4.1	17.7	**7.6**	0.36	0.85	*C16*
Small intestine	69	0.3	1.4	**0.9**	0.06	0.11	46	0.2	0.9	**0.4**	0.02	0.05	*C17*
Colon	1950	7.8	39.7	**24.4**	1.05	3.01	1636	7.4	32.0	**14.4**	0.75	1.71	*C18*
Rectum	1695	6.8	34.5	**21.4**	1.04	2.66	1185	5.3	23.2	**10.7**	0.59	1.29	*C19-20*
Anus	45	0.2	0.9	**0.6**	0.04	0.06	56	0.3	1.1	**0.5**	0.03	0.07	*C21*
Liver	526	2.1	10.7	**6.8**	0.35	0.87	234	1.1	4.6	**2.1**	0.09	0.22	*C22*
Gallbladder etc.	277	1.1	5.6	**3.4**	0.11	0.41	446	2.0	8.7	**3.3**	0.13	0.35	*C23-24*
Pancreas	686	2.7	14.0	**8.8**	0.46	1.07	715	3.2	14.0	**5.9**	0.27	0.69	*C25*
Nose, sinuses etc.	59	0.2	1.2	**0.8**	0.06	0.09	38	0.2	0.7	**0.4**	0.02	0.05	*C30-31*
Larynx	480	1.9	9.8	**6.3**	0.43	0.80	53	0.2	1.0	**0.6**	0.06	0.07	*C32*
Trachea, bronchus and lung	4507	18.0	91.7	**57.5**	3.25	7.36	1527	6.9	29.9	**15.2**	0.98	1.81	*C33-34*
Other thoracic organs	34	0.1	0.7	**0.5**	0.03	0.05	17	0.1	0.3	**0.3**	0.01	0.02	*C37-38*
Bone	53	0.2	1.1	**0.8**	0.06	0.08	49	0.2	1.0	**0.9**	0.06	0.07	*C40-41*
Melanoma of skin	896	3.6	18.2	**12.2**	0.82	1.39	996	4.5	19.5	**12.4**	0.89	1.24	*C43*
Other skin	4016		81.7	**50.2**	2.26	5.72	4444		87.0	**39.0**	2.03	4.32	*C44*
Mesothelioma	109	0.4	2.2	**1.4**	0.10	0.18	40	0.2	0.8	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	6	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	120	0.5	2.4	**1.8**	0.12	0.16	119	0.5	2.3	**1.5**	0.10	0.14	*C47+C49*
Breast	40	0.2	0.8	**0.5**	0.03	0.06	5579	25.1	109.2	**63.6**	4.74	7.26	*C50*
Vulva							247	1.1	4.8	**2.1**	0.11	0.23	*C51*
Vagina							46	0.2	0.9	**0.4**	0.02	0.05	*C52*
Cervix uteri							904	4.1	17.7	**12.7**	1.03	1.19	*C53*
Corpus uteri							1475	6.6	28.9	**15.7**	1.12	1.94	*C54*
Uterus unspecified							51	0.2	1.0	**0.5**	0.03	0.06	*C55*
Ovary							900	4.0	17.6	**10.4**	0.78	1.20	*C56*
Other female genital organs							53	0.2	1.0	**0.6**	0.05	0.07	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	52	0.2	1.1	**0.7**	0.04	0.07							*C60*
Prostate	4394	17.6	89.4	**54.8**	2.13	7.14							*C61*
Testis	487	1.9	9.9	**8.6**	0.63	0.64							*C62*
Other male genital organs	11	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	821	3.3	16.7	**11.0**	0.70	1.31	460	2.1	9.0	**4.8**	0.28	0.57	*C64*
Renal pelvis	62	0.2	1.3	**0.8**	0.03	0.10	45	0.2	0.9	**0.4**	0.02	0.06	*C65*
Ureter	23	0.1	0.5	**0.3**	0.02	0.04	15	0.1	0.3	**0.1**	0.00	0.01	*C66*
Bladder	1457	5.8	29.6	**18.1**	0.81	2.22	484	2.2	9.5	**4.3**	0.22	0.52	*C67*
Other urinary organs	4	0.0	0.1	**0.0**	0.00	0.00	2	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	55	0.2	1.1	**0.9**	0.05	0.10	51	0.2	1.0	**0.7**	0.04	0.06	*C69*
Brain, nervous system	377	1.5	7.7	**6.0**	0.40	0.60	318	1.4	6.2	**4.1**	0.26	0.43	*C70-72*
Thyroid	141	0.6	2.9	**2.1**	0.17	0.21	529	2.4	10.4	**7.8**	0.61	0.73	*C73*
Adrenal gland	13	0.1	0.3	**0.3**	0.01	0.02	16	0.1	0.3	**0.2**	0.01	0.02	*C74*
Other endocrine	1	0.0	0.0	**0.0**	0.00	0.00	5	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	143	0.6	2.9	**2.7**	0.17	0.21	95	0.4	1.9	**1.7**	0.11	0.13	*C81*
Non-Hodgkin lymphoma	558	2.2	11.4	**7.8**	0.43	0.79	673	3.0	13.2	**6.9**	0.42	0.77	*C82-85,C96*
Immunoproliferative diseases	3	0.0	0.1	**0.0**	0.00	0.00	3	0.0	0.1	**0.0**	0.00	0.01	*C88*
Multiple myeloma	263	1.1	5.4	**3.4**	0.16	0.42	269	1.2	5.3	**2.4**	0.12	0.30	*C90*
Lymphoid leukaemia	312	1.2	6.3	**4.8**	0.24	0.48	229	1.0	4.5	**2.8**	0.14	0.24	*C91*
Myeloid leukaemia	239	1.0	4.9	**3.5**	0.18	0.35	196	0.9	3.8	**2.4**	0.13	0.21	*C92-94*
Leukaemia unspecified	8	0.0	0.2	**0.1**	0.00	0.01	19	0.1	0.4	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	128	0.5	2.6	**1.6**	0.07	0.19	151	0.7	3.0	**1.7**	0.11	0.18	*MPD*
Myelodysplastic syndromes	153	0.6	3.1	**1.8**	0.05	0.19	152	0.7	3.0	**1.1**	0.04	0.11	*MDS*
Other and unspecified	710	2.8	14.4	**9.0**	0.45	1.01	813	3.7	15.9	**6.7**	0.30	0.75	*O&U*
All sites	29051		591.0	**377.0**	19.41	44.87	26684		522.5	**274.4**	17.39	30.57	*C00-96*
All sites except C44	25035	100.0	509.3	**326.7**	17.16	39.15	22240	100.0	435.5	**235.4**	15.36	26.25	*C00-96 exc. C44*

Spain, Albacete

REGISTRATION AREA

The Albacete Cancer Registry covers the province of Albacete in the south-east of Castilla-La Mancha, an autonomous community in central Spain. The province has a population density of 25.6 residents/km^2, with 38% of the population living in towns with fewer than 15 000 residents and 62% living in urban areas. About 7% of working residents work in agriculture, 18% in industry, 12% in construction, and 63% in the service sector.

CANCER CARE FACILITIES

Health care is provided by the Regional Health Care Services of Castilla-La Mancha (SESCAM), 34 public primary care centres, three public hospitals (with 901 beds), and three private hospitals (with 128 beds). Few resident cases are diagnosed or treated outside the province.

REGISTRY STRUCTURE AND METHODS

The registry was created by the regional health department in 1990 and is part of the regional epidemiology service. Data collection is active, based on lists provided by information sources and through consultation of relevant records. Some cases are voluntarily reported by primary care physicians. An automated system checks for duplicate registrations. Cases are coded according to ICD-O topography and morphology. The registry uses the IARC/IACR rules for multiple primary tumours and uses the IARC-CHECK program to detect errors and discrepancies in the data.

INTERPRETING THE RESULTS

There is an organized screening programme for breast cancer (among women aged 50–69 years) and an opportunistic screening programme for cervical cancer (among women of reproductive age). Prostate-specific antigen (PSA) testing is commonly conducted in men aged more than 50 years.

USE OF THE DATA

The registry publishes an annual report on cancer incidence by location, sex, and age. The registry also participates in analytical epidemiological research.

CONTRIBUTORS

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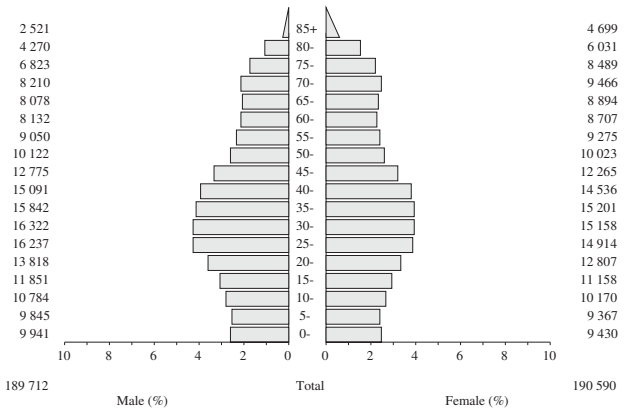
Spain, Albacete (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual population estimates provided by the Spanish National Statistics Institute (INE; http://www.ine.es/inebmenu/mnu_cifraspob.htm), based on the 2001 census, with postcensal adjustments for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	64.2	Breast	57.6
Trachea, bronchus and lung	45.5	Colon	11.7
Bladder	28.9	Corpus uteri	10.5
Colon	20.6	Ovary	8.3
Rectum	13.1	Cervix uteri	5.9
Stomach	12.5	Rectum	5.8
Larynx	8.9	Melanoma of skin	5.7
Kidney	7.8	Thyroid	5.5
Other and unspecified	7.7	Trachea, bronchus and lung	5.2
Non-Hodgkin lymphoma	7.2	Non-Hodgkin lymphoma	5.1
All sites	305.0	All sites	174.7

Spain, Albacete (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	120	2.3	12.7	**6.7**	0.33	0.80	14	0.5	1.5	**0.5**	0.01	0.08	*C00*
Tongue	40	0.8	4.2	**3.0**	0.22	0.30	14	0.5	1.5	**0.7**	0.03	0.08	*C01-02*
Mouth	43	0.8	4.5	**3.3**	0.26	0.41	10	0.3	1.0	**0.6**	0.05	0.06	*C03-06*
Salivary glands	18	0.3	1.9	**1.1**	0.05	0.11	10	0.3	1.0	**0.6**	0.04	0.06	*C07-08*
Tonsil	9	0.2	0.9	**0.7**	0.06	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	6	0.1	0.6	**0.5**	0.04	0.06	2	0.1	0.2	**0.0**	0.00	0.00	*C10*
Nasopharynx	16	0.3	1.7	**1.3**	0.09	0.13	3	0.1	0.3	**0.1**	0.00	0.00	*C11*
Hypopharynx	23	0.4	2.4	**1.8**	0.17	0.24	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	5	0.1	0.5	**0.4**	0.04	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	60	1.2	6.3	**4.1**	0.26	0.49	6	0.2	0.6	**0.2**	0.00	0.01	*C15*
Stomach	227	4.4	23.9	**12.5**	0.66	1.37	109	3.6	11.4	**4.6**	0.22	0.49	*C16*
Small intestine	14	0.3	1.5	**0.8**	0.04	0.12	8	0.3	0.8	**0.5**	0.04	0.06	*C17*
Colon	380	7.4	40.1	**20.6**	0.98	2.38	273	8.9	28.6	**11.7**	0.54	1.27	*C18*
Rectum	235	4.5	24.8	**13.1**	0.64	1.58	130	4.3	13.6	**5.8**	0.32	0.63	*C19-20*
Anus	5	0.1	0.5	**0.4**	0.03	0.04	1	0.0	0.1	**0.0**	0.00	0.00	*C21*
Liver	124	2.4	13.1	**6.5**	0.29	0.73	63	2.1	6.6	**2.7**	0.13	0.32	*C22*
Gallbladder etc.	25	0.5	2.6	**1.4**	0.06	0.17	63	2.1	6.6	**2.1**	0.06	0.22	*C23-24*
Pancreas	111	2.1	11.7	**6.5**	0.38	0.75	108	3.5	11.3	**4.7**	0.22	0.50	*C25*
Nose, sinuses etc.	8	0.2	0.8	**0.7**	0.04	0.07	1	0.0	0.1	**0.1**	0.01	0.01	*C30-31*
Larynx	130	2.5	13.7	**8.9**	0.61	1.10	6	0.2	0.6	**0.4**	0.03	0.05	*C32*
Trachea, bronchus and lung	759	14.7	80.0	**45.5**	2.52	5.60	95	3.1	10.0	**5.2**	0.32	0.60	*C33-34*
Other thoracic organs	6	0.1	0.6	**0.4**	0.04	0.04	3	0.1	0.3	**0.2**	0.01	0.01	*C37-38*
Bone	14	0.3	1.5	**1.7**	0.11	0.12	10	0.3	1.0	**1.1**	0.07	0.08	*C40-41*
Melanoma of skin	101	2.0	10.6	**6.6**	0.39	0.63	78	2.6	8.2	**5.7**	0.42	0.55	*C43*
Other skin	14		1.5	**0.8**	0.04	0.10	14		1.5	**0.7**	0.03	0.05	*C44*
Mesothelioma	3	0.1	0.3	**0.2**	0.01	0.02	1	0.0	0.1	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	11	0.2	1.2	**0.6**	0.03	0.05	6	0.2	0.6	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	29	0.6	3.1	**2.2**	0.17	0.21	20	0.7	2.1	**1.5**	0.09	0.11	*C47+C49*
Breast	11	0.2	1.2	**0.6**	0.03	0.05	846	27.7	88.8	**57.6**	4.44	6.27	*C50*
Vulva							29	1.0	3.0	**1.0**	0.03	0.08	*C51*
Vagina							3	0.1	0.3	**0.2**	0.01	0.03	*C52*
Cervix uteri							83	2.7	8.7	**5.9**	0.45	0.64	*C53*
Corpus uteri							187	6.1	19.6	**10.5**	0.65	1.34	*C54*
Uterus unspecified							19	0.6	2.0	**0.9**	0.06	0.08	*C55*
Ovary							131	4.3	13.7	**8.3**	0.53	1.01	*C56*
Other female genital organs							6	0.2	0.6	**0.2**	0.01	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	20	0.4	2.1	**1.1**	0.04	0.14							*C60*
Prostate	1211	23.4	127.7	**64.2**	2.22	8.67							*C61*
Testis	61	1.2	6.4	**5.6**	0.40	0.41							*C62*
Other male genital organs	2	0.0	0.2	**0.2**	0.01	0.01							*C63*
Kidney	123	2.4	13.0	**7.8**	0.48	0.81	43	1.4	4.5	**2.5**	0.16	0.26	*C64*
Renal pelvis	4	0.1	0.4	**0.2**	0.01	0.02	1	0.0	0.1	**0.0**	0.00	0.00	*C65*
Ureter	4	0.1	0.4	**0.2**	0.01	0.04	1	0.0	0.1	**0.0**	0.00	0.00	*C66*
†Bladder	517	10.0	54.5	**28.9**	1.34	3.56	87	2.9	9.1	**3.8**	0.20	0.43	*C67*
Other urinary organs	8	0.2	0.8	**0.5**	0.03	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	9	0.2	0.9	**0.3**	0.01	0.02	4	0.1	0.4	**0.5**	0.04	0.04	*C69*
Brain, nervous system	89	1.7	9.4	**6.5**	0.43	0.71	64	2.1	6.7	**4.4**	0.22	0.46	*C70-72*
Thyroid	17	0.3	1.8	**1.3**	0.09	0.14	68	2.2	7.1	**5.5**	0.47	0.53	*C73*
Adrenal gland	7	0.1	0.7	**0.6**	0.04	0.06	2	0.1	0.2	**0.4**	0.02	0.02	*C74*
Other endocrine	1	0.0	0.1	**0.1**	0.01	0.01	2	0.1	0.2	**0.4**	0.02	0.02	*C75*
Hodgkin lymphoma	32	0.6	3.4	**2.9**	0.24	0.27	25	0.8	2.6	**2.5**	0.17	0.20	*C81*
Non-Hodgkin lymphoma	103	2.0	10.9	**7.2**	0.54	0.79	85	2.8	8.9	**5.1**	0.34	0.60	*C82-85,C96*
Immunoproliferative diseases	6	0.1	0.6	**0.4**	0.03	0.04	2	0.1	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	71	1.4	7.5	**4.0**	0.16	0.49	53	1.7	5.6	**2.6**	0.12	0.37	*C90*
Lymphoid leukaemia	61	1.2	6.4	**4.6**	0.16	0.39	36	1.2	3.8	**2.6**	0.17	0.20	*C91*
Myeloid leukaemia	61	1.2	6.4	**4.3**	0.23	0.40	55	1.8	5.8	**2.9**	0.15	0.33	*C92-94*
Leukaemia unspecified	4	0.1	0.4	**0.1**	0.00	0.00	4	0.1	0.4	**0.2**	0.02	0.02	*C95*
Myeloproliferative disorders	17	0.3	1.8	**1.1**	0.06	0.10	18	0.6	1.9	**0.8**	0.02	0.09	*MPD*
Myelodysplastic syndromes	60	1.2	6.3	**2.3**	0.01	0.23	31	1.0	3.3	**1.1**	0.03	0.09	*MDS*
Other and unspecified	146	2.8	15.4	**7.7**	0.31	0.84	132	4.3	13.9	**4.9**	0.18	0.43	*O&U*
All sites	5181		546.2	**305.0**	15.43	36.05	3065		321.6	**174.7**	11.15	18.80	*C00-96*
All sites except C44	5167	100.0	544.7	**304.1**	15.39	35.95	3051	100.0	320.2	**174.1**	11.11	18.75	*C00-96 exc. C44*
	§Includes 1 case of unknown age						§Includes 1 case of unknown age						

† See note following population pyramid

Spain, Asturias

REGISTRATION AREA

The Asturias Cancer Registry covers the Principality of Asturias, an autonomous community of Spain located on the northern coast of the Iberian Peninsula. In 2005, the population was 1.1 million, with 21.9% of residents aged 65 years or older and 80% living in urban areas. The population density was 101.5 residents/km^2.

CANCER CARE FACILITIES

General health care in Asturias is provided mostly by public services, through a well-developed network of eight district hospitals, 220 local primary health care centres, and a central hospital in the capital (Oviedo), which has a comprehensive oncology centre that provides cancer surgery, radiotherapy, and chemotherapy services. Patients suspected to have cancer are diagnosed and treated in the eight district hospitals and referred to the central hospital when necessary. These public facilities are supplemented by one private hospital, which offers some cancer treatments. Very few cancer patients need additional treatment outside Asturias.

REGISTRY STRUCTURE AND METHODS

The registry was started in 1978 and became population-based in 1982. It is publicly funded by the Asturian regional government and staffed by one part-time epidemiologist and two full-time registrars. The registry uses active case finding from various sources, including public and private hospitals, pathology and haematology laboratories, and death certificates. There is also a hospital-based registry in the central hospital, which provides electronic files to the Asturias Cancer Registry. Cancer is not a reportable disease in Asturias.

INTERPRETING THE RESULTS

An organized population-based breast cancer screening programme was implemented in 2000 among women aged 50–69 years. Participation in the first round of screening reached 80%.

USE OF THE DATA

The registry regularly publishes reports on cancer incidence. Registry data have been used in etiological research such as the European Prospective Investigation into Cancer and Nutrition (EPIC), for evaluation of the breast cancer screening programme, and for planning radiotherapy facilities and other cancer services.

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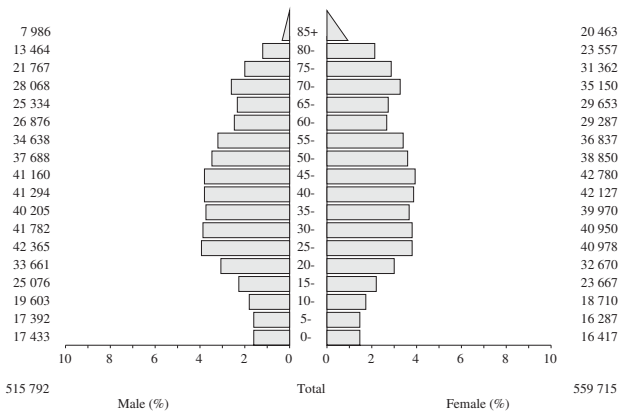
Spain, Asturias (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual population estimates provided by the Spanish National Statistics Institute (INE; http://www.ine.es/inebmenu/mnu_cifraspob.htm), based on the 2001 census, with postcensal adjustments for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	63.7	Breast	57.7
Trachea, bronchus and lung	59.4	Colon	14.6
Bladder	28.8	Corpus uteri	13.5
Colon	27.8	Trachea, bronchus and lung	9.1
Rectum	17.9	Rectum	8.6
Stomach	12.8	Ovary	8.2
Larynx	12.7	Non-Hodgkin lymphoma	8.1
Non-Hodgkin lymphoma	11.4	Other and unspecified	6.1
Kidney	11.4	Melanoma of skin	5.8
Other and unspecified	11.3	Cervix uteri	5.8
All sites	347.8	All sites	192.1

Spain, Asturias (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	94	0.5	3.6	**1.5**	0.05	0.18	29	0.2	1.0	**0.3**	0.01	0.02	*C00*
Tongue	149	0.8	5.8	**3.4**	0.25	0.41	66	0.6	2.4	**1.1**	0.07	0.12	*C01-02*
Mouth	152	0.8	5.9	**3.4**	0.25	0.39	58	0.5	2.1	**0.9**	0.06	0.09	*C03-06*
Salivary glands	46	0.2	1.8	**0.8**	0.04	0.10	24	0.2	0.9	**0.4**	0.03	0.03	*C07-08*
Tonsil	47	0.3	1.8	**1.0**	0.08	0.13	6	0.1	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	84	0.5	3.3	**2.0**	0.17	0.24	6	0.1	0.2	**0.2**	0.01	0.01	*C10*
Nasopharynx	52	0.3	2.0	**1.2**	0.09	0.13	20	0.2	0.7	**0.4**	0.02	0.04	*C11*
Hypopharynx	155	0.8	6.0	**3.5**	0.28	0.44	8	0.1	0.3	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	43	0.2	1.7	**1.0**	0.08	0.12	5	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	347	1.9	13.5	**7.0**	0.48	0.87	44	0.4	1.6	**0.5**	0.03	0.05	*C15*
Stomach	764	4.1	29.6	**12.8**	0.60	1.53	475	4.0	17.0	**5.3**	0.25	0.57	*C16*
Small intestine	51	0.3	2.0	**0.8**	0.03	0.10	63	0.5	2.3	**0.9**	0.06	0.11	*C17*
Colon	1705	9.2	66.1	**27.8**	1.26	3.34	1177	9.9	42.1	**14.6**	0.78	1.63	*C18*
Rectum	1026	5.5	39.8	**17.9**	0.88	2.22	597	5.0	21.3	**8.6**	0.52	1.04	*C19-20*
Anus	29	0.2	1.1	**0.7**	0.05	0.08	19	0.2	0.7	**0.3**	0.02	0.03	*C21*
Liver	548	2.9	21.2	**10.6**	0.61	1.31	199	1.7	7.1	**2.3**	0.11	0.24	*C22*
Gallbladder etc.	91	0.5	3.5	**1.5**	0.05	0.16	101	0.9	3.6	**1.0**	0.03	0.13	*C23-24*
Pancreas	384	2.1	14.9	**7.2**	0.44	0.82	351	3.0	12.5	**3.9**	0.17	0.43	*C25*
Nose, sinuses etc.	68	0.4	2.6	**1.5**	0.10	0.16	18	0.2	0.6	**0.3**	0.01	0.03	*C30-31*
Larynx	584	3.1	22.6	**12.7**	0.94	1.61	32	0.3	1.1	**0.6**	0.06	0.06	*C32*
Trachea, bronchus and lung	3221	17.3	124.9	**59.4**	3.50	7.21	545	4.6	19.5	**9.1**	0.66	1.02	*C33-34*
Other thoracic organs	25	0.1	1.0	**0.5**	0.04	0.05	19	0.2	0.7	**0.4**	0.03	0.04	*C37-38*
Bone	41	0.2	1.6	**1.4**	0.09	0.11	21	0.2	0.8	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	221	1.2	8.6	**4.8**	0.31	0.50	309	2.6	11.0	**5.8**	0.42	0.61	*C43*
Other skin	4		0.2	**0.1**	0.01	0.01	2		0.1	**0.1**	0.01	0.01	*C44*
Mesothelioma	44	0.2	1.7	**0.8**	0.05	0.09	12	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	37	0.2	1.4	**0.9**	0.07	0.09	10	0.1	0.4	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	119	0.6	4.6	**2.4**	0.15	0.25	85	0.7	3.0	**1.5**	0.10	0.14	*C47+C49*
Breast	49	0.3	1.9	**1.0**	0.07	0.12	3091	26.1	110.4	**57.7**	4.37	6.27	*C50*
Vulva							101	0.9	3.6	**1.2**	0.05	0.12	*C51*
Vagina							32	0.3	1.1	**0.5**	0.02	0.05	*C52*
Cervix uteri							268	2.3	9.6	**5.8**	0.44	0.59	*C53*
Corpus uteri							795	6.7	28.4	**13.5**	1.00	1.63	*C54*
Uterus unspecified							52	0.4	1.9	**0.7**	0.04	0.07	*C55*
Ovary							443	3.7	15.8	**8.2**	0.61	0.91	*C56*
Other female genital organs							17	0.1	0.6	**0.2**	0.01	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	53	0.3	2.1	**1.0**	0.06	0.11							*C60*
Prostate	3644	19.6	141.3	**63.7**	2.94	8.73							*C61*
Testis	106	0.6	4.1	**3.6**	0.26	0.26							*C62*
Other male genital organs	7	0.0	0.3	**0.1**	0.01	0.02							*C63*
Kidney	550	3.0	21.3	**11.4**	0.77	1.38	244	2.1	8.7	**3.9**	0.24	0.47	*C64*
Renal pelvis	26	0.1	1.0	**0.5**	0.02	0.05	9	0.1	0.3	**0.1**	0.00	0.01	*C65*
Ureter	18	0.1	0.7	**0.3**	0.00	0.04	2	0.0	0.1	**0.0**	0.00	0.00	*C66*
†Bladder	1704	9.2	66.1	**28.8**	1.47	3.26	378	3.2	13.5	**4.9**	0.27	0.58	*C67*
Other urinary organs	100	0.5	3.9	**1.7**	0.07	0.18	21	0.2	0.8	**0.2**	0.01	0.03	*C68*
Eye	18	0.1	0.7	**0.5**	0.03	0.05	16	0.1	0.6	**0.3**	0.02	0.04	*C69*
Brain, nervous system	246	1.3	9.5	**6.6**	0.42	0.65	203	1.7	7.3	**4.4**	0.28	0.46	*C70-72*
Thyroid	66	0.4	2.6	**1.7**	0.14	0.17	241	2.0	8.6	**5.6**	0.42	0.53	*C73*
Adrenal gland	7	0.0	0.3	**0.2**	0.01	0.02	11	0.1	0.4	**0.5**	0.03	0.03	*C74*
Other endocrine	3	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	100	0.5	3.9	**3.5**	0.22	0.27	59	0.5	2.1	**1.9**	0.13	0.15	*C81*
Non-Hodgkin lymphoma	552	3.0	21.4	**11.4**	0.68	1.23	502	4.2	17.9	**8.1**	0.49	0.94	*C82-85,C96*
Immunoproliferative diseases	9	0.0	0.3	**0.2**	0.01	0.02	2	0.0	0.1	**0.0**	0.00	0.01	*C88*
Multiple myeloma	122	0.7	4.7	**2.0**	0.09	0.23	141	1.2	5.0	**1.8**	0.10	0.22	*C90*
Lymphoid leukaemia	131	0.7	5.1	**3.4**	0.18	0.31	100	0.8	3.6	**2.5**	0.12	0.20	*C91*
Myeloid leukaemia	135	0.7	5.2	**3.3**	0.19	0.27	126	1.1	4.5	**2.0**	0.12	0.20	*C92-94*
Leukaemia unspecified	25	0.1	1.0	**0.6**	0.03	0.05	29	0.2	1.0	**0.5**	0.03	0.04	*C95*
Myeloproliferative disorders	83	0.4	3.2	**1.6**	0.08	0.19	66	0.6	2.4	**1.0**	0.06	0.10	*MPD*
Myelodysplastic syndromes	68	0.4	2.6	**1.0**	0.04	0.08	55	0.5	2.0	**0.7**	0.03	0.05	*MDS*
Other and unspecified	645	3.5	25.0	**11.3**	0.58	1.20	553	4.7	19.8	**6.1**	0.26	0.60	*O&U*
All sites	18598		721.1	**347.8**	19.35	41.50	11858		423.7	**192.1**	12.74	20.91	*C00-96*
All sites except C44	18594	100.0	721.0	**347.7**	19.35	41.49	11856	100.0	423.6	**191.9**	12.74	20.90	*C00-96 exc. C44*
	§Includes 3 cases of unknown age						§Includes 7 cases of unknown age						

† See note following population pyramid

Spain, Basque Country

REGISTRATION AREA

The Basque Country Cancer Registry (BCCR) covers all three provinces of the autonomous community of the Basque Country: Álava, Biscay, and Gipuzkoa. In 2006, the total population was 2.1 million. About 61.4% of residents work in the services sector and 28.6% in industry. Life expectancy at birth is 77.3 years for males and 84.8 years for females.

CANCER CARE FACILITIES

General health care is provided to 95% of the population by the Osakidetza (the public health care system of the Basque Country). There are 40 hospitals (public and private). Most cancer patients seen within the network of primary health care centres are referred to general hospitals with oncology facilities.

REGISTRY STRUCTURE AND METHODS

The BCCR was created in 1986 by the region's health department, which coordinates three provincial teams. Hospital cancer registries are the registry's main source of information. Notification is voluntary, and a system of active data collection from other sources has been established. The BCCR also receives information about resident cases from registries outside the area. Data from incident cases are complemented by death certificates mentioning cancer. The registry uses modified IARC/IACR rules for multiple primary tumours.

INTERPRETING THE RESULTS

An organized population-based screening programme for breast cancer was established among women aged 50–64 years in 1995, and was extended to women aged up to 69 years in 2006. There are no population-based cervical or prostate cancer screening programmes, but opportunistic screening is available.

USE OF THE DATA

The registry annually reports incidence, trends, and survival data for main sites. Registry data are used for the planning and evaluation of health services, the cancer strategy for Basque Country, and screening programmes. The registry collaborates on several national and international projects, such as EUROCARE, EUROPREVAL, the Automated Childhood Cancer Information System (ACCIS), and the European Prospective Investigation into Cancer and Nutrition (EPIC).

CONTRIBUTORS

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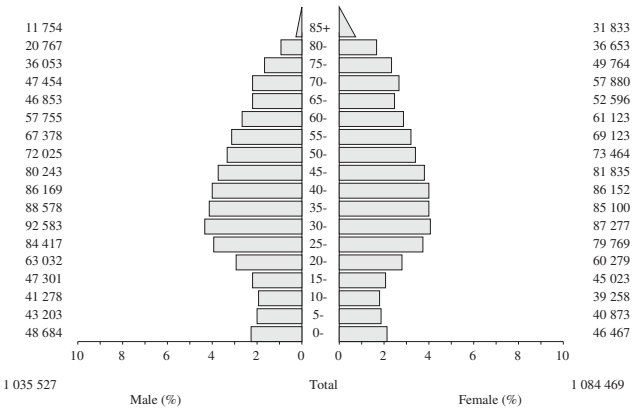
Spain, Basque Country (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001 and 2006 census data available from http://www.osanet.euskadi.net/.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	73.8	Breast	64.4
Trachea, bronchus and lung	53.5	Colon	15.2
Bladder	34.1	Corpus uteri	13.8
Colon	31.3	Trachea, bronchus and lung	9.8
Rectum	18.8	Melanoma of skin	7.6
Stomach	15.7	Ovary	7.6
Larynx	13.1	Rectum	7.4
Liver	12.3	Non-Hodgkin lymphoma	7.4
Kidney	11.5	Thyroid	6.9
Non-Hodgkin lymphoma	11.4	Stomach	6.2
All sites	377.3	All sites	209.4

Spain, Basque Country (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	207	0.6	4.0	**1.9**	0.07	0.23	46	0.2	0.8	**0.3**	0.01	0.03	*C00*
Tongue	284	0.8	5.5	**3.4**	0.24	0.41	109	0.5	2.0	**1.1**	0.08	0.11	*C01-02*
Mouth	368	1.0	7.1	**4.4**	0.35	0.52	126	0.6	2.3	**1.1**	0.08	0.12	*C03-06*
Salivary glands	75	0.2	1.4	**0.7**	0.03	0.08	39	0.2	0.7	**0.4**	0.03	0.05	*C07-08*
Tonsil	98	0.3	1.9	**1.2**	0.10	0.13	25	0.1	0.5	**0.3**	0.03	0.03	*C09*
Other oropharynx	119	0.3	2.3	**1.4**	0.11	0.17	6	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	107	0.3	2.1	**1.3**	0.11	0.15	43	0.2	0.8	**0.4**	0.03	0.05	*C11*
Hypopharynx	313	0.9	6.0	**3.8**	0.29	0.48	29	0.1	0.5	**0.4**	0.03	0.04	*C12-13*
Pharynx unspecified	114	0.3	2.2	**1.4**	0.12	0.17	16	0.1	0.3	**0.2**	0.02	0.02	*C14*
Oesophagus	685	1.9	13.2	**7.6**	0.51	0.94	111	0.5	2.0	**0.9**	0.06	0.09	*C15*
Stomach	1617	4.4	31.2	**15.7**	0.78	1.88	898	4.0	16.6	**6.2**	0.29	0.67	*C16*
Small intestine	87	0.2	1.7	**0.9**	0.05	0.10	73	0.3	1.3	**0.5**	0.03	0.06	*C17*
Colon	3304	9.1	63.8	**31.3**	1.49	3.77	2096	9.3	38.7	**15.2**	0.77	1.73	*C18*
Rectum	1887	5.2	36.4	**18.8**	1.02	2.33	979	4.4	18.1	**7.4**	0.41	0.87	*C19-20*
Anus	43	0.1	0.8	**0.5**	0.03	0.04	40	0.2	0.7	**0.3**	0.02	0.03	*C21*
Liver	1198	3.3	23.1	**12.3**	0.64	1.54	405	1.8	7.5	**2.7**	0.12	0.30	*C22*
Gallbladder etc.	319	0.9	6.2	**2.8**	0.10	0.32	367	1.6	6.8	**2.1**	0.07	0.23	*C23-24*
Pancreas	746	2.1	14.4	**7.5**	0.39	0.90	699	3.1	12.9	**4.8**	0.21	0.56	*C25*
Nose, sinuses etc.	61	0.2	1.2	**0.7**	0.04	0.09	39	0.2	0.7	**0.3**	0.02	0.04	*C30-31*
Larynx	1139	3.1	22.0	**13.1**	0.99	1.61	74	0.3	1.4	**0.8**	0.07	0.09	*C32*
Trachea, bronchus and lung	5205	14.3	100.5	**53.5**	3.10	6.47	978	4.3	18.0	**9.8**	0.72	1.06	*C33-34*
Other thoracic organs	66	0.2	1.3	**1.0**	0.06	0.09	32	0.1	0.6	**0.4**	0.02	0.04	*C37-38*
Bone	54	0.1	1.0	**0.9**	0.06	0.07	39	0.2	0.7	**0.6**	0.03	0.05	*C40-41*
Melanoma of skin	554	1.5	10.7	**6.4**	0.43	0.71	663	2.9	12.2	**7.6**	0.56	0.78	*C43*
Other skin	65		1.3	**0.7**	0.04	0.07	75		1.4	**0.8**	0.05	0.08	*C44*
Mesothelioma	121	0.3	2.3	**1.2**	0.07	0.16	44	0.2	0.8	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	69	0.2	1.3	**0.9**	0.06	0.08	27	0.1	0.5	**0.2**	0.01	0.02	*C46*
Connective and soft tissue	194	0.5	3.7	**2.6**	0.17	0.24	141	0.6	2.6	**1.6**	0.10	0.15	*C47+C49*
Breast	83	0.2	1.6	**0.8**	0.04	0.11	6063	26.9	111.8	**64.4**	5.14	6.88	*C50*
Vulva							160	0.7	3.0	**1.2**	0.06	0.13	*C51*
Vagina							34	0.2	0.6	**0.3**	0.01	0.02	*C52*
Cervix uteri							451	2.0	8.3	**5.2**	0.42	0.54	*C53*
Corpus uteri							1407	6.3	25.9	**13.8**	1.01	1.73	*C54*
Uterus unspecified							62	0.3	1.1	**0.5**	0.03	0.05	*C55*
Ovary							776	3.4	14.3	**7.6**	0.57	0.84	*C56*
Other female genital organs							59	0.3	1.1	**0.4**	0.02	0.05	*C57*
Placenta							3	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	101	0.3	2.0	**0.9**	0.04	0.10							*C60*
Prostate	7608	20.9	146.9	**73.8**	3.09	10.16							*C61*
Testis	279	0.8	5.4	**4.9**	0.34	0.35							*C62*
Other male genital organs	12	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	1072	2.9	20.7	**11.5**	0.70	1.34	514	2.3	9.5	**4.6**	0.30	0.47	*C64*
Renal pelvis	86	0.2	1.7	**0.8**	0.04	0.10	44	0.2	0.8	**0.3**	0.01	0.03	*C65*
Ureter	51	0.1	1.0	**0.5**	0.03	0.05	13	0.1	0.2	**0.1**	0.00	0.01	*C66*
†Bladder	3437	9.5	66.4	**34.1**	1.76	4.05	667	3.0	12.3	**4.9**	0.29	0.49	*C67*
Other urinary organs	28	0.1	0.5	**0.3**	0.01	0.03	8	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	39	0.1	0.8	**0.5**	0.03	0.05	44	0.2	0.8	**0.4**	0.03	0.04	*C69*
Brain, nervous system	566	1.6	10.9	**7.2**	0.46	0.77	451	2.0	8.3	**5.2**	0.32	0.50	*C70-72*
Thyroid	168	0.5	3.2	**2.2**	0.17	0.23	532	2.4	9.8	**6.9**	0.55	0.68	*C73*
Adrenal gland	22	0.1	0.4	**0.4**	0.02	0.03	17	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	7	0.0	0.1	**0.2**	0.01	0.01	5	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	187	0.5	3.6	**3.3**	0.23	0.25	136	0.6	2.5	**2.1**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	970	2.7	18.7	**11.4**	0.71	1.18	791	3.5	14.6	**7.4**	0.47	0.82	*C82-85,C96*
Immunoproliferative diseases	28	0.1	0.5	**0.3**	0.00	0.03	12	0.1	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	314	0.9	6.1	**2.8**	0.12	0.33	342	1.5	6.3	**2.5**	0.13	0.30	*C90*
Lymphoid leukaemia	389	1.1	7.5	**5.3**	0.27	0.49	266	1.2	4.9	**3.5**	0.19	0.30	*C91*
Myeloid leukaemia	295	0.8	5.7	**3.1**	0.16	0.34	212	0.9	3.9	**1.9**	0.12	0.21	*C92-94*
Leukaemia unspecified	81	0.2	1.6	**0.8**	0.03	0.06	78	0.3	1.4	**0.5**	0.02	0.04	*C95*
Myeloproliferative disorders	185	0.5	3.6	**1.9**	0.11	0.22	166	0.7	3.1	**1.5**	0.09	0.16	*MPD*
Myelodysplastic syndromes	292	0.8	5.6	**2.4**	0.07	0.23	210	0.9	3.9	**1.2**	0.03	0.13	*MDS*
Other and unspecified	1025	2.8	19.8	**9.9**	0.48	1.06	832	3.7	15.3	**5.3**	0.23	0.48	*O&U*
All sites	36424		703.5	**377.3**	20.41	45.34	22574		416.3	**209.4**	14.14	22.47	*C00-96*
All sites except C44	36359	100.0	702.2	**376.6**	20.37	45.27	22499	100.0	414.9	**208.6**	14.09	22.39	*C00-96 exc. C44*

† See note following population pyramid

Spain, Canary Islands

REGISTRATION AREA

The Canary Islands are an autonomous community of Spain located 100 km east of the African coast and 1500 km from mainland Spain. The Canary Islands Cancer Registry covers the region's two major islands: Gran Canaria and Tenerife. In 2005, the covered population was 1.6 million (almost 100% Caucasian). The main economic activities are agriculture (7%), industry (3.4%), and services – mainly tourism (77.9%).

CANCER CARE FACILITIES

There is a network of primary health care centres and four reference hospitals, with oncology, radiotherapy, and haematology services. There is also a growing network of private hospitals.

REGISTRY STRUCTURE AND METHODS

The registry is part of the Epidemiology and Prevention Service of the Canary Islands General Directorate of Public Health. The registry is divided into two sections (one for each of the islands covered) and is staffed by two preventive medicine and public health specialists, a physician, two nurses, and a clerk. The registry was created by law in 1993. Registry staff members actively collect data from public and private hospitals and search for cases in pathology, radiotherapy, haematology, and hospital discharge databases. Death certificates with cancer listed as the primary cause of death are also used for case finding. Since 2006, the registry has had direct access to the electronic records systems of the four major hospitals. Although some cancer patients go to mainland Spain to receive treatment, most diagnoses are made on the islands, and death certificates allow the registry to capture previously missed cases.

INTERPRETING THE RESULTS

There has been an organized screening programme for breast cancer (among women aged 50–69 years) since 1999 and for colorectal cancer (among residents aged 50–69 years) since 2009. Opportunistic screening for cervical and prostate cancers is common within the population.

USE OF THE DATA

The registry periodically publishes incidence data on the Canary Islands government website (http://www2.gobiernodecanarias.org). The data are used by hospitals and the government for health services planning. The registry has also collaborated with other Spanish registries and the Spanish National Centre of Epidemiology, and is a member of the recently created Spanish network of cancer registries (REDECAN).

CONTRIBUTORS

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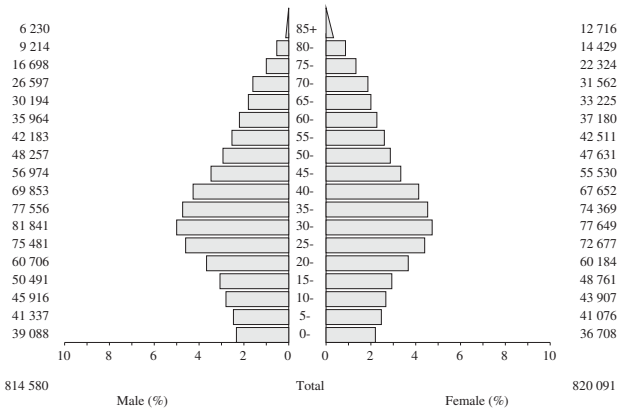
Spain, Canary Islands (2003-2006)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the official municipal census record, with geometric interpolation.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	66.6	Breast	58.8
Trachea, bronchus and lung	43.4	Colon	14.3
Bladder	27.1	Corpus uteri	10.9
Colon	21.8	Trachea, bronchus and lung	9.1
Non-Hodgkin lymphoma	13.5	Non-Hodgkin lymphoma	9.0
Rectum	13.1	Cervix uteri	8.2
Other and unspecified	10.4	Thyroid	7.3
Larynx	9.6	Rectum	7.2
Liver	8.9	Ovary	6.7
Stomach	8.1	Other and unspecified	6.1
All sites	305.9	All sites	191.7

Spain, Canary Islands (2003-2006)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	176	1.3	5.4	**3.9**	0.23	0.47	24	0.3	0.7	**0.4**	0.02	0.06	*C00*
Tongue	153	1.1	4.7	**3.6**	0.26	0.46	34	0.4	1.0	**0.7**	0.04	0.07	*C01-02*
Mouth	167	1.2	5.1	**4.0**	0.32	0.50	60	0.6	1.8	**1.2**	0.07	0.15	*C03-06*
Salivary glands	30	0.2	0.9	**0.7**	0.04	0.07	16	0.2	0.5	**0.3**	0.03	0.03	*C07-08*
Tonsil	67	0.5	2.1	**1.6**	0.14	0.20	12	0.1	0.4	**0.3**	0.03	0.03	*C09*
Other oropharynx	59	0.4	1.8	**1.4**	0.11	0.19	3	0.0	0.1	**0.1**	0.00	0.00	*C10*
Nasopharynx	41	0.3	1.3	**1.0**	0.08	0.12	10	0.1	0.3	**0.2**	0.01	0.03	*C11*
Hypopharynx	135	1.0	4.1	**3.3**	0.23	0.41	8	0.1	0.2	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	50	0.4	1.5	**1.2**	0.08	0.15	3	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	283	2.0	8.7	**6.4**	0.37	0.84	49	0.5	1.5	**0.8**	0.05	0.09	*C15*
Stomach	385	2.8	11.8	**8.1**	0.40	0.95	222	2.3	6.8	**3.9**	0.20	0.42	*C16*
Small intestine	31	0.2	1.0	**0.7**	0.04	0.08	25	0.3	0.8	**0.5**	0.03	0.06	*C17*
Colon	1037	7.5	31.8	**21.8**	1.02	2.56	827	8.6	25.2	**14.3**	0.79	1.63	*C18*
Rectum	594	4.3	18.2	**13.1**	0.76	1.61	392	4.1	11.9	**7.2**	0.39	0.85	*C19-20*
Anus	28	0.2	0.9	**0.6**	0.05	0.08	27	0.3	0.8	**0.5**	0.03	0.06	*C21*
Liver	408	2.9	12.5	**8.9**	0.46	1.12	154	1.6	4.7	**2.5**	0.10	0.30	*C22*
Gallbladder etc.	108	0.8	3.3	**2.1**	0.06	0.23	149	1.6	4.5	**2.4**	0.11	0.29	*C23-24*
Pancreas	328	2.4	10.1	**6.9**	0.32	0.82	263	2.7	8.0	**4.6**	0.23	0.53	*C25*
Nose, sinuses etc.	25	0.2	0.8	**0.5**	0.03	0.06	11	0.1	0.3	**0.2**	0.02	0.02	*C30-31*
Larynx	416	3.0	12.8	**9.6**	0.64	1.23	24	0.3	0.7	**0.5**	0.03	0.05	*C32*
Trachea, bronchus and lung	2001	14.4	61.4	**43.4**	2.33	5.42	442	4.6	13.5	**9.1**	0.65	1.00	*C33-34*
Other thoracic organs	18	0.1	0.6	**0.4**	0.02	0.03	12	0.1	0.4	**0.3**	0.01	0.02	*C37-38*
Bone	39	0.3	1.2	**1.1**	0.07	0.08	21	0.2	0.6	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	210	1.5	6.4	**4.6**	0.30	0.48	255	2.7	7.8	**5.4**	0.40	0.56	*C43*
Other skin	32		1.0	**0.7**	0.03	0.07	36		1.1	**0.7**	0.04	0.07	*C44*
Mesothelioma	14	0.1	0.4	**0.3**	0.02	0.03	4	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	32	0.2	1.0	**0.7**	0.06	0.07	5	0.1	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	70	0.5	2.1	**1.8**	0.13	0.16	69	0.7	2.1	**1.4**	0.10	0.16	*C47+C49*
Breast	21	0.2	0.6	**0.5**	0.03	0.06	2799	29.3	85.3	**58.8**	4.29	6.57	*C50*
Vulva							62	0.6	1.9	**1.0**	0.05	0.09	*C51*
Vagina							11	0.1	0.3	**0.2**	0.01	0.02	*C52*
Cervix uteri							362	3.8	11.0	**8.2**	0.66	0.85	*C53*
Corpus uteri							545	5.7	16.6	**10.9**	0.68	1.39	*C54*
Uterus unspecified							29	0.3	0.9	**0.5**	0.03	0.06	*C55*
Ovary							323	3.4	9.8	**6.7**	0.46	0.73	*C56*
Other female genital organs							26	0.3	0.8	**0.5**	0.03	0.05	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	51	0.4	1.6	**1.1**	0.06	0.12							*C60*
Prostate	3069	22.2	94.2	**66.6**	3.14	9.10							*C61*
Testis	92	0.7	2.8	**2.5**	0.17	0.18							*C62*
Other male genital organs	5	0.0	0.2	**0.2**	0.00	0.01							*C63*
Kidney	218	1.6	6.7	**5.2**	0.35	0.61	112	1.2	3.4	**2.5**	0.18	0.26	*C64*
Renal pelvis	36	0.3	1.1	**0.8**	0.05	0.12	16	0.2	0.5	**0.3**	0.01	0.03	*C65*
Ureter	16	0.1	0.5	**0.3**	0.02	0.04	4	0.0	0.1	**0.1**	0.00	0.01	*C66*
†Bladder	1308	9.4	40.1	**27.1**	1.13	3.11	239	2.5	7.3	**4.0**	0.17	0.44	*C67*
Other urinary organs	19	0.1	0.6	**0.3**	0.01	0.01	3	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	13	0.1	0.4	**0.3**	0.02	0.03	11	0.1	0.3	**0.4**	0.02	0.03	*C69*
Brain, nervous system	245	1.8	7.5	**6.1**	0.38	0.63	180	1.9	5.5	**4.2**	0.27	0.45	*C70-72*
Thyroid	81	0.6	2.5	**1.9**	0.14	0.20	318	3.3	9.7	**7.3**	0.56	0.72	*C73*
Adrenal gland	6	0.0	0.2	**0.3**	0.02	0.02	8	0.1	0.2	**0.4**	0.02	0.02	*C74*
Other endocrine	2	0.0	0.1	**0.1**	0.00	0.00	3	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	99	0.7	3.0	**2.6**	0.19	0.21	76	0.8	2.3	**2.2**	0.15	0.17	*C81*
Non-Hodgkin lymphoma	592	4.3	18.2	**13.5**	0.82	1.49	475	5.0	14.5	**9.0**	0.53	1.01	*C82-85,C96*
Immunoproliferative diseases	13	0.1	0.4	**0.3**	0.02	0.03	7	0.1	0.2	**0.1**	0.01	0.01	*C88*
Multiple myeloma	143	1.0	4.4	**3.0**	0.16	0.39	146	1.5	4.5	**2.5**	0.12	0.28	*C90*
Lymphoid leukaemia	133	1.0	4.1	**3.9**	0.20	0.37	98	1.0	3.0	**2.7**	0.13	0.24	*C91*
Myeloid leukaemia	155	1.1	4.8	**4.0**	0.22	0.38	113	1.2	3.4	**2.5**	0.15	0.25	*C92-94*
Leukaemia unspecified	23	0.2	0.7	**0.4**	0.01	0.03	23	0.2	0.7	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	64	0.5	2.0	**1.5**	0.09	0.18	57	0.6	1.7	**1.2**	0.06	0.13	*MPD*
Myelodysplastic syndromes	36	0.3	1.1	**0.7**	0.02	0.07	32	0.3	1.0	**0.5**	0.02	0.06	*MDS*
Other and unspecified	506	3.7	15.5	**10.4**	0.48	1.18	369	3.9	11.2	**6.1**	0.29	0.62	*O&U*
All sites	13883		426.1	**305.9**	16.29	37.08	9604		292.8	**191.7**	12.36	21.11	*C00-96*
All sites except C44	13851	100.0	425.1	**305.2**	16.26	37.02	9568	100.0	291.7	**191.0**	12.32	21.04	*C00-96 exc. C44*

† See note following population pyramid

Spain, Ciudad Real

REGISTRATION AREA

The population-based Ciudad Real Cancer Registry (RCCR) covers the province of Ciudad Real in the autonomous community of Castilla-La Mancha in Spain. In 2004, the population was 489 000, with immigrants accounting for about 3.5% of the total, and 9.7% of the population living in rural areas with fewer than 2000 residents. The province has 102 municipalities, a total area of 19 813 km^2, and a population density of 24.88 residents/km^2.

CANCER CARE FACILITIES

Almost all residents are covered by the Regional Health Care Services of Castilla-La Mancha (SESCAM). Within the province there are five SESCAM-run hospitals (providing 92.7% of the area's hospital beds) and one private hospital. Two of the SESCAM-run hospitals have oncology services that provide chemotherapy and surgical procedures. Radiotherapy is provided in one SESCAM-run hospital and one outpatient centre. There are 53 SESCAM-run primary health care centres in the province.

REGISTRY STRUCTURE AND METHODS

The RCCR was created in 2004, within the Epidemiology Service of the Health Department of the Autonomous Community of Castilla-La Mancha. The registry staff members work at the provincial capital branch of the Epidemiology Service. The registry covers all malignant tumours diagnosed from 1 January 2004 in patients living in the province of Ciudad Real. Data are actively collected by RCCR personnel from primary sources and from complementary files and clinical records.

INTERPRETING THE RESULTS

SESCAM is responsible for a full range of diagnostic and treatment facilities, so it is unlikely that any cases will be missed. A screening programme for breast cancer began in 1993. Prostate-specific antigen (PSA) testing is common, although its exact prevalence is unknown.

USE OF THE DATA

In addition to being included in reports on cancer incidence, registry data are used to analyse trends, make geographical comparisons, and measure the effect of the breast cancer screening programme.

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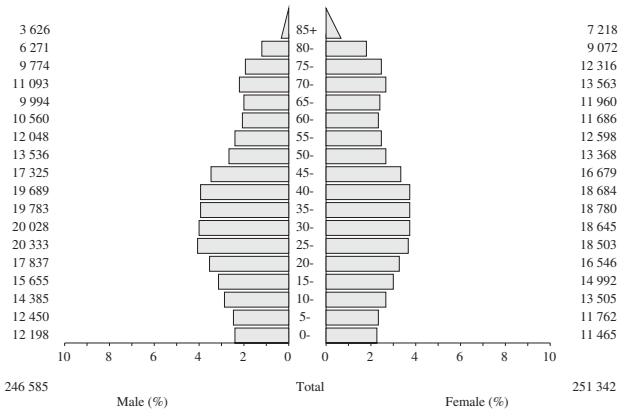
Spain, Ciudad Real (2004-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual population estimates provided by the Spanish National Statistics Institute (INE; http://www.ine.es/inebmenu/mnu_cifraspob.htm), based on the 2001 census, with postcensal adjustments for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	52.5	Breast	51.6
Trachea, bronchus and lung	51.2	Colon	16.0
Bladder	32.1	Corpus uteri	11.4
Colon	23.4	Ovary	8.6
Stomach	14.7	Thyroid	8.1
Rectum	13.9	Stomach	6.3
Larynx	11.2	Rectum	5.9
Other and unspecified	7.0	Trachea, bronchus and lung	4.9
Liver	6.7	Cervix uteri	4.8
Non-Hodgkin lymphoma	6.5	Non-Hodgkin lymphoma	4.6
All sites	286.3	All sites	170.1

Spain, Ciudad Real (2004-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	40	0.8	4.1	**1.9**	0.11	0.18	8	0.2	0.8	**0.3**	0.01	0.03	*C00*
Tongue	36	0.7	3.6	**2.2**	0.15	0.26	16	0.5	1.6	**0.8**	0.04	0.10	*C01-02*
Mouth	34	0.6	3.4	**2.5**	0.19	0.31	14	0.4	1.4	**0.7**	0.06	0.07	*C03-06*
Salivary glands	15	0.3	1.5	**0.8**	0.03	0.08	15	0.4	1.5	**0.7**	0.05	0.09	*C07-08*
Tonsil	13	0.2	1.3	**1.0**	0.09	0.12	2	0.1	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	12	0.2	1.2	**1.0**	0.08	0.12	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	12	0.2	1.2	**0.8**	0.07	0.10	7	0.2	0.7	**0.2**	0.01	0.02	*C11*
Hypopharynx	10	0.2	1.0	**0.7**	0.06	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.0	0.2	**0.2**	0.01	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	59	1.1	6.0	**3.3**	0.15	0.42	12	0.4	1.2	**0.4**	0.03	0.03	*C15*
Stomach	284	5.4	28.8	**14.7**	0.74	1.79	182	5.4	18.1	**6.3**	0.30	0.65	*C16*
Small intestine	15	0.3	1.5	**0.9**	0.06	0.10	8	0.2	0.8	**0.4**	0.02	0.05	*C17*
Colon	467	8.8	47.3	**23.4**	1.06	2.67	394	11.7	39.2	**16.0**	0.80	1.85	*C18*
Rectum	254	4.8	25.8	**13.9**	0.86	1.66	147	4.4	14.6	**5.9**	0.30	0.70	*C19-20*
Anus	7	0.1	0.7	**0.4**	0.02	0.04	3	0.1	0.3	**0.1**	0.01	0.01	*C21*
Liver	132	2.5	13.4	**6.7**	0.30	0.78	68	2.0	6.8	**2.0**	0.03	0.23	*C22*
Gallbladder etc.	47	0.9	4.8	**1.9**	0.06	0.19	58	1.7	5.8	**1.7**	0.05	0.19	*C23-24*
Pancreas	119	2.2	12.1	**6.4**	0.41	0.70	98	2.9	9.7	**3.2**	0.10	0.32	*C25*
Nose, sinuses etc.	5	0.1	0.5	**0.3**	0.01	0.04	3	0.1	0.3	**0.1**	0.01	0.01	*C30-31*
Larynx	166	3.1	16.8	**11.2**	0.88	1.46	8	0.2	0.8	**0.5**	0.04	0.06	*C32*
Trachea, bronchus and lung	952	18.0	96.5	**51.2**	2.76	6.29	114	3.4	11.3	**4.9**	0.30	0.50	*C33-34*
Other thoracic organs	2	0.0	0.2	**0.1**	0.01	0.01	3	0.1	0.3	**0.2**	0.01	0.03	*C37-38*
Bone	12	0.2	1.2	**0.8**	0.05	0.07	9	0.3	0.9	**0.8**	0.06	0.06	*C40-41*
Melanoma of skin	61	1.2	6.2	**3.9**	0.25	0.41	70	2.1	7.0	**4.2**	0.29	0.41	*C43*
Other skin	16		1.6	**0.9**	0.06	0.11	9		0.9	**0.5**	0.03	0.05	*C44*
Mesothelioma	5	0.1	0.5	**0.4**	0.03	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	10	0.2	1.0	**0.4**	0.02	0.05	6	0.2	0.6	**0.2**	0.01	0.02	*C46*
Connective and soft tissue	21	0.4	2.1	**1.3**	0.08	0.11	19	0.6	1.9	**1.3**	0.09	0.12	*C47+C49*
Breast	11	0.2	1.1	**0.5**	0.01	0.06	850	25.3	84.5	**51.6**	3.97	5.67	*C50*
Vulva							24	0.7	2.4	**1.0**	0.04	0.09	*C51*
Vagina							2	0.1	0.2	**0.1**	0.01	0.01	*C52*
Cervix uteri							72	2.1	7.2	**4.8**	0.37	0.49	*C53*
Corpus uteri							208	6.2	20.7	**11.4**	0.83	1.49	*C54*
Uterus unspecified							26	0.8	2.6	**1.5**	0.12	0.19	*C55*
Ovary							148	4.4	14.7	**8.6**	0.66	0.93	*C56*
Other female genital organs							7	0.2	0.7	**0.4**	0.03	0.04	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	21	0.4	2.1	**1.2**	0.06	0.16							*C60*
Prostate	1077	20.3	109.2	**52.5**	1.87	7.13							*C61*
Testis	41	0.8	4.2	**3.7**	0.25	0.28							*C62*
Other male genital organs	1	0.0	0.1	**0.1**	0.01	0.01							*C63*
Kidney	90	1.7	9.1	**5.8**	0.39	0.68	60	1.8	6.0	**3.4**	0.16	0.38	*C64*
Renal pelvis	7	0.1	0.7	**0.4**	0.03	0.04	1	0.0	0.1	**0.1**	0.01	0.01	*C65*
Ureter	13	0.2	1.3	**0.8**	0.04	0.12	3	0.1	0.3	**0.1**	0.00	0.01	*C66*
Bladder	633	12.0	64.2	**32.1**	1.57	3.86	93	2.8	9.3	**3.5**	0.14	0.42	*C67*
Other urinary organs	1	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	5	0.1	0.5	**0.2**	0.00	0.03	5	0.1	0.5	**0.3**	0.03	0.05	*C69*
Brain, nervous system	90	1.7	9.1	**6.2**	0.43	0.64	77	2.3	7.7	**4.5**	0.25	0.47	*C70-72*
Thyroid	20	0.4	2.0	**1.6**	0.13	0.17	108	3.2	10.7	**8.1**	0.65	0.77	*C73*
Adrenal gland	8	0.2	0.8	**0.8**	0.04	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	1	0.0	0.1	**0.0**	0.00	0.01	3	0.1	0.3	**0.3**	0.02	0.03	*C75*
Hodgkin lymphoma	33	0.6	3.3	**2.4**	0.15	0.20	27	0.8	2.7	**2.7**	0.20	0.22	*C81*
Non-Hodgkin lymphoma	96	1.8	9.7	**6.5**	0.48	0.70	94	2.8	9.3	**4.6**	0.33	0.54	*C82-85,C96*
Immunoproliferative diseases	3	0.1	0.3	**0.2**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	60	1.1	6.1	**3.1**	0.14	0.37	52	1.5	5.2	**1.7**	0.03	0.19	*C90*
Lymphoid leukaemia	46	0.9	4.7	**2.7**	0.12	0.23	36	1.1	3.6	**1.4**	0.05	0.14	*C91*
Myeloid leukaemia	44	0.8	4.5	**2.6**	0.17	0.26	43	1.3	4.3	**2.5**	0.14	0.24	*C92-94*
Leukaemia unspecified	12	0.2	1.2	**0.8**	0.03	0.07	12	0.4	1.2	**0.7**	0.04	0.07	*C95*
Myeloproliferative disorders	9	0.2	0.9	**0.5**	0.03	0.07	7	0.2	0.7	**0.3**	0.02	0.04	*MPD*
Myelodysplastic syndromes	41	0.8	4.2	**1.5**	0.02	0.14	16	0.5	1.6	**0.6**	0.03	0.06	*MDS*
Other and unspecified	142	2.7	14.4	**7.0**	0.33	0.75	125	3.7	12.4	**4.2**	0.19	0.43	*O&U*
All sites	5313		538.7	**286.3**	14.92	34.28	3373		335.5	**170.1**	10.97	18.58	*C00-96*
All sites except C44	5297	100.0	537.0	**285.5**	14.85	34.17	3364	100.0	334.6	**169.6**	10.94	18.53	*C00-96 exc. C44*

Spain, Cuenca

REGISTRATION AREA

The population-based Cuenca Cancer Registry (RCCU) covers the province of Cuenca in the autonomous community of Castilla-La Mancha in Spain. In 2005, the population was 207 000.

CANCER CARE FACILITIES

The province has one hospital and 37 primary health care centres.

REGISTRY STRUCTURE AND METHODS

The RCCU was created in 1993 and covers all malignant tumours diagnosed from 1 January 1993 in patients residing in Cuenca at the time of diagnosis (or at the time of death if the only source of information is a death certificate). Active data collection is performed by registry personnel through review of clinical histories. The registry receives automated discharge files and electronic pathology reports from the public hospital. It also receives information from general practitioners and attending physicians in hospitals, as well as from death certificates. Cases are coded using the ICD-O-3 classification system, and the registry uses the IARC/IACR rules for multiple primary tumours. Access to patient data is restricted to registry personnel, and systems are in place to ensure confidentiality.

INTERPRETING THE RESULTS

There is an organized breast cancer screening programme, which reports newly diagnosed cases to the registry. Basal and squamous cell skin cancers are not registered. As per IARC recommendations, all bladder tumours (regardless of behaviour), all benign brain and other central nervous system tumours, and all benign tumours and in situ cancers of the breast and cervix are registered.

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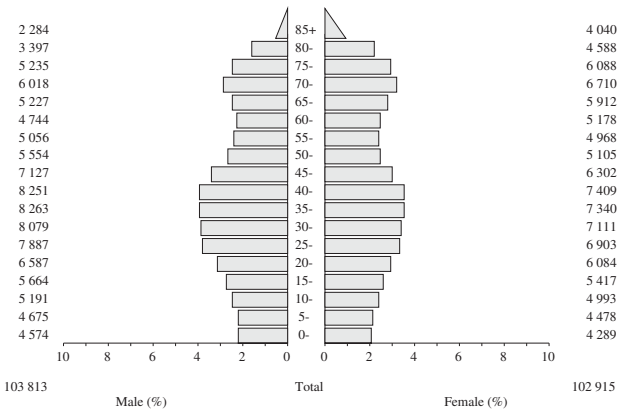
Spain, Cuenca (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual population estimates provided by the Spanish National Statistics Institute (INE; http://www.ine.es/inebmenu/mnu_cifraspob.htm), based on the 2001 census, with postcensal adjustments for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	61.1	Breast	50.6
Trachea, bronchus and lung	46.6	Corpus uteri	12.4
Bladder	24.4	Colon	10.2
Colon	19.4	Ovary	10.0
Rectum	13.3	Rectum	6.5
Stomach	12.8	Stomach	6.3
Larynx	10.0	Thyroid	6.0
Non-Hodgkin lymphoma	8.1	Non-Hodgkin lymphoma	5.2
Lip	6.9	Cervix uteri	4.8
Other and unspecified	6.2	Trachea, bronchus and lung	4.7
All sites	285.2	All sites	168.4

Spain, Cuenca (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	77	2.3	14.8	**6.9**	0.37	0.87	5	0.3	1.0	**0.5**	0.04	0.05	*C00*
Tongue	19	0.6	3.7	**2.2**	0.16	0.26	7	0.4	1.4	**0.8**	0.06	0.09	*C01-02*
Mouth	12	0.4	2.3	**1.2**	0.06	0.17	5	0.3	1.0	**0.6**	0.05	0.05	*C03-06*
Salivary glands	6	0.2	1.2	**0.4**	0.02	0.04	4	0.2	0.8	**0.4**	0.04	0.04	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.2**	0.02	0.02	*C09*
Other oropharynx	3	0.1	0.6	**0.3**	0.02	0.04	1	0.1	0.2	**0.0**	0.00	0.00	*C10*
Nasopharynx	5	0.1	1.0	**0.6**	0.02	0.08	1	0.1	0.2	**0.0**	0.00	0.00	*C11*
Hypopharynx	9	0.3	1.7	**1.2**	0.11	0.16	2	0.1	0.4	**0.1**	0.00	0.03	*C12-13*
Pharynx unspecified	2	0.1	0.4	**0.4**	0.04	0.04	1	0.1	0.2	**0.0**	0.00	0.00	*C14*
Oesophagus	42	1.2	8.1	**5.0**	0.40	0.60	4	0.2	0.8	**0.2**	0.00	0.02	*C15*
Stomach	165	4.9	31.8	**12.8**	0.66	1.47	95	5.3	18.5	**6.3**	0.31	0.70	*C16*
Small intestine	9	0.3	1.7	**0.8**	0.04	0.08	5	0.3	1.0	**0.4**	0.04	0.05	*C17*
Colon	252	7.5	48.5	**19.4**	0.93	2.29	169	9.4	32.8	**10.2**	0.50	1.06	*C18*
Rectum	154	4.6	29.7	**13.3**	0.78	1.66	85	4.7	16.5	**6.5**	0.35	0.78	*C19-20*
Anus	5	0.1	1.0	**0.5**	0.04	0.06	5	0.3	1.0	**0.6**	0.06	0.06	*C21*
Liver	62	1.8	11.9	**4.9**	0.23	0.56	29	1.6	5.6	**1.9**	0.05	0.24	*C22*
Gallbladder etc.	32	1.0	6.2	**2.2**	0.08	0.27	48	2.7	9.3	**2.1**	0.06	0.20	*C23-24*
Pancreas	61	1.8	11.8	**4.9**	0.21	0.55	62	3.4	12.0	**3.6**	0.15	0.40	*C25*
Nose, sinuses etc.	6	0.2	1.2	**0.6**	0.05	0.07	2	0.1	0.4	**0.1**	0.00	0.00	*C30-31*
Larynx	97	2.9	18.7	**10.0**	0.64	1.20	2	0.1	0.4	**0.1**	0.00	0.01	*C32*
Trachea, bronchus and lung	527	15.7	101.5	**46.6**	2.69	5.91	58	3.2	11.3	**4.7**	0.31	0.54	*C33-34*
Other thoracic organs	3	0.1	0.6	**0.2**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	5	0.1	1.0	**0.6**	0.03	0.05	5	0.3	1.0	**0.6**	0.05	0.05	*C40-41*
Melanoma of skin	45	1.3	8.7	**3.6**	0.21	0.35	36	2.0	7.0	**3.7**	0.26	0.39	*C43*
Other skin	1		0.2	**0.2**	0.01	0.01	8		1.6	**0.9**	0.07	0.07	*C44*
Mesothelioma	6	0.2	1.2	**0.6**	0.04	0.09	1	0.1	0.2	**0.2**	0.02	0.02	*C45*
Kaposi sarcoma	2	0.1	0.4	**0.2**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	14	0.4	2.7	**0.9**	0.04	0.13	15	0.8	2.9	**1.9**	0.14	0.20	*C47+C49*
Breast	10	0.3	1.9	**1.1**	0.08	0.13	447	24.8	86.9	**50.6**	3.94	5.39	*C50*
Vulva							17	0.9	3.3	**1.2**	0.05	0.15	*C51*
Vagina							0	0.0	0.0	**0.0**	0.00	0.00	*C52*
Cervix uteri							39	2.2	7.6	**4.8**	0.39	0.48	*C53*
Corpus uteri							121	6.7	23.5	**12.4**	0.95	1.47	*C54*
Uterus unspecified							4	0.2	0.8	**0.4**	0.04	0.04	*C55*
Ovary							83	4.6	16.1	**10.0**	0.82	1.07	*C56*
Other female genital organs							3	0.2	0.6	**0.4**	0.03	0.05	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	20	0.6	3.9	**1.9**	0.11	0.25							*C60*
Prostate	842	25.0	162.2	**61.1**	2.38	7.83							*C61*
Testis	9	0.3	1.7	**1.3**	0.11	0.12							*C62*
Other male genital organs	4	0.1	0.8	**0.2**	0.00	0.02							*C63*
Kidney	64	1.9	12.3	**6.0**	0.35	0.70	23	1.3	4.5	**2.1**	0.10	0.22	*C64*
Renal pelvis	11	0.3	2.1	**0.7**	0.02	0.06	2	0.1	0.4	**0.2**	0.02	0.02	*C65*
Ureter	3	0.1	0.6	**0.3**	0.02	0.04	4	0.2	0.8	**0.2**	0.00	0.03	*C66*
Bladder	292	8.7	56.3	**24.4**	1.43	2.80	39	2.2	7.6	**2.6**	0.11	0.25	*C67*
Other urinary organs	3	0.1	0.6	**0.4**	0.02	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	2	0.1	0.4	**0.1**	0.00	0.00	2	0.1	0.4	**0.1**	0.00	0.01	*C69*
Brain, nervous system	42	1.2	8.1	**4.8**	0.27	0.43	37	2.1	7.2	**3.1**	0.20	0.35	*C70-72*
Thyroid	12	0.4	2.3	**1.8**	0.14	0.14	38	2.1	7.4	**6.0**	0.43	0.52	*C73*
Adrenal gland	3	0.1	0.6	**1.2**	0.06	0.06	1	0.1	0.2	**0.1**	0.00	0.02	*C74*
Other endocrine	2	0.1	0.4	**0.9**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	19	0.6	3.7	**3.8**	0.25	0.28	12	0.7	2.3	**2.9**	0.19	0.19	*C81*
Non-Hodgkin lymphoma	85	2.5	16.4	**8.1**	0.45	0.88	51	2.8	9.9	**5.2**	0.33	0.58	*C82-85,C96*
Immunoproliferative diseases	5	0.1	1.0	**0.3**	0.00	0.02	4	0.2	0.8	**0.1**	0.00	0.00	*C88*
Multiple myeloma	56	1.7	10.8	**4.8**	0.24	0.59	36	2.0	7.0	**2.2**	0.10	0.26	*C90*
Lymphoid leukaemia	46	1.4	8.9	**5.4**	0.31	0.54	34	1.9	6.6	**4.6**	0.29	0.43	*C91*
Myeloid leukaemia	40	1.2	7.7	**3.5**	0.17	0.43	24	1.3	4.7	**3.7**	0.23	0.30	*C92-94*
Leukaemia unspecified	5	0.1	1.0	**0.2**	0.00	0.00	5	0.3	1.0	**1.2**	0.05	0.05	*C95*
Myeloproliferative disorders	33	1.0	6.4	**3.0**	0.18	0.36	28	1.6	5.4	**2.2**	0.11	0.24	*MPD*
Myelodysplastic syndromes	55	1.6	10.6	**3.4**	0.14	0.34	27	1.5	5.2	**1.8**	0.09	0.17	*MDS*
Other and unspecified	83	2.5	16.0	**6.2**	0.30	0.59	72	4.0	14.0	**3.8**	0.11	0.42	*O&U*
All sites	3367		648.7	**285.2**	14.97	33.77	1809		351.6	**168.4**	11.12	17.77	*C00-96*
All sites except C44	3366	100.0	648.5	**285.0**	14.96	33.76	1801	100.0	350.0	**167.5**	11.05	17.70	*C00-96 exc. C44*

Spain, Girona

REGISTRATION AREA

The Girona Cancer Registry covers the province of Girona in the north of the autonomous community of Catalonia in north-eastern Spain. At the 2007 census, the population was 697 000. The majority of residents are Caucasian. In recent years, there has been a large increase in immigration from Africa and South America, with immigrants accounting for 18.8% of the population in 2007.

CANCER CARE FACILITIES

Health care is provided predominantly by the Spanish National Health System, through district hospitals and a network of primary health care centres. Radiotherapy, cancer surgery, and chemotherapy are coordinated by the cancer centre in the city of Girona and carried out at various general hospitals.

REGISTRY STRUCTURE AND METHODS

The registry began its activities in 1995. It is funded by the Department of Health of the Government of Catalonia as part of the Oncology Coordination Plan. Cancer notification is voluntary. The death registration system is adequate and complete; every year the registry analyses all death certificates. All records are interpreted, coded, updated, and processed. The registry uses the IARC/IACR rules for multiple primary tumours. Quality control is performed using the DEPedits program. The registry applies European Network of Cancer Registries (ENCR) rules to ensure confidentiality.

INTERPRETING THE RESULTS

An organized screening programme for breast cancer was started in the registration area in 1999. There is also an opportunistic cervical cancer screening programme. The use of prostate-specific antigen (PSA) testing increased during the registration period.

USE OF THE DATA

Registry data are published in annual incidence reports, and cancer incidence data serve as a basis for health planning. Studies on both the survival and treatment of patients with specific tumours are also being carried out.

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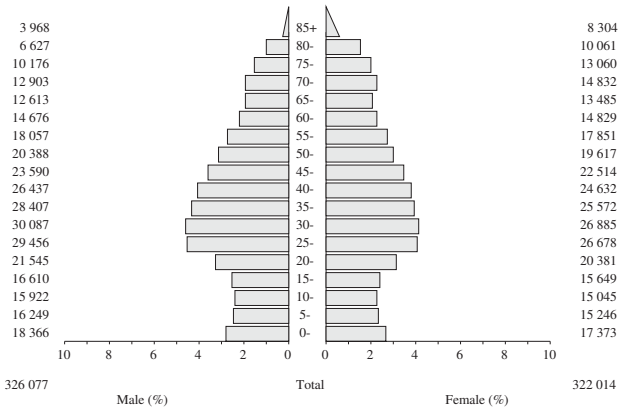
Spain, Girona (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual population estimates provided by the Spanish National Statistics Institute (INE; http://www.ine.es/inebmenu/mnu_cifraspob.htm), based on the 2001 census, with postcensal adjustments for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	76.4	Breast	67.8
Prostate	73.1	Non-melanoma skin cancer	54.1
Trachea, bronchus and lung	53.0	Colon	18.5
Bladder	37.5	Corpus uteri	12.3
Colon	32.7	Non-Hodgkin lymphoma	8.5
Rectum	15.6	Trachea, bronchus and lung	8.3
Non-Hodgkin lymphoma	12.3	Thyroid	7.2
Stomach	11.6	Ovary	7.1
Liver	10.9	Rectum	6.9
Larynx	9.4	Stomach	6.0
All sites	433.5	All sites	262.8

Spain, Girona (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	84	0.8	5.2	**2.7**	0.11	0.34	10	0.2	0.6	**0.2**	0.00	0.03	*C00*
Tongue	73	0.7	4.5	**3.0**	0.25	0.38	25	0.4	1.6	**0.8**	0.05	0.09	*C01-02*
Mouth	62	0.6	3.8	**2.5**	0.18	0.28	24	0.4	1.5	**0.7**	0.04	0.06	*C03-06*
Salivary glands	10	0.1	0.6	**0.4**	0.02	0.03	19	0.3	1.2	**0.7**	0.04	0.07	*C07-08*
Tonsil	29	0.3	1.8	**1.2**	0.11	0.15	6	0.1	0.4	**0.3**	0.02	0.03	*C09*
Other oropharynx	19	0.2	1.2	**0.8**	0.06	0.10	2	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	20	0.2	1.2	**0.9**	0.07	0.08	6	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	55	0.6	3.4	**2.5**	0.20	0.31	6	0.1	0.4	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	12	0.1	0.7	**0.5**	0.04	0.06	2	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	141	1.4	8.6	**5.8**	0.41	0.69	30	0.5	1.9	**0.9**	0.05	0.10	*C15*
Stomach	370	3.7	22.7	**11.6**	0.50	1.29	234	3.7	14.5	**6.0**	0.27	0.65	*C16*
Small intestine	21	0.2	1.3	**0.6**	0.01	0.08	15	0.2	0.9	**0.6**	0.04	0.07	*C17*
Colon	973	9.8	59.7	**32.7**	1.57	3.90	664	10.6	41.2	**18.5**	1.03	2.08	*C18*
Rectum	438	4.4	26.9	**15.6**	0.83	2.00	242	3.9	15.0	**6.9**	0.40	0.77	*C19-20*
Anus	15	0.2	0.9	**0.7**	0.05	0.07	14	0.2	0.9	**0.4**	0.03	0.04	*C21*
Liver	296	3.0	18.2	**10.9**	0.61	1.23	105	1.7	6.5	**2.7**	0.10	0.32	*C22*
Gallbladder etc.	82	0.8	5.0	**2.7**	0.12	0.30	100	1.6	6.2	**2.0**	0.07	0.19	*C23-24*
Pancreas	206	2.1	12.6	**7.3**	0.42	0.91	157	2.5	9.8	**3.8**	0.16	0.44	*C25*
Nose, sinuses etc.	14	0.1	0.9	**0.6**	0.03	0.07	8	0.1	0.5	**0.1**	0.01	0.01	*C30-31*
Larynx	229	2.3	14.0	**9.4**	0.63	1.18	6	0.1	0.4	**0.2**	0.01	0.03	*C32*
Trachea, bronchus and lung	1478	14.8	90.7	**53.0**	2.98	6.54	240	3.8	14.9	**8.3**	0.55	0.98	*C33-34*
Other thoracic organs	8	0.1	0.5	**0.3**	0.03	0.04	4	0.1	0.2	**0.2**	0.01	0.02	*C37-38*
Bone	19	0.2	1.2	**1.0**	0.06	0.08	9	0.1	0.6	**0.5**	0.03	0.04	*C40-41*
Melanoma of skin	141	1.4	8.6	**5.5**	0.37	0.57	154	2.5	9.6	**5.7**	0.39	0.58	*C43*
Other skin	2380		146.0	**76.4**	3.29	8.21	1937		120.3	**54.1**	2.75	5.94	*C44*
Mesothelioma	25	0.3	1.5	**0.9**	0.05	0.13	6	0.1	0.4	**0.2**	0.02	0.03	*C45*
Kaposi sarcoma	16	0.2	1.0	**0.7**	0.05	0.05	5	0.1	0.3	**0.3**	0.02	0.02	*C46*
Connective and soft tissue	55	0.6	3.4	**2.5**	0.15	0.22	34	0.5	2.1	**1.6**	0.09	0.14	*C47+C49*
Breast	17	0.2	1.0	**0.6**	0.03	0.06	1791	28.7	111.2	**67.8**	5.14	7.49	*C50*
Vulva							43	0.7	2.7	**1.1**	0.03	0.12	*C51*
Vagina							4	0.1	0.2	**0.1**	0.00	0.00	*C52*
Cervix uteri							143	2.3	8.9	**5.9**	0.45	0.62	*C53*
Corpus uteri							351	5.6	21.8	**12.3**	0.93	1.53	*C54*
Uterus unspecified							14	0.2	0.9	**0.4**	0.01	0.03	*C55*
Ovary							198	3.2	12.3	**7.1**	0.46	0.81	*C56*
Other female genital organs							13	0.2	0.8	**0.3**	0.01	0.03	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	24	0.2	1.5	**0.8**	0.05	0.10							*C60*
Prostate	2156	21.6	132.2	**73.1**	3.05	9.71							*C61*
Testis	102	1.0	6.3	**5.0**	0.36	0.38							*C62*
Other male genital organs	4	0.0	0.2	**0.2**	0.02	0.02							*C63*
Kidney	242	2.4	14.8	**8.9**	0.48	1.09	115	1.8	7.1	**4.1**	0.27	0.44	*C64*
Renal pelvis	19	0.2	1.2	**0.6**	0.01	0.07	10	0.2	0.6	**0.2**	0.01	0.02	*C65*
Ureter	8	0.1	0.5	**0.3**	0.00	0.03	3	0.0	0.2	**0.1**	0.00	0.00	*C66*
†Bladder	1088	10.9	66.7	**37.5**	1.87	4.42	197	3.2	12.2	**5.0**	0.25	0.51	*C67*
Other urinary organs	17	0.2	1.0	**0.6**	0.03	0.07	5	0.1	0.3	**0.1**	0.01	0.01	*C68*
Eye	10	0.1	0.6	**0.6**	0.03	0.04	6	0.1	0.4	**0.2**	0.02	0.02	*C69*
Brain, nervous system	149	1.5	9.1	**6.0**	0.36	0.62	129	2.1	8.0	**5.0**	0.31	0.52	*C70-72*
Thyroid	36	0.4	2.2	**1.6**	0.14	0.17	145	2.3	9.0	**7.2**	0.55	0.63	*C73*
Adrenal gland	2	0.0	0.1	**0.2**	0.01	0.01	3	0.0	0.2	**0.1**	0.01	0.02	*C74*
Other endocrine	3	0.0	0.2	**0.2**	0.01	0.01	3	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	55	0.6	3.4	**2.9**	0.20	0.24	36	0.6	2.2	**1.9**	0.13	0.15	*C81*
Non-Hodgkin lymphoma	304	3.1	18.6	**12.3**	0.78	1.36	236	3.8	14.7	**8.5**	0.52	0.97	*C82-85,C96*
Immunoproliferative diseases	5	0.1	0.3	**0.2**	0.00	0.02	6	0.1	0.4	**0.1**	0.01	0.01	*C88*
Multiple myeloma	100	1.0	6.1	**3.3**	0.16	0.43	88	1.4	5.5	**2.4**	0.13	0.27	*C90*
Lymphoid leukaemia	135	1.4	8.3	**6.3**	0.30	0.60	81	1.3	5.0	**3.2**	0.16	0.30	*C91*
Myeloid leukaemia	105	1.1	6.4	**4.2**	0.23	0.41	86	1.4	5.3	**3.2**	0.19	0.31	*C92-94*
Leukaemia unspecified	6	0.1	0.4	**0.1**	0.00	0.00	13	0.2	0.8	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	100	1.0	6.1	**3.8**	0.22	0.41	82	1.3	5.1	**2.6**	0.16	0.25	*MPD*
Myelodysplastic syndromes	100	1.0	6.1	**2.6**	0.04	0.20	87	1.4	5.4	**2.0**	0.08	0.20	*MDS*
Other and unspecified	288	2.9	17.7	**9.0**	0.42	0.86	235	3.8	14.6	**5.2**	0.20	0.50	*O&U*
All sites	12346		757.2	**433.5**	22.00	50.62	8187		508.5	**262.8**	16.29	28.58	*C00-96*
All sites except C44	9966	100.0	611.3	**357.0**	18.71	42.40	6250	100.0	388.2	**208.7**	13.53	22.64	*C00-96 exc. C44*
	§Includes 14 cases of unknown age						§Includes 9 cases of unknown age						

† See note following population pyramid

Spain, Granada

REGISTRATION AREA

The Granada Cancer Registry covers the province of Granada (with 168 municipalities) in the autonomous community of Andalusia in southern Spain. In 2005, the population was 863 000, with 16% of residents aged 65 years or older. Granada has one of the lowest per capita incomes in Spain.

CANCER CARE FACILITIES

Residents have free access to the public health care system, which includes four public hospitals with a total of 2029 beds. The three private hospitals (with 345 beds) serve only a small population. Few resident cases are diagnosed or treated outside the province.

REGISTRY STRUCTURE AND METHODS

The registry, established in 1985, is supported by the Andalusian Regional Health Ministry and run by the Andalusian School of Public Health. Cancer notification is voluntary. The main information sources are automated discharge files and pathology reports from all hospitals. Data collection is both active and passive. Information based on primary health care is limited. The registry uses the IARC/IACR rules for multiple primary tumours.

INTERPRETING THE RESULTS

Undiagnosed cancer cases are uncommon, due to the availability of diagnosis and treatment. Because of confidentiality laws in effect since 2000, the registry cannot access death certificates, which could slightly decrease completeness, although the percentage of death-certificate-only (DCO) cases in previous periods was low. There has been a population-based breast cancer screening programme since 1997, and opportunistic prostate-specific antigen (PSA) testing is available.

USE OF THE DATA

The registry estimates incidence, trends, and survival and publishes statistics on its website (http://cancergranada.org/). The registry also participates in multicentre international studies on cancer care and survival, including EUROCARE, the European Cancer Health Indicator Project (EUROCHIP), CONCORD, and the European Prospective Investigation into Cancer and Nutrition (EPIC).

CONTRIBUTORS

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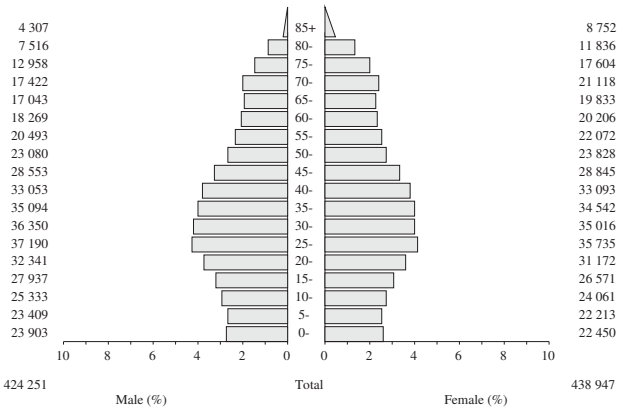
Spain, Granada (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual population estimates provided by the Spanish National Statistics Institute (INE; http://www.ine.es/inebmenu/mnu_cifraspob.htm), based on the 2001 census, with postcensal adjustments for births, deaths, and migration.

NOTES ON THE DATA

*No DCO registrations.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	83.9	Non-melanoma skin cancer	55.1
Prostate	44.1	Breast	54.8
Trachea, bronchus and lung	43.4	Corpus uteri	15.4
Bladder	32.2	Colon	13.9
Colon	21.7	Ovary	9.2
Rectum	13.9	Melanoma of skin	8.9
Stomach	10.2	Rectum	7.5
Larynx	9.8	Thyroid	6.5
Other and unspecified	9.1	Non-Hodgkin lymphoma	6.3
Non-Hodgkin lymphoma	9.0	Trachea, bronchus and lung	6.0
All sites	364.7	All sites	240.7

*Spain, Granada (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	286	3.0	13.5	**8.6**	0.50	1.08	46	0.7	2.1	**0.8**	0.02	0.09	*C00*
Tongue	63	0.7	3.0	**2.1**	0.14	0.27	28	0.4	1.3	**0.8**	0.05	0.10	*C01-02*
Mouth	60	0.6	2.8	**2.1**	0.15	0.23	24	0.4	1.1	**0.7**	0.04	0.08	*C03-06*
Salivary glands	31	0.3	1.5	**0.8**	0.04	0.08	17	0.3	0.8	**0.4**	0.02	0.04	*C07-08*
Tonsil	28	0.3	1.3	**1.0**	0.07	0.14	7	0.1	0.3	**0.2**	0.02	0.02	*C09*
Other oropharynx	15	0.2	0.7	**0.5**	0.02	0.07	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	38	0.4	1.8	**1.4**	0.10	0.17	4	0.1	0.2	**0.2**	0.01	0.01	*C11*
Hypopharynx	29	0.3	1.4	**1.0**	0.08	0.13	1	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	3	0.0	0.1	**0.1**	0.01	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	117	1.2	5.5	**3.6**	0.21	0.47	24	0.4	1.1	**0.6**	0.04	0.08	*C15*
Stomach	373	3.9	17.6	**10.2**	0.57	1.21	191	2.9	8.7	**4.2**	0.22	0.48	*C16*
Small intestine	28	0.3	1.3	**0.9**	0.05	0.11	16	0.2	0.7	**0.5**	0.04	0.06	*C17*
Colon	787	8.3	37.1	**21.7**	1.04	2.74	617	9.2	28.1	**13.9**	0.78	1.62	*C18*
Rectum	477	5.0	22.5	**13.9**	0.75	1.74	313	4.7	14.3	**7.5**	0.45	0.90	*C19-20*
Anus	10	0.1	0.5	**0.3**	0.02	0.04	13	0.2	0.6	**0.3**	0.02	0.03	*C21*
Liver	254	2.7	12.0	**7.5**	0.41	0.87	116	1.7	5.3	**2.4**	0.12	0.29	*C22*
Gallbladder etc.	110	1.2	5.2	**2.8**	0.14	0.33	174	2.6	7.9	**3.6**	0.15	0.44	*C23-24*
Pancreas	157	1.6	7.4	**4.3**	0.20	0.52	161	2.4	7.3	**3.6**	0.18	0.45	*C25*
Nose, sinuses etc.	11	0.1	0.5	**0.3**	0.02	0.03	14	0.2	0.6	**0.4**	0.03	0.05	*C30-31*
Larynx	299	3.1	14.1	**9.8**	0.66	1.29	13	0.2	0.6	**0.4**	0.04	0.05	*C32*
Trachea, bronchus and lung	1510	15.8	71.2	**43.4**	2.27	5.51	210	3.1	9.6	**6.0**	0.41	0.69	*C33-34*
Other thoracic organs	11	0.1	0.5	**0.4**	0.03	0.04	7	0.1	0.3	**0.2**	0.02	0.03	*C37-38*
Bone	26	0.3	1.2	**1.1**	0.07	0.08	10	0.1	0.5	**0.5**	0.03	0.03	*C40-41*
Melanoma of skin	205	2.2	9.7	**7.3**	0.52	0.70	265	4.0	12.1	**8.9**	0.65	0.85	*C43*
Other skin	2911		137.2	**83.9**	4.57	9.98	2247		102.4	**55.1**	3.34	6.23	*C44*
Mesothelioma	12	0.1	0.6	**0.3**	0.03	0.04	2	0.0	0.1	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	15	0.2	0.7	**0.5**	0.03	0.04	4	0.1	0.2	**0.1**	0.01	0.02	*C46*
Connective and soft tissue	62	0.7	2.9	**2.2**	0.14	0.21	53	0.8	2.4	**1.9**	0.14	0.17	*C47+C49*
Breast	21	0.2	1.0	**0.7**	0.07	0.08	1753	26.2	79.9	**54.8**	4.37	5.92	*C50*
Vulva							50	0.7	2.3	**1.0**	0.04	0.12	*C51*
Vagina							11	0.2	0.5	**0.2**	0.01	0.01	*C52*
Cervix uteri							161	2.4	7.3	**5.3**	0.45	0.53	*C53*
Corpus uteri							543	8.1	24.7	**15.4**	1.11	1.92	*C54*
Uterus unspecified							1	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							310	4.6	14.1	**9.2**	0.68	1.04	*C56*
Other female genital organs							3	0.0	0.1	**0.1**	0.01	0.01	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	42	0.4	2.0	**1.2**	0.06	0.17							*C60*
Prostate	1619	17.0	76.3	**44.1**	1.73	6.14							*C61*
Testis	89	0.9	4.2	**3.6**	0.25	0.25							*C62*
Other male genital organs	3	0.0	0.1	**0.0**	0.00	0.00							*C63*
Kidney	195	2.0	9.2	**6.4**	0.39	0.76	110	1.6	5.0	**3.1**	0.21	0.31	*C64*
Renal pelvis	39	0.4	1.8	**1.2**	0.07	0.15	16	0.2	0.7	**0.3**	0.01	0.05	*C65*
Ureter	11	0.1	0.5	**0.3**	0.01	0.04	1	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	1151	12.1	54.3	**32.2**	1.62	3.92	177	2.6	8.1	**4.0**	0.20	0.50	*C67*
Other urinary organs	5	0.1	0.2	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	15	0.2	0.7	**0.6**	0.03	0.04	8	0.1	0.4	**0.1**	0.00	0.01	*C69*
Brain, nervous system	170	1.8	8.0	**6.1**	0.42	0.67	141	2.1	6.4	**4.6**	0.28	0.46	*C70-72*
Thyroid	57	0.6	2.7	**2.1**	0.17	0.23	178	2.7	8.1	**6.5**	0.55	0.65	*C73*
Adrenal gland	9	0.1	0.4	**0.4**	0.02	0.03	10	0.1	0.5	**0.3**	0.02	0.03	*C74*
Other endocrine	4	0.0	0.2	**0.2**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	68	0.7	3.2	**2.9**	0.20	0.23	54	0.8	2.5	**2.3**	0.16	0.19	*C81*
Non-Hodgkin lymphoma	283	3.0	13.3	**9.0**	0.57	1.01	226	3.4	10.3	**6.3**	0.39	0.69	*C82-85,C96*
Immunoproliferative diseases	3	0.0	0.1	**0.1**	0.00	0.01	3	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	96	1.0	4.5	**2.7**	0.14	0.32	100	1.5	4.6	**2.4**	0.14	0.29	*C90*
Lymphoid leukaemia	108	1.1	5.1	**3.6**	0.18	0.32	74	1.1	3.4	**2.4**	0.11	0.23	*C91*
Myeloid leukaemia	124	1.3	5.8	**3.8**	0.21	0.40	93	1.4	4.2	**2.7**	0.16	0.24	*C92-94*
Leukaemia unspecified	3	0.0	0.1	**0.1**	0.01	0.01	3	0.0	0.1	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	37	0.4	1.7	**1.2**	0.08	0.14	25	0.4	1.1	**0.7**	0.05	0.07	*MPD*
Myelodysplastic syndromes	30	0.3	1.4	**0.7**	0.01	0.06	27	0.4	1.2	**0.5**	0.02	0.03	*MDS*
Other and unspecified	334	3.5	15.7	**9.1**	0.44	1.09	279	4.2	12.7	**5.1**	0.21	0.52	*O&U*
All sites	12444		586.6	**364.7**	19.54	44.26	8937		407.2	**240.7**	16.00	26.65	*C00-96*
All sites except C44	9533	100.0	449.4	**280.8**	14.97	34.28	6690	100.0	304.8	**185.6**	12.66	20.42	*C00-96 exc. C44*

*See note following population pyramid

Spain, La Rioja

REGISTRATION AREA

The La Rioja Cancer Registry covers the autonomous community of La Rioja in northern Spain. The population accounts for 1% of the total Spanish population. Most residents are Catholic, and almost all are White.

CANCER CARE FACILITIES

Most of the population is covered by the public health system. The major cancer care facilities in La Rioja are the public hospital complex of San Millán-San Pedro (which provides cancer surgery and chemotherapy), the publicly owned and privately managed Calahorra Hospital Foundation (which provides cancer surgery), the private Los Manzanos Hospital (which provides cancer surgery), and the public General Hospital of La Rioja (which provides radiotherapy). Some patients with lung cancer or nervous system malignancies are referred for treatment in other regions. Palliative care mobile units have been operating since 2001, and there is one private pathology laboratory.

REGISTRY STRUCTURE AND METHODS

The registry was established by law in 1993 and complies with Organic Law 15/1999 relating to the protection of personal data. The registry is administered by the Epidemiology and Health Promotion Service of the Health and Social Services Department of the Government of La Rioja, and is staffed by a full-time physician, a part-time administrative professional, and a part-time nurse. Data collection is active, through review of paper medical records. Since 2004, the registry has also had online access to electronic medical records. Quality control is performed routinely, through internal validity checks and using the IARCcrgTools program.

INTERPRETING THE RESULTS

The observed increase in prostate cancer may be due to the increase in opportunistic prostate-specific antigen (PSA) testing. There is also a breast cancer screening programme.

USE OF THE DATA

The registry publishes annual incidence reports. Registry data are used to evaluate the impact of the area's screening programmes, and the registry is involved in several research studies, including a study on rare tumours in Spain.

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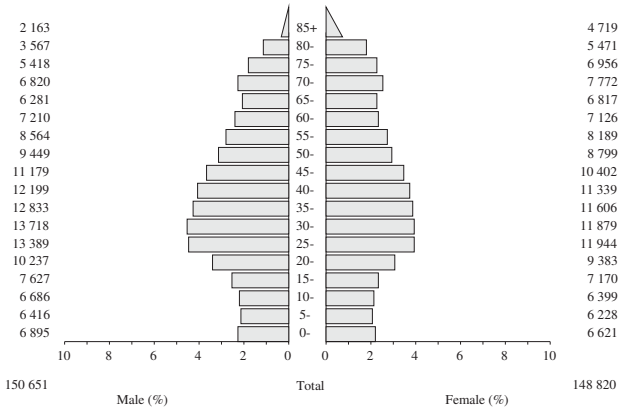
Spain, La Rioja (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2002–2011 population estimates provided by the Spanish National Statistics Institute (INE; http://www.ine.es/inebmenu/mnu_cifraspob.htm).

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	70.9	Breast	65.9
Trachea, bronchus and lung	42.1	Colon	15.6
Bladder	31.6	Corpus uteri	13.6
Colon	24.4	Rectum	8.5
Rectum	16.2	Ovary	7.5
Stomach	14.0	Melanoma of skin	6.4
Larynx	10.4	Trachea, bronchus and lung	6.0
Liver	9.7	Cervix uteri	5.9
Kidney	9.5	Thyroid	5.6
Non-Hodgkin lymphoma	8.4	Stomach	5.4
All sites	312.9	All sites	190.6

Spain, La Rioja (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	32	0.7	4.2	**1.8**	0.03	0.22	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	21	0.5	2.8	**1.6**	0.12	0.15	9	0.3	1.2	**0.6**	0.05	0.07	*C01-02*
Mouth	18	0.4	2.4	**1.4**	0.09	0.15	8	0.3	1.1	**0.3**	0.01	0.01	*C03-06*
Salivary glands	7	0.2	0.9	**0.5**	0.01	0.07	2	0.1	0.3	**0.1**	0.01	0.01	*C07-08*
Tonsil	7	0.2	0.9	**0.6**	0.05	0.08	2	0.1	0.3	**0.1**	0.01	0.01	*C09*
Other oropharynx	5	0.1	0.7	**0.5**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	7	0.2	0.9	**0.7**	0.09	0.09	2	0.1	0.3	**0.1**	0.01	0.01	*C11*
Hypopharynx	28	0.6	3.7	**2.5**	0.20	0.29	3	0.1	0.4	**0.3**	0.03	0.04	*C12-13*
Pharynx unspecified	7	0.2	0.9	**0.6**	0.04	0.10	2	0.1	0.3	**0.0**	0.00	0.00	*C14*
Oesophagus	64	1.4	8.5	**4.8**	0.32	0.58	10	0.4	1.3	**0.6**	0.03	0.06	*C15*
Stomach	205	4.6	27.2	**14.0**	0.79	1.60	113	4.0	15.2	**5.4**	0.25	0.56	*C16*
Small intestine	11	0.2	1.5	**0.7**	0.02	0.08	3	0.1	0.4	**0.3**	0.02	0.04	*C17*
Colon	380	8.5	50.4	**24.4**	1.04	2.89	299	10.6	40.2	**15.6**	0.79	1.85	*C18*
Rectum	251	5.6	33.3	**16.2**	0.69	1.95	129	4.6	17.3	**8.5**	0.55	1.00	*C19-20*
Anus	2	0.0	0.3	**0.1**	0.01	0.01	6	0.2	0.8	**0.4**	0.03	0.05	*C21*
Liver	140	3.1	18.6	**9.7**	0.54	1.22	56	2.0	7.5	**2.8**	0.12	0.34	*C22*
Gallbladder etc.	51	1.1	6.8	**2.9**	0.06	0.31	63	2.2	8.5	**2.7**	0.11	0.31	*C23-24*
Pancreas	122	2.7	16.2	**8.3**	0.43	1.00	100	3.5	13.4	**4.6**	0.17	0.57	*C25*
Nose, sinuses etc.	12	0.3	1.6	**1.0**	0.06	0.12	3	0.1	0.4	**0.1**	0.00	0.00	*C30-31*
Larynx	128	2.9	17.0	**10.4**	0.82	1.20	8	0.3	1.1	**0.5**	0.03	0.05	*C32*
Trachea, bronchus and lung	592	13.2	78.6	**42.1**	2.41	5.03	89	3.2	12.0	**6.0**	0.37	0.65	*C33-34*
Other thoracic organs	6	0.1	0.8	**0.4**	0.03	0.05	2	0.1	0.3	**0.1**	0.01	0.01	*C37-38*
Bone	4	0.1	0.5	**0.9**	0.05	0.05	8	0.3	1.1	**0.7**	0.06	0.08	*C40-41*
Melanoma of skin	79	1.8	10.5	**6.6**	0.52	0.70	78	2.8	10.5	**6.4**	0.42	0.70	*C43*
Other skin	9		1.2	**0.6**	0.03	0.06	7		0.9	**0.6**	0.04	0.05	*C44*
Mesothelioma	5	0.1	0.7	**0.5**	0.04	0.05	4	0.1	0.5	**0.2**	0.00	0.04	*C45*
Kaposi sarcoma	4	0.1	0.5	**0.3**	0.02	0.05	1	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	24	0.5	3.2	**1.9**	0.13	0.21	22	0.8	3.0	**1.5**	0.11	0.17	*C47+C49*
Breast	7	0.2	0.9	**0.5**	0.04	0.06	817	28.9	109.8	**65.9**	5.27	6.99	*C50*
Vulva							22	0.8	3.0	**0.8**	0.02	0.06	*C51*
Vagina							2	0.1	0.3	**0.1**	0.01	0.01	*C52*
Cervix uteri							63	2.2	8.5	**5.9**	0.48	0.59	*C53*
Corpus uteri							190	6.7	25.5	**13.6**	0.96	1.64	*C54*
Uterus unspecified							9	0.3	1.2	**0.3**	0.01	0.02	*C55*
Ovary							103	3.6	13.8	**7.5**	0.51	0.86	*C56*
Other female genital organs							4	0.1	0.5	**0.2**	0.01	0.01	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	11	0.2	1.5	**0.6**	0.02	0.05							*C60*
Prostate	1090	24.4	144.7	**70.9**	2.91	9.61							*C61*
Testis	34	0.8	4.5	**3.8**	0.27	0.27							*C62*
Other male genital organs	2	0.0	0.3	**0.2**	0.03	0.03							*C63*
Kidney	126	2.8	16.7	**9.5**	0.63	1.08	50	1.8	6.7	**3.4**	0.18	0.34	*C64*
Renal pelvis	20	0.4	2.7	**1.7**	0.14	0.21	5	0.2	0.7	**0.4**	0.04	0.05	*C65*
Ureter	8	0.2	1.1	**0.6**	0.03	0.08	3	0.1	0.4	**0.1**	0.00	0.00	*C66*
†Bladder	482	10.8	64.0	**31.6**	1.42	3.80	90	3.2	12.1	**4.9**	0.25	0.52	*C67*
Other urinary organs	7	0.2	0.9	**0.5**	0.02	0.05	2	0.1	0.3	**0.0**	0.00	0.00	*C68*
Eye	7	0.2	0.9	**0.9**	0.07	0.07	5	0.2	0.7	**0.2**	0.00	0.04	*C69*
Brain, nervous system	68	1.5	9.0	**5.7**	0.32	0.67	45	1.6	6.0	**3.0**	0.16	0.32	*C70-72*
Thyroid	12	0.3	1.6	**1.2**	0.09	0.11	57	2.0	7.7	**5.6**	0.46	0.56	*C73*
Adrenal gland	1	0.0	0.1	**0.1**	0.01	0.01	2	0.1	0.3	**0.4**	0.02	0.03	*C74*
Other endocrine	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	15	0.3	2.0	**1.5**	0.11	0.13	13	0.5	1.7	**1.8**	0.13	0.13	*C81*
Non-Hodgkin lymphoma	103	2.3	13.7	**8.4**	0.52	0.83	77	2.7	10.3	**5.1**	0.32	0.61	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.01	*C88*
Multiple myeloma	32	0.7	4.2	**2.4**	0.12	0.29	41	1.5	5.5	**2.6**	0.17	0.30	*C90*
Lymphoid leukaemia	30	0.7	4.0	**3.1**	0.18	0.30	25	0.9	3.4	**2.2**	0.12	0.19	*C91*
Myeloid leukaemia	33	0.7	4.4	**2.8**	0.16	0.27	24	0.8	3.2	**2.1**	0.11	0.21	*C92-94*
Leukaemia unspecified	7	0.2	0.9	**0.4**	0.01	0.04	9	0.3	1.2	**0.4**	0.01	0.03	*C95*
Myeloproliferative disorders	28	0.6	3.7	**1.9**	0.10	0.18	10	0.4	1.3	**0.3**	0.00	0.03	*MPD*
Myelodysplastic syndromes	23	0.5	3.1	**1.2**	0.04	0.13	19	0.7	2.6	**0.8**	0.02	0.06	*MDS*
Other and unspecified	116	2.6	15.4	**7.1**	0.32	0.71	114	4.0	15.3	**4.2**	0.17	0.31	*O&U*
All sites	4485		595.4	**312.9**	16.28	37.37	2831		380.5	**190.6**	12.66	20.59	*C00-96*
All sites except C44	4476	100.0	594.2	**312.3**	16.24	37.31	2824	100.0	379.5	**190.0**	12.62	20.54	*C00-96 exc. C44*

† See note following population pyramid

Spain, Mallorca

REGISTRATION AREA

The Mallorca Cancer Registry covers the Spanish island of Mallorca, the largest of the Balearic Islands. In 2005, the population was 776 000 (23.9% born in other Spanish regions and 17.5% in other countries).

CANCER CARE FACILITIES

The Balearic Islands Health Services is part of the Spanish National Health System and covers 95% of the population, through a network of 40 primary health care centres and three public hospitals. There are also four private hospitals, and 29% of residents have private health insurance. All three public hospitals have oncology departments. Two hospitals (one private, one public) have radiotherapy services.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1988 by a non-profit organization (the Colorectal Cancer Study Group) and was funded by the regional government until 2008, when it became part of the Balearic Islands Public Health Department. The registry staff includes a full-time epidemiologist and physician, two part-time nurses, and a clerk. Notification of cancer is voluntary. Data collection is mostly passive, although active collection is performed for some cases. The registry has electronic access to primary health care and public hospital clinical records, and has had access to death certificates since 2008.

INTERPRETING THE RESULTS

A population-based screening programme for breast cancer was established among women aged 50–64 years in 1998, and was extended to women aged up to 69 years by 2007. An opportunistic screening programme for cervical cancer was established in 2003. Prostate-specific antigen (PSA) testing is very common, both within primary health care settings and in urological consultations.

USE OF THE DATA

The registry participated in volumes VII and VIII of *Cancer Incidence in Five Continents* and in EUROCARE-2, and is a founding member of the Spanish network of cancer registries (REDECAN), created in 2010. It provides support to cancer researchers working in the private and public health sectors at the local and national level, for either clinical or epidemiological purposes. The registry actively collaborates with other Spanish registries and also produces and publishes its own research.

CONTRIBUTORS

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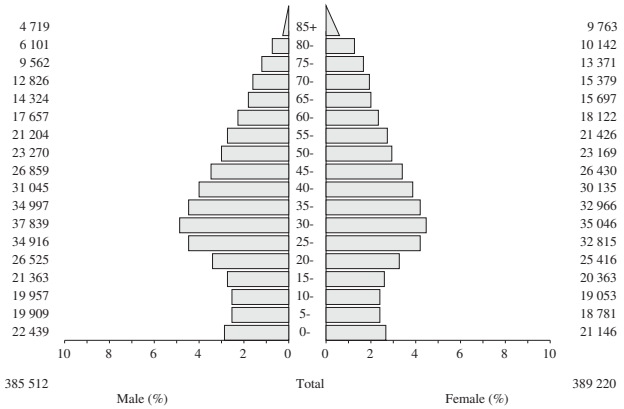
Spain, Mallorca (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual population estimates provided by the Spanish National Statistics Institute (INE; http://www.ine.es/inebmenu/mnu_cifraspob.htm), based on the 2001 census, with postcensal adjustments for births, deaths, and migration for the Balearic Islands weighted to reflect the population size of Mallorca.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	67.4	Breast	59.7
Trachea, bronchus and lung	59.5	Colon	16.6
Bladder	44.5	Trachea, bronchus and lung	11.4
Colon	25.7	Corpus uteri	11.3
Rectum	16.3	Ovary	7.9
Non-Hodgkin lymphoma	10.4	Cervix uteri	7.9
Liver	10.0	Non-Hodgkin lymphoma	7.8
Larynx	9.6	Rectum	7.2
Kidney	9.3	Melanoma of skin	6.7
Stomach	8.0	Thyroid	5.8
All sites	352.4	All sites	204.1

Spain, Mallorca (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	89	0.9	4.6	**2.8**	0.15	0.30	15	0.2	0.8	**0.4**	0.00	0.05	*C00*
Tongue	78	0.8	4.0	**3.1**	0.22	0.39	28	0.4	1.4	**0.8**	0.05	0.10	*C01-02*
Mouth	89	0.9	4.6	**3.2**	0.24	0.35	42	0.6	2.2	**1.3**	0.11	0.14	*C03-06*
Salivary glands	18	0.2	0.9	**0.6**	0.04	0.05	9	0.1	0.5	**0.3**	0.02	0.02	*C07-08*
Tonsil	34	0.3	1.8	**1.3**	0.12	0.14	12	0.2	0.6	**0.4**	0.03	0.06	*C09*
Other oropharynx	25	0.2	1.3	**1.0**	0.10	0.12	4	0.1	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	31	0.3	1.6	**1.2**	0.09	0.13	5	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	53	0.5	2.7	**2.1**	0.19	0.25	7	0.1	0.4	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	11	0.1	0.6	**0.4**	0.03	0.05	2	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	139	1.4	7.2	**5.0**	0.37	0.62	26	0.4	1.3	**0.8**	0.07	0.10	*C15*
Stomach	247	2.4	12.8	**8.0**	0.41	0.93	173	2.6	8.9	**4.3**	0.20	0.52	*C16*
Small intestine	19	0.2	1.0	**0.7**	0.04	0.07	21	0.3	1.1	**0.6**	0.04	0.06	*C17*
Colon	823	8.1	42.7	**25.7**	1.13	3.14	652	9.8	33.5	**16.6**	0.87	1.93	*C18*
Rectum	500	4.9	25.9	**16.3**	0.87	2.04	269	4.1	13.8	**7.2**	0.38	0.88	*C19-20*
Anus	29	0.3	1.5	**1.0**	0.07	0.10	18	0.3	0.9	**0.5**	0.03	0.07	*C21*
Liver	281	2.8	14.6	**10.0**	0.55	1.20	114	1.7	5.9	**2.7**	0.09	0.34	*C22*
Gallbladder etc.	84	0.8	4.4	**2.4**	0.08	0.26	126	1.9	6.5	**2.3**	0.06	0.20	*C23-24*
Pancreas	229	2.3	11.9	**7.7**	0.43	0.90	175	2.6	9.0	**4.3**	0.22	0.49	*C25*
Nose, sinuses etc.	9	0.1	0.5	**0.4**	0.02	0.03	9	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	258	2.5	13.4	**9.6**	0.68	1.22	17	0.3	0.9	**0.5**	0.04	0.05	*C32*
Trachea, bronchus and lung	1755	17.3	91.0	**59.5**	3.37	7.55	352	5.3	18.1	**11.4**	0.84	1.32	*C33-34*
Other thoracic organs	12	0.1	0.6	**0.4**	0.04	0.05	14	0.2	0.7	**0.6**	0.04	0.05	*C37-38*
Bone	17	0.2	0.9	**0.8**	0.05	0.07	15	0.2	0.8	**0.8**	0.06	0.06	*C40-41*
Melanoma of skin	185	1.8	9.6	**6.7**	0.44	0.73	187	2.8	9.6	**6.7**	0.51	0.69	*C43*
Other skin	260		13.5	**7.7**	0.26	0.80	163		8.4	**3.7**	0.18	0.41	*C44*
Mesothelioma	11	0.1	0.6	**0.4**	0.02	0.05	9	0.1	0.5	**0.2**	0.02	0.03	*C45*
Kaposi sarcoma	27	0.3	1.4	**1.0**	0.07	0.10	1	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	48	0.5	2.5	**1.8**	0.11	0.18	31	0.5	1.6	**1.2**	0.09	0.11	*C47+C49*
Breast	18	0.2	0.9	**0.6**	0.04	0.05	1801	27.1	92.5	**59.7**	4.53	6.48	*C50*
Vulva							68	1.0	3.5	**1.5**	0.09	0.14	*C51*
Vagina							8	0.1	0.4	**0.3**	0.02	0.03	*C52*
Cervix uteri							224	3.4	11.5	**7.9**	0.64	0.76	*C53*
Corpus uteri							374	5.6	19.2	**11.3**	0.77	1.44	*C54*
Uterus unspecified							12	0.2	0.6	**0.2**	0.01	0.01	*C55*
Ovary							251	3.8	12.9	**7.9**	0.51	0.90	*C56*
Other female genital organs							14	0.2	0.7	**0.3**	0.01	0.04	*C57*
Placenta							1	0.0	0.1	**0.0**	0.00	0.00	*C58*
Penis	35	0.3	1.8	**1.1**	0.05	0.13							*C60*
Prostate	2038	20.0	105.7	**67.4**	3.08	9.16							*C61*
Testis	111	1.1	5.8	**4.6**	0.33	0.35							*C62*
Other male genital organs	3	0.0	0.2	**0.1**	0.00	0.00							*C63*
Kidney	248	2.4	12.9	**9.3**	0.61	1.07	106	1.6	5.4	**3.5**	0.22	0.37	*C64*
Renal pelvis	24	0.2	1.2	**0.7**	0.03	0.09	19	0.3	1.0	**0.4**	0.01	0.05	*C65*
Ureter	14	0.1	0.7	**0.4**	0.02	0.06	2	0.0	0.1	**0.1**	0.01	0.01	*C66*
†Bladder	1349	13.3	70.0	**44.5**	2.34	5.52	218	3.3	11.2	**5.3**	0.29	0.56	*C67*
Other urinary organs	12	0.1	0.6	**0.3**	0.01	0.04	8	0.1	0.4	**0.2**	0.00	0.02	*C68*
Eye	8	0.1	0.4	**0.3**	0.01	0.02	12	0.2	0.6	**0.4**	0.03	0.04	*C69*
Brain, nervous system	144	1.4	7.5	**5.5**	0.35	0.55	105	1.6	5.4	**4.0**	0.24	0.36	*C70-72*
Thyroid	47	0.5	2.4	**1.7**	0.13	0.18	140	2.1	7.2	**5.8**	0.46	0.57	*C73*
Adrenal gland	6	0.1	0.3	**0.3**	0.02	0.02	9	0.1	0.5	**0.4**	0.02	0.03	*C74*
Other endocrine	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	58	0.6	3.0	**2.6**	0.18	0.22	51	0.8	2.6	**2.5**	0.15	0.19	*C81*
Non-Hodgkin lymphoma	279	2.7	14.5	**10.4**	0.66	1.06	255	3.8	13.1	**7.8**	0.47	0.85	*C82-85,C96*
Immunoproliferative diseases	8	0.1	0.4	**0.2**	0.00	0.03	9	0.1	0.5	**0.2**	0.02	0.03	*C88*
Multiple myeloma	110	1.1	5.7	**3.6**	0.20	0.43	92	1.4	4.7	**2.4**	0.12	0.32	*C90*
Lymphoid leukaemia	97	1.0	5.0	**3.9**	0.21	0.39	90	1.4	4.6	**3.3**	0.18	0.29	*C91*
Myeloid leukaemia	110	1.1	5.7	**4.0**	0.21	0.41	65	1.0	3.3	**1.8**	0.10	0.16	*C92-94*
Leukaemia unspecified	12	0.1	0.6	**0.3**	0.01	0.01	13	0.2	0.7	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	52	0.5	2.7	**1.7**	0.08	0.19	87	1.3	4.5	**2.4**	0.12	0.27	*MPD*
Myelodysplastic syndromes	98	1.0	5.1	**2.5**	0.05	0.21	77	1.2	4.0	**1.4**	0.04	0.12	*MDS*
Other and unspecified	188	1.8	9.8	**5.7**	0.25	0.56	191	2.9	9.8	**4.1**	0.18	0.37	*O&U*
All sites	10431		541.1	**352.4**	19.08	42.55	6798		349.3	**204.1**	13.29	22.21	*C00-96*
All sites except C44	10171	100.0	527.7	**344.7**	18.82	41.76	6635	100.0	340.9	**200.4**	13.12	21.81	*C00-96 exc. C44*
	§Includes 49 cases of unknown age						§Includes 23 cases of unknown age						

† See note following population pyramid

Spain, Murcia

REGISTRATION AREA

The Murcia Cancer Registry (RCM) covers the Region of Murcia, an autonomous community in south-eastern Spain. In 2005, the population was 1.3 million (17% children). About 11% of working residents work in agriculture, 62% in services, and 27% in industry.

CANCER CARE FACILITIES

Primary health care and hospital services are provided through the Spanish National Health System. The region has six health districts, each with at least one public hospital. There are 25 hospitals in total (12 public and 13 private), with 4317 beds (73% in public hospitals).

REGISTRY STRUCTURE AND METHODS

The RCM was established in 1981 as a project of the Murcia Ministry of Health. Case ascertainment is based on information from hospitals and pathology services. RCM staff members also visit health centres and check clinical documentation. The registry has recently received online access to clinical records. The RCM also receives notifications from the Spanish National Childhood Cancer Registry and the social security service. The proportions of death-certificate-only (DCO) cases are used for monitoring quality control.

INTERPRETING THE RESULTS

There is an opportunistic screening programme for cervical cancer, and 65% of women have undergone cytology screening at some point. Opportunistic prostate-specific antigen (PSA) testing is also available. Population-based screening for breast cancer started in 1995, with a 71% participation rate. A screening programme for colorectal cancer was initiated in 2005 in two health districts, with a 51% participation rate.

USE OF THE DATA

The RCM's main purpose is to estimate cancer incidence and survival in the region. Data are also used for the planning and evaluation of cancer control programmes. The RCM has participated in multicentre studies, such as the European Prospective Investigation into Cancer and Nutrition (EPIC) and EUROCARE. The RCM is a member of the Iberoamerican network of epidemiology and cancer information systems (REDEPICAN).

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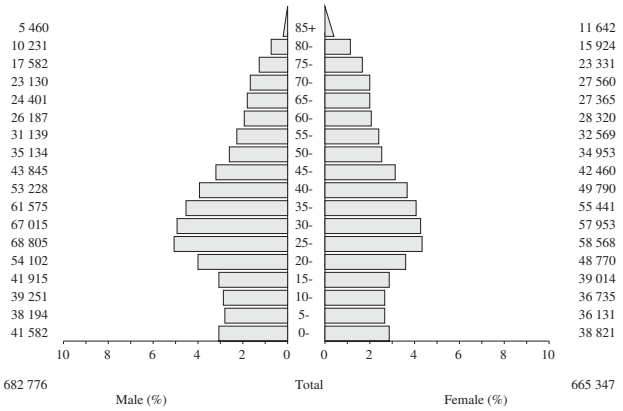
Spain, Murcia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Annual population estimates provided by the Spanish National Statistics Institute (INE; http://www.ine.es/inebmenu/mnu_cifraspob.htm), based on the 2001 census, with postcensal adjustments for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	61.2	Breast	59.6
Trachea, bronchus and lung	52.9	Colon	18.7
Bladder	37.9	Corpus uteri	15.9
Colon	28.1	Thyroid	8.8
Rectum	14.8	Rectum	8.6
Larynx	11.2	Ovary	8.6
Stomach	10.6	Non-Hodgkin lymphoma	7.2
Non-Hodgkin lymphoma	10.3	Cervix uteri	7.1
Liver	7.4	Melanoma of skin	7.0
Other and unspecified	7.3	Trachea, bronchus and lung	6.5
All sites	329.5	All sites	206.6

Spain, Murcia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	140	0.9	4.1	**2.7**	0.15	0.30	16	0.1	0.5	**0.2**	0.01	0.02	*C00*
Tongue	143	0.9	4.2	**3.3**	0.24	0.38	57	0.5	1.7	**1.0**	0.07	0.13	*C01-02*
Mouth	110	0.7	3.2	**2.6**	0.20	0.31	47	0.4	1.4	**0.7**	0.03	0.09	*C03-06*
Salivary glands	48	0.3	1.4	**0.9**	0.06	0.09	33	0.3	1.0	**0.7**	0.04	0.06	*C07-08*
Tonsil	33	0.2	1.0	**0.8**	0.06	0.09	5	0.0	0.2	**0.1**	0.01	0.01	*C09*
Other oropharynx	14	0.1	0.4	**0.3**	0.03	0.04	1	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	36	0.2	1.1	**0.9**	0.06	0.10	9	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	58	0.4	1.7	**1.5**	0.13	0.18	2	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	15	0.1	0.4	**0.4**	0.03	0.05	2	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	179	1.1	5.2	**4.0**	0.30	0.47	25	0.2	0.8	**0.4**	0.03	0.04	*C15*
Stomach	556	3.5	16.3	**10.6**	0.50	1.20	346	3.2	10.4	**5.3**	0.29	0.53	*C16*
Small intestine	57	0.4	1.7	**1.2**	0.07	0.14	38	0.4	1.1	**0.6**	0.02	0.06	*C17*
Colon	1445	9.0	42.3	**28.1**	1.32	3.36	1184	11.0	35.6	**18.7**	0.94	2.19	*C18*
Rectum	728	4.5	21.3	**14.8**	0.81	1.85	476	4.4	14.3	**8.6**	0.55	1.02	*C19-20*
Anus	29	0.2	0.8	**0.6**	0.05	0.07	15	0.1	0.5	**0.2**	0.02	0.02	*C21*
Liver	368	2.3	10.8	**7.4**	0.36	0.87	165	1.5	5.0	**2.4**	0.09	0.26	*C22*
Gallbladder etc.	102	0.6	3.0	**1.8**	0.07	0.20	145	1.3	4.4	**1.9**	0.06	0.21	*C23-24*
Pancreas	359	2.2	10.5	**7.2**	0.38	0.84	281	2.6	8.4	**4.1**	0.18	0.49	*C25*
Nose, sinuses etc.	21	0.1	0.6	**0.5**	0.04	0.06	9	0.1	0.3	**0.2**	0.01	0.03	*C30-31*
Larynx	498	3.1	14.6	**11.2**	0.80	1.36	30	0.3	0.9	**0.6**	0.04	0.07	*C32*
Trachea, bronchus and lung	2572	16.1	75.3	**52.9**	2.91	6.58	339	3.1	10.2	**6.5**	0.44	0.76	*C33-34*
Other thoracic organs	30	0.2	0.9	**0.8**	0.04	0.05	15	0.1	0.5	**0.3**	0.03	0.04	*C37-38*
Bone	32	0.2	0.9	**0.9**	0.06	0.07	32	0.3	1.0	**1.0**	0.06	0.08	*C40-41*
Melanoma of skin	308	1.9	9.0	**6.7**	0.43	0.71	328	3.0	9.9	**7.0**	0.52	0.74	*C43*
Other skin	89		2.6	**1.7**	0.09	0.18	63		1.9	**1.1**	0.07	0.11	*C44*
Mesothelioma	24	0.1	0.7	**0.5**	0.04	0.06	17	0.2	0.5	**0.4**	0.03	0.05	*C45*
Kaposi sarcoma	23	0.1	0.7	**0.5**	0.05	0.05	5	0.0	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	85	0.5	2.5	**2.0**	0.13	0.22	70	0.7	2.1	**1.6**	0.13	0.16	*C47+C49*
Breast	33	0.2	1.0	**0.7**	0.04	0.09	2827	26.3	85.0	**59.6**	4.48	6.57	*C50*
Vulva							66	0.6	2.0	**1.0**	0.03	0.12	*C51*
Vagina							14	0.1	0.4	**0.2**	0.01	0.02	*C52*
Cervix uteri							317	2.9	9.5	**7.1**	0.57	0.71	*C53*
Corpus uteri							789	7.3	23.7	**15.9**	1.11	1.97	*C54*
Uterus unspecified							10	0.1	0.3	**0.1**	0.00	0.01	*C55*
Ovary							417	3.9	12.5	**8.6**	0.58	0.94	*C56*
Other female genital organs							14	0.1	0.4	**0.3**	0.01	0.03	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	68	0.4	2.0	**1.3**	0.07	0.15							*C60*
Prostate	3169	19.8	92.8	**61.2**	2.42	7.93							*C61*
Testis	162	1.0	4.7	**3.7**	0.27	0.28							*C62*
Other male genital organs	3	0.0	0.1	**0.0**	0.00	0.00							*C63*
Kidney	293	1.8	8.6	**6.4**	0.41	0.71	127	1.2	3.8	**2.4**	0.14	0.27	*C64*
Renal pelvis	56	0.3	1.6	**1.0**	0.04	0.11	17	0.2	0.5	**0.3**	0.02	0.04	*C65*
Ureter	20	0.1	0.6	**0.4**	0.01	0.04	3	0.0	0.1	**0.1**	0.00	0.01	*C66*
†Bladder	1921	12.0	56.3	**37.9**	1.91	4.48	309	2.9	9.3	**4.8**	0.23	0.50	*C67*
Other urinary organs	19	0.1	0.6	**0.4**	0.02	0.05	7	0.1	0.2	**0.2**	0.01	0.02	*C68*
Eye	19	0.1	0.6	**0.5**	0.02	0.05	22	0.2	0.7	**0.7**	0.05	0.05	*C69*
Brain, nervous system	233	1.5	6.8	**5.6**	0.37	0.58	237	2.2	7.1	**5.2**	0.34	0.55	*C70-72*
Thyroid	103	0.6	3.0	**2.5**	0.20	0.26	363	3.4	10.9	**8.8**	0.75	0.87	*C73*
Adrenal gland	11	0.1	0.3	**0.4**	0.02	0.03	12	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	5	0.0	0.1	**0.1**	0.01	0.01	7	0.1	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	99	0.6	2.9	**2.6**	0.18	0.20	71	0.7	2.1	**1.8**	0.12	0.15	*C81*
Non-Hodgkin lymphoma	473	3.0	13.9	**10.3**	0.65	1.13	366	3.4	11.0	**7.2**	0.48	0.78	*C82-85,C96*
Immunoproliferative diseases	5	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	190	1.2	5.6	**3.7**	0.17	0.47	171	1.6	5.1	**2.7**	0.12	0.34	*C90*
Lymphoid leukaemia	264	1.6	7.7	**6.8**	0.32	0.62	190	1.8	5.7	**4.0**	0.19	0.36	*C91*
Myeloid leukaemia	205	1.3	6.0	**4.4**	0.22	0.44	135	1.3	4.1	**2.7**	0.15	0.26	*C92-94*
Leukaemia unspecified	25	0.2	0.7	**0.4**	0.01	0.03	19	0.2	0.6	**0.3**	0.02	0.02	*C95*
Myeloproliferative disorders	79	0.5	2.3	**1.7**	0.11	0.19	57	0.5	1.7	**1.0**	0.06	0.11	*MPD*
Myelodysplastic syndromes	177	1.1	5.2	**3.1**	0.08	0.31	181	1.7	5.4	**2.9**	0.12	0.30	*MDS*
Other and unspecified	374	2.3	11.0	**7.3**	0.37	0.79	321	3.0	9.6	**4.3**	0.18	0.42	*O&U*
All sites	16108		471.8	**329.5**	17.30	38.85	10826		325.4	**206.6**	13.47	22.67	*C00-96*
All sites except C44	16019	100.0	469.2	**327.8**	17.22	38.66	10763	100.0	323.5	**205.5**	13.40	22.56	*C00-96 exc. C44*

† See note following population pyramid

Spain, Navarra

REGISTRATION AREA

The Navarra Cancer Registry covers the autonomous community of Navarra in northern Spain. In 2005, the population was 593 000, with 14% aged less than 15 years and 17.5% aged more than 65 years. About 50% of residents live in Pamplona (the capital) and the surrounding area (and 33% live in Pamplona proper).

CANCER CARE FACILITIES

The public health system covers 95% of the population. There are three areas with referral hospitals. Cancer care is based on primary prevention (promotion of healthy lifestyles), secondary prevention (screening for breast cancer), and tertiary prevention. All patients suspected to have cancer receive the appropriate diagnostic tests. Cancer treatment and follow-up is provided by both the public and the private sectors.

REGISTRY STRUCTURE AND METHODS

The registry is staffed by an epidemiologist, two nurses (who collect and code the data), and an administrative assistant. An advisory committee also works with the registry. Notification of cancer cases is voluntary. Data are actively collected from the records of pathology, haematology, radiotherapy, and oncology services. Incidence data are complemented with information from the mortality registry. Data are collected using forms and stored electronically. The registry routinely performs quality checks, and uses the IARC/IACR rules for multiple primary tumours. Since 2003, data have been coded according to ICD-O-3.

INTERPRETING THE RESULTS

During the registration period there were no changes in the area covered or the availability of diagnostic or treatment services.

USE OF THE DATA

The registry publishes periodic incidence reports. It also promotes and facilitates research and provides information required for the planning and evaluation of activities and programmes against cancer. The registry collaborates on major multicentre studies such as the European Prospective Investigation into Cancer and Nutrition (EPIC), MCC-SPAIN, EUROCARE, and EUROPREVAL. Registry data are submitted to various IARC initiatives, such as *Cancer Incidence in Five Continents*, the European Cancer Incidence and Mortality (EUROCIM) database, and the Automated Childhood Cancer Information System (ACCIS).

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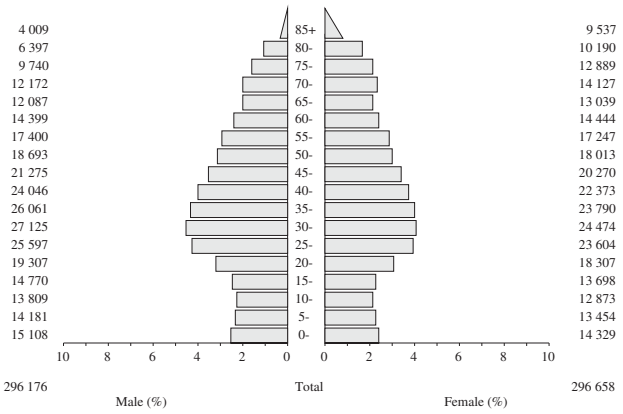
Spain, Navarra (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Statistics Institute of Navarre, which is run by the Government of Navarra.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	88.7	Non-melanoma skin cancer	79.7
Prostate	64.2	Breast	69.6
Trachea, bronchus and lung	50.5	Colon	15.8
Bladder	39.8	Corpus uteri	13.5
Colon	26.8	Thyroid	9.2
Rectum	17.1	Trachea, bronchus and lung	8.9
Stomach	14.3	Melanoma of skin	8.6
Larynx	11.0	Rectum	8.3
Non-Hodgkin lymphoma	10.5	Non-Hodgkin lymphoma	7.7
Kidney	8.8	Ovary	7.5
All sites	423.0	All sites	292.6

Spain, Navarra (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	94	1.1	6.3	**3.3**	0.13	0.40	11	0.2	0.7	**0.2**	0.00	0.04	*C00*
Tongue	43	0.5	2.9	**1.8**	0.14	0.20	11	0.2	0.7	**0.4**	0.02	0.05	*C01-02*
Mouth	48	0.5	3.2	**2.2**	0.18	0.24	30	0.5	2.0	**1.1**	0.07	0.11	*C03-06*
Salivary glands	13	0.1	0.9	**0.6**	0.03	0.07	7	0.1	0.5	**0.2**	0.02	0.02	*C07-08*
Tonsil	10	0.1	0.7	**0.4**	0.04	0.04	4	0.1	0.3	**0.2**	0.02	0.02	*C09*
Other oropharynx	35	0.4	2.4	**1.6**	0.13	0.19	2	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	21	0.2	1.4	**1.0**	0.09	0.12	7	0.1	0.5	**0.3**	0.03	0.04	*C11*
Hypopharynx	32	0.4	2.2	**1.6**	0.14	0.19	1	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	10	0.1	0.7	**0.4**	0.02	0.05	1	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	136	1.5	9.2	**5.5**	0.36	0.69	15	0.3	1.0	**0.6**	0.04	0.07	*C15*
Stomach	411	4.7	27.8	**14.3**	0.68	1.61	220	3.7	14.8	**5.5**	0.23	0.56	*C16*
Small intestine	20	0.2	1.4	**0.8**	0.05	0.09	22	0.4	1.5	**0.8**	0.04	0.10	*C17*
Colon	787	8.9	53.1	**26.8**	1.31	3.20	551	9.3	37.1	**15.8**	0.89	1.75	*C18*
Rectum	464	5.3	31.3	**17.1**	0.84	2.17	277	4.7	18.7	**8.3**	0.49	0.95	*C19-20*
Anus	9	0.1	0.6	**0.4**	0.04	0.04	9	0.2	0.6	**0.2**	0.01	0.02	*C21*
Liver	217	2.5	14.7	**7.8**	0.37	0.95	89	1.5	6.0	**2.2**	0.10	0.23	*C22*
Gallbladder etc.	76	0.9	5.1	**2.4**	0.08	0.25	123	2.1	8.3	**2.9**	0.14	0.29	*C23-24*
Pancreas	222	2.5	15.0	**8.0**	0.39	0.99	213	3.6	14.4	**5.4**	0.25	0.59	*C25*
Nose, sinuses etc.	16	0.2	1.1	**0.5**	0.03	0.07	5	0.1	0.3	**0.1**	0.00	0.01	*C30-31*
Larynx	263	3.0	17.8	**11.0**	0.82	1.32	14	0.2	0.9	**0.6**	0.04	0.07	*C32*
Trachea, bronchus and lung	1350	15.3	91.2	**50.5**	2.86	6.17	232	3.9	15.6	**8.9**	0.68	0.97	*C33-34*
Other thoracic organs	11	0.1	0.7	**0.5**	0.04	0.05	5	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	18	0.2	1.2	**1.1**	0.07	0.08	13	0.2	0.9	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	150	1.7	10.1	**6.7**	0.49	0.71	191	3.2	12.9	**8.6**	0.65	0.88	*C43*
Other skin	2522		170.3	**88.7**	4.14	10.22	2434		164.1	**79.7**	5.08	9.04	*C44*
Mesothelioma	25	0.3	1.7	**1.1**	0.07	0.14	17	0.3	1.1	**0.6**	0.04	0.08	*C45*
Kaposi sarcoma	11	0.1	0.7	**0.4**	0.02	0.04	3	0.1	0.2	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	53	0.6	3.6	**2.0**	0.11	0.20	31	0.5	2.1	**1.4**	0.10	0.13	*C47+C49*
Breast	30	0.3	2.0	**1.0**	0.06	0.09	1659	28.1	111.8	**69.6**	5.45	7.47	*C50*
Vulva							47	0.8	3.2	**1.0**	0.04	0.09	*C51*
Vagina							3	0.1	0.2	**0.0**	0.00	0.01	*C52*
Cervix uteri							82	1.4	5.5	**3.8**	0.30	0.39	*C53*
Corpus uteri							368	6.2	24.8	**13.5**	0.99	1.67	*C54*
Uterus unspecified							16	0.3	1.1	**0.6**	0.04	0.06	*C55*
Ovary							204	3.5	13.8	**7.5**	0.50	0.86	*C56*
Other female genital organs							13	0.2	0.9	**0.5**	0.05	0.05	*C57*
Placenta							1	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	23	0.3	1.6	**0.8**	0.03	0.10							*C60*
Prostate	1743	19.8	117.7	**64.2**	2.64	9.00							*C61*
Testis	70	0.8	4.7	**4.1**	0.29	0.29							*C62*
Other male genital organs	8	0.1	0.5	**0.4**	0.01	0.05							*C63*
Kidney	223	2.5	15.1	**8.8**	0.50	1.04	117	2.0	7.9	**4.2**	0.24	0.43	*C64*
Renal pelvis	32	0.4	2.2	**1.0**	0.03	0.14	22	0.4	1.5	**0.5**	0.02	0.06	*C65*
Ureter	14	0.2	0.9	**0.4**	0.01	0.06	5	0.1	0.3	**0.1**	0.01	0.02	*C66*
†Bladder	1072	12.2	72.4	**39.8**	2.14	4.94	214	3.6	14.4	**6.8**	0.39	0.80	*C67*
Other urinary organs	7	0.1	0.5	**0.2**	0.01	0.02	1	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	16	0.2	1.1	**0.8**	0.04	0.09	12	0.2	0.8	**0.6**	0.04	0.05	*C69*
Brain, nervous system	169	1.9	11.4	**7.8**	0.46	0.78	148	2.5	10.0	**5.7**	0.34	0.59	*C70-72*
Thyroid	56	0.6	3.8	**3.0**	0.22	0.28	181	3.1	12.2	**9.2**	0.73	0.89	*C73*
Adrenal gland	8	0.1	0.5	**0.6**	0.03	0.04	4	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	3	0.0	0.2	**0.1**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	57	0.6	3.8	**3.3**	0.23	0.27	45	0.8	3.0	**2.8**	0.18	0.20	*C81*
Non-Hodgkin lymphoma	231	2.6	15.6	**10.5**	0.65	1.08	218	3.7	14.7	**7.7**	0.48	0.87	*C82-85,C96*
Immunoproliferative diseases	8	0.1	0.5	**0.3**	0.01	0.03	2	0.0	0.1	**0.1**	0.01	0.01	*C88*
Multiple myeloma	60	0.7	4.1	**2.0**	0.09	0.23	76	1.3	5.1	**2.2**	0.12	0.28	*C90*
Lymphoid leukaemia	87	1.0	5.9	**4.1**	0.23	0.38	41	0.7	2.8	**2.1**	0.12	0.16	*C91*
Myeloid leukaemia	68	0.8	4.6	**2.4**	0.10	0.25	57	1.0	3.8	**2.6**	0.16	0.22	*C92-94*
Leukaemia unspecified	11	0.1	0.7	**0.3**	0.01	0.01	9	0.2	0.6	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	30	0.3	2.0	**1.0**	0.04	0.13	17	0.3	1.1	**0.5**	0.04	0.05	*MPD*
Myelodysplastic syndromes	58	0.7	3.9	**1.6**	0.03	0.15	41	0.7	2.8	**0.8**	0.01	0.09	*MDS*
Other and unspecified	184	2.1	12.4	**6.0**	0.27	0.58	194	3.3	13.1	**4.0**	0.16	0.35	*O&U*
All sites	11335		765.4	**423.0**	21.80	50.55	8336		562.0	**292.6**	19.48	31.84	*C00-96*
All sites except C44	8813	100.0	595.1	**334.2**	17.66	40.33	5902	100.0	397.9	**212.9**	14.40	22.80	*C00-96 exc. C44*

† See note following population pyramid

Spain, Tarragona

REGISTRATION AREA

The Tarragona Cancer Registry covers the province of Tarragona in the autonomous community of Catalonia in north-eastern Spain. About 84 000 residents of the province are immigrants, with 23 000 from Morocco, 31 000 from Europe, and 19 000 from Central and South America. Among working residents, 6% work in agriculture, 20% in industry, 16% in construction, and 58% in the service sector.

CANCER CARE FACILITIES

Almost all residents are covered by the Spanish National Health System, and most residents normally use its services. In 2005, the province had about 2900 physicians, seven public hospitals (with 1250 beds), and three private hospitals (with 100 beds). One of the public hospitals has an oncology department (with 32 beds), which includes medical oncology, radiotherapy, and palliative care units.

REGISTRY STRUCTURE AND METHODS

The registry belongs to the Foundation Society for Cancer Research and Prevention. The registry staff includes a director, an epidemiologist, a computer scientist, two nurses, a statistician, and a clerk. Notification of cancer is voluntary. Data are collected through passive or automated notification for most sources, and by active search for the rest. The registry uses mortality data from the Catalan Mortality Registry and the Spanish National Death Index. Cases notified by a death certificate are systematically traced and are registered as death-certificate-only (DCO) cases only if no further information can be obtained. Several types of checks (online and in batch mode) are used to detect errors and inconsistencies.

INTERPRETING THE RESULTS

The completeness of the registry exceeds 95%. Since the registry began in 1980, the availability of diagnostic and treatment services has increased, but it is difficult to estimate the influence on incidence trends. Approximately 42 000 annual cervical cytological examinations were carried out during the registration period. A population-based breast cancer screening programme was started in 1998 for women aged 50–69 years. The rate of prostate-specific antigen (PSA) testing was quite high during the registration period, but its influence on prostate cancer incidence is unknown.

USE OF THE DATA

The registry regularly publishes several sets of cancer statistics and describes the various cancers' epidemiological characteristics and evolution. It also promotes epidemiological research, helps policy-makers identify needs for cancer care services, and collaborates in evaluating screening programmes and other cancer control activities.

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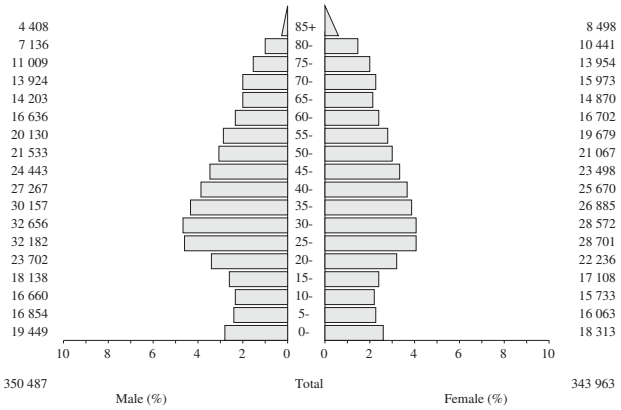
Spain, Tarragona (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2001–2007 postcensal estimates provided by the Statistical Institute of Catalonia (http://www.idescat.cat/).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	89.8	Breast	68.8
Prostate	65.3	Non-melanoma skin cancer	67.0
Trachea, bronchus and lung	52.9	Colon	20.2
Bladder	36.9	Corpus uteri	11.0
Colon	31.9	Cervix uteri	8.5
Rectum	18.2	Trachea, bronchus and lung	8.4
Non-Hodgkin lymphoma	11.7	Non-Hodgkin lymphoma	8.0
Larynx	9.9	Ovary	7.7
Stomach	9.8	Rectum	7.4
Liver	9.3	Melanoma of skin	7.2
All sites	428.5	All sites	275.8

Spain, Tarragona (2003-2007)

SITE	Male §No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female §No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	84	0.8	4.8	**2.5**	0.12	0.30	18	0.3	1.0	**0.4**	0.01	0.06	*C00*
Tongue	74	0.7	4.2	**2.7**	0.20	0.32	27	0.4	1.6	**0.8**	0.07	0.08	*C01-02*
Mouth	66	0.6	3.8	**2.6**	0.21	0.31	30	0.5	1.7	**0.9**	0.07	0.10	*C03-06*
Salivary glands	28	0.3	1.6	**0.9**	0.05	0.08	20	0.3	1.2	**0.5**	0.02	0.07	*C07-08*
Tonsil	42	0.4	2.4	**1.7**	0.14	0.19	2	0.0	0.1	**0.1**	0.01	0.01	*C09*
Other oropharynx	36	0.4	2.1	**1.4**	0.11	0.17	3	0.0	0.2	**0.1**	0.01	0.02	*C10*
Nasopharynx	23	0.2	1.3	**1.0**	0.07	0.11	1	0.0	0.1	**0.0**	0.00	0.01	*C11*
Hypopharynx	66	0.6	3.8	**2.7**	0.21	0.33	1	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	7	0.1	0.4	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	121	1.2	6.9	**4.4**	0.32	0.51	19	0.3	1.1	**0.5**	0.03	0.07	*C15*
Stomach	310	3.0	17.7	**9.8**	0.53	1.11	166	2.6	9.7	**4.2**	0.24	0.46	*C16*
Small intestine	21	0.2	1.2	**0.7**	0.06	0.08	16	0.2	0.9	**0.4**	0.02	0.06	*C17*
Colon	1039	10.2	59.3	**31.9**	1.53	3.73	753	11.7	43.8	**20.2**	1.01	2.37	*C18*
Rectum	562	5.5	32.1	**18.2**	0.96	2.21	269	4.2	15.6	**7.4**	0.40	0.86	*C19-20*
Anus	18	0.2	1.0	**0.5**	0.03	0.05	9	0.1	0.5	**0.2**	0.01	0.01	*C21*
Liver	269	2.6	15.4	**9.3**	0.52	1.10	109	1.7	6.3	**2.6**	0.12	0.31	*C22*
Gallbladder etc.	87	0.9	5.0	**2.6**	0.10	0.28	89	1.4	5.2	**2.1**	0.07	0.25	*C23-24*
Pancreas	198	1.9	11.3	**6.4**	0.35	0.74	199	3.1	11.6	**5.0**	0.20	0.61	*C25*
Nose, sinuses etc.	17	0.2	1.0	**0.6**	0.04	0.07	5	0.1	0.3	**0.2**	0.01	0.02	*C30-31*
Larynx	264	2.6	15.1	**9.9**	0.76	1.20	15	0.2	0.9	**0.6**	0.04	0.07	*C32*
Trachea, bronchus and lung	1567	15.4	89.4	**52.9**	3.08	6.52	254	3.9	14.8	**8.4**	0.55	0.98	*C33-34*
Other thoracic organs	25	0.2	1.4	**0.9**	0.05	0.08	12	0.2	0.7	**0.4**	0.02	0.04	*C37-38*
Bone	15	0.1	0.9	**0.8**	0.05	0.05	16	0.2	0.9	**0.8**	0.06	0.06	*C40-41*
Melanoma of skin	166	1.6	9.5	**6.2**	0.43	0.68	188	2.9	10.9	**7.2**	0.53	0.74	*C43*
Other skin	2955		168.6	**89.8**	4.07	10.22	2407		140.0	**67.0**	3.86	7.25	*C44*
Mesothelioma	14	0.1	0.8	**0.5**	0.05	0.07	4	0.1	0.2	**0.1**	0.00	0.01	*C45*
Kaposi sarcoma	19	0.2	1.1	**0.7**	0.04	0.08	2	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	57	0.6	3.3	**2.4**	0.13	0.21	42	0.7	2.4	**1.5**	0.10	0.14	*C47+C49*
Breast	23	0.2	1.3	**0.8**	0.04	0.11	1872	29.0	108.8	**68.8**	5.27	7.50	*C50*
Vulva							56	0.9	3.3	**1.2**	0.05	0.12	*C51*
Vagina							5	0.1	0.3	**0.2**	0.02	0.02	*C52*
Cervix uteri							213	3.3	12.4	**8.5**	0.67	0.81	*C53*
Corpus uteri							332	5.2	19.3	**11.0**	0.76	1.37	*C54*
Uterus unspecified							16	0.2	0.9	**0.6**	0.05	0.07	*C55*
Ovary							226	3.5	13.1	**7.7**	0.56	0.86	*C56*
Other female genital organs							9	0.1	0.5	**0.2**	0.02	0.03	*C57*
Placenta							1	0.0	0.1	**0.0**	0.00	0.00	*C58*
Penis	44	0.4	2.5	**1.4**	0.06	0.15							*C60*
Prostate	2146	21.1	122.5	**65.3**	2.51	8.74							*C61*
Testis	73	0.7	4.2	**3.4**	0.25	0.25							*C62*
Other male genital organs	5	0.0	0.3	**0.1**	0.01	0.02							*C63*
Kidney	229	2.2	13.1	**8.0**	0.51	0.92	115	1.8	6.7	**3.6**	0.21	0.39	*C64*
Renal pelvis	28	0.3	1.6	**1.0**	0.07	0.11	13	0.2	0.8	**0.3**	0.01	0.03	*C65*
Ureter	17	0.2	1.0	**0.5**	0.03	0.07	10	0.2	0.6	**0.2**	0.00	0.02	*C66*
Bladder	1166	11.4	66.5	**36.9**	1.94	4.56	191	3.0	11.1	**5.0**	0.23	0.61	*C67*
Other urinary organs	18	0.2	1.0	**0.6**	0.03	0.06	3	0.0	0.2	**0.1**	0.00	0.00	*C68*
Eye	14	0.1	0.8	**0.6**	0.04	0.05	16	0.2	0.9	**0.7**	0.05	0.07	*C69*
Brain, nervous system	151	1.5	8.6	**6.5**	0.39	0.67	111	1.7	6.5	**4.3**	0.28	0.43	*C70-72*
Thyroid	40	0.4	2.3	**1.7**	0.12	0.16	100	1.6	5.8	**4.6**	0.36	0.44	*C73*
Adrenal gland	7	0.1	0.4	**0.4**	0.02	0.04	5	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	5	0.0	0.3	**0.3**	0.02	0.02	7	0.1	0.4	**0.3**	0.02	0.03	*C75*
Hodgkin lymphoma	55	0.5	3.1	**2.9**	0.20	0.22	41	0.6	2.4	**2.2**	0.15	0.17	*C81*
Non-Hodgkin lymphoma	302	3.0	17.2	**11.7**	0.71	1.25	228	3.5	13.3	**8.0**	0.50	0.85	*C82-85,C96*
Immunoproliferative diseases	14	0.1	0.8	**0.4**	0.02	0.04	6	0.1	0.3	**0.2**	0.01	0.03	*C88*
Multiple myeloma	100	1.0	5.7	**3.1**	0.14	0.38	98	1.5	5.7	**2.4**	0.12	0.26	*C90*
Lymphoid leukaemia	115	1.1	6.6	**4.7**	0.24	0.47	83	1.3	4.8	**3.0**	0.16	0.25	*C91*
Myeloid leukaemia	102	1.0	5.8	**3.7**	0.19	0.33	84	1.3	4.9	**3.0**	0.18	0.31	*C92-94*
Leukaemia unspecified	18	0.2	1.0	**0.4**	0.00	0.01	22	0.3	1.3	**0.5**	0.02	0.03	*C95*
Myeloproliferative disorders	42	0.4	2.4	**1.5**	0.09	0.18	58	0.9	3.4	**1.5**	0.06	0.18	*MPD*
Myelodysplastic syndromes	89	0.9	5.1	**2.3**	0.07	0.23	76	1.2	4.4	**1.5**	0.04	0.16	*MDS*
Other and unspecified	191	1.9	10.9	**5.6**	0.26	0.57	179	2.8	10.4	**4.3**	0.22	0.39	*O&U*
All sites	13144		750.0	**428.5**	22.20	50.46	8852		514.7	**275.8**	17.52	30.12	*C00-96*
All sites except C44	10189	100.0	581.4	**338.6**	18.13	40.22	6445	100.0	374.8	**208.8**	13.65	22.85	*C00-96 exc. C44*

§Includes 29 cases of unknown age

§Includes 21 cases of unknown age

Sweden

REGISTRATION AREA

The Swedish Cancer Registry covers all of Sweden, which has an area of 450 000 km^2 and had a population of 9.4 million in 2010. The population is unevenly distributed across the country, with most residents living in the south. About 85% of residents live in localities (defined as having more than 200 residents) and 40% live in towns or cities with more than 50 000 residents. The country is secular, although 70% of residents are members of the Church of Sweden.

CANCER CARE FACILITIES

There are 29 500 physicians in Sweden (313 per 100 000 residents). Cancer care is incorporated into the general health care system. There are six regional cancer centres that coordinate cancer care and regional cancer registries.

REGISTRY STRUCTURE AND METHODS

The registry was established in 1958 and is run by the Swedish National Board of Health and Welfare. The regional cancer registries are responsible for registering new cases and performing the major checks and correction work. The registration of newly detected tumours is based on mandatory reporting by all physicians in public and private facilities. Hospital and forensic pathologists make independent mandatory reports on every cancer diagnosis made from surgical biopsies, cytological specimens, and autopsies. The cancer registry data are supplemented with information on cause and date of death through linkage with the Swedish Cause of Death Register. The Swedish Cancer Registry does not register cases based on death certificates only.

INTERPRETING THE RESULTS

The completeness of the registry is estimated to be 96%. There are two national screening programmes: one for breast cancer and one for cervical cancer. Prostate-specific antigen (PSA) testing is not part of an organized programme, but it has been very common since the mid-1990s. There is a screening trial under way for colorectal cancer in the Stockholm-Gotland region.

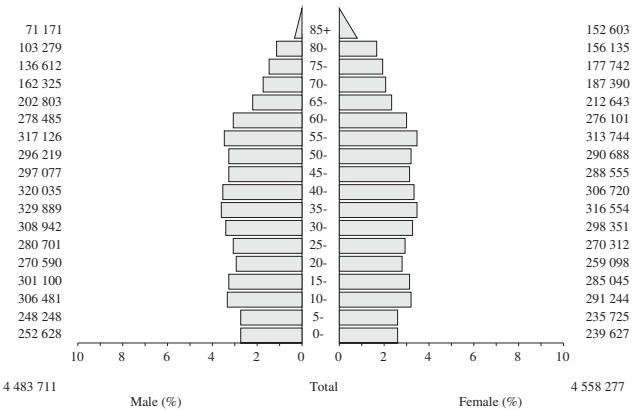
USE OF THE DATA

The registry's statistical database and annual incidence reports are available from http://www.socialstyrelsen.se/. Registry data are also used for quality assurance of public health services (such as programmes to improve cancer prevention and survival) and for clinical and epidemiological research.

CONTRIBUTOR

Åsa Klint

Sweden (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by Statistics Sweden, based on the official population register.

NOTES ON THE DATA

*No DCO registrations. High MV%. †C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	107.6	Breast	81.1
Trachea, bronchus and lung	20.7	Trachea, bronchus and lung	17.2
Colon	18.2	Colon	16.0
Bladder	17.5	Corpus uteri	14.0
Non-melanoma skin cancer	14.3	Melanoma of skin	13.9
Melanoma of skin	13.0	Brain, nervous system	11.0
Rectum	12.6	Ovary	9.3
Non-Hodgkin lymphoma	9.9	Non-melanoma skin cancer	8.7
Brain, nervous system	9.5	Other and unspecified	8.7
Other and unspecified	8.0	Rectum	7.8
All sites	301.8	All sites	254.6

*Sweden (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	413	0.3	1.8	**0.8**	0.03	0.09	286	0.3	1.3	**0.5**	0.02	0.06	*C00*
Tongue	475	0.4	2.1	**1.3**	0.09	0.16	344	0.3	1.5	**0.8**	0.05	0.09	*C01-02*
Mouth	479	0.4	2.1	**1.2**	0.07	0.15	464	0.4	2.0	**0.9**	0.05	0.10	*C03-06*
Salivary glands	258	0.2	1.2	**0.6**	0.04	0.07	229	0.2	1.0	**0.6**	0.04	0.06	*C07-08*
Tonsil	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	572	0.5	2.6	**1.6**	0.13	0.19	201	0.2	0.9	**0.6**	0.05	0.06	*C10*
Nasopharynx	105	0.1	0.5	**0.3**	0.02	0.03	48	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	225	0.2	1.0	**0.5**	0.03	0.07	73	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	25	0.0	0.1	**0.1**	0.00	0.01	10	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	1486	1.2	6.6	**3.5**	0.19	0.44	535	0.5	2.3	**1.0**	0.05	0.12	*C15*
Stomach	2909	2.4	13.0	**6.3**	0.27	0.71	1839	1.7	8.1	**3.2**	0.15	0.36	*C16*
Small intestine	683	0.6	3.0	**1.6**	0.09	0.20	527	0.5	2.3	**1.0**	0.06	0.12	*C17*
Colon	8594	7.1	38.3	**18.2**	0.70	2.14	9106	8.6	40.0	**16.0**	0.70	1.91	*C18*
Rectum	5610	4.6	25.0	**12.6**	0.58	1.56	4070	3.8	17.9	**7.8**	0.42	0.94	*C19-20*
Anus	198	0.2	0.9	**0.5**	0.03	0.06	459	0.4	2.0	**1.0**	0.07	0.11	*C21*
Liver	1465	1.2	6.5	**3.4**	0.17	0.40	859	0.8	3.8	**1.7**	0.08	0.20	*C22*
Gallbladder etc.	643	0.5	2.9	**1.4**	0.06	0.17	1173	1.1	5.1	**2.2**	0.11	0.28	*C23-24*
Pancreas	2300	1.9	10.3	**5.4**	0.27	0.70	2344	2.2	10.3	**4.8**	0.26	0.62	*C25*
Nose, sinuses etc.	217	0.2	1.0	**0.6**	0.03	0.07	153	0.1	0.7	**0.3**	0.02	0.04	*C30-31*
Larynx	785	0.6	3.5	**1.9**	0.11	0.23	150	0.1	0.7	**0.3**	0.02	0.04	*C32*
Trachea, bronchus and lung	9087	7.5	40.5	**20.7**	0.93	2.72	7791	7.4	34.2	**17.2**	1.05	2.27	*C33-34*
Other thoracic organs	107	0.1	0.5	**0.3**	0.02	0.03	75	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	199	0.2	0.9	**0.7**	0.05	0.06	160	0.2	0.7	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	4976	4.1	22.2	**13.0**	0.83	1.45	5132	4.8	22.5	**13.9**	1.01	1.45	*C43*
Other skin	7887		35.2	**14.3**	0.39	1.33	6325		27.8	**8.7**	0.33	0.84	*C44*
Mesothelioma	495	0.4	2.2	**1.2**	0.05	0.16	113	0.1	0.5	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	62	0.1	0.3	**0.1**	0.01	0.01	20	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	879	0.7	3.9	**2.7**	0.15	0.24	787	0.7	3.5	**2.2**	0.14	0.21	*C47+C49*
Breast	211	0.2	0.9	**0.5**	0.03	0.05	31645	29.9	138.8	**81.1**	6.06	9.37	*C50*
Vulva							803	0.8	3.5	**1.4**	0.08	0.15	*C51*
Vagina							205	0.2	0.9	**0.3**	0.02	0.04	*C52*
Cervix uteri							2235	2.1	9.8	**6.9**	0.53	0.66	*C53*
Corpus uteri							6679	6.3	29.3	**14.0**	0.80	1.83	*C54*
Uterus unspecified							571	0.5	2.5	**1.3**	0.08	0.16	*C55*
Ovary							3743	3.5	16.4	**9.3**	0.64	1.09	*C56*
Other female genital organs							279	0.3	1.2	**0.6**	0.05	0.08	*C57*
Placenta							19	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	412	0.3	1.8	**1.0**	0.06	0.12							*C60*
Prostate	47392	39.1	211.4	**107.6**	4.87	14.38							*C61*
Testis	1407	1.2	6.3	**6.2**	0.46	0.47							*C62*
Other male genital organs	18	0.0	0.1	**0.0**	0.00	0.00							*C63*
Kidney	2760	2.3	12.3	**7.1**	0.40	0.87	1857	1.8	8.1	**4.4**	0.23	0.53	*C64*
Renal pelvis	267	0.2	1.2	**0.6**	0.03	0.08	211	0.2	0.9	**0.4**	0.02	0.05	*C65*
Ureter	128	0.1	0.6	**0.3**	0.01	0.03	108	0.1	0.5	**0.2**	0.01	0.03	*C66*
†Bladder	8256	6.8	36.8	**17.5**	0.70	2.05	2702	2.6	11.9	**4.9**	0.25	0.58	*C67*
Other urinary organs	93	0.1	0.4	**0.2**	0.01	0.02	50	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	299	0.2	1.3	**0.9**	0.06	0.09	297	0.3	1.3	**0.9**	0.05	0.09	*C69*
Brain, nervous system	2866	2.4	12.8	**9.5**	0.66	0.98	3468	3.3	15.2	**11.0**	0.79	1.13	*C70-72*
Thyroid	438	0.4	2.0	**1.3**	0.09	0.14	1154	1.1	5.1	**3.7**	0.28	0.35	*C73*
Adrenal gland	50	0.0	0.2	**0.2**	0.01	0.02	60	0.1	0.3	**0.2**	0.02	0.02	*C74*
Other endocrine	42	0.0	0.2	**0.1**	0.01	0.01	44	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	472	0.4	2.1	**1.8**	0.12	0.15	388	0.4	1.7	**1.6**	0.11	0.13	*C81*
Non-Hodgkin lymphoma	3953	3.3	17.6	**9.9**	0.52	1.10	3243	3.1	14.2	**7.0**	0.39	0.78	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	1564	1.3	7.0	**3.5**	0.17	0.42	1293	1.2	5.7	**2.4**	0.12	0.30	*C90*
Lymphoid leukaemia	1990	1.6	8.9	**5.8**	0.29	0.57	1302	1.2	5.7	**3.6**	0.18	0.34	*C91*
Myeloid leukaemia	998	0.8	4.5	**2.7**	0.14	0.28	955	0.9	4.2	**2.3**	0.14	0.23	*C92-94*
Leukaemia unspecified	94	0.1	0.4	**0.2**	0.01	0.03	137	0.1	0.6	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	791	0.7	3.5	**1.9**	0.09	0.22	745	0.7	3.3	**1.4**	0.07	0.17	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	3549	2.9	15.8	**8.0**	0.37	0.94	4760	4.5	20.9	**8.7**	0.42	1.03	*O&U*
All sites	129184		576.2	**301.8**	14.47	36.47	112226		492.4	**254.6**	16.10	29.24	*C00-96*
All sites except C44	121297	100.0	541.1	**287.4**	14.08	35.14	105901	100.0	464.7	**245.8**	15.78	28.40	*C00-96 exc. C44*

†*See note following population pyramid

Switzerland, Basel

REGISTRATION AREA

The Basel Cancer Registry covers the cantons of Basel-Stadt and Basel-Landschaft (an area of 465 km^2) in north-western Switzerland. In 2008, the population was 462 000 (19% aged more than 65 years and 18% aged less than 20 years). Foreign residents (mostly from Italy, Montenegro, Serbia, Turkey, Germany, and Spain) accounted for 24% of the population. About 85% of residents live in the conurbation of Basel. About 30% of residents are Protestants, 25% Roman Catholics, and 45% of other denominations or no religion; 1% work in agriculture and forestry, 25% in industry, and 71% in services (3% are unemployed).

CANCER CARE FACILITIES

There are 3561 hospital beds (12 per 1000 residents): 71% in nine central hospitals and the rest in 16 private hospitals. There are three radiotherapy facilities but no separate specialized cancer clinics. Outpatient care is provided by 1119 physicians (1 per 413 residents).

REGISTRY STRUCTURE AND METHODS

The registry was established in 1969 and started collecting population-based data in 1970. It is located within the pathology department of the University of Basel and is run by a part-time pathologist, two full-time registrars, and two part-time registrars. It is funded by the cantonal governments and the federal government. Cases are voluntarily reported by two pathology departments, two hospital-based pathology laboratories, three private pathology laboratories, two haematology laboratories, and three radiotherapy units. Treating physicians are asked for additional information (with a 90% response rate). Date of death is supplied by the official population registries, and death certificates are used for case finding. The registry has permission (from the Central Governmental Commission for Data Protection in Medical Research) to receive non-anonymized data on cancer patients. Active follow-up is carried out within the framework of EUROCARE.

INTERPRETING THE RESULTS

There are no organized screening programmes.

USE OF THE DATA

Annual incidence data are published in collaboration with the Swiss National Institute for Cancer Epidemiology and Registration (NICER), which was founded by the Swiss Cancer Registries Network. The registry has conducted descriptive epidemiological studies in collaboration with the Basel Familial Cancer Registry, NICER, the Swiss Institute for Applied Cancer Research, EUROCARE, and IARC.

CONTRIBUTORS

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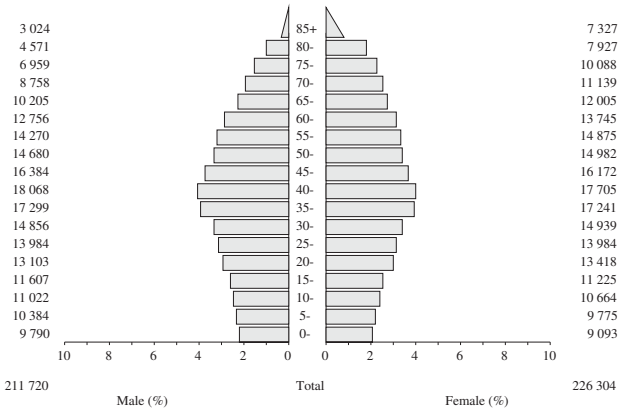
Switzerland, Basel (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Swiss Federal Statistical Office, based on the 2000 census and making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	97.8	Breast	70.2
Prostate	97.7	Non-melanoma skin cancer	68.3
Trachea, bronchus and lung	36.3	Trachea, bronchus and lung	16.7
Colon	20.5	Melanoma of skin	13.4
Melanoma of skin	14.7	Colon	13.2
Rectum	13.0	Corpus uteri	13.0
Bladder	12.1	Non-Hodgkin lymphoma	8.9
Non-Hodgkin lymphoma	11.5	Rectum	8.0
Testis	11.4	Ovary	7.0
Kidney	7.0	Thyroid	6.3
All sites	405.0	All sites	282.9

Switzerland, Basel (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	3	0.0	0.3	**0.1**	0.00	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	48	0.8	4.5	**2.6**	0.21	0.31	31	0.6	2.7	**1.4**	0.10	0.18	*C01-02*
Mouth	41	0.7	3.9	**2.4**	0.18	0.27	26	0.5	2.3	**1.1**	0.08	0.13	*C03-06*
Salivary glands	11	0.2	1.0	**0.7**	0.04	0.06	11	0.2	1.0	**0.6**	0.04	0.06	*C07-08*
Tonsil	31	0.5	2.9	**1.7**	0.13	0.20	13	0.3	1.1	**0.7**	0.05	0.08	*C09*
Other oropharynx	17	0.3	1.6	**0.9**	0.07	0.11	4	0.1	0.4	**0.2**	0.01	0.03	*C10*
Nasopharynx	9	0.1	0.9	**0.6**	0.06	0.07	2	0.0	0.2	**0.1**	0.01	0.02	*C11*
Hypopharynx	34	0.6	3.2	**1.9**	0.16	0.23	12	0.2	1.1	**0.6**	0.05	0.09	*C12-13*
Pharynx unspecified	1	0.0	0.1	**0.1**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	117	1.9	11.1	**5.6**	0.27	0.73	40	0.8	3.5	**1.6**	0.10	0.19	*C15*
Stomach	117	1.9	11.1	**5.6**	0.24	0.67	95	1.9	8.4	**3.5**	0.18	0.39	*C16*
Small intestine	29	0.5	2.7	**1.4**	0.08	0.14	24	0.5	2.1	**0.7**	0.02	0.12	*C17*
Colon	451	7.3	42.6	**20.5**	0.88	2.34	400	8.0	35.4	**13.2**	0.64	1.45	*C18*
Rectum	272	4.4	25.7	**13.0**	0.68	1.67	212	4.3	18.7	**8.0**	0.42	0.98	*C19-20*
Anus	11	0.2	1.0	**0.6**	0.04	0.07	21	0.4	1.9	**0.9**	0.08	0.10	*C21*
Liver	114	1.9	10.8	**5.3**	0.26	0.59	28	0.6	2.5	**0.8**	0.01	0.10	*C22*
Gallbladder etc.	22	0.4	2.1	**1.0**	0.05	0.12	47	0.9	4.2	**1.6**	0.08	0.17	*C23-24*
Pancreas	126	2.1	11.9	**5.8**	0.28	0.75	126	2.5	11.1	**4.5**	0.23	0.54	*C25*
Nose, sinuses etc.	8	0.1	0.8	**0.4**	0.03	0.05	4	0.1	0.4	**0.1**	0.00	0.03	*C30-31*
Larynx	46	0.7	4.3	**2.4**	0.17	0.29	5	0.1	0.4	**0.2**	0.01	0.03	*C32*
Trachea, bronchus and lung	754	12.3	71.2	**36.3**	1.75	4.63	402	8.1	35.5	**16.7**	1.02	2.10	*C33-34*
Other thoracic organs	14	0.2	1.3	**0.8**	0.06	0.07	13	0.3	1.1	**0.5**	0.03	0.06	*C37-38*
Bone	14	0.2	1.3	**1.3**	0.08	0.11	10	0.2	0.9	**1.2**	0.07	0.08	*C40-41*
Melanoma of skin	265	4.3	25.0	**14.7**	0.92	1.65	248	5.0	21.9	**13.4**	0.94	1.41	*C43*
Other skin	2160		204.0	**97.8**	4.59	11.00	1865		164.8	**68.3**	3.77	7.83	*C44*
Mesothelioma	37	0.6	3.5	**1.7**	0.09	0.19	13	0.3	1.1	**0.6**	0.03	0.07	*C45*
Kaposi sarcoma	4	0.1	0.4	**0.2**	0.01	0.01	2	0.0	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	32	0.5	3.0	**1.8**	0.11	0.18	35	0.7	3.1	**1.9**	0.10	0.19	*C47+C49*
Breast	9	0.1	0.9	**0.4**	0.04	0.06	1501	30.1	132.7	**70.2**	5.08	8.06	*C50*
Vulva							40	0.8	3.5	**1.2**	0.07	0.13	*C51*
Vagina							11	0.2	1.0	**0.4**	0.03	0.04	*C52*
Cervix uteri							71	1.4	6.3	**3.8**	0.31	0.38	*C53*
Corpus uteri							301	6.0	26.6	**13.0**	0.85	1.66	*C54*
Uterus unspecified							8	0.2	0.7	**0.3**	0.01	0.03	*C55*
Ovary							166	3.3	14.7	**7.0**	0.44	0.80	*C56*
Other female genital organs							12	0.2	1.1	**0.4**	0.01	0.05	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	12	0.2	1.1	**0.5**	0.02	0.05							*C60*
Prostate	2045	33.3	193.2	**97.7**	4.54	13.37							*C61*
Testis	122	2.0	11.5	**11.4**	0.81	0.83							*C62*
Other male genital organs	2	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	148	2.4	14.0	**7.0**	0.38	0.92	75	1.5	6.6	**2.6**	0.13	0.30	*C64*
Renal pelvis	12	0.2	1.1	**0.4**	0.02	0.05	13	0.3	1.1	**0.3**	0.01	0.05	*C65*
Ureter	9	0.1	0.9	**0.3**	0.01	0.02	5	0.1	0.4	**0.2**	0.01	0.01	*C66*
Bladder	285	4.6	26.9	**12.1**	0.42	1.42	96	1.9	8.5	**2.9**	0.14	0.32	*C67*
Other urinary organs	2	0.0	0.2	**0.1**	0.00	0.01	2	0.0	0.2	**0.0**	0.00	0.00	*C68*
Eye	10	0.2	0.9	**0.6**	0.04	0.05	6	0.1	0.5	**0.5**	0.03	0.04	*C69*
Brain, nervous system	88	1.4	8.3	**6.0**	0.41	0.62	67	1.3	5.9	**4.0**	0.26	0.42	*C70-72*
Thyroid	41	0.7	3.9	**2.4**	0.17	0.26	100	2.0	8.8	**6.3**	0.50	0.60	*C73*
Adrenal gland	2	0.0	0.2	**0.1**	0.00	0.01	4	0.1	0.4	**0.4**	0.02	0.02	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	35	0.6	3.3	**3.0**	0.21	0.23	26	0.5	2.3	**2.2**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	212	3.5	20.0	**11.5**	0.56	1.27	214	4.3	18.9	**8.9**	0.51	0.90	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.2	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	76	1.2	7.2	**3.5**	0.18	0.45	73	1.5	6.5	**2.3**	0.10	0.30	*C90*
Lymphoid leukaemia	85	1.4	8.0	**4.9**	0.30	0.52	47	0.9	4.2	**1.9**	0.08	0.20	*C91*
Myeloid leukaemia	92	1.5	8.7	**5.2**	0.29	0.51	65	1.3	5.7	**2.8**	0.17	0.32	*C92-94*
Leukaemia unspecified	4	0.1	0.4	**0.1**	0.00	0.00	4	0.1	0.4	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	34	0.6	3.2	**1.7**	0.09	0.17	42	0.8	3.7	**1.7**	0.09	0.17	*MPD*
Myelodysplastic syndromes	42	0.7	4.0	**1.8**	0.10	0.17	32	0.6	2.8	**1.0**	0.05	0.09	*MDS*
Other and unspecified	144	2.3	13.6	**6.9**	0.37	0.79	179	3.6	15.8	**5.6**	0.21	0.63	*O&U*
All sites	8301		784.2	**405.0**	20.39	48.34	6851		605.5	**282.9**	17.35	32.15	*C00-96*
All sites except C44	6141	100.0	580.1	**307.2**	15.81	37.34	4986	100.0	440.6	**214.6**	13.58	24.32	*C00-96 exc. C44*

Switzerland, Geneva

REGISTRATION AREA

The Geneva Cancer Registry covers the canton of Geneva in western Switzerland. The canton has a total area of 282 km^2, of which Lake Geneva covers 36 km^2. In 2007, the population was 448 000 (15% aged 65 years or more). The population structure is a result of a low fertility rate, a high life expectancy, and fairly heavy immigration (often temporary, and traditionally from Latin countries) at the ages of economic activity. Due to restrictive citizenship policies, the proportion of the population considered foreign remains high, at 38.4%. Economic activity is concentrated in the administrative and service sectors.

REGISTRY STRUCTURE AND METHODS

The registry was founded in 1969 and began registering cases in 1970. Since 1999, it has been affiliated with the University of Geneva. The registry is staffed by 12 employees, including three physicians and two statisticians. Data obtained from biopsies (which are carried out mainly at the central laboratory or in other specialized services of the public hospital) are electronically transmitted to the registry each month for linkage with the registry database. Five private pathology laboratories provide records to the registry (or permit systematic consultation of their files). Additional data collection is performed by examining the records of relevant public services and sending a questionnaire to private practitioners (with a 90% response rate). The registry has access to records from the public hospital's oncology department and two private radiation oncology centres, as well as to all death certificates issued in the canton. The registry annually performs active follow-up of all cases.

INTERPRETING THE RESULTS

A very low percentage of cases (less than 1% in 1998–2002) are registered from death certificates only. The low rate of cases found at autopsy (0.7% in 1998–2002) compared with the total number of histologically confirmed cases suggests that most cases are identified during patients' lifetimes. A breast cancer screening programme was launched in 1999. Prostate-specific antigen (PSA) testing is common.

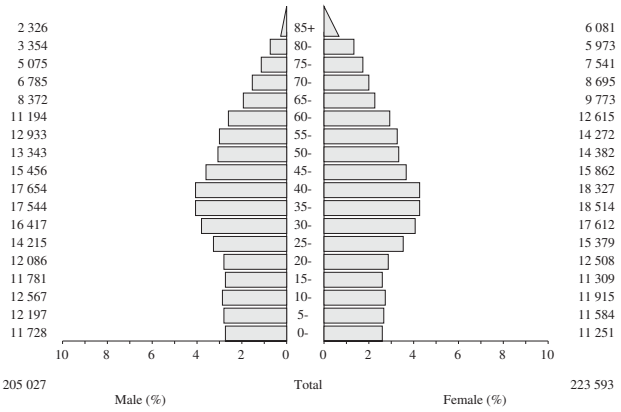
USE OF THE DATA

Policy-makers do not use the registry's data to evaluate health services, but the registry has received an official mandate to evaluate the breast cancer screening programme. The registry publishes routine incidence and survival data, and also initiates and participates in analytical epidemiological investigations. Several case–control and cohort studies have been undertaken for etiological and evaluative purposes.

CONTRIBUTOR

Christine Bouchardy

Switzerland, Geneva (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Geneva Office Cantonal de la Population et des Migrations (OCP), based on annual estimates making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	88.4	Breast	99.5
Trachea, bronchus and lung	42.9	Non-melanoma skin cancer	29.1
Non-melanoma skin cancer	42.4	Melanoma of skin	20.4
Bladder	28.1	Trachea, bronchus and lung	18.7
Colon	21.8	Colon	15.1
Melanoma of skin	20.5	Corpus uteri	12.7
Non-Hodgkin lymphoma	13.5	Thyroid	10.1
Liver	13.1	Ovary	9.8
Rectum	12.0	Non-Hodgkin lymphoma	8.2
Kidney	9.2	Bladder	6.5
All sites	393.9	All sites	302.3

Switzerland, Geneva (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	8	0.1	0.8	**0.5**	0.02	0.08	7	0.1	0.6	**0.4**	0.02	0.05	*C00*
Tongue	48	0.8	4.7	**3.0**	0.21	0.36	32	0.6	2.9	**1.6**	0.13	0.18	*C01-02*
Mouth	62	1.1	6.0	**3.9**	0.29	0.47	32	0.6	2.9	**1.6**	0.15	0.18	*C03-06*
Salivary glands	9	0.2	0.9	**0.4**	0.01	0.03	8	0.1	0.7	**0.5**	0.03	0.05	*C07-08*
Tonsil	42	0.7	4.1	**2.6**	0.19	0.32	10	0.2	0.9	**0.6**	0.04	0.08	*C09*
Other oropharynx	29	0.5	2.8	**1.8**	0.16	0.22	9	0.2	0.8	**0.5**	0.05	0.08	*C10*
Nasopharynx	2	0.0	0.2	**0.2**	0.01	0.01	3	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	63	1.1	6.1	**4.1**	0.31	0.53	7	0.1	0.6	**0.4**	0.03	0.06	*C12-13*
Pharynx unspecified	4	0.1	0.4	**0.3**	0.01	0.03	2	0.0	0.2	**0.0**	0.00	0.00	*C14*
Oesophagus	121	2.1	11.8	**7.4**	0.47	0.89	45	0.8	4.0	**2.1**	0.15	0.27	*C15*
Stomach	116	2.0	11.3	**6.9**	0.34	0.73	85	1.6	7.6	**3.8**	0.19	0.38	*C16*
Small intestine	24	0.4	2.3	**1.5**	0.08	0.22	16	0.3	1.4	**0.6**	0.04	0.07	*C17*
Colon	396	6.7	38.6	**21.8**	0.87	2.56	406	7.5	36.3	**15.1**	0.74	1.54	*C18*
Rectum	202	3.4	19.7	**12.0**	0.61	1.47	136	2.5	12.2	**6.1**	0.35	0.76	*C19-20*
Anus	19	0.3	1.9	**1.2**	0.07	0.17	63	1.2	5.6	**3.0**	0.20	0.31	*C21*
Liver	214	3.6	20.9	**13.1**	0.72	1.72	66	1.2	5.9	**3.0**	0.15	0.34	*C22*
Gallbladder etc.	27	0.5	2.6	**1.5**	0.09	0.17	40	0.7	3.6	**1.7**	0.07	0.23	*C23-24*
Pancreas	136	2.3	13.3	**7.4**	0.31	0.81	154	2.8	13.8	**5.9**	0.25	0.68	*C25*
Nose, sinuses etc.	18	0.3	1.8	**1.4**	0.07	0.13	8	0.1	0.7	**0.4**	0.02	0.05	*C30-31*
Larynx	65	1.1	6.3	**3.9**	0.22	0.52	18	0.3	1.6	**0.8**	0.04	0.10	*C32*
Trachea, bronchus and lung	743	12.6	72.5	**42.9**	2.09	5.27	405	7.5	36.2	**18.7**	1.11	2.39	*C33-34*
Other thoracic organs	7	0.1	0.7	**0.6**	0.03	0.06	5	0.1	0.4	**0.4**	0.02	0.04	*C37-38*
Bone	16	0.3	1.6	**1.2**	0.09	0.13	16	0.3	1.4	**1.2**	0.07	0.08	*C40-41*
Melanoma of skin	318	5.4	31.0	**20.5**	1.33	2.19	337	6.2	30.1	**20.4**	1.54	2.03	*C43*
Other skin	827		80.7	**42.4**	1.28	4.24	838		75.0	**29.1**	1.12	3.05	*C44*
Mesothelioma	13	0.2	1.3	**0.7**	0.04	0.07	9	0.2	0.8	**0.4**	0.04	0.06	*C45*
Kaposi sarcoma	26	0.4	2.5	**1.7**	0.14	0.17	7	0.1	0.6	**0.4**	0.02	0.03	*C46*
Connective and soft tissue	37	0.6	3.6	**2.4**	0.16	0.26	37	0.7	3.3	**2.1**	0.12	0.21	*C47+C49*
Breast	9	0.2	0.9	**0.5**	0.03	0.06	1808	33.3	161.7	**99.5**	7.44	11.42	*C50*
Vulva							31	0.6	2.8	**1.3**	0.08	0.11	*C51*
Vagina							5	0.1	0.4	**0.2**	0.01	0.03	*C52*
Cervix uteri							54	1.0	4.8	**2.7**	0.20	0.27	*C53*
Corpus uteri							269	5.0	24.1	**12.7**	0.70	1.63	*C54*
Uterus unspecified							9	0.2	0.8	**0.4**	0.02	0.04	*C55*
Ovary							192	3.5	17.2	**9.8**	0.58	1.21	*C56*
Other female genital organs							15	0.3	1.3	**0.6**	0.04	0.05	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	19	0.3	1.9	**1.1**	0.05	0.12							*C60*
Prostate	1503	25.6	146.6	**88.4**	4.48	11.65							*C61*
Testis	70	1.2	6.8	**6.1**	0.45	0.48							*C62*
Other male genital organs	5	0.1	0.5	**0.4**	0.03	0.03							*C63*
Kidney	151	2.6	14.7	**9.2**	0.54	1.07	71	1.3	6.4	**3.0**	0.17	0.31	*C64*
Renal pelvis	10	0.2	1.0	**0.5**	0.01	0.05	9	0.2	0.8	**0.4**	0.01	0.06	*C65*
Ureter	4	0.1	0.4	**0.2**	0.02	0.02	6	0.1	0.5	**0.2**	0.00	0.01	*C66*
Bladder	512	8.7	49.9	**28.1**	1.10	3.39	154	2.8	13.8	**6.5**	0.31	0.82	*C67*
Other urinary organs	3	0.1	0.3	**0.1**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	12	0.2	1.2	**0.9**	0.03	0.08	6	0.1	0.5	**0.4**	0.02	0.02	*C69*
Brain, nervous system	71	1.2	6.9	**5.1**	0.33	0.57	82	1.5	7.3	**5.4**	0.36	0.55	*C70-72*
Thyroid	69	1.2	6.7	**4.8**	0.39	0.49	148	2.7	13.2	**10.1**	0.77	1.00	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	3	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	3	0.1	0.3	**0.3**	0.02	0.02	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	45	0.8	4.4	**3.6**	0.28	0.30	36	0.7	3.2	**3.2**	0.22	0.26	*C81*
Non-Hodgkin lymphoma	212	3.6	20.7	**13.5**	0.81	1.37	169	3.1	15.1	**8.2**	0.47	0.98	*C82-85,C96*
Immunoproliferative diseases	7	0.1	0.7	**0.5**	0.02	0.07	5	0.1	0.4	**0.1**	0.00	0.00	*C88*
Multiple myeloma	56	1.0	5.5	**3.2**	0.18	0.37	66	1.2	5.9	**2.6**	0.10	0.32	*C90*
Lymphoid leukaemia	89	1.5	8.7	**5.5**	0.26	0.61	63	1.2	5.6	**3.6**	0.20	0.29	*C91*
Myeloid leukaemia	56	1.0	5.5	**3.6**	0.15	0.31	67	1.2	6.0	**3.6**	0.20	0.36	*C92-94*
Leukaemia unspecified	2	0.0	0.2	**0.1**	0.00	0.00	3	0.1	0.3	**0.1**	0.01	0.02	*C95*
Myeloproliferative disorders	52	0.9	5.1	**2.7**	0.07	0.28	64	1.2	5.7	**1.6**	0.03	0.11	*MPD*
Myelodysplastic syndromes	57	1.0	5.6	**2.9**	0.07	0.27	35	0.6	3.1	**1.1**	0.05	0.10	*MDS*
Other and unspecified	97	1.6	9.5	**5.1**	0.22	0.48	92	1.7	8.2	**3.3**	0.14	0.26	*O&U*
All sites	6706		654.2	**393.9**	19.74	45.89	6265		560.4	**302.3**	18.84	33.58	*C00-96*
All sites except C44	5879	100.0	573.5	**351.5**	18.46	41.65	5427	100.0	485.4	**273.2**	17.72	30.53	*C00-96 exc. C44*

Switzerland, Graubünden and Glarus

REGISTRATION AREA

The Graubünden and Glarus Cancer Registry covers the cantons of Graubünden and Glarus (an area of 7790 km^2) in the alpine region of south-eastern Switzerland. Because of its geography, the region is sparsely populated; the biggest city has 33 000 residents. Most of the region's 224 000 residents live in isolated cities or rural areas. The region is trilingual, with about 70% of the population speaking German, 15% Romansh (a Romance language), and 10% Italian. Most of the population is employed in the services sector. Tourism is a pillar of the regional economy, together with industry, particularly in the canton of Glarus.

CANCER CARE FACILITIES

There are two main multidisciplinary hospitals, about 10 regional hospitals, and a network of practitioners covering the area. Medical, radiation, and surgical oncology services are provided at the cantonal hospital, and medical oncologists provide consultations through a mobile consultation service. About 5% of resident cases are treated outside the area in the neighbouring cantons of St Gall, Zurich, and Ticino.

REGISTRY STRUCTURE AND METHODS

As per special authorization by an expert commission of the Swiss Federal Office of Public Health, any resident cancer cases treated in areas covered by other registries are reported by those registries to the Graubünden and Glarus Cancer Registry. Notification is voluntary for pathologists, physicians, and hospitals. The registry is based in the pathology department of the Graubünden cantonal hospital. Two registrars manually code the received data and actively search for additional information on stage and initial treatment. Quality control and completeness checks are performed periodically.

INTERPRETING THE RESULTS

A population-based quality-assured mammography screening programme was started in Graubünden in 2011. Opportunistic screening for cervical cancer and prostate-specific antigen (PSA) testing for prostate cancer are widely used.

USE OF THE DATA

Annual incidence and mortality statistics by age and site are available from the registry's website (http://www.krebsregister-gr.ch). The registry also publishes a bulletin (3–4 times per year) with information on specific types of cancer, and contributes data for national and international research projects (such as EUROCARE and CONCORD).

CONTRIBUTORS

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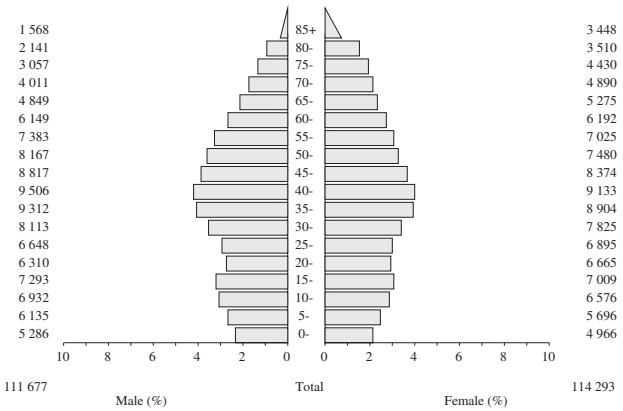
Switzerland, Graubünden and Glarus (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Swiss Federal Statistical Office, based on the 2000 census and making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	84.9	Breast	78.3
Non-melanoma skin cancer	54.2	Non-melanoma skin cancer	39.7
Trachea, bronchus and lung	43.6	Trachea, bronchus and lung	16.9
Bladder	24.6	Melanoma of skin	13.1
Colon	21.1	Colon	13.0
Rectum	15.2	Corpus uteri	12.0
Melanoma of skin	13.7	Non-Hodgkin lymphoma	9.8
Non-Hodgkin lymphoma	10.8	Ovary	9.8
Stomach	10.1	Pancreas	6.6
Kidney	9.7	Rectum	6.3
All sites	385.6	All sites	270.1

Switzerland, Graubünden and Glarus (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	19	0.6	3.4	**1.8**	0.09	0.15	2	0.1	0.3	**0.2**	0.00	0.04	*C00*
Tongue	20	0.6	3.6	**2.1**	0.07	0.29	4	0.2	0.7	**0.4**	0.02	0.02	*C01-02*
Mouth	22	0.7	3.9	**2.4**	0.20	0.32	6	0.2	1.0	**0.6**	0.04	0.08	*C03-06*
Salivary glands	6	0.2	1.1	**0.8**	0.05	0.07	5	0.2	0.9	**0.6**	0.03	0.05	*C07-08*
Tonsil	9	0.3	1.6	**1.1**	0.11	0.11	4	0.2	0.7	**0.5**	0.03	0.07	*C09*
Other oropharynx	7	0.2	1.3	**0.8**	0.08	0.11	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	4	0.1	0.7	**0.5**	0.01	0.08	1	0.0	0.2	**0.1**	0.00	0.02	*C11*
Hypopharynx	14	0.4	2.5	**1.5**	0.11	0.20	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.1	0.4	**0.2**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	54	1.7	9.7	**5.5**	0.32	0.72	15	0.6	2.6	**1.1**	0.05	0.15	*C15*
Stomach	108	3.3	19.3	**10.1**	0.45	1.11	70	2.8	12.2	**4.6**	0.23	0.45	*C16*
Small intestine	14	0.4	2.5	**1.7**	0.15	0.17	16	0.6	2.8	**1.6**	0.12	0.21	*C17*
Colon	222	6.8	39.8	**21.1**	1.00	2.51	190	7.6	33.2	**13.0**	0.62	1.43	*C18*
Rectum	152	4.7	27.2	**15.2**	0.87	1.96	85	3.4	14.9	**6.3**	0.32	0.77	*C19-20*
Anus	4	0.1	0.7	**0.5**	0.02	0.08	10	0.4	1.7	**1.0**	0.08	0.12	*C21*
Liver	71	2.2	12.7	**7.0**	0.26	0.82	22	0.9	3.8	**1.7**	0.07	0.15	*C22*
Gallbladder etc.	33	1.0	5.9	**3.2**	0.16	0.40	30	1.2	5.2	**1.5**	0.04	0.12	*C23-24*
Pancreas	78	2.4	14.0	**7.0**	0.38	0.82	94	3.7	16.4	**6.6**	0.28	0.75	*C25*
Nose, sinuses etc.	9	0.3	1.6	**1.0**	0.04	0.08	4	0.2	0.7	**0.3**	0.02	0.04	*C30-31*
Larynx	46	1.4	8.2	**4.9**	0.29	0.57	6	0.2	1.0	**0.6**	0.04	0.06	*C32*
Trachea, bronchus and lung	440	13.5	78.8	**43.6**	1.98	5.90	181	7.2	31.7	**16.9**	1.11	2.12	*C33-34*
Other thoracic organs	5	0.2	0.9	**0.6**	0.03	0.07	3	0.1	0.5	**0.2**	0.00	0.02	*C37-38*
Bone	10	0.3	1.8	**1.7**	0.08	0.18	8	0.3	1.4	**1.3**	0.08	0.10	*C40-41*
Melanoma of skin	128	3.9	22.9	**13.7**	0.79	1.51	129	5.1	22.6	**13.1**	0.81	1.30	*C43*
Other skin	596		106.7	**54.2**	2.24	6.09	562		98.3	**39.7**	1.90	4.40	*C44*
Mesothelioma	40	1.2	7.2	**4.0**	0.34	0.43	2	0.1	0.3	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	4	0.1	0.7	**0.3**	0.01	0.01	2	0.1	0.3	**0.1**	0.00	0.02	*C46*
Connective and soft tissue	23	0.7	4.1	**2.6**	0.17	0.34	17	0.7	3.0	**1.8**	0.11	0.21	*C47+C49*
Breast	9	0.3	1.6	**0.7**	0.03	0.05	769	30.6	134.6	**78.3**	5.83	9.02	*C50*
Vulva							20	0.8	3.5	**1.6**	0.10	0.16	*C51*
Vagina							5	0.2	0.9	**0.4**	0.01	0.05	*C52*
Cervix uteri							48	1.9	8.4	**6.1**	0.46	0.60	*C53*
Corpus uteri							124	4.9	21.7	**12.0**	0.77	1.53	*C54*
Uterus unspecified							3	0.1	0.5	**0.1**	0.00	0.00	*C55*
Ovary							108	4.3	18.9	**9.8**	0.64	1.06	*C56*
Other female genital organs							6	0.2	1.0	**0.5**	0.03	0.06	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	10	0.3	1.8	**0.9**	0.04	0.09							*C60*
Prostate	902	27.7	161.5	**84.9**	3.25	10.96							*C61*
Testis	54	1.7	9.7	**8.5**	0.64	0.68							*C62*
Other male genital organs	4	0.1	0.7	**0.6**	0.04	0.07							*C63*
Kidney	83	2.6	14.9	**9.7**	0.51	1.11	50	2.0	8.7	**4.4**	0.22	0.47	*C64*
Renal pelvis	9	0.3	1.6	**1.0**	0.05	0.17	5	0.2	0.9	**0.4**	0.00	0.06	*C65*
Ureter	4	0.1	0.7	**0.4**	0.02	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	257	7.9	46.0	**24.6**	1.22	2.73	69	2.7	12.1	**5.7**	0.32	0.70	*C67*
Other urinary organs	3	0.1	0.5	**0.2**	0.00	0.00	1	0.0	0.2	**0.0**	0.00	0.00	*C68*
Eye	5	0.2	0.9	**0.8**	0.03	0.08	3	0.1	0.5	**0.2**	0.00	0.04	*C69*
Brain, nervous system	54	1.7	9.7	**7.8**	0.49	0.73	34	1.4	5.9	**3.9**	0.26	0.40	*C70-72*
Thyroid	20	0.6	3.6	**2.4**	0.11	0.29	46	1.8	8.0	**5.1**	0.34	0.54	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.2	**0.1**	0.01	0.01	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	18	0.6	3.2	**3.5**	0.23	0.23	14	0.6	2.4	**2.2**	0.13	0.19	*C81*
Non-Hodgkin lymphoma	98	3.0	17.6	**10.8**	0.50	1.19	105	4.2	18.4	**9.8**	0.60	1.07	*C82-85,C96*
Immunoproliferative diseases	5	0.2	0.9	**0.5**	0.01	0.09	2	0.1	0.3	**0.1**	0.00	0.02	*C88*
Multiple myeloma	33	1.0	5.9	**3.3**	0.20	0.37	35	1.4	6.1	**3.1**	0.18	0.39	*C90*
Lymphoid leukaemia	66	2.0	11.8	**8.1**	0.37	0.94	45	1.8	7.9	**3.8**	0.17	0.43	*C91*
Myeloid leukaemia	26	0.8	4.7	**3.5**	0.21	0.34	37	1.5	6.5	**3.0**	0.18	0.33	*C92-94*
Leukaemia unspecified	2	0.1	0.4	**0.2**	0.02	0.02	3	0.1	0.5	**0.2**	0.00	0.02	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	48	1.5	8.6	**4.1**	0.10	0.48	77	3.1	13.5	**5.3**	0.23	0.56	*O&U*
All sites	3850		689.5	**385.6**	18.42	45.79	3078		538.6	**270.1**	16.50	30.46	*C00-96*
All sites except C44	3254	100.0	582.8	**331.4**	16.18	39.71	2516	100.0	440.3	**230.5**	14.60	26.06	*C00-96 exc. C44*

Switzerland, Neuchâtel

REGISTRATION AREA

The Neuchâtel Cancer Registry covers the French-speaking canton of Neuchâtel in western Switzerland, which shares a border with France. The canton is mainly rural, with only two cities (of approximately 35 000 residents each). Almost all residents are Caucasian; 38% are Protestant and 31% are Catholic. Foreign residents (predominantly of Mediterranean origin) account for about 23% of the population. The main occupational sectors in the canton are watch-making and the microtechnical industry (35%), agriculture (4%), and services (61%).

CANCER CARE FACILITIES

In 2005, the registration area had about 570 hospital beds available for cancer diagnosis and treatment (about 3 per 1000 residents). There were 357 practising physicians (1 per 473 residents). Radiotherapy and oncology services are provided through a unique coordinated multisite public organization covering the entire area.

REGISTRY STRUCTURE AND METHODS

The bulk of information is provided by the Neuchâtel Institute of Pathology (INAP) through submission of biopsy, cytology, and autopsy reports. Notification is voluntary for medical institutions. Additional information is abstracted by the registry staff from computerized hospital charts. The registry routinely integrates abstracts of medical records into its database, and performs periodic electronic linkage between the registry database and the centralized cantonal administrative population database (for the purpose of active follow-up). All death certificates are checked annually against the registry files.

INTERPRETING THE RESULTS

A mammography breast cancer screening programme (for women aged 50–69 years) was initiated in 2007, and the average annual participation rate is 59%. Dermatologists, in collaboration with the Neuchâtel League Against Cancer, conduct annual campaigns for early detection of skin cancers.

USE OF THE DATA

The registry publishes routine annual incidence and mortality data by sex, age, and primary site; provides data for local planning purposes; and contributes anonymized annual incidence data to the national database of the Swiss National Institute for Cancer Epidemiology and Registration (NICER). The registry also conducts epidemiological studies in collaboration with the Vaud Cancer Registry.

CONTRIBUTORS

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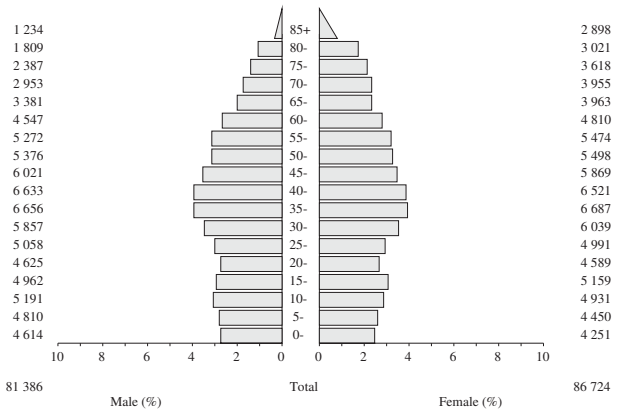
Switzerland, Neuchâtel (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Neuchâtel Cantonal Office of Statistics (Service de Statistique), based on annual estimates making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	102.2	Breast	89.7
Prostate	84.4	Non-melanoma skin cancer	89.5
Trachea, bronchus and lung	48.9	Trachea, bronchus and lung	22.5
Melanoma of skin	23.3	Melanoma of skin	20.4
Colon	20.3	Colon	13.8
Rectum	17.1	Corpus uteri	12.0
Bladder	15.5	Rectum	10.1
Non-Hodgkin lymphoma	11.5	Ovary	8.5
Liver	10.9	Non-Hodgkin lymphoma	7.4
Kidney	10.3	Thyroid	6.0
All sites	442.8	All sites	336.3

Switzerland, Neuchâtel (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	31	1.3	7.6	**5.0**	0.36	0.65	6	0.3	1.4	**0.6**	0.02	0.09	*C01-02*
Mouth	20	0.8	4.9	**3.3**	0.29	0.40	13	0.6	3.0	**1.2**	0.09	0.14	*C03-06*
Salivary glands	7	0.3	1.7	**1.1**	0.06	0.15	2	0.1	0.5	**0.5**	0.02	0.05	*C07-08*
Tonsil	12	0.5	2.9	**1.9**	0.14	0.23	4	0.2	0.9	**0.7**	0.06	0.08	*C09*
Other oropharynx	6	0.2	1.5	**1.0**	0.06	0.12	1	0.0	0.2	**0.1**	0.00	0.03	*C10*
Nasopharynx	2	0.1	0.5	**0.3**	0.02	0.02	1	0.0	0.2	**0.1**	0.00	0.00	*C11*
Hypopharynx	26	1.1	6.4	**4.3**	0.35	0.57	7	0.3	1.6	**1.0**	0.08	0.13	*C12-13*
Pharynx unspecified	1	0.0	0.2	**0.2**	0.02	0.02	2	0.1	0.5	**0.3**	0.02	0.05	*C14*
Oesophagus	49	2.0	12.0	**6.8**	0.50	0.86	12	0.6	2.8	**1.7**	0.16	0.23	*C15*
Stomach	49	2.0	12.0	**6.7**	0.37	0.93	28	1.3	6.5	**2.5**	0.11	0.26	*C16*
Small intestine	6	0.2	1.5	**0.9**	0.04	0.10	6	0.3	1.4	**0.8**	0.06	0.11	*C17*
Colon	157	6.4	38.6	**20.3**	1.13	2.27	154	7.3	35.5	**13.8**	0.60	1.74	*C18*
Rectum	129	5.3	31.7	**17.1**	0.91	2.21	98	4.7	22.6	**10.1**	0.62	1.15	*C19-20*
Anus	12	0.5	2.9	**1.6**	0.12	0.15	22	1.0	5.1	**2.2**	0.13	0.23	*C21*
Liver	76	3.1	18.7	**10.9**	0.65	1.35	17	0.8	3.9	**1.8**	0.11	0.21	*C22*
Gallbladder etc.	18	0.7	4.4	**2.0**	0.12	0.15	22	1.0	5.1	**1.8**	0.07	0.22	*C23-24*
Pancreas	70	2.9	17.2	**8.6**	0.47	0.96	65	3.1	15.0	**4.8**	0.15	0.53	*C25*
Nose, sinuses etc.	4	0.2	1.0	**0.5**	0.02	0.09	5	0.2	1.2	**0.9**	0.05	0.08	*C30-31*
Larynx	25	1.0	6.1	**3.4**	0.29	0.39	4	0.2	0.9	**0.4**	0.04	0.04	*C32*
Trachea, bronchus and lung	358	14.6	88.0	**48.9**	2.42	6.43	186	8.8	42.9	**22.5**	1.40	2.87	*C33-34*
Other thoracic organs	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.5	**0.2**	0.00	0.03	*C37-38*
Bone	6	0.2	1.5	**1.3**	0.09	0.13	4	0.2	0.9	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	146	6.0	35.9	**23.3**	1.53	2.48	132	6.3	30.4	**20.4**	1.50	2.00	*C43*
Other skin	814		200.0	**102.2**	4.68	11.63	911		210.1	**89.5**	4.93	10.10	*C44*
Mesothelioma	6	0.2	1.5	**0.9**	0.07	0.13	1	0.0	0.2	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.0	0.2	**0.1**	0.00	0.00	2	0.1	0.5	**0.3**	0.02	0.04	*C46*
Connective and soft tissue	8	0.3	2.0	**1.5**	0.10	0.19	5	0.2	1.2	**0.7**	0.05	0.08	*C47+C49*
Breast	3	0.1	0.7	**0.5**	0.02	0.08	706	33.6	162.8	**89.7**	6.49	9.93	*C50*
Vulva							12	0.6	2.8	**1.6**	0.10	0.15	*C51*
Vagina							4	0.2	0.9	**0.2**	0.00	0.03	*C52*
Cervix uteri							23	1.1	5.3	**3.5**	0.21	0.34	*C53*
Corpus uteri							116	5.5	26.8	**12.0**	0.69	1.47	*C54*
Uterus unspecified							2	0.1	0.5	**0.1**	0.00	0.00	*C55*
Ovary							76	3.6	17.5	**8.5**	0.53	1.14	*C56*
Other female genital organs							7	0.3	1.6	**0.7**	0.06	0.06	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	9	0.4	2.2	**1.4**	0.07	0.17							*C60*
Prostate	640	26.2	157.3	**84.4**	4.03	11.37							*C61*
Testis	41	1.7	10.1	**8.9**	0.67	0.74							*C62*
Other male genital organs	2	0.1	0.5	**0.2**	0.00	0.03							*C63*
Kidney	70	2.9	17.2	**10.3**	0.66	1.27	35	1.7	8.1	**3.5**	0.20	0.37	*C64*
Renal pelvis	3	0.1	0.7	**0.3**	0.02	0.02	3	0.1	0.7	**0.4**	0.04	0.04	*C65*
Ureter	4	0.2	1.0	**0.5**	0.04	0.04	2	0.1	0.5	**0.3**	0.02	0.04	*C66*
Bladder	134	5.5	32.9	**15.5**	0.52	1.68	42	2.0	9.7	**4.1**	0.27	0.47	*C67*
Other urinary organs	4	0.2	1.0	**0.5**	0.02	0.05	1	0.0	0.2	**0.1**	0.02	0.02	*C68*
Eye	7	0.3	1.7	**1.4**	0.08	0.18	1	0.0	0.2	**0.1**	0.00	0.03	*C69*
Brain, nervous system	35	1.4	8.6	**5.4**	0.32	0.68	30	1.4	6.9	**3.7**	0.22	0.40	*C70-72*
Thyroid	17	0.7	4.2	**3.0**	0.24	0.31	36	1.7	8.3	**6.0**	0.43	0.63	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	12	0.5	2.9	**2.4**	0.20	0.20	12	0.6	2.8	**2.4**	0.13	0.18	*C81*
Non-Hodgkin lymphoma	72	2.9	17.7	**11.5**	0.69	1.26	64	3.0	14.8	**7.4**	0.41	0.84	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.2	**0.2**	0.02	0.02	2	0.1	0.5	**0.2**	0.02	0.02	*C88*
Multiple myeloma	38	1.6	9.3	**4.6**	0.18	0.50	22	1.0	5.1	**1.9**	0.11	0.21	*C90*
Lymphoid leukaemia	29	1.2	7.1	**4.6**	0.24	0.46	25	1.2	5.8	**3.0**	0.13	0.23	*C91*
Myeloid leukaemia	25	1.0	6.1	**4.1**	0.25	0.43	14	0.7	3.2	**2.2**	0.14	0.22	*C92-94*
Leukaemia unspecified	2	0.1	0.5	**0.2**	0.00	0.03	3	0.1	0.7	**0.2**	0.00	0.03	*C95*
Myeloproliferative disorders	4	0.2	1.0	**0.6**	0.02	0.09	3	0.1	0.7	**0.2**	0.02	0.02	*MPD*
Myelodysplastic syndromes	11	0.5	2.7	**1.0**	0.04	0.07	4	0.2	0.9	**0.3**	0.00	0.03	*MDS*
Other and unspecified	56	2.3	13.8	**6.8**	0.26	0.70	58	2.8	13.4	**4.3**	0.15	0.38	*O&U*
All sites	3258		800.6	**442.8**	23.39	52.99	3015		695.3	**336.3**	20.70	37.80	*C00-96*
All sites except C44	2444	100.0	600.6	**340.6**	18.71	41.37	2104	100.0	485.2	**246.8**	15.77	27.70	*C00-96 exc. C44*

Switzerland, St Gall-Appenzell

REGISTRATION AREA

The St. Gallen-Appenzell Cancer Registry covers the cantons of St Gall, Appenzell Ausserrhoden, and Appenzell Innerrhoden (an area of 2430 km^2) in north-eastern Switzerland. The population is 517 000 (87% in the canton of St Gall). Much of the area is rural. The most important industries are the metal industry (machines and vehicles) and construction, which are widely distributed throughout the region. Five sixths of residents are Swiss, and the rest are mainly of other European origins.

CANCER CARE FACILITIES

The central hospital in the city of St Gall provides specialized oncology services, including medical and radiation oncology. There are 10 consultant oncologists in the registration area. Most cancer patients are treated at the central hospital or one of the acute hospitals within the region at least once during the course of their disease. Some patients in areas adjacent to the urban canton of Zurich seek care there.

REGISTRY STRUCTURE AND METHODS

Cancer notification is voluntary. The registry primarily ascertains cases through the active and passive collection of reports from the central pathology laboratory. The registry also actively collects data from the other pathology laboratories in the region and from all regional acute hospitals. The registry reviews files from the central hospital's departments of oncology, haematology, radiotherapy, neurosurgery, and paediatrics, as well as its geriatric clinic. The registry routinely exchanges information with the other Swiss cancer registries, particularly those covering the neighbouring cantons of Zurich and Graubünden. All death certificates with a cancer diagnosis are reviewed, and trace-back procedures are used. Periodic quality control and completeness checks are performed. The registry is affiliated with the Cancer League St. Gallen-Appenzell.

INTERPRETING THE RESULTS

A population-based mammography screening programme was initiated in the canton of St Gall in 2010. Opportunistic screening for cervical cancer and prostate-specific antigen (PSA) testing for prostate cancer are widely used.

USE OF THE DATA

Annual incidence and mortality statistics by age and site are published online at http://www.krebsliga-sg.ch/de/krebsregister/. The registry also contributes data to national and international research projects (such as EUROCARE and CONCORD).

CONTRIBUTORS

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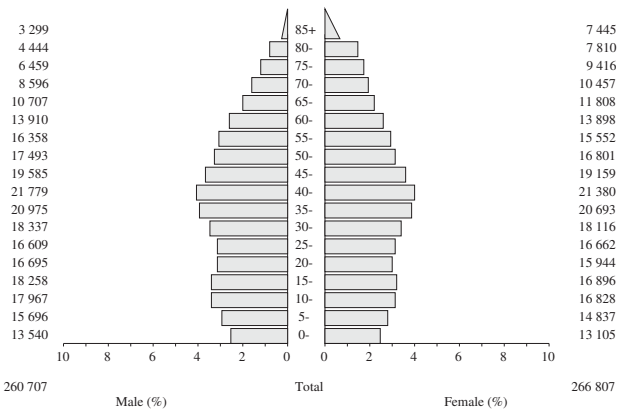
Switzerland, St Gall-Appenzell (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Swiss Federal Statistical Office, based on the 2000 census and making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	88.0	Breast	64.7
Prostate	87.0	Non-melanoma skin cancer	59.0
Trachea, bronchus and lung	36.3	Trachea, bronchus and lung	15.0
Bladder	24.4	Melanoma of skin	13.6
Colon	21.2	Corpus uteri	13.4
Rectum	14.1	Colon	12.4
Melanoma of skin	13.2	Ovary	8.8
Non-Hodgkin lymphoma	11.8	Non-Hodgkin lymphoma	8.6
Testis	11.2	Rectum	8.3
Kidney	9.0	Thyroid	7.3
All sites	400.7	All sites	275.0

Switzerland, St Gall-Appenzell (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	13	0.2	1.0	**0.7**	0.05	0.07	6	0.1	0.4	**0.2**	0.00	0.02	*C00*
Tongue	51	0.8	3.9	**2.4**	0.18	0.29	26	0.5	1.9	**1.2**	0.11	0.14	*C01-02*
Mouth	41	0.6	3.1	**2.0**	0.12	0.26	28	0.5	2.1	**1.2**	0.10	0.13	*C03-06*
Salivary glands	17	0.3	1.3	**0.8**	0.05	0.07	15	0.3	1.1	**0.6**	0.03	0.06	*C07-08*
Tonsil	29	0.4	2.2	**1.5**	0.11	0.20	6	0.1	0.4	**0.4**	0.04	0.04	*C09*
Other oropharynx	21	0.3	1.6	**1.1**	0.08	0.14	11	0.2	0.8	**0.5**	0.04	0.05	*C10*
Nasopharynx	9	0.1	0.7	**0.5**	0.05	0.05	2	0.0	0.1	**0.1**	0.00	0.02	*C11*
Hypopharynx	36	0.5	2.8	**1.8**	0.12	0.22	5	0.1	0.4	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	2	0.0	0.2	**0.1**	0.01	0.01	2	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	139	2.1	10.7	**6.4**	0.41	0.82	25	0.5	1.9	**0.9**	0.07	0.11	*C15*
Stomach	150	2.2	11.5	**6.4**	0.27	0.70	112	2.2	8.4	**3.6**	0.19	0.37	*C16*
Small intestine	23	0.3	1.8	**1.1**	0.06	0.14	19	0.4	1.4	**0.6**	0.03	0.09	*C17*
Colon	492	7.3	37.7	**21.2**	0.90	2.66	381	7.4	28.6	**12.4**	0.65	1.35	*C18*
Rectum	298	4.4	22.9	**14.1**	0.77	1.72	222	4.3	16.6	**8.3**	0.51	0.99	*C19-20*
Anus	11	0.2	0.8	**0.6**	0.04	0.06	22	0.4	1.6	**0.9**	0.06	0.11	*C21*
Liver	132	2.0	10.1	**6.3**	0.37	0.78	48	0.9	3.6	**1.9**	0.10	0.26	*C22*
Gallbladder etc.	50	0.7	3.8	**2.0**	0.09	0.21	81	1.6	6.1	**2.5**	0.08	0.32	*C23-24*
Pancreas	170	2.5	13.0	**7.0**	0.29	0.77	185	3.6	13.9	**5.9**	0.26	0.69	*C25*
Nose, sinuses etc.	4	0.1	0.3	**0.2**	0.02	0.03	11	0.2	0.8	**0.5**	0.04	0.06	*C30-31*
Larynx	69	1.0	5.3	**3.3**	0.20	0.44	8	0.2	0.6	**0.3**	0.03	0.04	*C32*
Trachea, bronchus and lung	804	12.0	61.7	**36.3**	1.75	4.78	354	6.9	26.5	**15.0**	0.97	1.81	*C33-34*
Other thoracic organs	8	0.1	0.6	**0.4**	0.03	0.06	12	0.2	0.9	**0.4**	0.03	0.04	*C37-38*
Bone	11	0.2	0.8	**0.7**	0.04	0.06	13	0.3	1.0	**0.9**	0.06	0.08	*C40-41*
Melanoma of skin	266	4.0	20.4	**13.2**	0.78	1.38	290	5.6	21.7	**13.6**	0.92	1.45	*C43*
Other skin	2005		153.8	**88.0**	4.13	9.97	1667		125.0	**59.0**	3.24	6.66	*C44*
Mesothelioma	58	0.9	4.4	**2.7**	0.16	0.34	7	0.1	0.5	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	35	0.5	2.7	**1.9**	0.12	0.18	48	0.9	3.6	**2.9**	0.18	0.25	*C47+C49*
Breast	9	0.1	0.7	**0.5**	0.03	0.08	1446	28.0	108.4	**64.7**	4.60	7.72	*C50*
Vulva							34	0.7	2.5	**1.1**	0.05	0.10	*C51*
Vagina							13	0.3	1.0	**0.5**	0.04	0.06	*C52*
Cervix uteri							85	1.6	6.4	**4.4**	0.35	0.40	*C53*
Corpus uteri							314	6.1	23.5	**13.4**	0.91	1.68	*C54*
Uterus unspecified							5	0.1	0.4	**0.1**	0.00	0.00	*C55*
Ovary							215	4.2	16.1	**8.8**	0.56	1.11	*C56*
Other female genital organs							21	0.4	1.6	**0.8**	0.04	0.12	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	18	0.3	1.4	**0.8**	0.05	0.09							*C60*
Prostate	1962	29.2	150.5	**87.0**	3.49	11.65							*C61*
Testis	165	2.5	12.7	**11.2**	0.86	0.88							*C62*
Other male genital organs	4	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	183	2.7	14.0	**9.0**	0.52	1.08	94	1.8	7.0	**3.9**	0.21	0.41	*C64*
Renal pelvis	17	0.3	1.3	**0.8**	0.03	0.11	8	0.2	0.6	**0.3**	0.01	0.05	*C65*
Ureter	3	0.0	0.2	**0.1**	0.00	0.02	4	0.1	0.3	**0.1**	0.01	0.02	*C66*
Bladder	562	8.4	43.1	**24.4**	1.03	2.95	168	3.3	12.6	**6.1**	0.35	0.72	*C67*
Other urinary organs	2	0.0	0.2	**0.1**	0.00	0.02	3	0.1	0.2	**0.1**	0.00	0.01	*C68*
Eye	17	0.3	1.3	**1.0**	0.05	0.12	6	0.1	0.4	**0.3**	0.04	0.04	*C69*
Brain, nervous system	115	1.7	8.8	**6.5**	0.44	0.72	91	1.8	6.8	**5.2**	0.36	0.50	*C70-72*
Thyroid	41	0.6	3.1	**2.4**	0.17	0.26	137	2.7	10.3	**7.3**	0.59	0.73	*C73*
Adrenal gland	4	0.1	0.3	**0.3**	0.01	0.03	5	0.1	0.4	**0.3**	0.03	0.03	*C74*
Other endocrine	4	0.1	0.3	**0.3**	0.02	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	38	0.6	2.9	**2.7**	0.18	0.23	35	0.7	2.6	**2.6**	0.16	0.18	*C81*
Non-Hodgkin lymphoma	240	3.6	18.4	**11.8**	0.74	1.32	219	4.2	16.4	**8.6**	0.48	1.01	*C82-85,C96*
Immunoproliferative diseases	5	0.1	0.4	**0.2**	0.00	0.04	8	0.2	0.6	**0.2**	0.01	0.03	*C88*
Multiple myeloma	91	1.4	7.0	**4.1**	0.19	0.50	67	1.3	5.0	**2.6**	0.16	0.27	*C90*
Lymphoid leukaemia	103	1.5	7.9	**6.0**	0.27	0.54	74	1.4	5.5	**3.9**	0.20	0.37	*C91*
Myeloid leukaemia	75	1.1	5.8	**3.7**	0.19	0.37	45	0.9	3.4	**1.8**	0.13	0.16	*C92-94*
Leukaemia unspecified	7	0.1	0.5	**0.3**	0.02	0.02	1	0.0	0.1	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	111	1.7	8.5	**4.7**	0.21	0.49	122	2.4	9.1	**3.4**	0.13	0.33	*O&U*
All sites	8721		669.0	**400.7**	19.72	47.97	6828		511.8	**275.0**	17.17	31.25	*C00-96*
All sites except C44	6716	100.0	515.2	**312.7**	15.59	38.00	5161	100.0	386.9	**216.1**	13.94	24.60	*C00-96 exc. C44*

Switzerland, Ticino

REGISTRATION AREA

The Ticino Cancer Registry covers the canton of Ticino in southern Switzerland. In 2005, the population was 322 000 (74% Swiss and 26% immigrants). The official language is Italian. The economy is based mainly on the services sector (80%), followed by industry and manufacturing (18%) and farming and forestry (2%).

CANCER CARE FACILITIES

During the reporting period, there were four public hospitals, six private facilities, and one radiotherapy department in the canton.

REGISTRY STRUCTURE AND METHODS

The registry was established by cantonal law in 1995 and became active in 1996. The local government provides most of the registry's funding. The registry is located within the Ticino Cantonal Institute of Pathology and is staffed by a full-time physician, two data managers (one full-time and one part-time), and a full-time statistician. It actively collects data on all malignant invasive and in situ tumours. All data are checked and manually coded (according to ICD-O-3) by registry staff members before being entered into the database. Initial plausibility tests are automatically performed during the data entry phase. Other periodically conducted checks and procedures include IARC checks and multiple primary rules and several other plausibility, validity, and consistency checks (such as the logical sequence of dates; the validity of codes; and morphology by topography, sex, and age). Active follow-up of all cancer patients is performed annually, through consultation of the cantonal population office's electronic records.

INTERPRETING THE RESULTS

There are no population-based cancer screening programmes, but opportunistic screening is available for breast, cervical, and prostate cancers.

USE OF THE DATA

Policy-makers often use registry data to plan and evaluate health services. The registry also promotes and is involved in local, national, and international epidemiological research (e.g. analysis of prognostic factors, incidence, and survival), such as EUROCARE, HAEMACARE, RARECARE, CONCORD, the European Cancer Incidence and Mortality (EUROCIM) database, and the Swiss HIV Cohort Study. Further information about the registry's activities is available from its website (http://www.ti.ch/cancer/), which is updated regularly.

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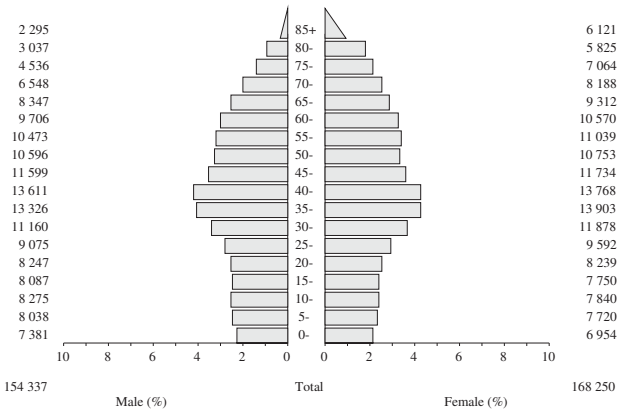
Switzerland, Ticino (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Ticino Cantonal Office of Statistics in Bellinzona, based on annual estimates making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	68.6	Breast	83.3
Trachea, bronchus and lung	44.3	Trachea, bronchus and lung	17.8
Colon	25.1	Melanoma of skin	17.3
Melanoma of skin	17.2	Colon	16.7
Bladder	15.1	Non-Hodgkin lymphoma	10.8
Non-Hodgkin lymphoma	14.3	Ovary	9.2
Rectum	13.5	Thyroid	8.6
Liver	13.5	Corpus uteri	7.7
Kidney	10.5	Pancreas	7.2
Stomach	10.1	Rectum	5.9
All sites	325.4	All sites	251.1

Switzerland, Ticino (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	2	0.0	0.3	**0.1**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C00*
Tongue	33	0.7	4.3	**2.3**	0.15	0.26	15	0.3	1.8	**0.9**	0.05	0.13	*C01-02*
Mouth	41	0.8	5.3	**3.0**	0.23	0.37	25	0.6	3.0	**1.5**	0.08	0.19	*C03-06*
Salivary glands	9	0.2	1.2	**0.5**	0.04	0.04	8	0.2	1.0	**0.3**	0.02	0.03	*C07-08*
Tonsil	17	0.4	2.2	**1.1**	0.06	0.14	9	0.2	1.1	**0.7**	0.05	0.09	*C09*
Other oropharynx	17	0.4	2.2	**1.3**	0.11	0.16	5	0.1	0.6	**0.4**	0.02	0.05	*C10*
Nasopharynx	10	0.2	1.3	**0.9**	0.08	0.09	6	0.1	0.7	**0.4**	0.03	0.03	*C11*
Hypopharynx	23	0.5	3.0	**1.7**	0.12	0.20	3	0.1	0.4	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	7	0.1	0.9	**0.5**	0.06	0.06	2	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	86	1.8	11.1	**5.4**	0.24	0.63	30	0.7	3.6	**1.3**	0.06	0.14	*C15*
Stomach	163	3.4	21.1	**10.1**	0.48	1.22	139	3.2	16.5	**5.8**	0.21	0.71	*C16*
Small intestine	30	0.6	3.9	**2.0**	0.11	0.23	16	0.4	1.9	**0.9**	0.05	0.10	*C17*
Colon	411	8.5	53.3	**25.1**	1.08	2.94	366	8.4	43.5	**16.7**	0.79	1.91	*C18*
Rectum	203	4.2	26.3	**13.5**	0.76	1.68	125	2.9	14.9	**5.9**	0.33	0.69	*C19-20*
Anus	8	0.2	1.0	**0.6**	0.02	0.10	36	0.8	4.3	**2.1**	0.17	0.27	*C21*
Liver	205	4.2	26.6	**13.5**	0.68	1.72	64	1.5	7.6	**2.8**	0.09	0.37	*C22*
Gallbladder etc.	39	0.8	5.1	**2.1**	0.05	0.22	49	1.1	5.8	**1.8**	0.07	0.17	*C23-24*
Pancreas	138	2.9	17.9	**8.3**	0.41	0.87	176	4.0	20.9	**7.2**	0.30	0.84	*C25*
Nose, sinuses etc.	8	0.2	1.0	**0.5**	0.02	0.07	7	0.2	0.8	**0.3**	0.02	0.04	*C30-31*
Larynx	107	2.2	13.9	**7.5**	0.50	1.01	14	0.3	1.7	**0.9**	0.06	0.12	*C32*
Trachea, bronchus and lung	674	13.9	87.3	**44.3**	2.31	5.67	335	7.7	39.8	**17.8**	0.96	2.31	*C33-34*
Other thoracic organs	6	0.1	0.8	**0.7**	0.03	0.07	5	0.1	0.6	**0.5**	0.03	0.03	*C37-38*
Bone	8	0.2	1.0	**1.1**	0.07	0.07	7	0.2	0.8	**0.6**	0.05	0.05	*C40-41*
Melanoma of skin	217	4.5	28.1	**17.2**	1.14	1.83	217	5.0	25.8	**17.3**	1.35	1.74	*C43*
Other skin	9		1.2	**0.5**	0.02	0.05	6		0.7	**0.2**	0.01	0.03	*C44*
Mesothelioma	17	0.4	2.2	**1.2**	0.07	0.19	3	0.1	0.4	**0.1**	0.00	0.00	*C45*
Kaposi sarcoma	7	0.1	0.9	**0.6**	0.04	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	19	0.4	2.5	**1.6**	0.08	0.16	15	0.3	1.8	**1.1**	0.06	0.11	*C47+C49*
Breast	7	0.1	0.9	**0.5**	0.02	0.05	1320	30.2	156.9	**83.3**	6.14	9.40	*C50*
Vulva							24	0.5	2.9	**0.8**	0.02	0.09	*C51*
Vagina							5	0.1	0.6	**0.2**	0.02	0.02	*C52*
Cervix uteri							73	1.7	8.7	**5.1**	0.39	0.49	*C53*
Corpus uteri							132	3.0	15.7	**7.7**	0.49	0.90	*C54*
Uterus unspecified							56	1.3	6.7	**3.4**	0.24	0.37	*C55*
Ovary							152	3.5	18.1	**9.2**	0.65	1.07	*C56*
Other female genital organs							9	0.2	1.1	**0.4**	0.02	0.03	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	13	0.3	1.7	**0.8**	0.05	0.11							*C60*
Prostate	1079	22.3	139.8	**68.6**	3.26	8.93							*C61*
Testis	73	1.5	9.5	**8.8**	0.67	0.68							*C62*
Other male genital organs	1	0.0	0.1	**0.0**	0.00	0.00							*C63*
Kidney	149	3.1	19.3	**10.5**	0.61	1.22	74	1.7	8.8	**5.4**	0.38	0.60	*C64*
Renal pelvis	18	0.4	2.3	**1.3**	0.08	0.16	5	0.1	0.6	**0.2**	0.00	0.01	*C65*
Ureter	8	0.2	1.0	**0.6**	0.04	0.07	4	0.1	0.5	**0.2**	0.01	0.02	*C66*
Bladder	257	5.3	33.3	**15.1**	0.61	1.74	84	1.9	10.0	**3.5**	0.15	0.40	*C67*
Other urinary organs	3	0.1	0.4	**0.2**	0.00	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	5	0.1	0.6	**0.4**	0.03	0.06	3	0.1	0.4	**0.1**	0.00	0.00	*C69*
Brain, nervous system	65	1.3	8.4	**6.0**	0.39	0.67	70	1.6	8.3	**4.9**	0.32	0.53	*C70-72*
Thyroid	21	0.4	2.7	**2.0**	0.15	0.19	98	2.2	11.6	**8.6**	0.66	0.83	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.01	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	46	1.0	6.0	**4.6**	0.29	0.39	20	0.5	2.4	**2.3**	0.14	0.17	*C81*
Non-Hodgkin lymphoma	211	4.4	27.3	**14.3**	0.75	1.58	212	4.8	25.2	**10.8**	0.58	1.27	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.1**	0.00	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	66	1.4	8.6	**4.0**	0.17	0.44	74	1.7	8.8	**3.3**	0.12	0.38	*C90*
Lymphoid leukaemia	66	1.4	8.6	**6.0**	0.33	0.65	45	1.0	5.3	**3.8**	0.19	0.32	*C91*
Myeloid leukaemia	55	1.1	7.1	**3.9**	0.22	0.46	44	1.0	5.2	**2.5**	0.15	0.27	*C92-94*
Leukaemia unspecified	6	0.1	0.8	**0.4**	0.02	0.03	3	0.1	0.4	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	47	1.0	6.1	**3.1**	0.16	0.36	40	0.9	4.8	**2.4**	0.14	0.26	*MPD*
Myelodysplastic syndromes	40	0.8	5.2	**2.0**	0.04	0.15	56	1.3	6.7	**2.2**	0.07	0.22	*MDS*
Other and unspecified	91	1.9	11.8	**5.4**	0.27	0.62	93	2.1	11.1	**3.2**	0.15	0.26	*O&U*
All sites	4842		627.5	**325.4**	17.10	38.65	4382		520.9	**251.1**	15.97	28.13	*C00-96*
All sites except C44	4833	100.0	626.3	**324.9**	17.08	38.60	4376	100.0	520.2	**250.9**	15.96	28.09	*C00-96 exc. C44*

Switzerland, Valais

REGISTRATION AREA

The Valais Cancer Registry covers the canton of Valais (an area of 5225 km^2) in southern Switzerland. In 2009, the population was 307 000. About 30% of residents live in urban areas; the rest live in the mountainous rural region of the Alps. About 29.5% of residents live in the German-speaking area (Upper Valais) and 71% in the French-speaking areas (Central Valais and Lower Valais). Foreign residents (mainly from Italy, Portugal, Montenegro, and Serbia) account for 20% of the population.

CANCER CARE FACILITIES

General health care in the region is provided predominantly by the Hospital of Valais (which has 11 sites and a central institute) and one private clinic. This is supplemented by 687 private practitioners (22 per 10 000 residents). Patients suspected to have cancer are most often referred to the main hospital in Sion (the capital of the canton), which has an oncology department with several specialists, a cancer surgery service, and a centralized radiotherapy service. Cases requiring additional facilities are typically treated in university centres such as Lausanne and Geneva (for French-speaking patients) and Bern and Zurich (for German-speaking patients).

REGISTRY STRUCTURE AND METHODS

The registry, located in Sion, has been administrated by the Valais Health Observatory (http://www.ovs.ch/) since 2002. The registry is financed primarily by the canton of Valais, and the Swiss National Institute for Cancer Epidemiology and Registration (NICER) provides about 15% of the total funding. The registry is staffed by a physician, a half-time registrar, and two part-time secretaries. It uses active case finding from several sources (pathology laboratories, hospitals, departments of oncology and radiotherapy, other Swiss cancer registries, and death certificates). The registry has collected data on all malignant invasive and in situ tumours and all brain tumours in residents of the canton since 1989.

INTERPRETING THE RESULTS

A mammography screening programme (for women aged 50–70 years) was initiated in 1999, and had a participation rate of about 68% in 2007. Opportunistic screening for cervical cancer is common.

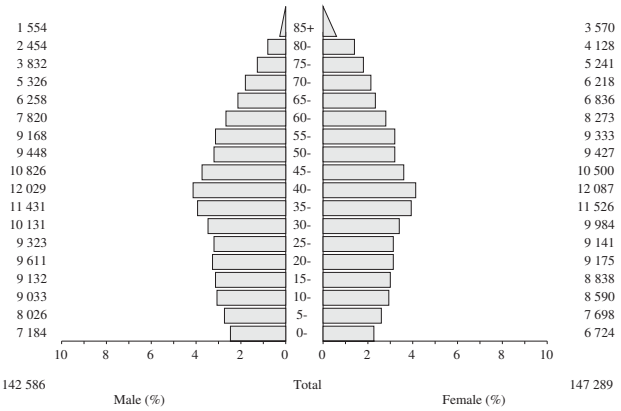
USE OF THE DATA

Registry data are used to inform public health planners, health professionals, and the general population about cancer within the population. Anonymized data are transmitted to NICER for incidence, mortality, and survival analysis.

CONTRIBUTOR

Isabelle Konzelmann

Switzerland, Valais (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Swiss Federal Statistical Office, based on the 2000 census and making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	107.3	Non-melanoma skin cancer	85.9
Prostate	86.9	Breast	79.5
Trachea, bronchus and lung	41.4	Trachea, bronchus and lung	17.4
Bladder	25.4	Melanoma of skin	17.2
Colon	21.5	Colon	12.3
Melanoma of skin	15.9	Corpus uteri	12.2
Liver	14.0	Ovary	10.7
Rectum	13.3	Non-Hodgkin lymphoma	8.7
Non-Hodgkin lymphoma	12.2	Bladder	6.3
Stomach	9.6	Pancreas	6.1
All sites	453.8	All sites	319.4

Switzerland, Valais (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	3	0.1	0.4	**0.1**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	33	0.8	4.6	**3.0**	0.27	0.32	10	0.3	1.4	**0.7**	0.05	0.07	*C01-02*
Mouth	43	1.0	6.0	**4.0**	0.40	0.48	20	0.6	2.7	**1.3**	0.09	0.12	*C03-06*
Salivary glands	13	0.3	1.8	**1.1**	0.04	0.13	3	0.1	0.4	**0.2**	0.01	0.03	*C07-08*
Tonsil	31	0.7	4.3	**2.9**	0.28	0.35	9	0.3	1.2	**0.8**	0.06	0.11	*C09*
Other oropharynx	11	0.3	1.5	**1.0**	0.07	0.14	4	0.1	0.5	**0.3**	0.01	0.06	*C10*
Nasopharynx	8	0.2	1.1	**0.7**	0.06	0.08	3	0.1	0.4	**0.3**	0.01	0.04	*C11*
Hypopharynx	43	1.0	6.0	**4.1**	0.37	0.46	3	0.1	0.4	**0.2**	0.01	0.04	*C12-13*
Pharynx unspecified	10	0.2	1.4	**0.9**	0.06	0.11	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	85	2.0	11.9	**7.0**	0.45	0.87	19	0.6	2.6	**1.2**	0.07	0.14	*C15*
Stomach	125	3.0	17.5	**9.6**	0.47	1.04	85	2.7	11.5	**4.5**	0.22	0.39	*C16*
Small intestine	14	0.3	2.0	**1.2**	0.06	0.16	8	0.3	1.1	**0.5**	0.03	0.07	*C17*
Colon	277	6.7	38.9	**21.5**	1.02	2.62	208	6.7	28.2	**12.3**	0.62	1.45	*C18*
Rectum	168	4.0	23.6	**13.3**	0.60	1.62	92	3.0	12.5	**6.0**	0.36	0.62	*C19-20*
Anus	8	0.2	1.1	**0.7**	0.06	0.06	19	0.6	2.6	**1.6**	0.13	0.18	*C21*
Liver	178	4.3	25.0	**14.0**	0.63	1.67	32	1.0	4.3	**2.1**	0.08	0.25	*C22*
Gallbladder etc.	20	0.5	2.8	**1.5**	0.05	0.14	33	1.1	4.5	**1.9**	0.08	0.22	*C23-24*
Pancreas	108	2.6	15.1	**8.5**	0.36	1.11	111	3.6	15.1	**6.1**	0.26	0.70	*C25*
Nose, sinuses etc.	6	0.1	0.8	**0.5**	0.04	0.07	4	0.1	0.5	**0.3**	0.02	0.02	*C30-31*
Larynx	61	1.5	8.6	**5.4**	0.43	0.67	5	0.2	0.7	**0.3**	0.01	0.03	*C32*
Trachea, bronchus and lung	523	12.6	73.4	**41.4**	2.16	5.21	235	7.5	31.9	**17.4**	1.15	2.18	*C33-34*
Other thoracic organs	7	0.2	1.0	**0.6**	0.04	0.06	2	0.1	0.3	**0.2**	0.01	0.03	*C37-38*
Bone	9	0.2	1.3	**1.0**	0.06	0.08	2	0.1	0.3	**0.2**	0.02	0.02	*C40-41*
Melanoma of skin	168	4.0	23.6	**15.9**	1.01	1.75	185	5.9	25.1	**17.2**	1.22	1.61	*C43*
Other skin	1376		193.0	**107.3**	5.23	12.24	1303		176.9	**85.9**	5.03	9.38	*C44*
Mesothelioma	11	0.3	1.5	**0.9**	0.01	0.15	4	0.1	0.5	**0.2**	0.00	0.03	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	23	0.6	3.2	**1.8**	0.11	0.17	13	0.4	1.8	**1.3**	0.08	0.12	*C47+C49*
Breast	12	0.3	1.7	**1.0**	0.07	0.10	968	31.1	131.4	**79.5**	5.92	9.14	*C50*
Vulva							16	0.5	2.2	**0.7**	0.02	0.04	*C51*
Vagina							1	0.0	0.1	**0.1**	0.01	0.01	*C52*
Cervix uteri							47	1.5	6.4	**4.0**	0.28	0.44	*C53*
Corpus uteri							162	5.2	22.0	**12.2**	0.91	1.50	*C54*
Uterus unspecified							7	0.2	1.0	**0.6**	0.05	0.05	*C55*
Ovary							136	4.4	18.5	**10.7**	0.70	1.31	*C56*
Other female genital organs							6	0.2	0.8	**0.5**	0.04	0.04	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	6	0.1	0.8	**0.6**	0.04	0.07							*C60*
Prostate	1083	26.0	151.9	**86.9**	4.31	11.51							*C61*
Testis	77	1.8	10.8	**9.4**	0.72	0.72							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	84	2.0	11.8	**7.3**	0.46	0.86	57	1.8	7.7	**3.5**	0.18	0.42	*C64*
Renal pelvis	10	0.2	1.4	**0.9**	0.04	0.15	5	0.2	0.7	**0.3**	0.02	0.02	*C65*
Ureter	2	0.0	0.3	**0.2**	0.01	0.03	2	0.1	0.3	**0.2**	0.01	0.03	*C66*
Bladder	327	7.9	45.9	**25.4**	1.18	3.20	101	3.2	13.7	**6.3**	0.45	0.68	*C67*
Other urinary organs	6	0.1	0.8	**0.4**	0.03	0.04	3	0.1	0.4	**0.2**	0.01	0.02	*C68*
Eye	11	0.3	1.5	**1.2**	0.07	0.12	6	0.2	0.8	**1.0**	0.04	0.07	*C69*
Brain, nervous system	52	1.2	7.3	**5.1**	0.36	0.49	43	1.4	5.8	**4.3**	0.26	0.41	*C70-72*
Thyroid	31	0.7	4.3	**3.1**	0.23	0.35	61	2.0	8.3	**5.6**	0.37	0.61	*C73*
Adrenal gland	3	0.1	0.4	**0.5**	0.02	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	25	0.6	3.5	**2.9**	0.19	0.24	17	0.5	2.3	**2.4**	0.12	0.20	*C81*
Non-Hodgkin lymphoma	134	3.2	18.8	**12.2**	0.74	1.27	124	4.0	16.8	**8.7**	0.57	1.00	*C82-85,C96*
Immunoproliferative diseases	5	0.1	0.7	**0.4**	0.04	0.07	2	0.1	0.3	**0.1**	0.00	0.00	*C88*
Multiple myeloma	55	1.3	7.7	**4.2**	0.20	0.52	35	1.1	4.8	**2.2**	0.07	0.29	*C90*
Lymphoid leukaemia	67	1.6	9.4	**7.1**	0.28	0.71	49	1.6	6.7	**4.5**	0.24	0.38	*C91*
Myeloid leukaemia	33	0.8	4.6	**3.2**	0.23	0.27	27	0.9	3.7	**1.9**	0.14	0.18	*C92-94*
Leukaemia unspecified	1	0.0	0.1	**0.1**	0.00	0.00	6	0.2	0.8	**0.4**	0.01	0.05	*C95*
Myeloproliferative disorders	38	0.9	5.3	**3.1**	0.15	0.41	28	0.9	3.8	**1.9**	0.11	0.25	*MPD*
Myelodysplastic syndromes	40	1.0	5.6	**2.7**	0.04	0.31	30	1.0	4.1	**1.3**	0.02	0.10	*MDS*
Other and unspecified	75	1.8	10.5	**5.7**	0.28	0.58	65	2.1	8.8	**3.3**	0.08	0.30	*O&U*
All sites	5541		777.2	**453.8**	24.07	53.85	4418		599.9	**319.4**	20.29	35.46	*C00-96*
All sites except C44	4165	100.0	584.2	**346.6**	18.84	41.61	3115	100.0	423.0	**233.5**	15.26	26.08	*C00-96 exc. C44*

Switzerland, Vaud

REGISTRATION AREA

The Vaud Cancer Registry covers the French-speaking canton of Vaud, which is the fourth largest of the 26 cantons in Switzerland. The canton is composed of 375 communes (only 12 of which have more than 10 000 residents) grouped into 19 administrative and political districts. The population density (230 residents/km^2) is slightly higher than the national average. In 2005, only 23% of Vaud residents were aged less than 19 years, and 15% were aged 65 years or more. Immigrants (predominantly of Mediterranean origin) accounted for about 28% of residents. The main occupations are in industry (19%), agriculture and fishing (4%), and services (76%). Although Lausanne (the canton's capital) and its suburbs cover only 4% (115 km^2) of the canton's area, it is home to about 30% of the canton's total population.

CANCER CARE FACILITIES

In 2005, the registration area had about 3200 hospital beds available for cancer diagnosis and treatment (about 5 per 1000 residents). There were about 3600 hospital medical residents and private practitioners (1 per 180 residents). The canton has a major, multidisciplinary, public university oncology and radiotherapy centre and two private radiotherapy units (available to all residents), as well as several peripheral (mostly hospital-based) medical and surgical oncology facilities and specialists.

REGISTRY STRUCTURE AND METHODS

The registry is part of the Cancer Epidemiology Unit of the Institute of Social and Preventive Medicine within the Faculty of Biology and Medicine of the University of Lausanne. Notification is voluntary. The registry's main sources of information are the University Institute of Pathology at the University of Lausanne and three major private pathology laboratories. Passive and active follow-up are conducted. Data on all deaths in the canton (including cancer deaths) are available. Other features of the registry are good registration of non-melanoma skin cancers, linkage of reports of selected preneoplastic conditions to the registry database (to study subsequent cancer risk), analysis of the risk of second neoplasms for patients registered with a defined primary, and systematic analyses of trends in survival.

INTERPRETING THE RESULTS

A mammography breast cancer screening programme for women aged 50–69 years (about 75 000 women in total) was initiated in 1999.

USE OF THE DATA

Registry data are used for hospital-based case–control studies on head and neck, colorectal, breast, endometrial, and thyroid cancers. They are also used to evaluate the breast cancer screening programme.

CONTRIBUTORS

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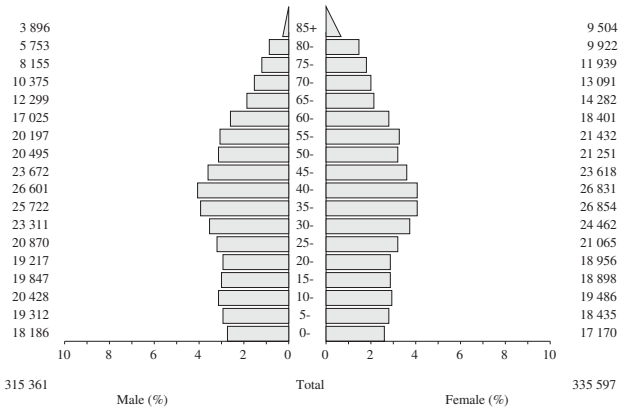
Switzerland, Vaud (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Population estimates provided by the Vaud Cantonal Office of Statistics (SCRIS) for each calendar year and 5-year age group, based on official numbers of births, deaths, immigrations, and emigrations as of 31 December.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	135.7	Non-melanoma skin cancer	111.2
Prostate	101.4	Breast	96.6
Trachea, bronchus and lung	43.1	Trachea, bronchus and lung	21.3
Colon	21.7	Melanoma of skin	19.9
Melanoma of skin	21.2	Colon	14.4
Bladder	15.2	Corpus uteri	11.7
Rectum	13.2	Non-Hodgkin lymphoma	9.2
Non-Hodgkin lymphoma	12.7	Ovary	8.7
Liver	11.0	Rectum	7.2
Pancreas	8.9	Thyroid	5.4
All sites	484.9	All sites	365.5

Switzerland, Vaud (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	11	0.1	0.7	**0.4**	0.02	0.03	2	0.0	0.1	**0.0**	0.00	0.00	*C00*
Tongue	91	1.0	5.8	**3.8**	0.28	0.46	43	0.6	2.6	**1.6**	0.11	0.17	*C01-02*
Mouth	100	1.1	6.3	**4.2**	0.31	0.53	49	0.6	2.9	**1.6**	0.09	0.18	*C03-06*
Salivary glands	17	0.2	1.1	**0.8**	0.04	0.08	9	0.1	0.5	**0.3**	0.02	0.04	*C07-08*
Tonsil	55	0.6	3.5	**2.3**	0.20	0.26	21	0.3	1.3	**0.8**	0.07	0.10	*C09*
Other oropharynx	36	0.4	2.3	**1.5**	0.11	0.19	18	0.2	1.1	**0.7**	0.06	0.08	*C10*
Nasopharynx	20	0.2	1.3	**1.0**	0.08	0.11	4	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	110	1.2	7.0	**4.6**	0.37	0.56	8	0.1	0.5	**0.3**	0.02	0.05	*C12-13*
Pharynx unspecified	7	0.1	0.4	**0.3**	0.01	0.05	3	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	208	2.3	13.2	**8.0**	0.47	1.00	87	1.1	5.2	**2.5**	0.13	0.32	*C15*
Stomach	184	2.0	11.7	**6.9**	0.34	0.86	121	1.6	7.2	**3.5**	0.19	0.37	*C16*
Small intestine	51	0.6	3.2	**1.9**	0.11	0.20	20	0.3	1.2	**0.7**	0.04	0.09	*C17*
Colon	611	6.8	38.7	**21.7**	0.98	2.51	567	7.4	33.8	**14.4**	0.77	1.57	*C18*
Rectum	351	3.9	22.3	**13.2**	0.71	1.65	259	3.4	15.4	**7.2**	0.35	0.87	*C19-20*
Anus	24	0.3	1.5	**0.9**	0.06	0.10	76	1.0	4.5	**2.3**	0.14	0.27	*C21*
Liver	293	3.2	18.6	**11.0**	0.55	1.41	85	1.1	5.1	**2.7**	0.12	0.30	*C22*
Gallbladder etc.	65	0.7	4.1	**2.3**	0.09	0.32	82	1.1	4.9	**1.9**	0.08	0.20	*C23-24*
Pancreas	247	2.7	15.7	**8.9**	0.42	1.04	227	2.9	13.5	**5.2**	0.20	0.58	*C25*
Nose, sinuses etc.	17	0.2	1.1	**0.7**	0.04	0.07	10	0.1	0.6	**0.4**	0.02	0.06	*C30-31*
Larynx	118	1.3	7.5	**4.8**	0.33	0.61	21	0.3	1.3	**0.6**	0.03	0.08	*C32*
Trachea, bronchus and lung	1125	12.5	71.3	**43.1**	2.27	5.45	650	8.4	38.7	**21.3**	1.32	2.76	*C33-34*
Other thoracic organs	9	0.1	0.6	**0.4**	0.03	0.04	4	0.1	0.2	**0.1**	0.01	0.02	*C37-38*
Bone	16	0.2	1.0	**1.1**	0.07	0.07	17	0.2	1.0	**1.0**	0.05	0.08	*C40-41*
Melanoma of skin	508	5.6	32.2	**21.2**	1.29	2.37	517	6.7	30.8	**19.9**	1.50	2.10	*C43*
Other skin	3776		239.5	**135.7**	6.18	15.56	3935		234.5	**111.2**	6.28	12.41	*C44*
Mesothelioma	46	0.5	2.9	**1.6**	0.06	0.20	7	0.1	0.4	**0.2**	0.01	0.03	*C45*
Kaposi sarcoma	23	0.3	1.5	**1.1**	0.09	0.12	5	0.1	0.3	**0.3**	0.02	0.02	*C46*
Connective and soft tissue	52	0.6	3.3	**2.5**	0.17	0.23	48	0.6	2.9	**2.0**	0.12	0.16	*C47+C49*
Breast	23	0.3	1.5	**0.8**	0.03	0.09	2724	35.3	162.3	**96.6**	7.00	11.24	*C50*
Vulva							56	0.7	3.3	**1.4**	0.08	0.14	*C51*
Vagina							13	0.2	0.8	**0.3**	0.01	0.02	*C52*
Cervix uteri							90	1.2	5.4	**3.6**	0.26	0.36	*C53*
Corpus uteri							381	4.9	22.7	**11.7**	0.63	1.51	*C54*
Uterus unspecified							7	0.1	0.4	**0.2**	0.00	0.02	*C55*
Ovary							265	3.4	15.8	**8.7**	0.53	1.07	*C56*
Other female genital organs							13	0.2	0.8	**0.4**	0.01	0.04	*C57*
Placenta							3	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	24	0.3	1.5	**0.9**	0.05	0.09							*C60*
Prostate	2722	30.1	172.6	**101.4**	4.45	13.65							*C61*
Testis	146	1.6	9.3	**8.0**	0.63	0.64							*C62*
Other male genital organs	11	0.1	0.7	**0.3**	0.01	0.01							*C63*
Kidney	213	2.4	13.5	**8.5**	0.44	0.99	112	1.5	6.7	**3.4**	0.16	0.37	*C64*
Renal pelvis	17	0.2	1.1	**0.6**	0.03	0.08	13	0.2	0.8	**0.3**	0.01	0.02	*C65*
Ureter	14	0.2	0.9	**0.5**	0.02	0.06	7	0.1	0.4	**0.2**	0.01	0.03	*C66*
Bladder	445	4.9	28.2	**15.2**	0.62	1.75	119	1.5	7.1	**3.0**	0.12	0.35	*C67*
Other urinary organs	7	0.1	0.4	**0.2**	0.00	0.02	5	0.1	0.3	**0.1**	0.00	0.00	*C68*
Eye	11	0.1	0.7	**0.4**	0.02	0.06	12	0.2	0.7	**0.5**	0.02	0.04	*C69*
Brain, nervous system	127	1.4	8.1	**6.0**	0.36	0.59	94	1.2	5.6	**3.5**	0.23	0.36	*C70-72*
Thyroid	49	0.5	3.1	**2.4**	0.18	0.24	126	1.6	7.5	**5.4**	0.44	0.52	*C73*
Adrenal gland	6	0.1	0.4	**0.4**	0.03	0.04	4	0.1	0.2	**0.4**	0.02	0.02	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	2	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	53	0.6	3.4	**2.8**	0.20	0.23	43	0.6	2.6	**2.3**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	314	3.5	19.9	**12.7**	0.70	1.43	285	3.7	17.0	**9.2**	0.55	1.04	*C82-85,C96*
Immunoproliferative diseases	2	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	102	1.1	6.5	**3.7**	0.20	0.45	95	1.2	5.7	**2.6**	0.13	0.31	*C90*
Lymphoid leukaemia	82	0.9	5.2	**3.9**	0.23	0.33	59	0.8	3.5	**2.4**	0.11	0.19	*C91*
Myeloid leukaemia	106	1.2	6.7	**4.5**	0.27	0.47	70	0.9	4.2	**2.5**	0.15	0.25	*C92-94*
Leukaemia unspecified	7	0.1	0.4	**0.2**	0.00	0.00	5	0.1	0.3	**0.1**	0.00	0.02	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.0**	0.00	0.00	*MDS*
Other and unspecified	158	1.7	10.0	**5.3**	0.23	0.56	150	1.9	8.9	**3.6**	0.17	0.35	*O&U*
All sites	12810		812.4	**484.9**	24.39	57.88	11649		694.2	**365.5**	22.61	41.41	*C00-96*
All sites except C44	9034	100.0	572.9	**349.2**	18.21	42.32	7714	100.0	459.7	**254.3**	16.33	29.00	*C00-96 exc. C44*

Switzerland, Zurich

REGISTRATION AREA

The Zurich Canton Cancer Registry covers the predominantly urban, German-speaking canton of Zurich in Switzerland (an area of 1729 km^2). In 2005, the population was 1.3 million, making Zurich the most populous of the 26 Swiss cantons. Immigrants (mostly from eastern and southern Europe and Germany) account for 22% of the population. About 37% of residents are Protestant and 29% Roman Catholic.

CANCER CARE FACILITIES

Health care is provided by more than 40 public or private cantonal hospitals and clinics, some with special oncology and/or radiation oncology departments. There is a mandatory basic health insurance system and a national cancer programme.

REGISTRY STRUCTURE AND METHODS

The registry was established by cantonal resolution in 1980. It is affiliated with the Institute of Surgical Pathology at the University Hospital Zurich and the Institute of Social and Preventive Medicine at the University of Zurich. The registry is financed by the canton, the federal government, and third-party funds. Notification is voluntary, and a federal law allows cancer registries to receive non-anonymized data. The registry is staffed by three physicians specializing in public health, five registrars, and a database manager. The main information sources are reports from pathology and haematology laboratories. Patient lists with cancer-specific ICD-10 codes from hospital files and medical records are additional sources. Most of these files are actively abstracted by the registry staff. Treating physicians are asked for further information when needed. Date of death is supplied by official population registries and by the Swiss Federal Statistics Office. Death certificates are used for additional case finding. All information is manually checked and coded. Plausibility checks are performed regularly by the database manager. Additional checks are done before national analysis.

INTERPRETING THE RESULTS

Registry coverage is estimated to be high and stable. There are no organized cancer screening programmes in the canton, but opportunistic screening for breast, cervical, and prostate cancers is common.

USE OF THE DATA

Registry data are used to produce annual cantonal cancer incidence and mortality statistics and national statistics to help policy-makers in planning and evaluating health services. The registry also participates in national and international clinical and epidemiological studies.

CONTRIBUTORS

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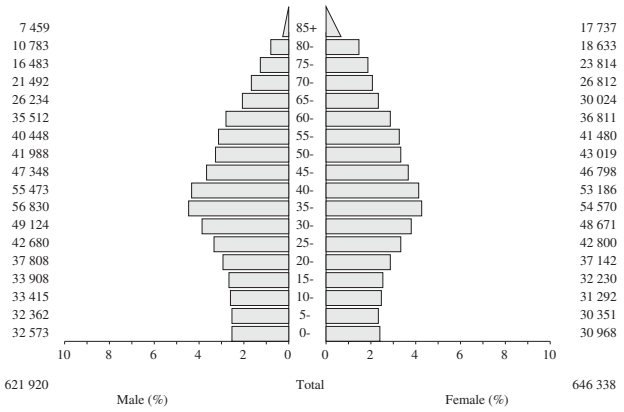
Switzerland, Zurich (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the Swiss Federal Statistical Office, based on the 2000 census and making allowances for births, deaths, and migration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	90.4	Breast	79.1
Trachea, bronchus and lung	35.6	Trachea, bronchus and lung	18.0
Bladder	23.0	Melanoma of skin	16.6
Colon	19.2	Colon	14.6
Melanoma of skin	17.3	Corpus uteri	11.6
Non-Hodgkin lymphoma	12.1	Non-Hodgkin lymphoma	9.8
Rectum	12.1	Ovary	7.4
Testis	9.7	Rectum	6.5
Kidney	7.8	Thyroid	6.5
Stomach	7.2	Pancreas	6.2
All sites	321.4	All sites	237.8

Switzerland, Zurich (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	31	0.2	1.0	**0.5**	0.03	0.07	8	0.1	0.2	**0.1**	0.01	0.01	*C00*
Tongue	137	0.8	4.4	**2.8**	0.18	0.36	77	0.5	2.4	**1.3**	0.10	0.15	*C01-02*
Mouth	106	0.6	3.4	**2.2**	0.18	0.26	65	0.5	2.0	**1.1**	0.07	0.13	*C03-06*
Salivary glands	33	0.2	1.1	**0.6**	0.03	0.07	23	0.2	0.7	**0.5**	0.04	0.05	*C07-08*
Tonsil	69	0.4	2.2	**1.4**	0.10	0.19	22	0.2	0.7	**0.5**	0.04	0.05	*C09*
Other oropharynx	65	0.4	2.1	**1.4**	0.12	0.17	30	0.2	0.9	**0.5**	0.04	0.07	*C10*
Nasopharynx	27	0.2	0.9	**0.6**	0.05	0.06	8	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	88	0.5	2.8	**1.8**	0.12	0.23	20	0.1	0.6	**0.4**	0.04	0.05	*C12-13*
Pharynx unspecified	9	0.1	0.3	**0.2**	0.02	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	250	1.5	8.0	**4.8**	0.29	0.60	106	0.7	3.3	**1.5**	0.09	0.19	*C15*
Stomach	398	2.3	12.8	**7.2**	0.35	0.85	258	1.8	8.0	**3.3**	0.18	0.34	*C16*
Small intestine	71	0.4	2.3	**1.4**	0.09	0.16	44	0.3	1.4	**0.7**	0.04	0.07	*C17*
Colon	1114	6.6	35.8	**19.2**	0.81	2.17	1097	7.6	33.9	**14.6**	0.67	1.68	*C18*
Rectum	658	3.9	21.2	**12.1**	0.60	1.51	455	3.2	14.1	**6.5**	0.36	0.77	*C19-20*
Anus	40	0.2	1.3	**0.8**	0.06	0.10	103	0.7	3.2	**1.7**	0.11	0.22	*C21*
Liver	314	1.9	10.1	**6.0**	0.26	0.78	161	1.1	5.0	**2.1**	0.09	0.26	*C22*
Gallbladder etc.	114	0.7	3.7	**2.0**	0.08	0.24	158	1.1	4.9	**2.0**	0.06	0.24	*C23-24*
Pancreas	406	2.4	13.1	**7.0**	0.30	0.77	480	3.3	14.9	**6.2**	0.26	0.73	*C25*
Nose, sinuses etc.	38	0.2	1.2	**0.8**	0.05	0.09	30	0.2	0.9	**0.6**	0.04	0.06	*C30-31*
Larynx	195	1.2	6.3	**3.8**	0.22	0.50	26	0.2	0.8	**0.5**	0.02	0.06	*C32*
Trachea, bronchus and lung	1941	11.5	62.4	**35.6**	1.79	4.46	1109	7.7	34.3	**18.0**	1.15	2.27	*C33-34*
Other thoracic organs	35	0.2	1.1	**0.7**	0.03	0.06	14	0.1	0.4	**0.2**	0.01	0.02	*C37-38*
Bone	35	0.2	1.1	**1.0**	0.07	0.09	24	0.2	0.7	**0.8**	0.05	0.05	*C40-41*
Melanoma of skin	866	5.1	27.8	**17.3**	1.01	1.98	871	6.0	27.0	**16.6**	1.14	1.67	*C43*
Other skin	48		1.5	**1.0**	0.06	0.09	49		1.5	**0.6**	0.03	0.07	*C44*
Mesothelioma	144	0.8	4.6	**2.6**	0.13	0.32	22	0.2	0.7	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	33	0.2	1.1	**0.7**	0.06	0.07	2	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	112	0.7	3.6	**2.4**	0.12	0.22	94	0.7	2.9	**1.5**	0.09	0.15	*C47+C49*
Breast	27	0.2	0.9	**0.5**	0.03	0.06	4459	30.9	138.0	**79.1**	5.66	9.24	*C50*
Vulva							102	0.7	3.2	**1.4**	0.08	0.13	*C51*
Vagina							25	0.2	0.8	**0.4**	0.02	0.04	*C52*
Cervix uteri							210	1.5	6.5	**4.3**	0.33	0.42	*C53*
Corpus uteri							730	5.1	22.6	**11.6**	0.72	1.45	*C54*
Uterus unspecified							22	0.2	0.7	**0.3**	0.02	0.02	*C55*
Ovary							452	3.1	14.0	**7.4**	0.47	0.88	*C56*
Other female genital organs							39	0.3	1.2	**0.6**	0.04	0.07	*C57*
Placenta							3	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	36	0.2	1.2	**0.6**	0.03	0.07							*C60*
Prostate	4925	29.1	158.4	**90.4**	3.98	12.11							*C61*
Testis	369	2.2	11.9	**9.7**	0.74	0.76							*C62*
Other male genital organs	6	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	411	2.4	13.2	**7.8**	0.41	0.91	202	1.4	6.3	**3.2**	0.18	0.35	*C64*
Renal pelvis	37	0.2	1.2	**0.6**	0.02	0.05	27	0.2	0.8	**0.3**	0.01	0.04	*C65*
Ureter	18	0.1	0.6	**0.3**	0.01	0.05	11	0.1	0.3	**0.1**	0.01	0.02	*C66*
Bladder	1329	7.8	42.7	**23.0**	0.93	2.66	451	3.1	14.0	**6.1**	0.28	0.75	*C67*
Other urinary organs	10	0.1	0.3	**0.1**	0.01	0.01	7	0.0	0.2	**0.1**	0.00	0.02	*C68*
Eye	41	0.2	1.3	**1.0**	0.06	0.10	40	0.3	1.2	**0.7**	0.05	0.09	*C69*
Brain, nervous system	271	1.6	8.7	**6.3**	0.41	0.67	193	1.3	6.0	**3.8**	0.25	0.40	*C70-72*
Thyroid	116	0.7	3.7	**2.7**	0.20	0.27	295	2.0	9.1	**6.5**	0.50	0.61	*C73*
Adrenal gland	13	0.1	0.4	**0.7**	0.03	0.04	10	0.1	0.3	**0.5**	0.02	0.02	*C74*
Other endocrine	5	0.0	0.2	**0.2**	0.01	0.01	4	0.0	0.1	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	109	0.6	3.5	**3.1**	0.21	0.26	73	0.5	2.3	**2.1**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	620	3.7	19.9	**12.1**	0.67	1.31	584	4.0	18.1	**9.8**	0.57	1.06	*C82-85,C96*
Immunoproliferative diseases	38	0.2	1.2	**0.7**	0.03	0.07	30	0.2	0.9	**0.4**	0.02	0.06	*C88*
Multiple myeloma	238	1.4	7.7	**4.2**	0.21	0.49	200	1.4	6.2	**2.6**	0.12	0.32	*C90*
Lymphoid leukaemia	251	1.5	8.1	**5.6**	0.29	0.51	187	1.3	5.8	**3.2**	0.15	0.30	*C91*
Myeloid leukaemia	196	1.2	6.3	**4.0**	0.19	0.42	161	1.1	5.0	**2.7**	0.15	0.28	*C92-94*
Leukaemia unspecified	10	0.1	0.3	**0.3**	0.01	0.02	8	0.1	0.2	**0.3**	0.01	0.02	*C95*
Myeloproliferative disorders	99	0.6	3.2	**1.9**	0.10	0.22	122	0.8	3.8	**2.0**	0.12	0.22	*MPD*
Myelodysplastic syndromes	173	1.0	5.6	**2.9**	0.09	0.30	134	0.9	4.1	**1.6**	0.07	0.16	*MDS*
Other and unspecified	267	1.6	8.6	**4.4**	0.17	0.44	336	2.3	10.4	**4.1**	0.18	0.44	*O&U*
All sites	16992		546.4	**321.4**	16.07	38.30	14474		447.9	**237.8**	14.93	27.00	*C00-96*
All sites except C44	16944	100.0	544.9	**320.4**	16.01	38.22	14425	100.0	446.4	**237.1**	14.89	26.93	*C00-96 exc. C44*

Ukraine

REGISTRATION AREA

The National Cancer Registry of Ukraine (NCRU) covers all of Ukraine. The population is about 47 million and has been steadily decreasing since the mid-1990s. About 66% of residents live in urban areas.

CANCER CARE FACILITIES

There are 43 oncology centres and 735 oncology departments and offices that provide cancer care and report cancer cases. Two state cancer programmes have been implemented, called Oncology 2002–2006 and Children's Oncology 2006–2010.

REGISTRY STRUCTURE AND METHODS

The NCRU started in 1989 and received legislative approval by order of the Ministry of Health of Ukraine in 1996. The NCRU operates as a distributed network. The central unit is a department of the Ukrainian National Cancer Institute; it collects all personal data from regional cancer registries, which gather information on each cancer case or death that occurs in their respective regions. There is also a network of hospital-based cancer registries. The standardization of the information technologies used by the hospital- and population-based registries and the capacity for data exchange between them are particularly relevant for improving the quality and completeness of cancer data, and are major prerequisites for creating a common information medium in oncology. The NCRU procedures for data quality control are based mainly on IARC recommendations, including checks of data accuracy, consistency, and integrity. These procedures include automatic coding of certain data attributes (ICD and ICD-O codes are derived from registered site and morphology of the tumour), checking disease stage based on the TNM indices registered, and checking for correct registration of multiple primary tumours. Particular attention is paid to avoiding and eliminating duplicate records.

INTERPRETING THE RESULTS

As part of the Oncology 2002–2006 programme, several screening programmes were implemented for the period 2002–2006: for cancers of the cervix, breast, colon and rectum, prostate, skin, and oral cavity.

USE OF THE DATA

The registry publishes the *Bulletin of the National Cancer Registry: Cancer in Ukraine*, which is available from the NCRU website (http://users.i.kiev.ua/~ucr/). NCRU technology and data are also used for the planning and evaluation of regional health services, scientific research on the consequences of the Chernobyl accident, and survival analysis.

CONTRIBUTORS

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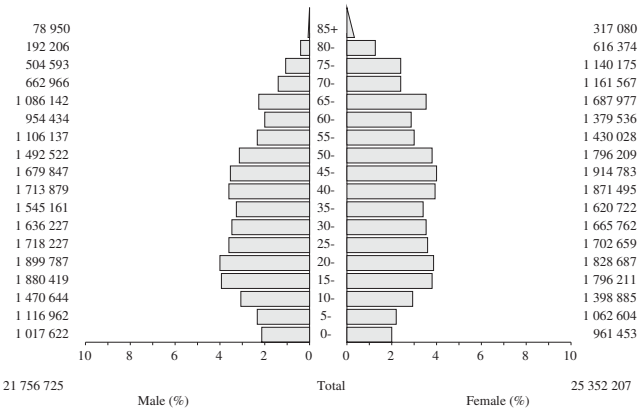
Ukraine (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2001 census, making allowances for births and deaths (http://database.ukrcensus.gov.ua/MULT/Database/Census/databasetree_en.asp).

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	50.9	Breast	39.9
Non-melanoma skin cancer	25.2	Non-melanoma skin cancer	19.7
Stomach	25.1	Corpus uteri	16.0
Prostate	18.1	Cervix uteri	14.5
Rectum	14.6	Ovary	10.7
Colon	14.2	Stomach	10.5
Bladder	13.4	Colon	10.5
Kidney	9.9	Rectum	8.7
Other and unspecified	9.2	Trachea, bronchus and lung	6.4
Pancreas	8.6	Thyroid	5.9
All sites	260.6	All sites	190.1

Ukraine (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	5266	1.5	4.8	**3.3**	0.16	0.42	1871	0.5	1.5	**0.6**	0.02	0.07	*C00*
Tongue	3734	1.0	3.4	**2.5**	0.21	0.31	630	0.2	0.5	**0.3**	0.02	0.03	*C01-02*
Mouth	4931	1.4	4.5	**3.4**	0.28	0.40	812	0.2	0.6	**0.3**	0.02	0.04	*C03-06*
Salivary glands	1518	0.4	1.4	**1.0**	0.07	0.12	1010	0.3	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	1985	0.6	1.8	**1.3**	0.11	0.16	466	0.1	0.4	**0.2**	0.01	0.02	*C09*
Other oropharynx	1994	0.6	1.8	**1.4**	0.12	0.17	159	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	677	0.2	0.6	**0.5**	0.04	0.05	406	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	3474	1.0	3.2	**2.4**	0.20	0.29	139	0.0	0.1	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	326	0.1	0.3	**0.2**	0.02	0.03	32	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	8078	2.2	7.4	**5.4**	0.39	0.67	1256	0.3	1.0	**0.4**	0.02	0.05	*C15*
Stomach	39350	10.9	36.2	**25.1**	1.50	3.16	26720	7.4	21.1	**10.5**	0.61	1.31	*C16*
Small intestine	513	0.1	0.5	**0.3**	0.02	0.04	483	0.1	0.4	**0.2**	0.01	0.03	*C17*
Colon	22694	6.3	20.9	**14.2**	0.74	1.80	26750	7.4	21.1	**10.5**	0.63	1.33	*C18*
Rectum	23205	6.4	21.3	**14.6**	0.80	1.88	21387	5.9	16.9	**8.7**	0.55	1.10	*C19-20*
Anus	438	0.1	0.4	**0.3**	0.02	0.04	640	0.2	0.5	**0.3**	0.02	0.03	*C21*
Liver	5117	1.4	4.7	**3.3**	0.20	0.41	3706	1.0	2.9	**1.5**	0.09	0.18	*C22*
Gallbladder etc.	1923	0.5	1.8	**1.2**	0.06	0.15	3556	1.0	2.8	**1.3**	0.08	0.17	*C23-24*
Pancreas	13321	3.7	12.2	**8.6**	0.56	1.05	10911	3.0	8.6	**4.1**	0.22	0.51	*C25*
Nose, sinuses etc.	1264	0.4	1.2	**0.8**	0.06	0.10	782	0.2	0.6	**0.4**	0.02	0.04	*C30-31*
Larynx	12912	3.6	11.9	**8.6**	0.67	1.07	555	0.2	0.4	**0.3**	0.02	0.03	*C32*
Trachea, bronchus and lung	79481	22.1	73.1	**50.9**	3.17	6.67	16290	4.5	12.9	**6.4**	0.38	0.78	*C33-34*
Other thoracic organs	1544	0.4	1.4	**1.1**	0.08	0.12	953	0.3	0.8	**0.6**	0.04	0.05	*C37-38*
Bone	1786	0.5	1.6	**1.4**	0.09	0.13	1455	0.4	1.1	**0.9**	0.06	0.08	*C40-41*
Melanoma of skin	5285	1.5	4.9	**3.6**	0.25	0.40	7907	2.2	6.2	**3.9**	0.29	0.42	*C43*
Other skin	40298		37.0	**25.2**	1.19	2.89	54080		42.7	**19.7**	1.03	2.35	*C44*
Mesothelioma	790	0.2	0.7	**0.5**	0.04	0.06	671	0.2	0.5	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	121	0.0	0.1	**0.1**	0.00	0.01	57	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	2693	0.7	2.5	**2.0**	0.13	0.20	3087	0.9	2.4	**1.6**	0.11	0.16	*C47+C49*
Breast	723	0.2	0.7	**0.5**	0.03	0.06	81875	22.6	64.6	**39.9**	3.12	4.49	*C50*
Vulva							3345	0.9	2.6	**1.1**	0.05	0.14	*C51*
Vagina							765	0.2	0.6	**0.3**	0.02	0.04	*C52*
Cervix uteri							25373	7.0	20.0	**14.5**	1.17	1.44	*C53*
Corpus uteri							33510	9.3	26.4	**16.0**	1.30	1.95	*C54*
Uterus unspecified							436	0.1	0.3	**0.2**	0.02	0.02	*C55*
Ovary							20881	5.8	16.5	**10.7**	0.83	1.19	*C56*
Other female genital organs							442	0.1	0.3	**0.2**	0.02	0.03	*C57*
Placenta							183	0.1	0.1	**0.2**	0.01	0.01	*C58*
Penis	980	0.3	0.9	**0.6**	0.04	0.07							*C60*
Prostate	30370	8.4	27.9	**18.1**	0.65	2.33							*C61*
Testis	2441	0.7	2.2	**1.9**	0.14	0.15							*C62*
Other male genital organs	103	0.0	0.1	**0.1**	0.00	0.01							*C63*
Kidney	14553	4.0	13.4	**9.9**	0.71	1.17	9741	2.7	7.7	**4.8**	0.35	0.56	*C64*
Renal pelvis	198	0.1	0.2	**0.1**	0.01	0.02	117	0.0	0.1	**0.0**	0.00	0.01	*C65*
Ureter	131	0.0	0.1	**0.1**	0.00	0.01	95	0.0	0.1	**0.0**	0.00	0.00	*C66*
Bladder	21497	6.0	19.8	**13.4**	0.67	1.69	4426	1.2	3.5	**1.7**	0.09	0.20	*C67*
Other urinary organs	40	0.0	0.0	**0.0**	0.00	0.00	92	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	700	0.2	0.6	**0.6**	0.04	0.06	785	0.2	0.6	**0.5**	0.03	0.05	*C69*
Brain, nervous system	6425	1.8	5.9	**5.1**	0.38	0.49	5753	1.6	4.5	**3.8**	0.29	0.35	*C70-72*
Thyroid	2167	0.6	2.0	**1.5**	0.11	0.16	10076	2.8	7.9	**5.9**	0.48	0.58	*C73*
Adrenal gland	482	0.1	0.4	**0.4**	0.03	0.04	401	0.1	0.3	**0.2**	0.02	0.02	*C74*
Other endocrine	89	0.0	0.1	**0.1**	0.01	0.01	85	0.0	0.1	**0.1**	0.00	0.00	*C75*
Hodgkin lymphoma	2971	0.8	2.7	**2.4**	0.17	0.20	3085	0.9	2.4	**2.3**	0.16	0.18	*C81*
Non-Hodgkin lymphoma	5479	1.5	5.0	**4.0**	0.27	0.42	4752	1.3	3.7	**2.4**	0.16	0.26	*C82-85,C96*
Immunoproliferative diseases	84	0.0	0.1	**0.1**	0.00	0.01	77	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	1638	0.5	1.5	**1.1**	0.08	0.13	1988	0.5	1.6	**0.9**	0.06	0.11	*C90*
Lymphoid leukaemia	5847	1.6	5.4	**4.6**	0.26	0.46	4571	1.3	3.6	**2.7**	0.15	0.26	*C91*
Myeloid leukaemia	3231	0.9	3.0	**2.4**	0.15	0.25	3234	0.9	2.6	**1.8**	0.12	0.18	*C92-94*
Leukaemia unspecified	928	0.3	0.9	**0.7**	0.04	0.07	896	0.2	0.7	**0.5**	0.03	0.05	*C95*
Myeloproliferative disorders	517	0.1	0.5	**0.4**	0.03	0.04	478	0.1	0.4	**0.3**	0.02	0.03	*MPD*
Myelodysplastic syndromes	131	0.0	0.1	**0.1**	0.00	0.01	128	0.0	0.1	**0.1**	0.00	0.01	*MDS*
Other and unspecified	13971	3.9	12.8	**9.2**	0.57	1.13	11531	3.2	9.1	**4.9**	0.30	0.58	*O&U*
All sites	400414		368.1	**260.6**	15.56	31.78	415892		328.1	**190.1**	13.19	21.68	*C00-96*
All sites except C44	360116	100.0	331.0	**235.4**	14.38	28.89	361812	100.0	285.4	**170.4**	12.16	19.33	*C00-96 exc. C44*

United Kingdom, England

REGISTRATION AREA

The England data submitted for this volume cover a population of more than 50 million. Most residents live in metropolitan or smaller urban areas, and the rest live in mixed urban/rural areas. At the 2001 census, 91% of residents described themselves as White, 4.6% as Asian, 2.3% as Black, and 2.1% as mixed, Chinese, or other ethnic groups.

CANCER CARE FACILITIES

Cancer patients are treated within the National Health Service (NHS), which is free at the point of use. A minority of patients receive care within the private sector. Cancer services were restructured in 1995; cancer specialists now work in multidisciplinary teams, with services concentrated in specialized centres. Waiting-time targets have been set and cancer audits established. These initiatives were reinforced by the NHS Cancer Plan published in 2000.

REGISTRY STRUCTURE AND METHODS

Cancer is not a reportable disease in England. The collection of personally identifiable information is permitted by a special provision within the NHS Act 2006. Tumours diagnosed in 2003–2007 were registered by eight population-based registries that collectively cover all of England. The data included in this volume were submitted from the National Cancer Data Repository (NCDR), which provides annual aggregate information for England. Data are collected from sources including hospital records, pathology reports, and waiting-time datasets, but the registries' methods vary. Each registry is notified by the national death registration system of all resident deaths with a death certificate mentioning cancer.

INTERPRETING THE RESULTS

A breast screening programme was established for women aged 50–64 years in 1988, and was extended to women aged up to 70 years in 2005. Cervical screening is offered to women aged 25–64 years. A colorectal screening programme for residents aged 60–69 years was initiated in 2006.

USE OF THE DATA

The England registries perform a variety of public health surveillance and health protection functions and provide information to health organizations and researchers. The registries are the only source of reliable, population-based cancer incidence, prevalence, and survival data, which are essential for the implementation and monitoring of key national initiatives, such as the Cancer Reform Strategy (2007).

CONTRIBUTORS

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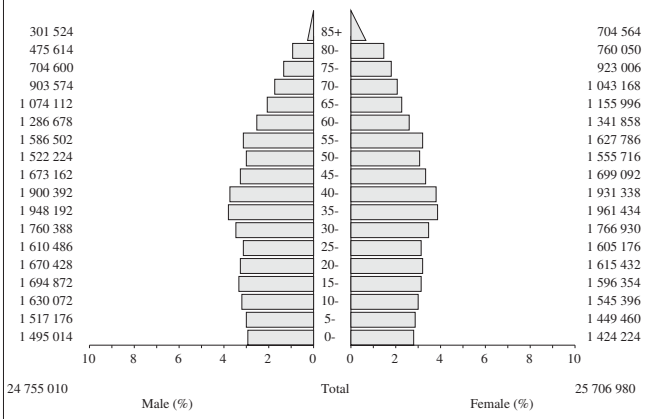
UK, England (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on 2010 Small Area Population Estimates provided by the UK Office for National Statistics (ONS) in Titchfield, England, making allowances for births, deaths, and internal and external migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	73.5	Breast	85.4
Prostate	65.0	Non-melanoma skin cancer	51.2
Trachea, bronchus and lung	39.1	Trachea, bronchus and lung	23.6
Colon	20.3	Colon	15.0
Bladder	19.6	Ovary	12.7
Rectum	15.1	Corpus uteri	12.3
Non-Hodgkin lymphoma	11.6	Melanoma of skin	11.3
Other and unspecified	10.7	Other and unspecified	9.7
Melanoma of skin	9.8	Non-Hodgkin lymphoma	8.2
Oesophagus	9.3	Rectum	7.7
All sites	358.4	All sites	301.5

UK, England (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	721	0.1	0.6	**0.3**	0.02	0.04	371	0.1	0.3	**0.1**	0.01	0.01	*C00*
Tongue	3883	0.6	3.1	**2.1**	0.16	0.25	2242	0.4	1.7	**1.0**	0.07	0.12	*C01-02*
Mouth	3567	0.6	2.9	**1.9**	0.14	0.22	2494	0.4	1.9	**1.0**	0.07	0.12	*C03-06*
Salivary glands	1365	0.2	1.1	**0.7**	0.04	0.07	1040	0.2	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	2406	0.4	1.9	**1.4**	0.12	0.16	819	0.1	0.6	**0.4**	0.04	0.05	*C09*
Other oropharynx	605	0.1	0.5	**0.3**	0.03	0.04	215	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	721	0.1	0.6	**0.4**	0.03	0.05	331	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	1355	0.2	1.1	**0.7**	0.05	0.08	459	0.1	0.4	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	677	0.1	0.5	**0.3**	0.02	0.04	289	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	20672	3.3	16.7	**9.3**	0.47	1.10	11338	1.9	8.8	**3.5**	0.15	0.40	*C15*
Stomach	21279	3.4	17.2	**8.9**	0.34	1.02	11753	2.0	9.1	**3.6**	0.14	0.38	*C16*
Small intestine	1963	0.3	1.6	**0.9**	0.05	0.11	1665	0.3	1.3	**0.6**	0.04	0.07	*C17*
Colon	47611	7.6	38.5	**20.3**	0.83	2.34	45457	7.6	35.4	**15.0**	0.66	1.71	*C18*
Rectum	33408	5.3	27.0	**15.1**	0.73	1.86	21608	3.6	16.8	**7.7**	0.40	0.91	*C19-20*
Anus	1491	0.2	1.2	**0.7**	0.05	0.08	2274	0.4	1.8	**1.0**	0.06	0.11	*C21*
Liver	8150	1.3	6.6	**3.7**	0.18	0.43	4943	0.8	3.8	**1.7**	0.08	0.19	*C22*
Gallbladder etc.	2447	0.4	2.0	**1.1**	0.05	0.12	3357	0.6	2.6	**1.1**	0.05	0.14	*C23-24*
Pancreas	15744	2.5	12.7	**6.9**	0.32	0.82	16736	2.8	13.0	**5.4**	0.23	0.62	*C25*
Nose, sinuses etc.	978	0.2	0.8	**0.5**	0.03	0.06	720	0.1	0.6	**0.3**	0.02	0.03	*C30-31*
Larynx	7210	1.2	5.8	**3.5**	0.22	0.44	1504	0.3	1.2	**0.6**	0.04	0.08	*C32*
Trachea, bronchus and lung	91908	14.7	74.3	**39.1**	1.61	4.67	66276	11.0	51.6	**23.6**	1.13	2.91	*C33-34*
Other thoracic organs	854	0.1	0.7	**0.5**	0.03	0.05	680	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	1408	0.2	1.1	**1.0**	0.06	0.08	1064	0.2	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	18462	2.9	14.9	**9.8**	0.65	1.08	21822	3.6	17.0	**11.3**	0.82	1.15	*C43*
Other skin	169801		137.2	**73.5**	3.25	8.27	141899		110.4	**51.2**	2.76	5.71	*C44*
Mesothelioma	8224	1.3	6.6	**3.6**	0.15	0.45	1677	0.3	1.3	**0.6**	0.03	0.08	*C45*
Kaposi sarcoma	510	0.1	0.4	**0.3**	0.03	0.03	118	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	4045	0.6	3.3	**2.2**	0.13	0.21	3138	0.5	2.4	**1.6**	0.10	0.16	*C47+C49*
Breast	1297	0.2	1.0	**0.6**	0.03	0.07	181414	30.2	141.1	**85.4**	6.33	9.66	*C50*
Vulva							4408	0.7	3.4	**1.6**	0.09	0.17	*C51*
Vagina							1001	0.2	0.8	**0.4**	0.03	0.05	*C52*
Cervix uteri							11638	1.9	9.1	**6.8**	0.52	0.62	*C53*
Corpus uteri							27768	4.6	21.6	**12.3**	0.84	1.57	*C54*
Uterus unspecified							1431	0.2	1.1	**0.6**	0.03	0.06	*C55*
Ovary							28125	4.7	21.9	**12.7**	0.85	1.46	*C56*
Other female genital organs							748	0.1	0.6	**0.3**	0.02	0.04	*C57*
Placenta							43	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	1870	0.3	1.5	**0.9**	0.06	0.11							*C60*
Prostate	150941	24.1	121.9	**65.0**	2.49	8.31							*C61*
Testis	8337	1.3	6.7	**6.2**	0.47	0.48							*C62*
Other male genital organs	287	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	16839	2.7	13.6	**8.2**	0.46	0.95	10287	1.7	8.0	**4.3**	0.25	0.50	*C64*
Renal pelvis	1009	0.2	0.8	**0.4**	0.02	0.05	706	0.1	0.5	**0.2**	0.01	0.03	*C65*
Ureter	798	0.1	0.6	**0.3**	0.01	0.04	520	0.1	0.4	**0.2**	0.01	0.02	*C66*
†Bladder	46707	7.5	37.7	**19.6**	0.76	2.25	17159	2.9	13.3	**5.5**	0.23	0.63	*C67*
Other urinary organs	477	0.1	0.4	**0.2**	0.01	0.02	215	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	1053	0.2	0.9	**0.6**	0.04	0.06	965	0.2	0.8	**0.6**	0.03	0.05	*C69*
Brain, nervous system	10839	1.7	8.8	**6.3**	0.40	0.67	7863	1.3	6.1	**4.2**	0.26	0.42	*C70-72*
Thyroid	2070	0.3	1.7	**1.2**	0.08	0.12	5780	1.0	4.5	**3.4**	0.25	0.32	*C73*
Adrenal gland	398	0.1	0.3	**0.3**	0.02	0.02	386	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	281	0.0	0.2	**0.2**	0.01	0.02	185	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	3700	0.6	3.0	**2.6**	0.18	0.22	2841	0.5	2.2	**2.0**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	23107	3.7	18.7	**11.6**	0.66	1.28	20013	3.3	15.6	**8.2**	0.48	0.95	*C82-85,C96*
Immunoproliferative diseases	608	0.1	0.5	**0.2**	0.01	0.03	369	0.1	0.3	**0.1**	0.00	0.01	*C88*
Multiple myeloma	9150	1.5	7.4	**4.0**	0.19	0.47	7677	1.3	6.0	**2.7**	0.13	0.32	*C90*
Lymphoid leukaemia	9148	1.5	7.4	**5.1**	0.25	0.49	5961	1.0	4.6	**3.0**	0.14	0.26	*C91*
Myeloid leukaemia	8155	1.3	6.6	**4.0**	0.20	0.41	6643	1.1	5.2	**2.8**	0.15	0.28	*C92-94*
Leukaemia unspecified	571	0.1	0.5	**0.3**	0.01	0.02	478	0.1	0.4	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	485	0.1	0.4	**0.2**	0.01	0.03	380	0.1	0.3	**0.1**	0.01	0.02	*MPD*
Myelodysplastic syndromes	582	0.1	0.5	**0.2**	0.00	0.02	479	0.1	0.4	**0.1**	0.00	0.01	*MDS*
Other and unspecified	25585	4.1	20.7	**10.7**	0.43	1.11	31495	5.2	24.5	**9.7**	0.41	1.01	*O&U*
All sites	795759		642.9	**358.4**	16.58	41.44	743267		578.3	**301.5**	18.29	33.79	*C00-96*
All sites except C44	625958	100.0	505.7	**284.8**	13.34	33.17	601368	100.0	467.9	**250.3**	15.53	28.08	*C00-96 exc. C44*

† See note following population pyramid

United Kingdom, England, East of England Region

REGISTRATION AREA

The Eastern Cancer Registry and Information Centre (ECRIC) covers the East of England region (composed of the counties and districts of Norfolk, Suffolk, Cambridgeshire, Bedfordshire, Hertfordshire, Essex, Peterborough, Luton, Bedford, Southend, and Thurrock). In 2011, the population was 5.7 million, with 90% of residents describing themselves as White British. ECRIC took over responsibility for the coverage of Hertfordshire, Essex, Southend, and Thurrock from the Thames Cancer Registry in 2005–2006.

CANCER CARE FACILITIES

There are 18 main hospital trusts, 10 of which are tertiary centres for cancer treatment and seven of which have radiotherapy facilities.

REGISTRY STRUCTURE AND METHODS

ECRIC is located at the Cambridge University Hospitals National Health Service Foundation Trust and has officers posted in seven other trusts in the region. It is funded by the UK Department of Health under the public health budget and has 38 staff members. The registry has online access to patient records at seven regional trusts and collects data from more than 20 sources. Summarized data are then provided to one of the clinicians for staging. More than 75% of all invasive neoplasms are staged. Performance indicators are evaluated annually by the UK Association of Cancer Registries.

INTERPRETING THE RESULTS

A breast screening programme was established for women aged 50–64 years in 1988, and was extended to women aged up to 70 years in 2005. Cervical screening is offered to women aged 25–64 years. A colorectal screening programme for residents aged 60–69 years was initiated in 2006.

USE OF THE DATA

ECRIC data are extensively used in planning and evaluating cancer services in the East of England, and ECRIC staff members coauthor approximately 15 papers each year in peer-reviewed journals.

CONTRIBUTORS

Jem Rashbass
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Claire Beattie
Clement Brown
Brian Rous
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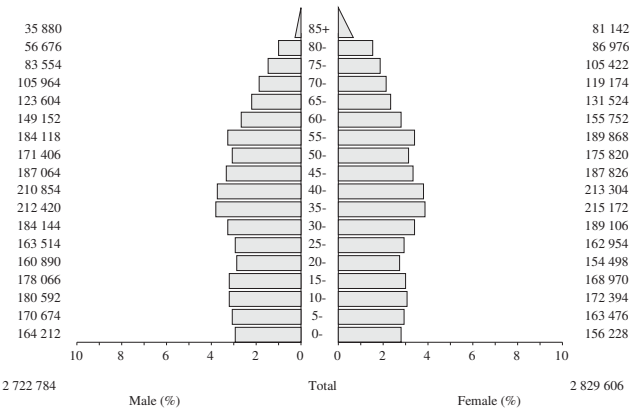
UK, England, East of England Region (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on (1) 2010 Small Area Population Estimates provided by the UK Office for National Statistics (ONS) in Titchfield, England, making allowances for births, deaths, and internal and external migration, and (2) aggregated data from lower super output areas (LSOAs) and English cancer registries, supplied by the UK Association of Cancer Registries.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

Please note that as of 1 April 2013, this registry is now part of Public Health England.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	64.1	Breast	85.1
Non-melanoma skin cancer	50.5	Non-melanoma skin cancer	32.8
Trachea, bronchus and lung	33.2	Trachea, bronchus and lung	19.2
Bladder	22.0	Colon	14.9
Colon	19.2	Corpus uteri	12.4
Rectum	14.7	Ovary	12.3
Non-Hodgkin lymphoma	11.1	Melanoma of skin	10.7
Other and unspecified	10.2	Other and unspecified	8.9
Melanoma of skin	10.1	Non-Hodgkin lymphoma	8.2
Stomach	8.0	Rectum	7.8
All sites	320.5	All sites	270.8

UK, England, East of England Region (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	169	0.2	1.2	**0.7**	0.03	0.08	64	0.1	0.5	**0.2**	0.01	0.02	*C00*
Tongue	388	0.6	2.9	**1.8**	0.13	0.22	237	0.4	1.7	**0.9**	0.06	0.11	*C01-02*
Mouth	278	0.4	2.0	**1.2**	0.09	0.15	256	0.4	1.8	**0.9**	0.06	0.10	*C03-06*
Salivary glands	172	0.2	1.3	**0.8**	0.04	0.08	108	0.2	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	248	0.4	1.8	**1.3**	0.11	0.14	81	0.1	0.6	**0.4**	0.03	0.04	*C09*
Other oropharynx	42	0.1	0.3	**0.2**	0.01	0.02	12	0.0	0.1	**0.0**	0.00	0.01	*C10*
Nasopharynx	77	0.1	0.6	**0.4**	0.03	0.05	38	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	99	0.1	0.7	**0.4**	0.02	0.05	51	0.1	0.4	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	48	0.1	0.4	**0.2**	0.02	0.03	18	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	2027	2.9	14.9	**7.6**	0.38	0.90	1163	1.8	8.2	**3.1**	0.13	0.34	*C15*
Stomach	2262	3.3	16.6	**8.0**	0.31	0.92	1126	1.7	8.0	**3.0**	0.13	0.30	*C16*
Small intestine	206	0.3	1.5	**0.8**	0.04	0.11	170	0.3	1.2	**0.6**	0.03	0.07	*C17*
Colon	5262	7.6	38.7	**19.2**	0.78	2.22	5227	8.0	36.9	**14.9**	0.64	1.70	*C18*
Rectum	3816	5.5	28.0	**14.7**	0.69	1.81	2531	3.9	17.9	**7.8**	0.38	0.92	*C19-20*
Anus	134	0.2	1.0	**0.6**	0.04	0.06	270	0.4	1.9	**1.0**	0.07	0.12	*C21*
Liver	735	1.1	5.4	**2.9**	0.14	0.33	421	0.6	3.0	**1.3**	0.06	0.15	*C22*
Gallbladder etc.	283	0.4	2.1	**1.0**	0.04	0.12	392	0.6	2.8	**1.1**	0.05	0.13	*C23-24*
Pancreas	1858	2.7	13.6	**6.9**	0.30	0.81	1960	3.0	13.9	**5.3**	0.21	0.60	*C25*
Nose, sinuses etc.	103	0.1	0.8	**0.4**	0.02	0.05	84	0.1	0.6	**0.3**	0.01	0.03	*C30-31*
Larynx	668	1.0	4.9	**2.7**	0.15	0.33	119	0.2	0.8	**0.4**	0.03	0.05	*C32*
Trachea, bronchus and lung	9242	13.3	67.9	**33.2**	1.30	3.90	6224	9.5	44.0	**19.2**	0.93	2.35	*C33-34*
Other thoracic organs	86	0.1	0.6	**0.4**	0.02	0.05	62	0.1	0.4	**0.3**	0.02	0.03	*C37-38*
Bone	141	0.2	1.0	**0.9**	0.06	0.07	124	0.2	0.9	**0.9**	0.05	0.06	*C40-41*
Melanoma of skin	2161	3.1	15.9	**10.1**	0.68	1.12	2394	3.7	16.9	**10.7**	0.79	1.11	*C43*
Other skin	14018		103.0	**50.5**	2.06	5.50	10811		76.4	**32.8**	1.74	3.58	*C44*
Mesothelioma	995	1.4	7.3	**3.8**	0.17	0.49	214	0.3	1.5	**0.7**	0.03	0.08	*C45*
Kaposi sarcoma	29	0.0	0.2	**0.2**	0.01	0.02	9	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	453	0.7	3.3	**2.2**	0.12	0.21	309	0.5	2.2	**1.4**	0.08	0.13	*C47+C49*
Breast	162	0.2	1.2	**0.6**	0.03	0.07	20476	31.4	144.7	**85.1**	6.28	9.68	*C50*
Vulva							440	0.7	3.1	**1.4**	0.08	0.13	*C51*
Vagina							79	0.1	0.6	**0.3**	0.02	0.03	*C52*
Cervix uteri							982	1.5	6.9	**5.1**	0.38	0.45	*C53*
Corpus uteri							3280	5.0	23.2	**12.4**	0.84	1.58	*C54*
Uterus unspecified							178	0.3	1.3	**0.6**	0.05	0.07	*C55*
Ovary							3130	4.8	22.1	**12.3**	0.80	1.43	*C56*
Other female genital organs							58	0.1	0.4	**0.2**	0.01	0.03	*C57*
Placenta							4	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	193	0.3	1.4	**0.8**	0.05	0.09							*C60*
Prostate	17577	25.3	129.1	**64.1**	2.39	8.14							*C61*
Testis	887	1.3	6.5	**6.2**	0.47	0.49							*C62*
Other male genital organs	49	0.1	0.4	**0.2**	0.01	0.03							*C63*
Kidney	1823	2.6	13.4	**7.6**	0.43	0.87	1092	1.7	7.7	**4.1**	0.23	0.47	*C64*
Renal pelvis	126	0.2	0.9	**0.5**	0.02	0.05	79	0.1	0.6	**0.2**	0.01	0.03	*C65*
Ureter	93	0.1	0.7	**0.4**	0.02	0.05	54	0.1	0.4	**0.1**	0.00	0.02	*C66*
†Bladder	6116	8.8	44.9	**22.0**	0.86	2.52	2005	3.1	14.2	**5.7**	0.25	0.64	*C67*
Other urinary organs	25	0.0	0.2	**0.1**	0.00	0.01	17	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	119	0.2	0.9	**0.6**	0.04	0.07	108	0.2	0.8	**0.5**	0.03	0.05	*C69*
Brain, nervous system	1186	1.7	8.7	**6.0**	0.39	0.64	872	1.3	6.2	**4.1**	0.26	0.41	*C70-72*
Thyroid	234	0.3	1.7	**1.2**	0.09	0.12	605	0.9	4.3	**3.2**	0.24	0.30	*C73*
Adrenal gland	42	0.1	0.3	**0.4**	0.02	0.02	31	0.0	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	30	0.0	0.2	**0.2**	0.01	0.02	13	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	438	0.6	3.2	**2.8**	0.19	0.23	303	0.5	2.1	**1.9**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	2556	3.7	18.8	**11.1**	0.64	1.26	2250	3.4	15.9	**8.2**	0.49	0.94	*C82-85,C96*
Immunoproliferative diseases	65	0.1	0.5	**0.2**	0.01	0.03	49	0.1	0.3	**0.1**	0.00	0.01	*C88*
Multiple myeloma	1004	1.4	7.4	**3.8**	0.18	0.45	832	1.3	5.9	**2.5**	0.12	0.30	*C90*
Lymphoid leukaemia	891	1.3	6.5	**4.3**	0.22	0.43	552	0.8	3.9	**2.6**	0.13	0.22	*C91*
Myeloid leukaemia	885	1.3	6.5	**3.8**	0.18	0.39	719	1.1	5.1	**2.7**	0.15	0.27	*C92-94*
Leukaemia unspecified	70	0.1	0.5	**0.2**	0.01	0.02	38	0.1	0.3	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	2847	4.1	20.9	**10.2**	0.40	1.05	3382	5.2	23.9	**8.9**	0.38	0.90	*O&U*
All sites	83420		612.8	**320.5**	14.48	36.87	76103		537.9	**270.8**	16.50	30.26	*C00-96*
All sites except C44	69402	100.0	509.8	**270.0**	12.42	31.37	65292	100.0	461.5	**238.0**	14.76	26.69	*C00-96 exc. C44*

† See note following population pyramid

United Kingdom, England, North Western

REGISTRATION AREA

The North Western Regional Cancer Registry covers the North West Health Region of England (composed of the counties of Greater Manchester, Lancashire, southern Cumbria, and a small part of Derbyshire), with an area of 4500 km^2. The population is 4 million, with 65% living in the conurbation of Greater Manchester, which is almost entirely urban. The rest of the region is of mixed urban, industrial, and rural character. About 11% of residents live in coastal areas, which are characterized by a high proportion of elderly retired residents.

CANCER CARE FACILITIES

Most patients receive hospital care in National Health Service (NHS) hospitals, but the private sector is growing.

REGISTRY STRUCTURE AND METHODS

The registry was founded in 1962 and is part of the Centre for Cancer Epidemiology at the Christie Hospital, which is the principal cancer centre in the region. All NHS and private hospitals notify the registry of all cancer cases using a special form. The registry also receives notifications from other regional registries of resident cases treated in hospitals outside the region, and from the ovarian tumour and mesothelioma register. All pathology laboratories in the region submit copies of pathology reports directly to the registry, and the registry receives copies of death certificates for all regional residents whose certificates mention cancer.

INTERPRETING THE RESULTS

A breast screening programme was established for women aged 50–64 years in 1988, and was extended to women aged up to 70 years in 2005. Cervical screening is offered to women aged 25–64 years. A colorectal screening programme for residents aged 60–69 years was initiated in 2006.

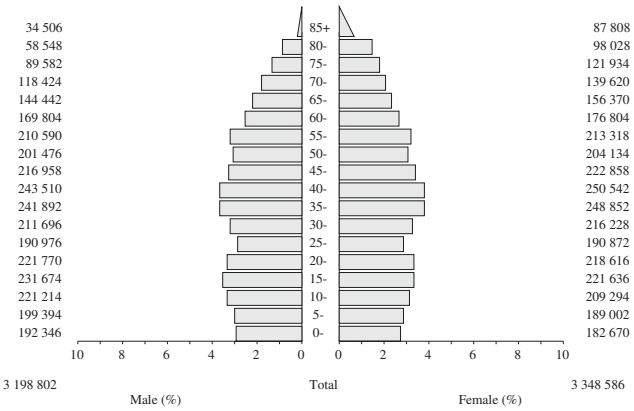
USE OF THE DATA

Several reports have been published in which registry data were used to examine variations in cancer incidence and survival within the North West region. Registry data are also used to plan and evaluate cancer services, including the breast and cervical screening programmes. Several national and international research studies have also used the data.

CONTRIBUTOR

Tony Moran

UK, England, North Western (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on (1) 2010 Small Area Population Estimates provided by the UK Office for National Statistics (ONS) in Titchfield, England, making allowances for births, deaths, and internal and external migration, and (2) aggregated data from lower super output areas (LSOAs) and English cancer registries, supplied by the UK Association of Cancer Registries.

Please note that as of 1 April 2013, this registry is now part of Public Health England.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	87.0	Breast	85.3
Prostate	66.2	Non-melanoma skin cancer	66.4
Trachea, bronchus and lung	47.4	Trachea, bronchus and lung	30.8
Colon	21.7	Colon	15.0
Bladder	20.1	Ovary	12.9
Rectum	16.5	Melanoma of skin	11.8
Other and unspecified	11.8	Corpus uteri	11.4
Non-Hodgkin lymphoma	11.0	Other and unspecified	10.4
Oesophagus	10.9	Rectum	7.9
Stomach	10.6	Non-Hodgkin lymphoma	7.6
All sites	392.9	All sites	329.2

UK, England, North Western (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	34	0.0	0.2	**0.1**	0.01	0.01	26	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	606	0.7	3.8	**2.5**	0.20	0.30	305	0.4	1.8	**1.1**	0.08	0.12	*C01-02*
Mouth	600	0.7	3.8	**2.5**	0.19	0.29	356	0.4	2.1	**1.1**	0.07	0.13	*C03-06*
Salivary glands	188	0.2	1.2	**0.7**	0.04	0.07	139	0.2	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	348	0.4	2.2	**1.5**	0.13	0.17	113	0.1	0.7	**0.4**	0.03	0.05	*C09*
Other oropharynx	159	0.2	1.0	**0.7**	0.05	0.08	51	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	101	0.1	0.6	**0.4**	0.03	0.05	55	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	261	0.3	1.6	**1.0**	0.08	0.13	76	0.1	0.5	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	112	0.1	0.7	**0.4**	0.03	0.05	48	0.1	0.3	**0.2**	0.01	0.02	*C14*
Oesophagus	3134	3.6	19.6	**10.9**	0.55	1.31	1742	2.1	10.4	**4.2**	0.19	0.48	*C15*
Stomach	3229	3.7	20.2	**10.6**	0.40	1.22	1873	2.3	11.2	**4.4**	0.17	0.47	*C16*
Small intestine	253	0.3	1.6	**0.9**	0.05	0.11	206	0.2	1.2	**0.6**	0.04	0.07	*C17*
Colon	6482	7.5	40.5	**21.7**	0.90	2.49	5851	7.1	34.9	**15.0**	0.67	1.71	*C18*
Rectum	4664	5.4	29.2	**16.5**	0.80	2.05	2903	3.5	17.3	**7.9**	0.43	0.93	*C19-20*
Anus	188	0.2	1.2	**0.7**	0.04	0.08	288	0.3	1.7	**0.9**	0.06	0.11	*C21*
Liver	1250	1.4	7.8	**4.4**	0.21	0.51	863	1.0	5.2	**2.3**	0.11	0.25	*C22*
Gallbladder etc.	308	0.4	1.9	**1.1**	0.05	0.13	437	0.5	2.6	**1.1**	0.05	0.13	*C23-24*
Pancreas	1957	2.3	12.2	**6.7**	0.32	0.80	2177	2.6	13.0	**5.5**	0.26	0.64	*C25*
Nose, sinuses etc.	125	0.1	0.8	**0.5**	0.03	0.06	106	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	1189	1.4	7.4	**4.5**	0.29	0.58	281	0.3	1.7	**0.9**	0.07	0.12	*C32*
Trachea, bronchus and lung	14188	16.4	88.7	**47.4**	1.99	5.73	11280	13.6	67.4	**30.8**	1.49	3.84	*C33-34*
Other thoracic organs	132	0.2	0.8	**0.5**	0.03	0.05	102	0.1	0.6	**0.3**	0.02	0.03	*C37-38*
Bone	200	0.2	1.3	**1.1**	0.07	0.09	139	0.2	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	2202	2.5	13.8	**9.2**	0.63	0.98	2817	3.4	16.8	**11.8**	0.87	1.17	*C43*
Other skin	25303		158.2	**87.0**	3.99	9.90	23486		140.3	**66.4**	3.63	7.41	*C44*
Mesothelioma	1093	1.3	6.8	**3.6**	0.14	0.46	208	0.3	1.2	**0.6**	0.04	0.08	*C45*
Kaposi sarcoma	63	0.1	0.4	**0.3**	0.03	0.03	8	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	490	0.6	3.1	**2.1**	0.12	0.20	395	0.5	2.4	**1.6**	0.10	0.15	*C47+C49*
Breast	179	0.2	1.1	**0.7**	0.04	0.08	23706	28.6	141.6	**85.3**	6.31	9.66	*C50*
Vulva							580	0.7	3.5	**1.7**	0.09	0.18	*C51*
Vagina							138	0.2	0.8	**0.5**	0.03	0.05	*C52*
Cervix uteri							1654	2.0	9.9	**7.4**	0.57	0.67	*C53*
Corpus uteri							3396	4.1	20.3	**11.4**	0.79	1.47	*C54*
Uterus unspecified							182	0.2	1.1	**0.5**	0.03	0.06	*C55*
Ovary							3755	4.5	22.4	**12.9**	0.88	1.48	*C56*
Other female genital organs							116	0.1	0.7	**0.4**	0.03	0.05	*C57*
Placenta							3	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	276	0.3	1.7	**1.1**	0.06	0.12							*C60*
Prostate	19944	23.0	124.7	**66.2**	2.50	8.45							*C61*
Testis	1086	1.3	6.8	**6.4**	0.48	0.50							*C62*
Other male genital organs	31	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	2063	2.4	12.9	**7.8**	0.45	0.91	1299	1.6	7.8	**4.2**	0.23	0.50	*C64*
Renal pelvis	144	0.2	0.9	**0.5**	0.02	0.07	84	0.1	0.5	**0.2**	0.01	0.03	*C65*
Ureter	107	0.1	0.7	**0.4**	0.01	0.05	76	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	6142	7.1	38.4	**20.1**	0.77	2.33	2531	3.1	15.1	**6.3**	0.27	0.75	*C67*
Other urinary organs	45	0.1	0.3	**0.2**	0.01	0.02	34	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	147	0.2	0.9	**0.7**	0.04	0.07	140	0.2	0.8	**0.7**	0.04	0.06	*C69*
Brain, nervous system	1395	1.6	8.7	**6.4**	0.41	0.67	996	1.2	5.9	**4.2**	0.27	0.42	*C70-72*
Thyroid	255	0.3	1.6	**1.2**	0.08	0.11	702	0.8	4.2	**3.2**	0.25	0.30	*C73*
Adrenal gland	60	0.1	0.4	**0.3**	0.02	0.03	60	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	35	0.0	0.2	**0.2**	0.01	0.02	27	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	443	0.5	2.8	**2.4**	0.16	0.20	333	0.4	2.0	**1.8**	0.12	0.15	*C81*
Non-Hodgkin lymphoma	2822	3.3	17.6	**11.0**	0.64	1.24	2387	2.9	14.3	**7.6**	0.46	0.87	*C82-85,C96*
Immunoproliferative diseases	70	0.1	0.4	**0.2**	0.01	0.03	47	0.1	0.3	**0.1**	0.00	0.01	*C88*
Multiple myeloma	1002	1.2	6.3	**3.5**	0.18	0.40	929	1.1	5.5	**2.4**	0.12	0.29	*C90*
Lymphoid leukaemia	1009	1.2	6.3	**4.3**	0.21	0.39	670	0.8	4.0	**2.7**	0.13	0.23	*C91*
Myeloid leukaemia	941	1.1	5.9	**3.8**	0.19	0.39	757	0.9	4.5	**2.6**	0.14	0.25	*C92-94*
Leukaemia unspecified	115	0.1	0.7	**0.4**	0.02	0.04	84	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	483	0.6	3.0	**1.8**	0.10	0.20	379	0.5	2.3	**1.1**	0.06	0.12	*MPD*
Myelodysplastic syndromes	569	0.7	3.6	**1.7**	0.04	0.14	473	0.6	2.8	**0.9**	0.02	0.07	*MDS*
Other and unspecified	3629	4.2	22.7	**11.8**	0.46	1.25	4424	5.3	26.4	**10.4**	0.44	1.09	*O&U*
All sites	111851		699.3	**392.9**	18.30	45.66	106293		634.9	**329.2**	19.85	37.00	*C00-96*
All sites except C44	86548	100.0	541.1	**305.9**	14.31	35.76	82807	100.0	494.6	**262.8**	16.23	29.59	*C00-96 exc. C44*

United Kingdom, England, Northern and Yorkshire

REGISTRATION AREA

The Northern and Yorkshire Cancer Registry and Information Service (NYCRIS) covers an area of approximately 30 000 km^2 that includes the North East region of England and most of the Yorkshire and the Humber region. The population is 6.8 million. The area contains large rural expanses and densely populated urban clusters. Traditional industries include shipping, fishing, textile and clothing manufacture, steel production, shipbuilding, and coal mining.

CANCER CARE FACILITIES

Patients receive care predominantly in National Health Service hospitals. The area has three cancer networks, each with several cancer units and a cancer centre providing integrated services. There are 19 hospital trusts (four serving as major centres providing more specialized services).

REGISTRY STRUCTURE AND METHODS

NYCRIS is based at St James's University Hospital and has about 50 employees (50% involved in data collation and validation, 12% in data management, and 25% in information and research). Notification is mandatory, and hospitals report cases directly to NYCRIS. During the reporting period, this was largely done through paper notifications and manual data collection from case notes. The registry performs extensive quality assurance.

INTERPRETING THE RESULTS

A new registration system was implemented in 2006, but with few changes to the data collection process. A breast screening programme was established for women aged 50–64 years in 1988, and was extended to women aged up to 70 years in 2005. Cervical screening is offered to women aged 25–64 years. A colorectal screening programme for residents aged 60–69 years was initiated in 2006.

USE OF THE DATA

NYCRIS data are used for a variety of purposes, from local audits to national and international research studies. NYCRIS also publishes reports online (http://www.nycris.nhs.uk/).

CONTRIBUTOR

John Wilkinson
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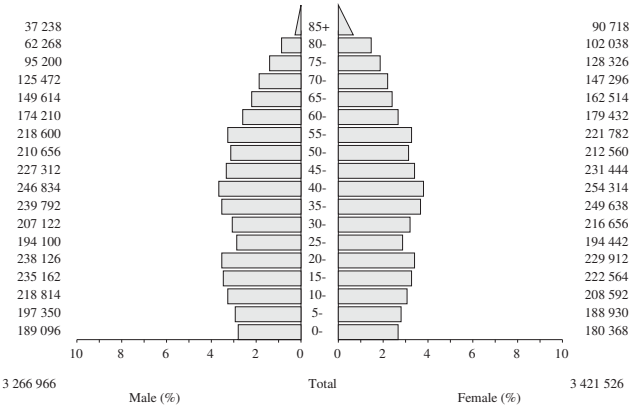
UK, England, Northern and Yorkshire (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on (1) 2010 Small Area Population Estimates provided by the UK Office for National Statistics (ONS) in Titchfield, England, making allowances for births, deaths, and internal and external migration, and (2) aggregated data from lower super output areas (LSOAs) and English cancer registries, supplied by the UK Association of Cancer Registries.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

Please note that as of 1 April 2013, this registry is now part of Public Health England.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	87.3	Breast	83.4
Prostate	63.0	Non-melanoma skin cancer	62.9
Trachea, bronchus and lung	47.6	Trachea, bronchus and lung	30.9
Bladder	23.9	Colon	14.9
Colon	21.3	Ovary	12.1
Rectum	17.2	Corpus uteri	11.6
Other and unspecified	11.4	Melanoma of skin	11.4
Stomach	10.4	Other and unspecified	11.1
Non-Hodgkin lymphoma	10.1	Cervix uteri	8.8
Oesophagus	9.4	Rectum	8.1
All sites	389.3	All sites	325.9

UK, England, Northern and Yorkshire (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	146	0.2	0.9	**0.5**	0.03	0.06	84	0.1	0.5	**0.2**	0.01	0.02	*C00*
Tongue	500	0.6	3.1	**2.0**	0.14	0.24	305	0.4	1.8	**1.0**	0.07	0.12	*C01-02*
Mouth	545	0.6	3.3	**2.1**	0.16	0.25	336	0.4	2.0	**1.1**	0.07	0.12	*C03-06*
Salivary glands	161	0.2	1.0	**0.6**	0.03	0.07	142	0.2	0.8	**0.5**	0.03	0.05	*C07-08*
Tonsil	379	0.4	2.3	**1.6**	0.14	0.18	122	0.1	0.7	**0.4**	0.04	0.05	*C09*
Other oropharynx	73	0.1	0.4	**0.3**	0.02	0.04	27	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	84	0.1	0.5	**0.4**	0.03	0.04	38	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	245	0.3	1.5	**0.9**	0.06	0.12	62	0.1	0.4	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	90	0.1	0.6	**0.3**	0.02	0.05	42	0.0	0.2	**0.1**	0.01	0.02	*C14*
Oesophagus	2787	3.1	17.1	**9.4**	0.49	1.13	1592	1.9	9.3	**3.7**	0.16	0.42	*C15*
Stomach	3398	3.8	20.8	**10.4**	0.39	1.17	1972	2.3	11.5	**4.4**	0.16	0.47	*C16*
Small intestine	259	0.3	1.6	**0.9**	0.05	0.10	234	0.3	1.4	**0.7**	0.04	0.08	*C17*
Colon	6777	7.5	41.5	**21.3**	0.86	2.46	6208	7.2	36.3	**14.9**	0.65	1.71	*C18*
Rectum	5123	5.7	31.4	**17.2**	0.87	2.11	3089	3.6	18.1	**8.1**	0.42	0.97	*C19-20*
Anus	229	0.3	1.4	**0.8**	0.05	0.09	335	0.4	2.0	**1.1**	0.08	0.12	*C21*
Liver	1158	1.3	7.1	**3.8**	0.16	0.45	738	0.9	4.3	**1.8**	0.07	0.20	*C22*
Gallbladder etc.	345	0.4	2.1	**1.1**	0.05	0.12	462	0.5	2.7	**1.1**	0.05	0.13	*C23-24*
Pancreas	2055	2.3	12.6	**6.8**	0.31	0.82	2231	2.6	13.0	**5.4**	0.24	0.62	*C25*
Nose, sinuses etc.	148	0.2	0.9	**0.5**	0.03	0.06	123	0.1	0.7	**0.4**	0.02	0.04	*C30-31*
Larynx	1197	1.3	7.3	**4.2**	0.25	0.53	259	0.3	1.5	**0.8**	0.05	0.10	*C32*
Trachea, bronchus and lung	15174	16.9	92.9	**47.6**	1.92	5.69	11882	13.8	69.5	**30.9**	1.46	3.84	*C33-34*
Other thoracic organs	84	0.1	0.5	**0.4**	0.02	0.04	70	0.1	0.4	**0.2**	0.02	0.03	*C37-38*
Bone	171	0.2	1.0	**1.0**	0.06	0.07	122	0.1	0.7	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	2220	2.5	13.6	**9.1**	0.62	0.96	2801	3.3	16.4	**11.4**	0.85	1.13	*C43*
Other skin	26799		164.1	**87.3**	3.96	9.94	23333		136.4	**62.9**	3.39	7.07	*C44*
Mesothelioma	1224	1.4	7.5	**3.9**	0.17	0.48	279	0.3	1.6	**0.7**	0.03	0.08	*C45*
Kaposi sarcoma	25	0.0	0.2	**0.1**	0.01	0.01	11	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	540	0.6	3.3	**2.3**	0.14	0.22	440	0.5	2.6	**1.7**	0.12	0.17	*C47+C49*
Breast	182	0.2	1.1	**0.6**	0.03	0.07	23861	27.8	139.5	**83.4**	6.19	9.39	*C50*
Vulva							649	0.8	3.8	**1.8**	0.10	0.19	*C51*
Vagina							151	0.2	0.9	**0.4**	0.03	0.05	*C52*
Cervix uteri							1941	2.3	11.3	**8.8**	0.66	0.78	*C53*
Corpus uteri							3577	4.2	20.9	**11.6**	0.80	1.49	*C54*
Uterus unspecified							219	0.3	1.3	**0.6**	0.04	0.08	*C55*
Ovary							3617	4.2	21.1	**12.1**	0.84	1.39	*C56*
Other female genital organs							66	0.1	0.4	**0.2**	0.01	0.02	*C57*
Placenta							4	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	261	0.3	1.6	**1.0**	0.07	0.11							*C60*
Prostate	19849	22.1	121.5	**63.0**	2.48	8.00							*C61*
Testis	1072	1.2	6.6	**6.3**	0.47	0.48							*C62*
Other male genital organs	36	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	2534	2.8	15.5	**9.1**	0.51	1.06	1659	1.9	9.7	**5.0**	0.29	0.58	*C64*
Renal pelvis	220	0.2	1.3	**0.7**	0.03	0.08	184	0.2	1.1	**0.4**	0.02	0.05	*C65*
Ureter	130	0.1	0.8	**0.4**	0.01	0.04	102	0.1	0.6	**0.2**	0.01	0.03	*C66*
†Bladder	7635	8.5	46.7	**23.9**	0.94	2.76	3036	3.5	17.7	**7.3**	0.32	0.85	*C67*
Other urinary organs	34	0.0	0.2	**0.1**	0.00	0.01	21	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	122	0.1	0.7	**0.6**	0.04	0.06	116	0.1	0.7	**0.5**	0.03	0.05	*C69*
Brain, nervous system	1502	1.7	9.2	**6.4**	0.40	0.68	1069	1.2	6.2	**4.2**	0.26	0.41	*C70-72*
Thyroid	271	0.3	1.7	**1.2**	0.08	0.11	876	1.0	5.1	**3.9**	0.30	0.36	*C73*
Adrenal gland	56	0.1	0.3	**0.4**	0.02	0.03	43	0.1	0.3	**0.3**	0.01	0.02	*C74*
Other endocrine	25	0.0	0.2	**0.2**	0.01	0.01	24	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	461	0.5	2.8	**2.5**	0.16	0.21	432	0.5	2.5	**2.3**	0.15	0.18	*C81*
Non-Hodgkin lymphoma	2729	3.0	16.7	**10.1**	0.55	1.12	2533	2.9	14.8	**7.8**	0.47	0.91	*C82-85,C96*
Immunoproliferative diseases	31	0.0	0.2	**0.1**	0.00	0.01	18	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	1199	1.3	7.3	**3.9**	0.19	0.45	962	1.1	5.6	**2.4**	0.11	0.29	*C90*
Lymphoid leukaemia	1530	1.7	9.4	**6.3**	0.32	0.62	1005	1.2	5.9	**3.5**	0.17	0.32	*C91*
Myeloid leukaemia	1110	1.2	6.8	**4.1**	0.22	0.42	902	1.0	5.3	**2.9**	0.16	0.29	*C92-94*
Leukaemia unspecified	29	0.0	0.2	**0.1**	0.00	0.01	35	0.0	0.2	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	1	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	2	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	3675	4.1	22.5	**11.4**	0.45	1.15	4819	5.6	28.2	**11.1**	0.47	1.20	*O&U*
All sites	116632		714.0	**389.3**	18.05	44.98	109261		638.7	**325.9**	19.57	36.63	*C00-96*
All sites except C44	89833	100.0	549.9	**302.0**	14.09	35.05	85928	100.0	502.3	**263.0**	16.18	29.56	*C00-96 exc. C44*

† See note following population pyramid

United Kingdom, England, Oxford Region

REGISTRATION AREA

The Oxford Cancer Intelligence Unit covers the counties of Berkshire, Buckinghamshire, and Oxfordshire (in the South East region of England) and Northamptonshire (in the East Midlands region). In 2001, the proportion of residents describing themselves as White ranged from 89% in Berkshire to 95% in Northamptonshire and Oxfordshire. The proportion describing themselves as Asian ranged from less than 2% in Oxfordshire to nearly 7% in Berkshire. The proportion describing themselves as Black was lowest in Oxfordshire (less than 1%) and highest in Berkshire (2%).

CANCER CARE FACILITIES

Most patients are treated within the National Health Service. The area has two cancer networks and more than 15 secondary and tertiary care hospitals. Most patients are diagnosed and treated in secondary care hospitals, with referral to tertiary care hospitals for specialized care.

REGISTRY STRUCTURE AND METHODS

The registry regularly downloads information from cancer waiting-time datasets and hospital pathology, oncology, and patient administration systems. Some demographic and clinical information is added to the database automatically. More detailed information (such as pathology diagnosis) is reviewed by clerical officers before being added. Information is also gathered from private hospitals and laboratories, screening programmes, and (for quality assurance purposes) general practitioner and hospital case notes.

INTERPRETING THE RESULTS

A breast screening programme was established for women aged 50–64 years in 1988, and was extended to women aged up to 70 years in 2005. Cervical screening is offered to women aged 25–64 years. A colorectal screening programme for residents aged 60–69 years was initiated in 2006.

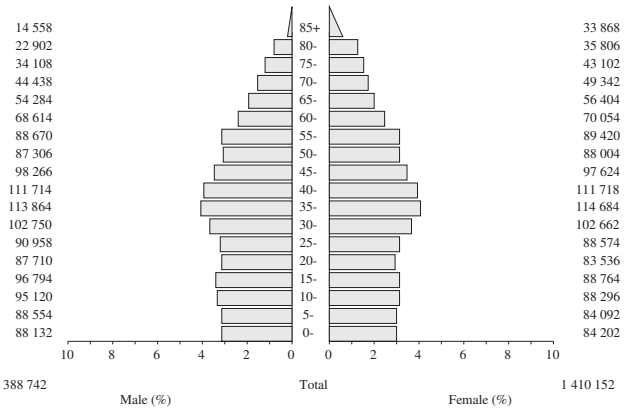
USE OF THE DATA

Registry data are used to investigate possible cancer risks in relation to power lines, landfill sites, and mobile phones. Registry data are also used to investigate differences in cancer incidence, survival, and access to treatment between social groups.

CONTRIBUTORS

Monica Roche
Kellie Peters
Pam Thomas
Neil Kennedy
Sandra Edwards
Ann Watters

UK, England, Oxford Region (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on (1) 2010 Small Area Population Estimates provided by the UK Office for National Statistics (ONS) in Titchfield, England, making allowances for births, deaths, and internal and external migration, and (2) aggregated data from lower super output areas (LSOAs) and English cancer registries, supplied by the UK Association of Cancer Registries.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

Please note that as of 1 April 2013, this registry is now part of Public Health England.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	105.3	Breast	91.9
Prostate	73.6	Non-melanoma skin cancer	75.9
Trachea, bronchus and lung	32.9	Trachea, bronchus and lung	18.9
Colon	19.9	Colon	15.4
Rectum	14.9	Ovary	13.3
Bladder	13.8	Melanoma of skin	13.0
Non-Hodgkin lymphoma	12.2	Corpus uteri	11.8
Melanoma of skin	11.4	Other and unspecified	9.7
Other and unspecified	9.9	Non-Hodgkin lymphoma	8.7
Oesophagus	9.4	Rectum	7.8
All sites	383.7	All sites	327.7

UK, England, Oxford Region (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	103	0.3	1.5	**0.9**	0.04	0.10	52	0.2	0.7	**0.3**	0.02	0.03	*C00*
Tongue	185	0.6	2.7	**1.9**	0.15	0.22	114	0.4	1.6	**1.0**	0.07	0.11	*C01-02*
Mouth	157	0.5	2.3	**1.6**	0.11	0.18	137	0.5	1.9	**1.1**	0.07	0.12	*C03-06*
Salivary glands	75	0.2	1.1	**0.7**	0.04	0.08	42	0.1	0.6	**0.4**	0.03	0.04	*C07-08*
Tonsil	120	0.4	1.7	**1.3**	0.12	0.14	47	0.2	0.7	**0.5**	0.04	0.05	*C09*
Other oropharynx	13	0.0	0.2	**0.1**	0.01	0.02	4	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	43	0.1	0.6	**0.5**	0.04	0.05	14	0.0	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	47	0.2	0.7	**0.5**	0.03	0.05	22	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	24	0.1	0.3	**0.2**	0.01	0.03	11	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	1075	3.5	15.5	**9.4**	0.47	1.12	541	1.8	7.7	**3.4**	0.13	0.37	*C15*
Stomach	809	2.6	11.7	**6.7**	0.26	0.77	446	1.5	6.3	**2.7**	0.11	0.29	*C16*
Small intestine	82	0.3	1.2	**0.8**	0.04	0.09	72	0.2	1.0	**0.6**	0.03	0.07	*C17*
Colon	2361	7.6	34.0	**19.9**	0.82	2.28	2288	7.5	32.5	**15.4**	0.67	1.77	*C18*
Rectum	1682	5.4	24.2	**14.9**	0.71	1.88	1080	3.6	15.3	**7.8**	0.42	0.90	*C19-20*
Anus	67	0.2	1.0	**0.6**	0.04	0.06	134	0.4	1.9	**1.1**	0.08	0.12	*C21*
Liver	360	1.2	5.2	**3.1**	0.15	0.38	230	0.8	3.3	**1.5**	0.06	0.18	*C22*
Gallbladder etc.	86	0.3	1.2	**0.8**	0.05	0.09	143	0.5	2.0	**1.1**	0.05	0.14	*C23-24*
Pancreas	784	2.5	11.3	**6.7**	0.31	0.77	839	2.8	11.9	**5.5**	0.23	0.63	*C25*
Nose, sinuses etc.	62	0.2	0.9	**0.6**	0.03	0.07	32	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	328	1.1	4.7	**3.0**	0.18	0.37	51	0.2	0.7	**0.4**	0.03	0.05	*C32*
Trachea, bronchus and lung	3934	12.6	56.7	**32.9**	1.33	3.88	2700	8.9	38.3	**18.9**	0.83	2.29	*C33-34*
Other thoracic organs	26	0.1	0.4	**0.3**	0.02	0.03	18	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	81	0.3	1.2	**1.0**	0.06	0.08	63	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	1143	3.7	16.5	**11.4**	0.75	1.26	1341	4.4	19.0	**13.0**	0.94	1.32	*C43*
Other skin	12241		176.3	**105.3**	4.90	11.74	10158		144.1	**75.9**	4.28	8.61	*C44*
Mesothelioma	386	1.2	5.6	**3.3**	0.15	0.43	67	0.2	1.0	**0.5**	0.02	0.07	*C45*
Kaposi sarcoma	13	0.0	0.2	**0.2**	0.01	0.01	8	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	248	0.8	3.6	**2.6**	0.15	0.26	191	0.6	2.7	**1.9**	0.13	0.19	*C47+C49*
Breast	65	0.2	0.9	**0.6**	0.03	0.06	10064	33.1	142.7	**91.9**	6.81	10.52	*C50*
Vulva							210	0.7	3.0	**1.6**	0.08	0.18	*C51*
Vagina							53	0.2	0.8	**0.4**	0.03	0.04	*C52*
Cervix uteri							569	1.9	8.1	**6.3**	0.48	0.56	*C53*
Corpus uteri							1356	4.5	19.2	**11.8**	0.80	1.52	*C54*
Uterus unspecified							105	0.3	1.5	**0.9**	0.05	0.10	*C55*
Ovary							1512	5.0	21.4	**13.3**	0.88	1.55	*C56*
Other female genital organs							23	0.1	0.3	**0.2**	0.02	0.03	*C57*
Placenta							6	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	91	0.3	1.3	**0.9**	0.05	0.10							*C60*
Prostate	8552	27.5	123.2	**73.6**	2.88	9.56							*C61*
Testis	537	1.7	7.7	**7.0**	0.52	0.55							*C62*
Other male genital organs	14	0.0	0.2	**0.2**	0.01	0.02							*C63*
Kidney	808	2.6	11.6	**7.6**	0.45	0.87	463	1.5	6.6	**3.9**	0.22	0.46	*C64*
Renal pelvis	90	0.3	1.3	**0.8**	0.03	0.11	51	0.2	0.7	**0.3**	0.01	0.04	*C65*
Ureter	29	0.1	0.4	**0.3**	0.01	0.04	28	0.1	0.4	**0.2**	0.01	0.02	*C66*
†Bladder	1704	5.5	24.5	**13.8**	0.51	1.56	588	1.9	8.3	**3.6**	0.14	0.40	*C67*
Other urinary organs	12	0.0	0.2	**0.1**	0.00	0.01	4	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	60	0.2	0.9	**0.7**	0.04	0.07	39	0.1	0.6	**0.4**	0.02	0.04	*C69*
Brain, nervous system	527	1.7	7.6	**5.6**	0.35	0.61	385	1.3	5.5	**4.1**	0.24	0.42	*C70-72*
Thyroid	120	0.4	1.7	**1.3**	0.09	0.13	351	1.2	5.0	**3.9**	0.29	0.37	*C73*
Adrenal gland	16	0.1	0.2	**0.3**	0.02	0.02	27	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	15	0.0	0.2	**0.2**	0.01	0.02	10	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	239	0.8	3.4	**3.0**	0.21	0.25	155	0.5	2.2	**2.1**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	1268	4.1	18.3	**12.2**	0.71	1.37	1079	3.6	15.3	**8.7**	0.49	1.00	*C82-85,C96*
Immunoproliferative diseases	34	0.1	0.5	**0.3**	0.01	0.03	10	0.0	0.1	**0.0**	0.00	0.00	*C88*
Multiple myeloma	477	1.5	6.9	**4.2**	0.20	0.52	378	1.2	5.4	**2.8**	0.15	0.35	*C90*
Lymphoid leukaemia	535	1.7	7.7	**6.0**	0.30	0.55	313	1.0	4.4	**3.2**	0.17	0.30	*C91*
Myeloid leukaemia	416	1.3	6.0	**3.9**	0.19	0.40	365	1.2	5.2	**3.0**	0.16	0.29	*C92-94*
Leukaemia unspecified	11	0.0	0.2	**0.1**	0.00	0.01	11	0.0	0.2	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1206	3.9	17.4	**9.9**	0.37	1.05	1525	5.0	21.6	**9.7**	0.41	0.99	*O&U*
All sites	43361		624.5	**383.7**	18.00	44.36	40525		574.8	**327.7**	19.98	36.90	*C00-96*
All sites except C44	31120	100.0	448.2	**278.4**	13.10	32.62	30367	100.0	430.7	**251.7**	15.70	28.29	*C00-96 exc. C44*

† See note following population pyramid

United Kingdom, England, South and Western Regions

REGISTRATION AREA

The South West office of the National Cancer Registration Service (formerly the South West Cancer Intelligence Service [SWCIS]) covers the South West region of England, with a total area of about 30 000 km^2. The population of 6.8 million is predominantly White Caucasian, with 60% of residents living in urban areas.

CANCER CARE FACILITIES

The area has 12 main hospitals, with seven dedicated cancer centres. There are eight regional hospitals with substantial treatment facilities and several small hospitals.

REGISTRY STRUCTURE AND METHODS

The SWCIS was one of eight regional registries in England, funded by the UK Department of Health. It had sites in Bristol and Winchester. The SWCIS had 17 registry staff members, four information analysts, five clinical audit team members, and five network liaison officers. Data were collected from hospital patient administration systems, pathology laboratory reporting systems, multidisciplinary team systems, and the national deaths database. These were accessed via electronic capture and processing, with manual intervention to resolve data conflict. More than 75% of records were captured electronically, usually from more than two independent sources. Coverage was more than 99%.

INTERPRETING THE RESULTS

A breast screening programme was established for women aged 50–64 years in 1988, and was extended to women aged up to 70 years in 2005. Cervical screening is offered to women aged 25–64 years. A colorectal screening programme for residents aged 60–69 years was initiated in 2006. For basal and squamous cell skin cancers, only the first primary diagnosis was registered. Bladder cancer (C67/D41) coding was changed in 2000.

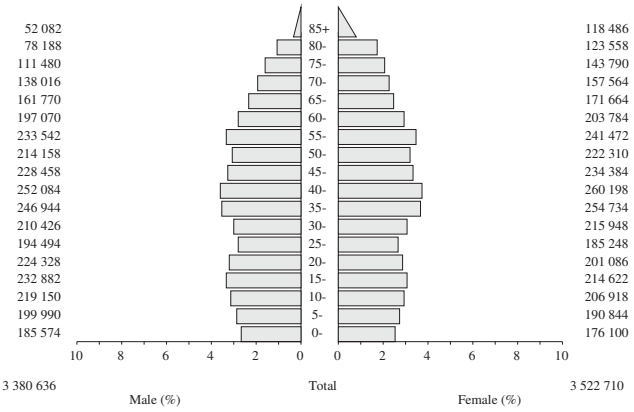
USE OF THE DATA

Registry data are available online and by request. Registry data are regularly used by clinicians, researchers, commissioning and public health bodies, and the media.

CONTRIBUTOR

Tina Ball

UK, England, South and Western Regions (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on (1) 2010 Small Area Population Estimates provided by the UK Office for National Statistics (ONS) in Titchfield, England, making allowances for births, deaths, and internal and external migration, and (2) aggregated data from lower super output areas (LSOAs) and English cancer registries, supplied by the UK Association of Cancer Registries.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

Please note that as of 1 April 2013, this registry is now part of Public Health England.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	120.5	Breast	89.4
Prostate	68.5	Non-melanoma skin cancer	84.5
Trachea, bronchus and lung	32.3	Trachea, bronchus and lung	18.9
Bladder	22.6	Colon	16.3
Colon	20.8	Melanoma of skin	15.4
Rectum	14.0	Ovary	14.0
Melanoma of skin	14.0	Corpus uteri	12.6
Non-Hodgkin lymphoma	13.6	Non-Hodgkin lymphoma	9.2
Other and unspecified	9.6	Other and unspecified	8.6
Oesophagus	9.2	Rectum	7.6
All sites	411.2	All sites	342.9

UK, England, South and Western Regions (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	79	0.1	0.5	**0.3**	0.01	0.03	49	0.1	0.3	**0.1**	0.01	0.01	*C00*
Tongue	585	0.6	3.5	**2.1**	0.16	0.25	334	0.4	1.9	**1.0**	0.07	0.11	*C01-02*
Mouth	468	0.5	2.8	**1.6**	0.12	0.19	346	0.4	2.0	**0.9**	0.05	0.10	*C03-06*
Salivary glands	241	0.2	1.4	**0.8**	0.04	0.07	183	0.2	1.0	**0.6**	0.04	0.06	*C07-08*
Tonsil	295	0.3	1.7	**1.2**	0.10	0.14	113	0.1	0.6	**0.4**	0.04	0.05	*C09*
Other oropharynx	64	0.1	0.4	**0.2**	0.02	0.03	23	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	78	0.1	0.5	**0.3**	0.02	0.03	54	0.1	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	151	0.2	0.9	**0.5**	0.03	0.06	50	0.1	0.3	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	128	0.1	0.8	**0.4**	0.03	0.05	51	0.1	0.3	**0.1**	0.01	0.02	*C14*
Oesophagus	3165	3.2	18.7	**9.2**	0.47	1.06	1748	1.9	9.9	**3.4**	0.13	0.38	*C15*
Stomach	2733	2.8	16.2	**7.3**	0.28	0.83	1533	1.6	8.7	**3.0**	0.12	0.31	*C16*
Small intestine	350	0.4	2.1	**1.0**	0.06	0.12	292	0.3	1.7	**0.7**	0.03	0.08	*C17*
Colon	7677	7.8	45.4	**20.8**	0.83	2.39	7726	8.3	43.9	**16.3**	0.71	1.85	*C18*
Rectum	4768	4.9	28.2	**14.0**	0.68	1.71	3256	3.5	18.5	**7.6**	0.40	0.89	*C19-20*
Anus	197	0.2	1.2	**0.7**	0.05	0.07	336	0.4	1.9	**0.9**	0.06	0.10	*C21*
Liver	1213	1.2	7.2	**3.6**	0.18	0.41	678	0.7	3.8	**1.5**	0.07	0.17	*C22*
Gallbladder etc.	351	0.4	2.1	**1.0**	0.04	0.11	485	0.5	2.8	**1.1**	0.06	0.13	*C23-24*
Pancreas	2350	2.4	13.9	**6.6**	0.30	0.78	2669	2.9	15.2	**5.5**	0.23	0.63	*C25*
Nose, sinuses etc.	146	0.1	0.9	**0.5**	0.03	0.05	100	0.1	0.6	**0.3**	0.02	0.04	*C30-31*
Larynx	894	0.9	5.3	**2.8**	0.18	0.35	198	0.2	1.1	**0.5**	0.03	0.06	*C32*
Trachea, bronchus and lung	11849	12.1	70.1	**32.3**	1.33	3.80	8179	8.8	46.4	**18.9**	0.93	2.31	*C33-34*
Other thoracic organs	180	0.2	1.1	**0.6**	0.03	0.07	152	0.2	0.9	**0.4**	0.02	0.05	*C37-38*
Bone	217	0.2	1.3	**1.1**	0.07	0.09	167	0.2	0.9	**0.8**	0.05	0.07	*C40-41*
Melanoma of skin	3924	4.0	23.2	**14.0**	0.90	1.57	4466	4.8	25.4	**15.4**	1.12	1.59	*C43*
Other skin	42441		251.1	**120.5**	5.49	13.72	34901		198.1	**84.5**	4.73	9.47	*C44*
Mesothelioma	1480	1.5	8.8	**4.2**	0.17	0.53	260	0.3	1.5	**0.6**	0.04	0.08	*C45*
Kaposi sarcoma	30	0.0	0.2	**0.1**	0.01	0.01	6	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	760	0.8	4.5	**2.7**	0.16	0.26	577	0.6	3.3	**1.9**	0.12	0.19	*C47+C49*
Breast	221	0.2	1.3	**0.6**	0.03	0.06	28388	30.4	161.2	**89.4**	6.64	10.10	*C50*
Vulva							731	0.8	4.2	**1.7**	0.09	0.19	*C51*
Vagina							163	0.2	0.9	**0.4**	0.03	0.05	*C52*
Cervix uteri							1634	1.8	9.3	**7.0**	0.53	0.63	*C53*
Corpus uteri							4336	4.6	24.6	**12.6**	0.85	1.62	*C54*
Uterus unspecified							172	0.2	1.0	**0.4**	0.02	0.05	*C55*
Ovary							4656	5.0	26.4	**14.0**	0.92	1.60	*C56*
Other female genital organs							149	0.2	0.8	**0.4**	0.02	0.04	*C57*
Placenta							10	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	291	0.3	1.7	**1.0**	0.06	0.11							*C60*
Prostate	24957	25.5	147.6	**68.5**	2.60	8.66							*C61*
Testis	1315	1.3	7.8	**7.5**	0.57	0.59							*C62*
Other male genital organs	53	0.1	0.3	**0.2**	0.01	0.02							*C63*
Kidney	2875	2.9	17.0	**9.2**	0.50	1.07	1747	1.9	9.9	**4.9**	0.28	0.54	*C64*
Renal pelvis	98	0.1	0.6	**0.3**	0.01	0.04	84	0.1	0.5	**0.2**	0.01	0.02	*C65*
Ureter	134	0.1	0.8	**0.4**	0.01	0.05	77	0.1	0.4	**0.2**	0.01	0.02	*C66*
†Bladder	8336	8.5	49.3	**22.6**	0.90	2.58	2888	3.1	16.4	**6.2**	0.28	0.71	*C67*
Other urinary organs	141	0.1	0.8	**0.4**	0.02	0.04	50	0.1	0.3	**0.1**	0.00	0.01	*C68*
Eye	186	0.2	1.1	**0.7**	0.04	0.07	182	0.2	1.0	**0.7**	0.04	0.06	*C69*
Brain, nervous system	1750	1.8	10.4	**7.0**	0.45	0.73	1257	1.3	7.1	**4.5**	0.30	0.46	*C70-72*
Thyroid	283	0.3	1.7	**1.1**	0.08	0.11	800	0.9	4.5	**3.3**	0.24	0.30	*C73*
Adrenal gland	63	0.1	0.4	**0.4**	0.02	0.03	75	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	53	0.1	0.3	**0.2**	0.02	0.02	39	0.0	0.2	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	535	0.5	3.2	**2.8**	0.19	0.23	384	0.4	2.2	**1.9**	0.12	0.15	*C81*
Non-Hodgkin lymphoma	4159	4.2	24.6	**13.6**	0.77	1.49	3436	3.7	19.5	**9.2**	0.54	1.08	*C82-85,C96*
Immunoproliferative diseases	130	0.1	0.8	**0.3**	0.01	0.04	80	0.1	0.5	**0.2**	0.01	0.02	*C88*
Multiple myeloma	1606	1.6	9.5	**4.5**	0.20	0.52	1372	1.5	7.8	**3.0**	0.14	0.35	*C90*
Lymphoid leukaemia	1585	1.6	9.4	**5.6**	0.24	0.52	1083	1.2	6.1	**3.3**	0.16	0.28	*C91*
Myeloid leukaemia	1281	1.3	7.6	**4.1**	0.19	0.41	1027	1.1	5.8	**2.9**	0.16	0.27	*C92-94*
Leukaemia unspecified	97	0.1	0.6	**0.3**	0.01	0.03	88	0.1	0.5	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	10	0.0	0.1	**0.0**	0.00	0.00	6	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	3482	3.6	20.6	**9.6**	0.41	1.01	4338	4.7	24.6	**8.6**	0.37	0.89	*O&U*
All sites	140455		830.9	**411.2**	19.13	47.21	128184		727.8	**342.9**	20.95	38.31	*C00-96*
All sites except C44	98014	100.0	579.9	**290.7**	13.64	33.50	93283	100.0	529.6	**258.4**	16.22	28.84	*C00-96 exc. C44*

† See note following population pyramid

United Kingdom, England, Thames

REGISTRATION AREA

The Thames Cancer Registry covers London, Surrey, Sussex, and Kent, which together had a total population of about 12 million in 2006.

CANCER CARE FACILITIES

Most cancer patients are treated within the National Health Service (NHS). The registration area has nine cancer networks and more than 50 secondary and tertiary care hospitals. Most patients are diagnosed and treated in secondary care hospitals, and those with rare cancers or requiring specialized care are referred to tertiary care hospitals.

REGISTRY STRUCTURE AND METHODS

The registry is located on the Guy's Hospital campus within the King's College London School of Medicine, and has about 70 employees involved in data abstraction from hospital medical records, data entry, computing, quality assurance, analysis, reporting, research, and management. The main sources of information are pathology reports, hospital patient information systems, medical records, cancer waiting-time datasets, and death certificates. Death certificates are provided electronically (by the UK Office for National Statistics) for registered patients and anyone who dies within the registration area from or with cancer. Cancer is not a reportable disease in the United Kingdom, but the collection of patients' personally identifiable information without direct consent is allowed by a special provision within the NHS Act 2006. Various data validation checks are automatically applied by the registration system, either upon data entry or through daily automated retrospective validation checks and annual patient deduplication. The registry regularly monitors and reports various data and process quality indicators.

INTERPRETING THE RESULTS

A breast screening programme was established for women aged 50–64 years in 1988, and was extended to women aged up to 70 years in 2005. Cervical screening is offered to women aged 25–64 years. A colorectal screening programme for residents aged 60–69 years was initiated in 2006.

USE OF THE DATA

The registry provides a variety of reports to health organizations within the region and contributes data to a national cancer information service (which are then made available online to NHS users). The registry also provides computing expertise for the development of the National Cancer Data Repository and is the lead registry for national work on lung and upper gastrointestinal cancers.

CONTRIBUTORS

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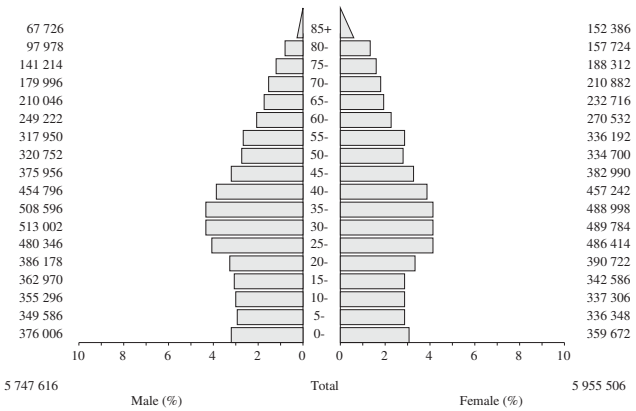
UK, England, Thames (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on (1) 2010 Small Area Population Estimates provided by the UK Office for National Statistics (ONS) in Titchfield, England, making allowances for births, deaths, and internal and external migration, and (2) aggregated data from lower super output areas (LSOAs) and English cancer registries, supplied by the UK Association of Cancer Registries.

Please note that as of 1 April 2013, this registry is now part of Public Health England.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	64.1	Breast	82.6
Trachea, bronchus and lung	36.8	Trachea, bronchus and lung	21.6
Bladder	19.8	Colon	14.2
Colon	18.3	Corpus uteri	12.2
Non-melanoma skin cancer	14.0	Ovary	11.0
Rectum	13.1	Other and unspecified	9.3
Non-Hodgkin lymphoma	11.6	Melanoma of skin	8.9
Other and unspecified	10.2	Non-Hodgkin lymphoma	8.3
Oesophagus	9.0	Rectum	7.5
Melanoma of skin	8.2	Non-melanoma skin cancer	6.9
All sites	287.5	All sites	243.3

UK, England, Thames (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	80	0.1	0.3	**0.2**	0.01	0.02	50	0.0	0.2	**0.1**	0.00	0.01	*C00*
Tongue	808	0.7	2.8	**2.1**	0.16	0.24	498	0.4	1.7	**1.1**	0.08	0.12	*C01-02*
Mouth	795	0.6	2.8	**2.1**	0.15	0.24	557	0.5	1.9	**1.1**	0.07	0.12	*C03-06*
Salivary glands	284	0.2	1.0	**0.7**	0.04	0.06	210	0.2	0.7	**0.5**	0.03	0.05	*C07-08*
Tonsil	537	0.4	1.9	**1.5**	0.12	0.17	194	0.2	0.7	**0.5**	0.04	0.06	*C09*
Other oropharynx	123	0.1	0.4	**0.3**	0.03	0.04	46	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	207	0.2	0.7	**0.6**	0.05	0.06	84	0.1	0.3	**0.2**	0.02	0.02	*C11*
Hypopharynx	242	0.2	0.8	**0.6**	0.04	0.08	81	0.1	0.3	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	143	0.1	0.5	**0.3**	0.02	0.04	60	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	4066	3.3	14.1	**9.0**	0.46	1.07	2091	1.7	7.0	**3.1**	0.13	0.34	*C15*
Stomach	3799	3.1	13.2	**7.8**	0.29	0.88	2192	1.8	7.4	**3.2**	0.13	0.34	*C16*
Small intestine	353	0.3	1.2	**0.8**	0.05	0.10	314	0.3	1.1	**0.6**	0.03	0.07	*C17*
Colon	8770	7.2	30.5	**18.3**	0.75	2.11	9015	7.5	30.3	**14.2**	0.61	1.59	*C18*
Rectum	5931	4.8	20.6	**13.1**	0.63	1.59	4397	3.6	14.8	**7.5**	0.37	0.89	*C19-20*
Anus	384	0.3	1.3	**0.9**	0.06	0.11	513	0.4	1.7	**1.0**	0.06	0.11	*C21*
Liver	1812	1.5	6.3	**4.2**	0.23	0.49	995	0.8	3.3	**1.7**	0.08	0.19	*C22*
Gallbladder etc.	543	0.4	1.9	**1.2**	0.05	0.14	673	0.6	2.3	**1.1**	0.05	0.13	*C23-24*
Pancreas	3383	2.8	11.8	**7.3**	0.33	0.87	3567	3.0	12.0	**5.5**	0.24	0.64	*C25*
Nose, sinuses etc.	186	0.2	0.6	**0.4**	0.03	0.05	144	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	1416	1.2	4.9	**3.4**	0.21	0.42	279	0.2	0.9	**0.6**	0.04	0.07	*C32*
Trachea, bronchus and lung	17470	14.3	60.8	**36.8**	1.53	4.40	12693	10.5	42.6	**21.6**	1.03	2.63	*C33-34*
Other thoracic organs	163	0.1	0.6	**0.4**	0.02	0.04	149	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	338	0.3	1.2	**1.1**	0.07	0.09	250	0.2	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	3329	2.7	11.6	**8.2**	0.54	0.90	3887	3.2	13.1	**8.9**	0.64	0.92	*C43*
Other skin	7605		26.5	**14.0**	0.39	1.31	5222		17.5	**6.9**	0.25	0.66	*C44*
Mesothelioma	1677	1.4	5.8	**3.6**	0.15	0.46	403	0.3	1.4	**0.7**	0.03	0.09	*C45*
Kaposi sarcoma	301	0.2	1.0	**0.8**	0.06	0.07	55	0.0	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	784	0.6	2.7	**2.0**	0.12	0.19	644	0.5	2.2	**1.6**	0.10	0.15	*C47+C49*
Breast	243	0.2	0.8	**0.5**	0.03	0.06	37220	30.9	125.0	**82.6**	6.13	9.37	*C50*
Vulva							759	0.6	2.5	**1.3**	0.07	0.13	*C51*
Vagina							195	0.2	0.7	**0.4**	0.02	0.04	*C52*
Cervix uteri							2198	1.8	7.4	**5.3**	0.41	0.51	*C53*
Corpus uteri							5708	4.7	19.2	**12.2**	0.81	1.55	*C54*
Uterus unspecified							227	0.2	0.8	**0.4**	0.02	0.04	*C55*
Ovary							5256	4.4	17.7	**11.0**	0.72	1.27	*C56*
Other female genital organs							144	0.1	0.5	**0.3**	0.02	0.04	*C57*
Placenta							8	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	320	0.3	1.1	**0.7**	0.04	0.09							*C60*
Prostate	29198	23.8	101.6	**64.1**	2.57	8.45							*C61*
Testis	1769	1.4	6.2	**5.2**	0.39	0.41							*C62*
Other male genital organs	46	0.0	0.2	**0.1**	0.00	0.01							*C63*
Kidney	3265	2.7	11.4	**7.6**	0.43	0.87	1926	1.6	6.5	**3.9**	0.22	0.43	*C64*
Renal pelvis	148	0.1	0.5	**0.3**	0.01	0.04	94	0.1	0.3	**0.1**	0.01	0.02	*C65*
Ureter	142	0.1	0.5	**0.3**	0.01	0.03	78	0.1	0.3	**0.1**	0.00	0.01	*C66*
Bladder	9635	7.9	33.5	**19.8**	0.80	2.28	3570	3.0	12.0	**5.4**	0.23	0.61	*C67*
Other urinary organs	76	0.1	0.3	**0.2**	0.01	0.02	36	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	240	0.2	0.8	**0.6**	0.04	0.06	197	0.2	0.7	**0.5**	0.03	0.05	*C69*
Brain, nervous system	2234	1.8	7.8	**6.2**	0.39	0.64	1700	1.4	5.7	**4.1**	0.25	0.42	*C70-72*
Thyroid	473	0.4	1.6	**1.2**	0.09	0.13	1262	1.0	4.2	**3.2**	0.24	0.30	*C73*
Adrenal gland	94	0.1	0.3	**0.3**	0.02	0.03	84	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	67	0.1	0.2	**0.2**	0.01	0.02	47	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	845	0.7	2.9	**2.5**	0.18	0.22	638	0.5	2.1	**2.0**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	4817	3.9	16.8	**11.6**	0.68	1.28	4213	3.5	14.1	**8.3**	0.48	0.94	*C82-85,C96*
Immunoproliferative diseases	155	0.1	0.5	**0.3**	0.01	0.04	89	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	2004	1.6	7.0	**4.4**	0.22	0.52	1625	1.3	5.5	**2.8**	0.14	0.34	*C90*
Lymphoid leukaemia	1766	1.4	6.1	**4.8**	0.25	0.45	1185	1.0	4.0	**2.9**	0.14	0.25	*C91*
Myeloid leukaemia	1846	1.5	6.4	**4.2**	0.21	0.45	1530	1.3	5.1	**2.9**	0.16	0.29	*C92-94*
Leukaemia unspecified	161	0.1	0.6	**0.4**	0.02	0.04	140	0.1	0.5	**0.3**	0.01	0.03	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	4994	4.1	17.4	**10.2**	0.41	1.07	6347	5.3	21.3	**9.3**	0.38	0.97	*O&U*
All sites	130067		452.6	**287.5**	13.44	33.46	125739		422.3	**243.3**	14.82	27.20	*C00-96*
All sites except C44	122462	100.0	426.1	**273.5**	13.04	32.15	120517	100.0	404.7	**236.4**	14.57	26.55	*C00-96 exc. C44*

United Kingdom, England, Trent

REGISTRATION AREA

The Trent Cancer Registry covers the counties of Derbyshire (except its north-western tip), Leicestershire, Rutland, Lincolnshire, Nottinghamshire, and South Yorkshire, with a total area of 14 763 km^2 and a population of 5.1 million. The overall population profile is similar to that of England as a whole, with similar levels of deprivation. About 75% of residents live in urban areas. The population is about 90.4% White, 5.1% Asian, and 4.5% of other ethnicities.

CANCER CARE FACILITIES

The area has 11 acute trusts, 12 primary care trusts, and three medical schools (in the cities of Leicester, Nottingham, and Sheffield). There are cancer centres providing both radiotherapy and chemotherapy services in Derby, Leicester, Nottingham, and Sheffield. Lincolnshire has a cancer unit with radiotherapy services.

REGISTRY STRUCTURE AND METHODS

Cancer registration in Trent began in 1955 and has undergone several significant changes, including merging with the East Midlands Public Health Observatory in 2005. The registry is funded by the National Health Service and has 36 employees. Data are collected electronically.

INTERPRETING THE RESULTS

A breast screening programme was established for women aged 50–64 years in 1988, and was extended to women aged up to 70 years in 2005. Cervical screening is offered to women aged 25–64 years. A colorectal screening programme for residents aged 60–69 years was initiated in 2006. Male residents have access to the Prostate Cancer Risk Management informed choice programme, through their general practitioners.

USE OF THE DATA

Registry data are used to support the effective provision of cancer services. The registry also contributes to the work of the UK National Cancer Intelligence Network (NCIN) and provides a cancer intelligence service to the East Midlands and North Trent Cancer Networks. Registry data are provided to genetic counselling services, in response to ad hoc requests, and for approved research projects.

CONTRIBUTORS

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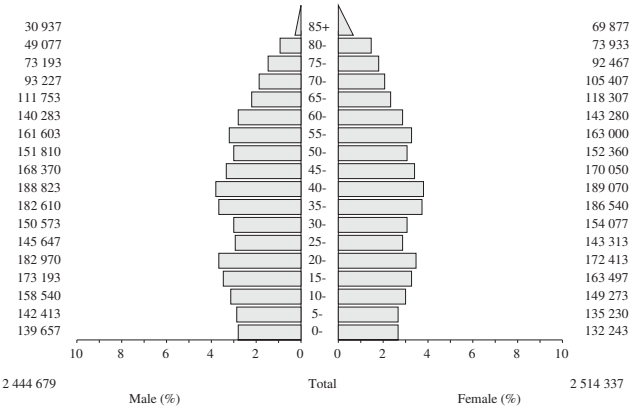
UK, England, Trent (2005-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on (1) 2010 Small Area Population Estimates provided by the UK Office for National Statistics (ONS) in Titchfield, England, making allowances for births, deaths, and internal and external migration, and (2) aggregated data from lower super output areas (LSOAs) and English cancer registries, supplied by the UK Association of Cancer Registries.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

Please note that as of 1 April 2013, this registry is now part of Public Health England.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	95.4	Breast	83.5
Prostate	59.6	Non-melanoma skin cancer	66.8
Trachea, bronchus and lung	40.9	Trachea, bronchus and lung	25.7
Colon	21.0	Colon	14.9
Rectum	15.5	Ovary	14.0
Bladder	15.2	Corpus uteri	13.6
Non-Hodgkin lymphoma	12.6	Melanoma of skin	11.9
Other and unspecified	10.9	Other and unspecified	10.0
Melanoma of skin	10.1	Cervix uteri	8.9
Oesophagus	9.7	Non-Hodgkin lymphoma	8.7
All sites	376.8	All sites	322.8

UK, England, Trent (2005-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	24	0.1	0.3	**0.2**	0.01	0.02	9	0.0	0.1	**0.1**	0.00	0.01	*C00*
Tongue	249	0.6	3.4	**2.2**	0.17	0.24	119	0.3	1.6	**0.9**	0.06	0.10	*C01-02*
Mouth	200	0.5	2.7	**1.7**	0.12	0.20	156	0.4	2.1	**1.1**	0.07	0.14	*C03-06*
Salivary glands	75	0.2	1.0	**0.6**	0.03	0.07	66	0.2	0.9	**0.5**	0.04	0.06	*C07-08*
Tonsil	157	0.4	2.1	**1.5**	0.13	0.17	46	0.1	0.6	**0.4**	0.04	0.04	*C09*
Other oropharynx	32	0.1	0.4	**0.3**	0.02	0.03	13	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	38	0.1	0.5	**0.4**	0.03	0.04	13	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	90	0.2	1.2	**0.7**	0.05	0.09	36	0.1	0.5	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	51	0.1	0.7	**0.4**	0.03	0.05	22	0.1	0.3	**0.2**	0.01	0.02	*C14*
Oesophagus	1334	3.5	18.2	**9.7**	0.49	1.17	748	2.0	9.9	**3.9**	0.17	0.44	*C15*
Stomach	1425	3.7	19.4	**9.5**	0.33	1.09	718	2.0	9.5	**3.7**	0.15	0.41	*C16*
Small intestine	151	0.4	2.1	**1.1**	0.07	0.13	120	0.3	1.6	**0.7**	0.05	0.08	*C17*
Colon	3064	8.0	41.8	**21.0**	0.84	2.47	2668	7.3	35.4	**14.9**	0.67	1.68	*C18*
Rectum	2136	5.6	29.1	**15.5**	0.74	1.92	1237	3.4	16.4	**7.5**	0.40	0.88	*C19-20*
Anus	71	0.2	1.0	**0.6**	0.03	0.07	115	0.3	1.5	**0.7**	0.05	0.07	*C21*
Liver	508	1.3	6.9	**3.6**	0.16	0.42	313	0.9	4.1	**1.7**	0.07	0.19	*C22*
Gallbladder etc.	169	0.4	2.3	**1.2**	0.05	0.14	247	0.7	3.3	**1.4**	0.06	0.16	*C23-24*
Pancreas	1047	2.7	14.3	**7.6**	0.37	0.90	956	2.6	12.7	**5.2**	0.24	0.61	*C25*
Nose, sinuses etc.	56	0.1	0.8	**0.4**	0.02	0.05	40	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	467	1.2	6.4	**3.7**	0.22	0.48	105	0.3	1.4	**0.8**	0.05	0.09	*C32*
Trachea, bronchus and lung	6035	15.7	82.3	**40.9**	1.63	4.89	4309	11.7	57.1	**25.7**	1.27	3.18	*C33-34*
Other thoracic organs	77	0.2	1.0	**0.6**	0.04	0.07	55	0.1	0.7	**0.5**	0.03	0.05	*C37-38*
Bone	85	0.2	1.2	**1.0**	0.05	0.08	62	0.2	0.8	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	1129	2.9	15.4	**10.1**	0.68	1.13	1312	3.6	17.4	**11.9**	0.88	1.17	*C43*
Other skin	13623		185.8	**95.4**	4.21	10.69	10977		145.5	**66.8**	3.63	7.46	*C44*
Mesothelioma	455	1.2	6.2	**3.2**	0.15	0.39	84	0.2	1.1	**0.5**	0.02	0.06	*C45*
Kaposi sarcoma	16	0.0	0.2	**0.2**	0.01	0.02	9	0.0	0.1	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	240	0.6	3.3	**2.1**	0.13	0.21	177	0.5	2.3	**1.6**	0.09	0.16	*C47+C49*
Breast	67	0.2	0.9	**0.4**	0.02	0.05	10808	29.4	143.3	**83.5**	6.14	9.35	*C50*
Vulva							322	0.9	4.3	**1.9**	0.10	0.20	*C51*
Vagina							79	0.2	1.0	**0.5**	0.04	0.05	*C52*
Cervix uteri							841	2.3	11.1	**8.9**	0.68	0.80	*C53*
Corpus uteri							1838	5.0	24.4	**13.6**	0.94	1.73	*C54*
Uterus unspecified							86	0.2	1.1	**0.6**	0.04	0.06	*C55*
Ovary							1786	4.9	23.7	**14.0**	0.96	1.57	*C56*
Other female genital organs							54	0.1	0.7	**0.4**	0.03	0.05	*C57*
Placenta							2	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	128	0.3	1.7	**1.0**	0.06	0.12							*C60*
Prostate	8684	22.6	118.4	**59.6**	2.23	7.51							*C61*
Testis	477	1.2	6.5	**6.2**	0.46	0.49							*C62*
Other male genital organs	23	0.1	0.3	**0.2**	0.01	0.01							*C63*
Kidney	1164	3.0	15.9	**9.2**	0.51	1.08	691	1.9	9.2	**4.8**	0.27	0.53	*C64*
Renal pelvis	54	0.1	0.7	**0.4**	0.01	0.04	27	0.1	0.4	**0.1**	0.00	0.02	*C65*
Ureter	52	0.1	0.7	**0.4**	0.02	0.05	39	0.1	0.5	**0.2**	0.01	0.02	*C66*
†Bladder	2270	5.9	31.0	**15.2**	0.57	1.75	832	2.3	11.0	**4.2**	0.17	0.46	*C67*
Other urinary organs	38	0.1	0.5	**0.3**	0.01	0.03	17	0.0	0.2	**0.1**	0.00	0.01	*C68*
Eye	67	0.2	0.9	**0.7**	0.04	0.07	52	0.1	0.7	**0.5**	0.03	0.04	*C69*
Brain, nervous system	719	1.9	9.8	**6.7**	0.41	0.73	520	1.4	6.9	**4.3**	0.25	0.44	*C70-72*
Thyroid	146	0.4	2.0	**1.4**	0.10	0.14	354	1.0	4.7	**3.6**	0.26	0.34	*C73*
Adrenal gland	22	0.1	0.3	**0.3**	0.02	0.02	27	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	10	0.0	0.1	**0.1**	0.01	0.01	8	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	232	0.6	3.2	**2.8**	0.19	0.24	171	0.5	2.3	**1.9**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	1545	4.0	21.1	**12.6**	0.71	1.43	1271	3.5	16.9	**8.7**	0.52	1.03	*C82-85,C96*
Immunoproliferative diseases	21	0.1	0.3	**0.1**	0.00	0.01	16	0.0	0.2	**0.1**	0.00	0.01	*C88*
Multiple myeloma	556	1.4	7.6	**3.9**	0.16	0.46	483	1.3	6.4	**2.7**	0.12	0.33	*C90*
Lymphoid leukaemia	564	1.5	7.7	**5.3**	0.29	0.49	307	0.8	4.1	**2.4**	0.12	0.23	*C91*
Myeloid leukaemia	508	1.3	6.9	**3.9**	0.17	0.41	393	1.1	5.2	**2.9**	0.15	0.28	*C92-94*
Leukaemia unspecified	27	0.1	0.4	**0.2**	0.01	0.02	21	0.1	0.3	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1654	4.3	22.6	**10.9**	0.41	1.10	1921	5.2	25.5	**10.0**	0.44	1.04	*O&U*
All sites	52032		709.5	**376.8**	17.24	43.48	47698		632.3	**322.8**	19.58	36.01	*C00-96*
All sites except C44	38409	100.0	523.7	**281.4**	13.03	32.79	36721	100.0	486.8	**256.0**	15.95	28.55	*C00-96 exc. C44*

† See note following population pyramid

United Kingdom, England, West Midlands

REGISTRATION AREA
The West Midlands Cancer Intelligence Unit (WMCIU) covers the West Midlands region of England, with a population of approximately 5.4 million.

CANCER CARE FACILITIES
The area has 19 acute trusts and 17 primary care trusts. There are cancer centres providing radiotherapy and chemotherapy services in five major cities.

REGISTRY STRUCTURE AND METHODS
The registry includes records dating back to 1936 and has been population-based since 1957. More than 37 000 new tumours were registered in 2009, and the database holds more than 1.2 million records. Data are acquired from a variety of sources, including hospitals, cancer centres, treatment centres, hospices, screening programmes, other registries, general practices, and death certificates. The WMCIU attempts to register each case from multiple sources to maximize accuracy, and has increased its use of electronic registration data and automated data processing. A preliminary registration is recorded in the WMCIU database within 3 months of data receipt. Full clinical coding takes place within 12 months of the preliminary registration, during which time the registry expects to receive all relevant information. The WMCIU collects a variety of data, including demographics, tumour details, treatment modality information, and death details. The records are clinically coded by experienced registrars trained to UK Association of Cancer Registries standards, who use the internationally recognized ICD-10 topography, ICD-M morphology, and Office of Population Censuses and Surveys Classification of Interventions and Procedures version 4 (OPCS-4) procedure codes. All data entered into the database are subjected to a rigorous quality assurance process.

INTERPRETING THE RESULTS
A breast screening programme was established for women aged 50–64 years in 1988, and was extended to women aged up to 70 years in 2005. Cervical screening is offered to women aged 25–64 years. A colorectal screening programme for residents aged 60–69 years was initiated in 2006.

USE OF THE DATA
The WMCIU is part of the UK National Cancer Intelligence Network, and its regional database is combined with those of other registries to make the UK National Cancer Data Repository.

CONTRIBUTORS
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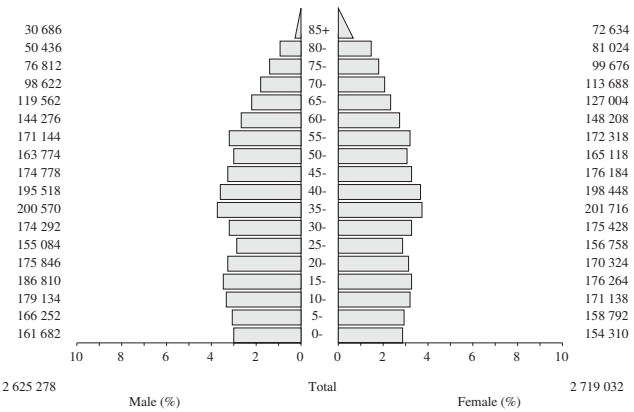
UK, England, West Midlands (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION
Based on (1) 2010 Small Area Population Estimates provided by the UK Office for National Statistics (ONS) in Titchfield, England, making allowances for births, deaths, and internal and external migration, and (2) aggregated data from lower super output areas (LSOAs) and English cancer registries, supplied by the UK Association of Cancer Registries.

Please note that as of 1 April 2013, this registry is now part of Public Health England.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	82.1	Breast	85.9
Prostate	67.3	Non-melanoma skin cancer	57.2
Trachea, bronchus and lung	39.4	Trachea, bronchus and lung	21.5
Colon	21.4	Colon	15.3
Rectum	16.4	Ovary	13.7
Bladder	13.2	Corpus uteri	13.1
Other and unspecified	11.2	Melanoma of skin	9.9
Non-Hodgkin lymphoma	10.8	Other and unspecified	9.8
Stomach	10.2	Non-Hodgkin lymphoma	7.6
Oesophagus	9.5	Cervix uteri	7.5
All sites	362.0	All sites	303.6

UK, England, West Midlands (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	74	0.1	0.6	**0.3**	0.02	0.04	32	0.1	0.2	**0.1**	0.00	0.01	*C00*
Tongue	414	0.6	3.2	**2.1**	0.16	0.25	238	0.4	1.8	**1.0**	0.07	0.11	*C01-02*
Mouth	388	0.6	3.0	**1.9**	0.14	0.22	259	0.4	1.9	**1.0**	0.07	0.12	*C03-06*
Salivary glands	124	0.2	0.9	**0.6**	0.04	0.06	116	0.2	0.9	**0.5**	0.03	0.06	*C07-08*
Tonsil	251	0.4	1.9	**1.3**	0.11	0.15	78	0.1	0.6	**0.4**	0.03	0.04	*C09*
Other oropharynx	75	0.1	0.6	**0.4**	0.03	0.04	26	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	64	0.1	0.5	**0.4**	0.03	0.04	27	0.0	0.2	**0.1**	0.01	0.01	*C11*
Hypopharynx	161	0.2	1.2	**0.7**	0.06	0.09	54	0.1	0.4	**0.2**	0.01	0.02	*C12-13*
Pharynx unspecified	59	0.1	0.4	**0.3**	0.02	0.03	24	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	2291	3.4	17.5	**9.5**	0.47	1.13	1275	2.0	9.4	**3.8**	0.16	0.42	*C15*
Stomach	2623	3.9	20.0	**10.2**	0.39	1.18	1336	2.1	9.8	**3.8**	0.15	0.41	*C16*
Small intestine	240	0.4	1.8	**1.0**	0.06	0.12	186	0.3	1.4	**0.7**	0.04	0.09	*C17*
Colon	5404	8.1	41.2	**21.4**	0.92	2.49	4850	7.7	35.7	**15.3**	0.70	1.74	*C18*
Rectum	3925	5.9	29.9	**16.4**	0.77	2.04	2275	3.6	16.7	**7.4**	0.38	0.85	*C19-20*
Anus	162	0.2	1.2	**0.7**	0.05	0.09	211	0.3	1.6	**0.9**	0.06	0.10	*C21*
Liver	857	1.3	6.5	**3.6**	0.18	0.42	514	0.8	3.8	**1.6**	0.07	0.18	*C22*
Gallbladder etc.	261	0.4	2.0	**1.1**	0.05	0.13	384	0.6	2.8	**1.3**	0.07	0.16	*C23-24*
Pancreas	1636	2.5	12.5	**6.5**	0.30	0.75	1725	2.7	12.7	**5.2**	0.23	0.61	*C25*
Nose, sinuses etc.	115	0.2	0.9	**0.6**	0.04	0.06	67	0.1	0.5	**0.3**	0.02	0.03	*C30-31*
Larynx	765	1.1	5.8	**3.5**	0.22	0.43	160	0.3	1.2	**0.6**	0.04	0.07	*C32*
Trachea, bronchus and lung	10021	15.1	76.3	**39.4**	1.64	4.71	6426	10.2	47.3	**21.5**	1.03	2.63	*C33-34*
Other thoracic organs	74	0.1	0.6	**0.4**	0.02	0.04	46	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	118	0.2	0.9	**0.8**	0.05	0.07	90	0.1	0.7	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	1793	2.7	13.7	**8.8**	0.57	0.97	2044	3.2	15.0	**9.9**	0.72	1.00	*C43*
Other skin	20416		155.5	**82.1**	3.67	9.14	17020		125.2	**57.2**	3.09	6.33	*C44*
Mesothelioma	669	1.0	5.1	**2.7**	0.12	0.33	126	0.2	0.9	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	27	0.0	0.2	**0.2**	0.01	0.02	10	0.0	0.1	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	386	0.6	2.9	**2.0**	0.11	0.19	292	0.5	2.1	**1.4**	0.09	0.13	*C47+C49*
Breast	125	0.2	1.0	**0.5**	0.03	0.06	19649	31.2	144.5	**85.9**	6.36	9.64	*C50*
Vulva							523	0.8	3.8	**1.8**	0.09	0.19	*C51*
Vagina							102	0.2	0.8	**0.4**	0.03	0.05	*C52*
Cervix uteri							1308	2.1	9.6	**7.5**	0.59	0.68	*C53*
Corpus uteri							3187	5.1	23.4	**13.1**	0.91	1.67	*C54*
Uterus unspecified							193	0.3	1.4	**0.7**	0.05	0.08	*C55*
Ovary							3193	5.1	23.5	**13.7**	0.91	1.56	*C56*
Other female genital organs							110	0.2	0.8	**0.5**	0.03	0.06	*C57*
Placenta							4	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	229	0.3	1.7	**1.0**	0.07	0.13							*C60*
Prostate	17126	25.7	130.5	**67.3**	2.52	8.57							*C61*
Testis	904	1.4	6.9	**6.6**	0.50	0.51							*C62*
Other male genital organs	24	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	1638	2.5	12.5	**7.4**	0.43	0.89	1013	1.6	7.5	**4.0**	0.22	0.47	*C64*
Renal pelvis	97	0.1	0.7	**0.4**	0.02	0.05	81	0.1	0.6	**0.3**	0.01	0.03	*C65*
Ureter	82	0.1	0.6	**0.3**	0.01	0.04	48	0.1	0.4	**0.2**	0.01	0.02	*C66*
Bladder	3435	5.2	26.2	**13.2**	0.49	1.51	1151	1.8	8.5	**3.3**	0.14	0.36	*C67*
Other urinary organs	63	0.1	0.5	**0.2**	0.01	0.03	24	0.0	0.2	**0.1**	0.01	0.01	*C68*
Eye	76	0.1	0.6	**0.5**	0.03	0.04	81	0.1	0.6	**0.5**	0.03	0.04	*C69*
Brain, nervous system	1079	1.6	8.2	**6.0**	0.38	0.63	734	1.2	5.4	**3.8**	0.25	0.40	*C70-72*
Thyroid	222	0.3	1.7	**1.2**	0.08	0.12	650	1.0	4.8	**3.6**	0.27	0.34	*C73*
Adrenal gland	29	0.0	0.2	**0.2**	0.01	0.02	26	0.0	0.2	**0.2**	0.01	0.01	*C74*
Other endocrine	34	0.1	0.3	**0.3**	0.01	0.02	8	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	364	0.5	2.8	**2.4**	0.17	0.21	308	0.5	2.3	**2.1**	0.14	0.17	*C81*
Non-Hodgkin lymphoma	2338	3.5	17.8	**10.8**	0.64	1.20	2003	3.2	14.7	**7.6**	0.43	0.86	*C82-85,C96*
Immunoproliferative diseases	79	0.1	0.6	**0.3**	0.01	0.03	50	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	895	1.3	6.8	**3.6**	0.17	0.41	785	1.2	5.8	**2.5**	0.12	0.30	*C90*
Lymphoid leukaemia	962	1.4	7.3	**5.3**	0.26	0.49	663	1.1	4.9	**3.2**	0.17	0.29	*C91*
Myeloid leukaemia	846	1.3	6.4	**4.0**	0.19	0.41	678	1.1	5.0	**2.7**	0.15	0.27	*C92-94*
Leukaemia unspecified	51	0.1	0.4	**0.2**	0.01	0.02	50	0.1	0.4	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	2908	4.4	22.2	**11.2**	0.45	1.18	3410	5.4	25.1	**9.8**	0.41	1.02	*O&U*
All sites	86999		662.8	**362.0**	16.74	41.81	79923		587.9	**303.6**	18.51	33.83	*C00-96*
All sites except C44	66583	100.0	507.2	**279.9**	13.07	32.67	62903	100.0	462.7	**246.4**	15.42	27.50	*C00-96 exc. C44*

United Kingdom, Northern Ireland

REGISTRATION AREA

The Northern Ireland Cancer Registry (NICR) covers Northern Ireland, which consists of six counties in the north of the island of Ireland and is part of the United Kingdom. In 2011, the population was 1.8 million. Most of the area is rural, but there are two major urban areas surrounding the cities of Belfast and Londonderry. The population is relatively ethnically homogeneous.

CANCER CARE FACILITIES

Most cancer patients are treated within the National Health Service and receive care within the region. There are five cancer units, one of which serves as a regional cancer centre and provides radiotherapy. All five provide chemotherapy.

REGISTRY STRUCTURE AND METHODS

The NICR has been operational since 1993. It is located at Queen's University Belfast and funded by the Public Health Agency for Northern Ireland. The NICR uses an automated system and multiple electronic sources, including the patient administration system, histopathology laboratories, and death certificates. Basic registration data are supplemented by a clinical oncology system and information from a multidisciplinary team reporting tool to improve staging and treatment information. Rigorous quality control and quality assurance programmes ensure high levels of completeness and quality. The NICR also abstracts data from hospital records for specific audits to provide a regular check on the data.

INTERPRETING THE RESULTS

A breast screening programme was established for women aged 50–64 years in 1993, and has since been extended to women aged up to 70 years. Population-based cervical screening has been available since the late 1980s. Although prostate-specific antigen (PSA) testing is not used for organized screening, its use has increased since the early 1990s, influencing the incidence of prostate cancer. A colorectal cancer screening programme began in April 2010.

USE OF THE DATA

The registry provides a cancer information service and has been the official provider of cancer incidence and survival statistics for the region since 2012. It exchanges information with cancer screening services for quality assurance purposes. Registry data are routinely used by policy-makers to evaluate and plan services. The registry also provides data to the regional cancer genetics service.

CONTRIBUTORS

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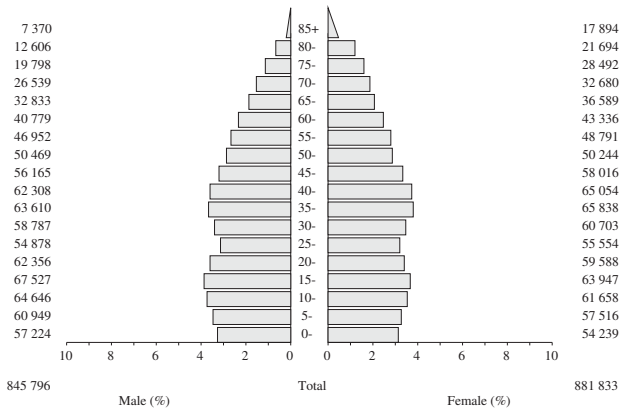
UK, Northern Ireland (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2001 census (http://www.nisra.gov.uk/census/2001Census.html), with annual estimates making allowances for births, deaths, and migration.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	97.2	Breast	80.2
Prostate	63.2	Non-melanoma skin cancer	65.0
Trachea, bronchus and lung	42.5	Trachea, bronchus and lung	23.7
Colon	25.2	Colon	18.2
Bladder	18.3	Ovary	13.6
Rectum	17.3	Corpus uteri	13.4
Other and unspecified	11.2	Melanoma of skin	11.3
Non-Hodgkin lymphoma	10.7	Other and unspecified	10.7
Stomach	10.0	Non-Hodgkin lymphoma	8.9
Oesophagus	8.8	Cervix uteri	8.0
All sites	390.8	All sites	318.6

UK, Northern Ireland (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	65	0.3	1.5	**1.0**	0.04	0.09	17	0.1	0.4	**0.2**	0.01	0.01	*C00*
Tongue	127	0.7	3.0	**2.2**	0.14	0.26	67	0.4	1.5	**0.9**	0.05	0.12	*C01-02*
Mouth	127	0.7	3.0	**2.1**	0.14	0.25	92	0.5	2.1	**1.2**	0.08	0.14	*C03-06*
Salivary glands	43	0.2	1.0	**0.6**	0.03	0.06	38	0.2	0.9	**0.6**	0.03	0.06	*C07-08*
Tonsil	38	0.2	0.9	**0.7**	0.06	0.08	21	0.1	0.5	**0.3**	0.03	0.04	*C09*
Other oropharynx	16	0.1	0.4	**0.3**	0.03	0.03	6	0.0	0.1	**0.1**	0.01	0.01	*C10*
Nasopharynx	31	0.2	0.7	**0.6**	0.05	0.06	11	0.1	0.2	**0.2**	0.02	0.02	*C11*
Hypopharynx	61	0.3	1.4	**0.9**	0.06	0.13	14	0.1	0.3	**0.2**	0.01	0.03	*C12-13*
Pharynx unspecified	14	0.1	0.3	**0.2**	0.02	0.03	7	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	562	3.0	13.3	**8.8**	0.48	1.04	287	1.6	6.5	**3.1**	0.15	0.36	*C15*
Stomach	686	3.7	16.2	**10.0**	0.41	1.15	456	2.5	10.3	**4.8**	0.17	0.55	*C16*
Small intestine	64	0.3	1.5	**1.1**	0.07	0.14	42	0.2	1.0	**0.6**	0.04	0.07	*C17*
Colon	1713	9.1	40.5	**25.2**	1.03	3.00	1584	8.6	35.9	**18.2**	0.86	2.17	*C18*
Rectum	1086	5.8	25.7	**17.3**	0.92	2.19	667	3.6	15.1	**7.9**	0.38	0.95	*C19-20*
Anus	50	0.3	1.2	**0.8**	0.05	0.09	51	0.3	1.2	**0.8**	0.07	0.09	*C21*
Liver	219	1.2	5.2	**3.4**	0.15	0.40	120	0.6	2.7	**1.4**	0.05	0.15	*C22*
Gallbladder etc.	111	0.6	2.6	**1.7**	0.07	0.19	168	0.9	3.8	**1.8**	0.08	0.19	*C23-24*
Pancreas	445	2.4	10.5	**6.9**	0.35	0.83	447	2.4	10.1	**4.8**	0.19	0.53	*C25*
Nose, sinuses etc.	38	0.2	0.9	**0.6**	0.04	0.07	34	0.2	0.8	**0.4**	0.02	0.04	*C30-31*
Larynx	285	1.5	6.7	**4.7**	0.31	0.60	69	0.4	1.6	**1.0**	0.07	0.12	*C32*
Trachea, bronchus and lung	2855	15.2	67.5	**42.5**	1.86	5.32	1916	10.4	43.5	**23.7**	1.23	2.96	*C33-34*
Other thoracic organs	19	0.1	0.4	**0.4**	0.02	0.03	13	0.1	0.3	**0.2**	0.03	0.03	*C37-38*
Bone	45	0.2	1.1	**1.0**	0.06	0.08	36	0.2	0.8	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	499	2.7	11.8	**8.7**	0.55	0.94	698	3.8	15.8	**11.3**	0.80	1.12	*C43*
Other skin	6462		152.8	**97.2**	4.48	10.95	5652		128.2	**65.0**	3.25	7.19	*C44*
Mesothelioma	206	1.1	4.9	**3.0**	0.13	0.38	27	0.1	0.6	**0.3**	0.01	0.03	*C45*
Kaposi sarcoma	6	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	120	0.6	2.8	**2.3**	0.16	0.20	88	0.5	2.0	**1.4**	0.09	0.15	*C47+C49*
Breast	18	0.1	0.4	**0.3**	0.01	0.03	5319	28.8	120.6	**80.2**	6.18	8.91	*C50*
Vulva							122	0.7	2.8	**1.5**	0.08	0.15	*C51*
Vagina							21	0.1	0.5	**0.3**	0.01	0.03	*C52*
Cervix uteri							430	2.3	9.8	**8.0**	0.63	0.71	*C53*
Corpus uteri							904	4.9	20.5	**13.4**	0.98	1.68	*C54*
Uterus unspecified							18	0.1	0.4	**0.2**	0.01	0.01	*C55*
Ovary							924	5.0	21.0	**13.6**	0.92	1.57	*C56*
Other female genital organs							20	0.1	0.5	**0.3**	0.02	0.04	*C57*
Placenta							3	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	78	0.4	1.8	**1.3**	0.09	0.15							*C60*
Prostate	4205	22.4	99.4	**63.2**	2.54	8.20							*C61*
Testis	295	1.6	7.0	**6.6**	0.50	0.51							*C62*
Other male genital organs	9	0.0	0.2	**0.1**	0.00	0.01							*C63*
Kidney	514	2.7	12.2	**8.4**	0.45	0.99	347	1.9	7.9	**4.8**	0.29	0.56	*C64*
Renal pelvis	19	0.1	0.4	**0.3**	0.02	0.04	12	0.1	0.3	**0.1**	0.00	0.02	*C65*
Ureter	21	0.1	0.5	**0.3**	0.02	0.05	22	0.1	0.5	**0.3**	0.01	0.04	*C66*
†Bladder	1250	6.7	29.6	**18.3**	0.75	2.07	466	2.5	10.6	**5.5**	0.24	0.66	*C67*
Other urinary organs	37	0.2	0.9	**0.6**	0.04	0.07	12	0.1	0.3	**0.1**	0.00	0.01	*C68*
Eye	24	0.1	0.6	**0.5**	0.03	0.05	24	0.1	0.5	**0.4**	0.02	0.03	*C69*
Brain, nervous system	357	1.9	8.4	**6.9**	0.47	0.67	256	1.4	5.8	**4.8**	0.31	0.45	*C70-72*
Thyroid	55	0.3	1.3	**1.0**	0.07	0.11	172	0.9	3.9	**3.0**	0.23	0.30	*C73*
Adrenal gland	14	0.1	0.3	**0.4**	0.02	0.02	11	0.1	0.2	**0.3**	0.01	0.01	*C74*
Other endocrine	11	0.1	0.3	**0.2**	0.01	0.02	5	0.0	0.1	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	125	0.7	3.0	**2.6**	0.17	0.22	110	0.6	2.5	**2.3**	0.15	0.19	*C81*
Non-Hodgkin lymphoma	641	3.4	15.2	**10.7**	0.65	1.25	671	3.6	15.2	**8.9**	0.53	1.02	*C82-85,C96*
Immunoproliferative diseases	12	0.1	0.3	**0.2**	0.01	0.03	5	0.0	0.1	**0.1**	0.00	0.00	*C88*
Multiple myeloma	369	2.0	8.7	**5.4**	0.26	0.60	255	1.4	5.8	**3.0**	0.14	0.36	*C90*
Lymphoid leukaemia	212	1.1	5.0	**4.0**	0.19	0.36	154	0.8	3.5	**2.5**	0.12	0.19	*C91*
Myeloid leukaemia	225	1.2	5.3	**3.8**	0.20	0.40	190	1.0	4.3	**2.9**	0.19	0.30	*C92-94*
Leukaemia unspecified	4	0.0	0.1	**0.1**	0.00	0.01	15	0.1	0.3	**0.2**	0.00	0.01	*C95*
Myeloproliferative disorders	1	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	764	4.1	18.1	**11.2**	0.45	1.16	1020	5.5	23.1	**10.7**	0.41	1.17	*O&U*
All sites	25253		597.1	**390.8**	18.65	45.63	24136		547.4	**318.6**	19.29	35.65	*C00-96*
All sites except C44	18791	100.0	444.3	**293.6**	14.17	34.69	18484	100.0	419.2	**253.5**	16.04	28.46	*C00-96 exc. C44*

† See note following population pyramid

United Kingdom, Scotland

REGISTRATION AREA

The Scottish Cancer Registry covers Scotland, which is part of the United Kingdom and has a population of slightly more than 5 million. Most residents live within an industrialized belt across the centre of the country; the rest live in more sparsely populated areas to the north and south. In 2001, about 88% of residents classified themselves as White Scottish, about 10% as Other White, and about 2% as members of minority ethnic populations.

CANCER CARE FACILITIES

The National Health Service (NHS) is funded mainly through taxation and is mostly free at the point of use. Access to hospital care is controlled by primary care providers. Radiotherapy is available at five main centres, but many cancer patients are diagnosed and receive primary therapy at district general hospitals. The private health care sector in Scotland is relatively small.

REGISTRY STRUCTURE AND METHODS

The registry is part of the Information Services Division of National Services Scotland (which is part of the NHS) and is funded by the Scottish government. Cancer is not a reportable disease in Scotland. Potential registrations are identified from four main electronic sources: hospital discharge records, oncology records, pathology records, and death records. Information from these and other sources is linked to create provisional registrations, which are then validated by registry staff members through consultation of medical records. The staff members also abstract additional information that cannot be collected electronically.

INTERPRETING THE RESULTS

The registry adopted ICD-10 and ICD-O-2 for coding cases diagnosed as of 1 January 1997, and ICD-O-3 was adopted for cases diagnosed as of 1 January 2006. There is a comparatively high prevalence of risk factors for cancer in Scotland. There are screening programmes for cervical, breast, and colorectal cancers. The prostate-specific antigen (PSA) test was introduced in Scotland in 1989, although screening for prostate cancer is not currently recommended.

USE OF THE DATA

The registry regularly publishes incidence data and periodically publishes survival data. Registry data are used to support a wide variety of activities, including research. Further information is available from http://www.isdscotland.org/Health-Topics/Cancer/Scottish-Cancer-Registry.asp.

CONTRIBUTORS

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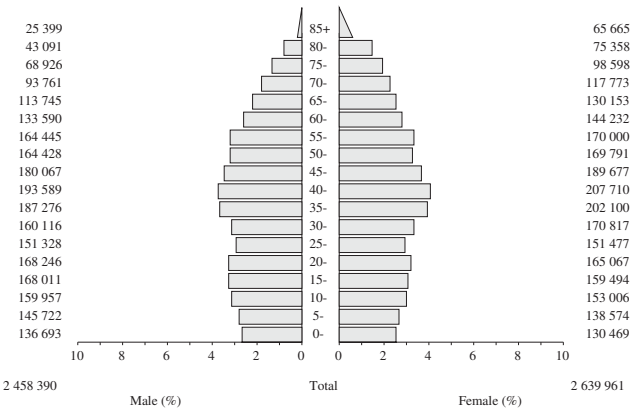
UK, Scotland (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2001 census, with annual estimates making allowances for births, deaths, migration, and adjustments for special population groups.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Non-melanoma skin cancer	94.4	Breast	82.8
Prostate	57.2	Non-melanoma skin cancer	64.6
Trachea, bronchus and lung	54.7	Trachea, bronchus and lung	37.1
Colon	24.9	Colon	17.6
Bladder	22.5	Melanoma of skin	12.6
Rectum	16.0	Ovary	11.9
Oesophagus	11.8	Corpus uteri	10.8
Non-Hodgkin lymphoma	11.5	Other and unspecified	9.9
Other and unspecified	11.3	Non-Hodgkin lymphoma	8.7
Stomach	10.3	Cervix uteri	8.2
All sites	413.5	All sites	339.3

UK, Scotland (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	182	0.3	1.5	**0.8**	0.03	0.08	60	0.1	0.5	**0.2**	0.01	0.02	*C00*
Tongue	566	0.8	4.6	**2.9**	0.22	0.35	281	0.4	2.1	**1.2**	0.08	0.14	*C01-02*
Mouth	670	1.0	5.5	**3.4**	0.25	0.42	400	0.6	3.0	**1.6**	0.11	0.19	*C03-06*
Salivary glands	118	0.2	1.0	**0.6**	0.04	0.06	80	0.1	0.6	**0.4**	0.03	0.04	*C07-08*
Tonsil	264	0.4	2.1	**1.4**	0.12	0.18	98	0.1	0.7	**0.4**	0.03	0.05	*C09*
Other oropharynx	89	0.1	0.7	**0.5**	0.04	0.06	39	0.1	0.3	**0.2**	0.01	0.02	*C10*
Nasopharynx	67	0.1	0.5	**0.4**	0.03	0.04	34	0.0	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	246	0.4	2.0	**1.2**	0.07	0.15	72	0.1	0.5	**0.3**	0.02	0.04	*C12-13*
Pharynx unspecified	151	0.2	1.2	**0.8**	0.05	0.09	51	0.1	0.4	**0.2**	0.02	0.02	*C14*
Oesophagus	2621	3.7	21.3	**11.8**	0.62	1.42	1554	2.2	11.8	**4.6**	0.18	0.52	*C15*
Stomach	2425	3.5	19.7	**10.3**	0.39	1.20	1572	2.2	11.9	**4.7**	0.17	0.53	*C16*
Small intestine	212	0.3	1.7	**1.0**	0.06	0.11	195	0.3	1.5	**0.7**	0.04	0.08	*C17*
Colon	5835	8.3	47.5	**24.9**	1.03	2.85	5552	7.8	42.1	**17.6**	0.79	2.00	*C18*
Rectum	3533	5.0	28.7	**16.0**	0.79	1.95	2361	3.3	17.9	**8.2**	0.44	0.94	*C19-20*
Anus	136	0.2	1.1	**0.7**	0.05	0.07	254	0.4	1.9	**1.0**	0.07	0.11	*C21*
Liver	1120	1.6	9.1	**5.0**	0.22	0.61	607	0.9	4.6	**2.0**	0.09	0.23	*C22*
Gallbladder etc.	290	0.4	2.4	**1.3**	0.06	0.14	439	0.6	3.3	**1.5**	0.07	0.17	*C23-24*
Pancreas	1507	2.1	12.3	**6.7**	0.32	0.79	1689	2.4	12.8	**5.3**	0.23	0.64	*C25*
Nose, sinuses etc.	101	0.1	0.8	**0.5**	0.03	0.06	75	0.1	0.6	**0.3**	0.02	0.03	*C30-31*
Larynx	1168	1.7	9.5	**5.7**	0.36	0.74	318	0.4	2.4	**1.3**	0.08	0.18	*C32*
Trachea, bronchus and lung	12712	18.1	103.4	**54.7**	2.26	6.66	10941	15.5	82.9	**37.1**	1.74	4.66	*C33-34*
Other thoracic organs	77	0.1	0.6	**0.4**	0.02	0.04	48	0.1	0.4	**0.2**	0.01	0.02	*C37-38*
Bone	118	0.2	1.0	**0.9**	0.06	0.07	96	0.1	0.7	**0.8**	0.05	0.05	*C40-41*
Melanoma of skin	1967	2.8	16.0	**10.2**	0.66	1.12	2513	3.6	19.0	**12.6**	0.91	1.20	*C43*
Other skin	21369		173.8	**94.4**	4.24	10.75	18903		143.2	**64.6**	3.38	7.16	*C44*
Mesothelioma	850	1.2	6.9	**3.7**	0.15	0.46	117	0.2	0.9	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	18	0.0	0.1	**0.1**	0.01	0.01	1	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	395	0.6	3.2	**2.2**	0.13	0.21	323	0.5	2.4	**1.7**	0.10	0.14	*C47+C49*
Breast	116	0.2	0.9	**0.5**	0.03	0.07	18868	26.7	142.9	**82.8**	6.10	9.36	*C50*
Vulva							493	0.7	3.7	**1.9**	0.12	0.20	*C51*
Vagina							104	0.1	0.8	**0.4**	0.02	0.05	*C52*
Cervix uteri							1432	2.0	10.8	**8.2**	0.61	0.75	*C53*
Corpus uteri							2612	3.7	19.8	**10.8**	0.75	1.38	*C54*
Uterus unspecified							245	0.3	1.9	**1.0**	0.07	0.12	*C55*
Ovary							2878	4.1	21.8	**11.9**	0.76	1.37	*C56*
Other female genital organs							66	0.1	0.5	**0.2**	0.02	0.03	*C57*
Placenta							3	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	212	0.3	1.7	**1.0**	0.07	0.11							*C60*
Prostate	13320	19.0	108.4	**57.2**	2.16	7.26							*C61*
Testis	971	1.4	7.9	**7.2**	0.55	0.57							*C62*
Other male genital organs	47	0.1	0.4	**0.2**	0.01	0.02							*C63*
Kidney	1955	2.8	15.9	**9.3**	0.50	1.09	1292	1.8	9.8	**4.8**	0.26	0.56	*C64*
Renal pelvis	102	0.1	0.8	**0.4**	0.02	0.05	110	0.2	0.8	**0.3**	0.01	0.04	*C65*
Ureter	73	0.1	0.6	**0.3**	0.01	0.04	60	0.1	0.5	**0.2**	0.01	0.02	*C66*
†Bladder	5271	7.5	42.9	**22.5**	0.89	2.62	2354	3.3	17.8	**7.6**	0.34	0.89	*C67*
Other urinary organs	35	0.0	0.3	**0.1**	0.00	0.01	14	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	145	0.2	1.2	**0.9**	0.05	0.09	143	0.2	1.1	**0.7**	0.04	0.07	*C69*
Brain, nervous system	1091	1.6	8.9	**6.3**	0.41	0.66	781	1.1	5.9	**3.9**	0.25	0.42	*C70-72*
Thyroid	227	0.3	1.8	**1.3**	0.09	0.13	587	0.8	4.4	**3.3**	0.24	0.31	*C73*
Adrenal gland	40	0.1	0.3	**0.4**	0.02	0.03	40	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	28	0.0	0.2	**0.2**	0.01	0.02	21	0.0	0.2	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	405	0.6	3.3	**2.9**	0.20	0.24	306	0.4	2.3	**2.1**	0.14	0.17	*C81*
Non-Hodgkin lymphoma	2327	3.3	18.9	**11.5**	0.67	1.28	2254	3.2	17.1	**8.7**	0.50	1.00	*C82-85,C96*
Immunoproliferative diseases	90	0.1	0.7	**0.4**	0.02	0.04	58	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	949	1.4	7.7	**4.2**	0.19	0.50	871	1.2	6.6	**2.7**	0.12	0.32	*C90*
Lymphoid leukaemia	1164	1.7	9.5	**6.5**	0.32	0.65	726	1.0	5.5	**3.4**	0.17	0.31	*C91*
Myeloid leukaemia	739	1.1	6.0	**3.7**	0.19	0.38	625	0.9	4.7	**2.7**	0.14	0.27	*C92-94*
Leukaemia unspecified	24	0.0	0.2	**0.1**	0.00	0.01	14	0.0	0.1	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	290	0.4	2.4	**1.4**	0.08	0.14	261	0.4	2.0	**0.9**	0.05	0.10	*MPD*
Myelodysplastic syndromes	320	0.5	2.6	**1.2**	0.02	0.10	276	0.4	2.1	**0.7**	0.02	0.07	*MDS*
Other and unspecified	2720	3.9	22.1	**11.3**	0.41	1.21	3479	4.9	26.4	**9.9**	0.38	1.00	*O&U*
All sites	91468		744.1	**413.5**	19.22	48.04	89646		679.1	**339.3**	19.88	38.13	*C00-96*
All sites except C44	70099	100.0	570.3	**319.1**	14.98	37.29	70743	100.0	535.9	**274.7**	16.50	30.97	*C00-96 exc. C44*

† See note following population pyramid

United Kingdom, Wales

REGISTRATION AREA

The Welsh Cancer Intelligence and Surveillance Unit (WCISU) covers Wales, which is part of the United Kingdom and has an area of nearly 20 800 km^2. In 2007, the population was almost 3 million. Much of Wales is rural and mountainous, but two thirds of residents live in urban South Wales.

CANCER CARE FACILITIES

Wales has seven health boards. Although health services are devolved to the Welsh government, most patients are diagnosed and treated within the National Health Service (NHS), which is free at the point of use. Two cancer networks and a system of multidisciplinary teams and site-specific clinical groups are coordinated by the Cancer National Specialist Advisory Group, which advises the Welsh government on the strategic development of effective evidence-based cancer services.

REGISTRY STRUCTURE AND METHODS

The WCISU was established in 1997 to provide information on cancer in Wales, and is an organization within the Public Health Wales NHS Trust. The registry is located in the city of Cardiff and is funded through a programme-level agreement between the Welsh government and Public Health Wales. The WCISU is staffed by 23 employees. The main sources of information are hospital inpatient records, pathology reports, death certificates, and registration from other cancer registries (for resident cases diagnosed and/or treated outside Wales). The WCISU also receives data from multidisciplinary teams. Each year, the data on several cancer types are validated throughout Wales and the data on a random sample of 10% of all patients are validated at hospitals.

INTERPRETING THE RESULTS

Wales has organized screening programmes for breast, cervical, and colorectal cancers, and the registry exchanges data with each of these programmes. Changes to the coding of bladder cancer as per the UK Association of Cancer Registries guidelines occurred in 2007, and some malignant cancers are now registered as in situ.

USE OF THE DATA

The WCISU publishes a variety of reports each year. The registry also provides a request and analysis service to organizations and individuals who require cancer information, and provides information to support genetic counselling services.

CONTRIBUTORS

John Steward
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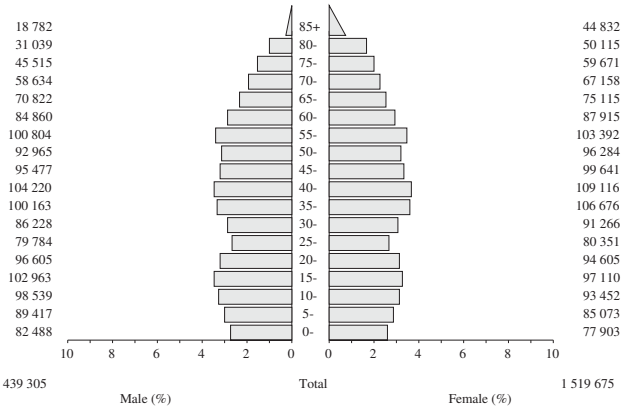
UK, Wales (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Provided by the UK Office for National Statistics (ONS).

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	73.1	Breast	86.1
Trachea, bronchus and lung	43.2	Trachea, bronchus and lung	26.3
Colon	23.2	Colon	15.9
Bladder	20.5	Corpus uteri	13.7
Rectum	16.1	Ovary	11.6
Non-Hodgkin lymphoma	12.0	Melanoma of skin	10.3
Other and unspecified	11.0	Other and unspecified	9.5
Stomach	10.7	Cervix uteri	8.4
Oesophagus	9.8	Non-Hodgkin lymphoma	8.2
Melanoma of skin	9.5	Rectum	8.2
All sites	310.4	All sites	261.7

UK, Wales (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	67	0.2	0.9	**0.5**	0.03	0.05	26	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	279	0.6	3.9	**2.5**	0.19	0.30	148	0.4	1.9	**1.1**	0.09	0.13	*C01-02*
Mouth	258	0.6	3.6	**2.2**	0.17	0.26	167	0.4	2.2	**1.1**	0.08	0.12	*C03-06*
Salivary glands	104	0.2	1.4	**0.8**	0.04	0.08	65	0.2	0.9	**0.5**	0.03	0.05	*C07-08*
Tonsil	180	0.4	2.5	**1.6**	0.14	0.18	58	0.1	0.8	**0.5**	0.04	0.05	*C09*
Other oropharynx	29	0.1	0.4	**0.2**	0.02	0.03	14	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	44	0.1	0.6	**0.5**	0.03	0.05	20	0.0	0.3	**0.2**	0.01	0.02	*C11*
Hypopharynx	98	0.2	1.4	**0.8**	0.05	0.10	39	0.1	0.5	**0.3**	0.02	0.03	*C12-13*
Pharynx unspecified	45	0.1	0.6	**0.3**	0.02	0.04	17	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	1388	3.2	19.3	**9.8**	0.50	1.17	791	2.0	10.4	**3.9**	0.18	0.45	*C15*
Stomach	1619	3.7	22.5	**10.7**	0.45	1.21	958	2.4	12.6	**4.4**	0.15	0.48	*C16*
Small intestine	158	0.4	2.2	**1.2**	0.06	0.14	140	0.3	1.8	**0.8**	0.05	0.10	*C17*
Colon	3474	8.0	48.3	**23.2**	0.96	2.69	3061	7.7	40.3	**15.9**	0.73	1.84	*C18*
Rectum	2309	5.3	32.1	**16.1**	0.78	1.96	1425	3.6	18.8	**8.2**	0.45	0.93	*C19-20*
Anus	98	0.2	1.4	**0.7**	0.04	0.08	151	0.4	2.0	**1.1**	0.08	0.11	*C21*
Liver	535	1.2	7.4	**3.9**	0.18	0.46	361	0.9	4.8	**2.1**	0.10	0.23	*C22*
Gallbladder etc.	137	0.3	1.9	**0.9**	0.04	0.11	199	0.5	2.6	**1.0**	0.05	0.11	*C23-24*
Pancreas	1058	2.4	14.7	**7.2**	0.33	0.83	1144	2.9	15.1	**5.7**	0.26	0.65	*C25*
Nose, sinuses etc.	58	0.1	0.8	**0.5**	0.03	0.05	55	0.1	0.7	**0.4**	0.03	0.05	*C30-31*
Larynx	472	1.1	6.6	**3.6**	0.22	0.43	100	0.2	1.3	**0.7**	0.04	0.09	*C32*
Trachea, bronchus and lung	6488	14.9	90.2	**43.2**	1.84	5.14	4626	11.6	60.9	**26.3**	1.32	3.29	*C33-34*
Other thoracic organs	44	0.1	0.6	**0.4**	0.03	0.04	38	0.1	0.5	**0.3**	0.02	0.03	*C37-38*
Bone	85	0.2	1.2	**1.0**	0.06	0.08	65	0.2	0.9	**0.6**	0.04	0.05	*C40-41*
Melanoma of skin	1109	2.5	15.4	**9.5**	0.63	1.04	1240	3.1	16.3	**10.3**	0.74	1.04	*C43*
Other skin	16		0.2	**0.1**	0.01	0.01	26		0.3	**0.2**	0.01	0.02	*C44*
Mesothelioma	404	0.9	5.6	**2.7**	0.12	0.34	70	0.2	0.9	**0.4**	0.02	0.05	*C45*
Kaposi sarcoma	11	0.0	0.2	**0.1**	0.01	0.01	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	269	0.6	3.7	**2.4**	0.15	0.24	225	0.6	3.0	**1.9**	0.12	0.18	*C47+C49*
Breast	74	0.2	1.0	**0.5**	0.03	0.05	11635	29.1	153.1	**86.1**	6.37	9.80	*C50*
Vulva							342	0.9	4.5	**2.0**	0.11	0.20	*C51*
Vagina							70	0.2	0.9	**0.4**	0.02	0.05	*C52*
Cervix uteri							842	2.1	11.1	**8.4**	0.64	0.78	*C53*
Corpus uteri							1998	5.0	26.3	**13.7**	0.95	1.76	*C54*
Uterus unspecified							97	0.2	1.3	**0.6**	0.04	0.06	*C55*
Ovary							1739	4.3	22.9	**11.6**	0.74	1.41	*C56*
Other female genital organs							44	0.1	0.6	**0.3**	0.02	0.04	*C57*
Placenta							3	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	135	0.3	1.9	**1.1**	0.07	0.11							*C60*
Prostate	11213	25.7	155.8	**73.1**	2.81	8.90							*C61*
Testis	527	1.2	7.3	**7.3**	0.54	0.57							*C62*
Other male genital organs	21	0.0	0.3	**0.2**	0.01	0.02							*C63*
Kidney	1250	2.9	17.4	**9.5**	0.56	1.10	767	1.9	10.1	**5.1**	0.30	0.59	*C64*
Renal pelvis	51	0.1	0.7	**0.3**	0.02	0.04	34	0.1	0.4	**0.2**	0.01	0.03	*C65*
Ureter	60	0.1	0.8	**0.4**	0.02	0.05	41	0.1	0.5	**0.2**	0.01	0.02	*C66*
†Bladder	3103	7.1	43.1	**20.5**	0.83	2.32	1215	3.0	16.0	**6.3**	0.28	0.74	*C67*
Other urinary organs	17	0.0	0.2	**0.1**	0.01	0.01	9	0.0	0.1	**0.0**	0.00	0.01	*C68*
Eye	118	0.3	1.6	**1.2**	0.08	0.12	98	0.2	1.3	**1.0**	0.06	0.09	*C69*
Brain, nervous system	695	1.6	9.7	**6.7**	0.42	0.68	541	1.4	7.1	**4.7**	0.30	0.47	*C70-72*
Thyroid	119	0.3	1.7	**1.1**	0.07	0.12	266	0.7	3.5	**2.7**	0.19	0.24	*C73*
Adrenal gland	23	0.1	0.3	**0.3**	0.02	0.03	29	0.1	0.4	**0.4**	0.02	0.03	*C74*
Other endocrine	13	0.0	0.2	**0.2**	0.01	0.01	21	0.1	0.3	**0.2**	0.01	0.02	*C75*
Hodgkin lymphoma	217	0.5	3.0	**2.6**	0.18	0.22	156	0.4	2.1	**1.8**	0.13	0.15	*C81*
Non-Hodgkin lymphoma	1484	3.4	20.6	**12.0**	0.70	1.38	1280	3.2	16.8	**8.2**	0.47	0.95	*C82-85,C96*
Immunoproliferative diseases	64	0.1	0.9	**0.4**	0.02	0.05	29	0.1	0.4	**0.1**	0.00	0.02	*C88*
Multiple myeloma	615	1.4	8.5	**4.2**	0.19	0.48	566	1.4	7.4	**3.0**	0.16	0.35	*C90*
Lymphoid leukaemia	686	1.6	9.5	**5.8**	0.26	0.55	454	1.1	6.0	**3.2**	0.13	0.27	*C91*
Myeloid leukaemia	646	1.5	9.0	**5.0**	0.24	0.53	496	1.2	6.5	**3.3**	0.19	0.34	*C92-94*
Leukaemia unspecified	28	0.1	0.4	**0.2**	0.00	0.01	31	0.1	0.4	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	1685	3.9	23.4	**11.0**	0.44	1.17	2003	5.0	26.4	**9.5**	0.40	0.97	*O&U*
All sites	43680		607.0	**310.4**	14.65	35.66	40037		526.9	**261.7**	16.23	29.54	*C00-96*
All sites except C44	43664	100.0	606.7	**310.3**	14.65	35.65	40011	100.0	526.6	**261.5**	16.22	29.52	*C00-96 exc. C44*

† See note following population pyramid

Australian Capital Territory

REGISTRATION AREA

The Australian Capital Territory (ACT) Cancer Registry covers the population of the ACT, which has an area of approximately 2400 km^2 and is surrounded on all sides by the state of New South Wales (NSW). Almost all ACT residents live in metropolitan Canberra. At the June 2006 census, the estimated population of the ACT was 334 000, of whom 18.7% were aged less than 15 years and 9.5% were aged 65 years or more. The ACT population accounts for 1.6% of Australia's total population.

CANCER CARE FACILITIES

The ACT Government Health Directorate oversees general health care in the region, in partnership with the service providers. The ACT has a comprehensive range of cancer prevention, early detection, treatment, community care, and palliative services available to the local community, in both the public and private sectors. Canberra Hospital is the principal cancer care provider in the ACT and surrounding NSW region, and offers expertise in surgery, medical and radiation oncology, and haematology services.

REGISTRY STRUCTURE AND METHODS

The ACT Cancer Registry collects data on all new cases of cancer and cancer-related deaths among ACT residents. The ACT Government Health Directorate funds the registry. All public and private pathology laboratories, hospitals, and nursing homes in the ACT are required by law to notify the registry of any cancer in patients or in human tissues. The notification of cancer became mandatory in the ACT in 1994, under provisions of the Public Health Act. Before that, notification had been voluntary since 1982. The Health Directorate contracts the Cancer Institute NSW to register ACT cancer cases and cancer-related deaths on its behalf.

INTERPRETING THE RESULTS

Until 1994, the voluntary nature of reporting led to underreporting of cancer cases. Due to the implementation of mandatory notification, the level of ascertainment is now likely to be high. Screening programmes exist for breast cancer (among women aged 50–69 years, with estimated 57% coverage), cervical cancer (among women aged 18–69 years, with 62% coverage), and colorectal cancer (among individuals aged 50–65 years).

USE OF THE DATA

The registry monitors cancer incidence trends within the ACT population. Due to the small number of cases registered each year, data are reported as 5-year averages on a biennial reporting cycle. Unit record data are available to approved medical researchers engaged in studies that are considered to be of benefit to the community by the ACT Health Human Research Ethics Committee.

CONTRIBUTORS

Linda Halliday
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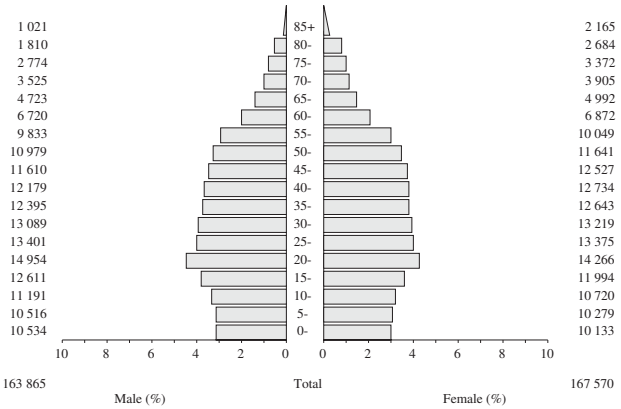
NSW Central Cancer Registry

Australian Capital Territory (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data published by the Australian Bureau of Statistics in the report *Population by Age and Sex, Australian States and Territories (Supplementary Table for the ACT)*, Catalogue No. 3201.8.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	108.4	Breast	92.7
Melanoma of skin	35.4	Melanoma of skin	27.0
Colon	25.9	Colon	21.4
Trachea, bronchus and lung	24.5	Trachea, bronchus and lung	16.7
Rectum	17.7	Corpus uteri	10.5
Non-Hodgkin lymphoma	14.7	Rectum	10.4
Kidney	11.4	Other and unspecified	8.9
Lymphoid leukaemia	8.6	Non-Hodgkin lymphoma	8.5
Other and unspecified	8.5	Ovary	8.4
Bladder	7.8	Thyroid	7.1
All sites	346.5	All sites	269.9

Australian Capital Territory (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	15	0.4	1.8	**1.5**	0.09	0.17	10	0.3	1.2	**0.9**	0.04	0.11	*C00*
Tongue	26	0.7	3.2	**2.5**	0.19	0.31	10	0.3	1.2	**0.8**	0.05	0.09	*C01-02*
Mouth	12	0.3	1.5	**1.2**	0.07	0.14	7	0.2	0.8	**0.7**	0.02	0.10	*C03-06*
Salivary glands	11	0.3	1.3	**1.1**	0.07	0.12	7	0.2	0.8	**0.7**	0.08	0.08	*C07-08*
Tonsil	17	0.5	2.1	**1.6**	0.14	0.19	3	0.1	0.4	**0.3**	0.03	0.03	*C09*
Other oropharynx	3	0.1	0.4	**0.3**	0.01	0.05	1	0.0	0.1	**0.0**	0.00	0.00	*C10*
Nasopharynx	1	0.0	0.1	**0.1**	0.01	0.01	2	0.1	0.2	**0.2**	0.02	0.02	*C11*
Hypopharynx	3	0.1	0.4	**0.3**	0.03	0.03	1	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.1	0.2	**0.2**	0.00	0.00	4	0.1	0.5	**0.4**	0.01	0.05	*C14*
Oesophagus	39	1.1	4.8	**3.6**	0.16	0.42	17	0.6	2.0	**1.5**	0.04	0.23	*C15*
Stomach	73	2.1	8.9	**6.8**	0.27	0.83	38	1.2	4.5	**3.1**	0.17	0.32	*C16*
Small intestine	15	0.4	1.8	**1.5**	0.08	0.18	11	0.4	1.3	**0.7**	0.02	0.04	*C17*
Colon	266	7.6	32.5	**25.9**	1.19	3.21	255	8.3	30.4	**21.4**	0.94	2.53	*C18*
Rectum	181	5.1	22.1	**17.7**	1.03	2.13	123	4.0	14.7	**10.4**	0.66	1.23	*C19-20*
Anus	6	0.2	0.7	**0.6**	0.05	0.08	7	0.2	0.8	**0.6**	0.05	0.05	*C21*
Liver	44	1.3	5.4	**4.3**	0.21	0.54	17	0.6	2.0	**1.5**	0.09	0.20	*C22*
Gallbladder etc.	19	0.5	2.3	**1.9**	0.05	0.25	17	0.6	2.0	**1.3**	0.05	0.16	*C23-24*
Pancreas	62	1.8	7.6	**5.7**	0.24	0.58	57	1.9	6.8	**4.5**	0.09	0.58	*C25*
Nose, sinuses etc.	7	0.2	0.9	**0.7**	0.03	0.08	4	0.1	0.5	**0.3**	0.03	0.03	*C30-31*
Larynx	22	0.6	2.7	**2.0**	0.10	0.22	2	0.1	0.2	**0.1**	0.01	0.01	*C32*
Trachea, bronchus and lung	263	7.5	32.1	**24.5**	0.85	2.89	199	6.5	23.8	**16.7**	0.83	2.13	*C33-34*
Other thoracic organs	4	0.1	0.5	**0.4**	0.02	0.04	2	0.1	0.2	**0.2**	0.01	0.01	*C37-38*
Bone	8	0.2	1.0	**0.9**	0.05	0.08	9	0.3	1.1	**1.0**	0.08	0.08	*C40-41*
Melanoma of skin	361	10.3	44.1	**35.4**	2.08	4.02	299	9.8	35.7	**27.0**	1.97	2.72	*C43*
Other skin	0		0.0	**0.0**	0.00	0.00	0		0.0	**0.0**	0.00	0.00	*C44*
Mesothelioma	27	0.8	3.3	**2.6**	0.11	0.33	5	0.2	0.6	**0.4**	0.02	0.04	*C45*
Kaposi sarcoma	2	0.1	0.2	**0.2**	0.02	0.02	2	0.1	0.2	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	32	0.9	3.9	**3.0**	0.13	0.29	20	0.7	2.4	**1.9**	0.16	0.16	*C47+C49*
Breast	6	0.2	0.7	**0.6**	0.02	0.07	1027	33.5	122.6	**92.7**	6.90	10.53	*C50*
Vulva							16	0.5	1.9	**1.3**	0.10	0.12	*C51*
Vagina							6	0.2	0.7	**0.5**	0.05	0.05	*C52*
Cervix uteri							55	1.8	6.6	**5.1**	0.39	0.49	*C53*
Corpus uteri							119	3.9	14.2	**10.5**	0.70	1.29	*C54*
Uterus unspecified							3	0.1	0.4	**0.3**	0.02	0.05	*C55*
Ovary							92	3.0	11.0	**8.4**	0.54	0.98	*C56*
Other female genital organs							7	0.2	0.8	**0.6**	0.03	0.05	*C57*
Placenta							2	0.1	0.2	**0.2**	0.02	0.02	*C58*
Penis	1	0.0	0.1	**0.1**	0.00	0.02							*C60*
Prostate	1088	30.9	132.8	**108.4**	5.39	14.10							*C61*
Testis	66	1.9	8.1	**6.8**	0.52	0.52							*C62*
Other male genital organs	3	0.1	0.4	**0.3**	0.01	0.03							*C63*
Kidney	111	3.2	13.5	**11.4**	0.66	1.28	50	1.6	6.0	**4.5**	0.23	0.53	*C64*
Renal pelvis	6	0.2	0.7	**0.6**	0.03	0.07	7	0.2	0.8	**0.5**	0.05	0.05	*C65*
Ureter	6	0.2	0.7	**0.5**	0.00	0.03	2	0.1	0.2	**0.2**	0.01	0.01	*C66*
Bladder	86	2.4	10.5	**7.8**	0.30	0.81	23	0.8	2.7	**1.4**	0.06	0.08	*C67*
Other urinary organs	1	0.0	0.1	**0.1**	0.00	0.02	1	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	15	0.4	1.8	**1.5**	0.12	0.17	10	0.3	1.2	**1.1**	0.06	0.13	*C69*
Brain, nervous system	65	1.8	7.9	**6.7**	0.45	0.70	60	2.0	7.2	**5.7**	0.38	0.50	*C70-72*
Thyroid	33	0.9	4.0	**3.3**	0.28	0.33	72	2.4	8.6	**7.1**	0.57	0.68	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	4	0.1	0.5	**0.9**	0.04	0.04	*C74*
Other endocrine	1	0.0	0.1	**0.1**	0.01	0.01	2	0.1	0.2	**0.2**	0.01	0.03	*C75*
Hodgkin lymphoma	23	0.7	2.8	**2.6**	0.17	0.22	9	0.3	1.1	**1.1**	0.07	0.07	*C81*
Non-Hodgkin lymphoma	139	4.0	17.0	**14.7**	0.82	1.69	100	3.3	11.9	**8.5**	0.41	0.96	*C82-85,C96*
Immunoproliferative diseases	7	0.2	0.9	**0.7**	0.04	0.08	2	0.1	0.2	**0.1**	0.00	0.00	*C88*
Multiple myeloma	48	1.4	5.9	**4.7**	0.27	0.56	38	1.2	4.5	**3.2**	0.19	0.40	*C90*
Lymphoid leukaemia	76	2.2	9.3	**8.6**	0.41	1.02	38	1.2	4.5	**4.3**	0.20	0.31	*C91*
Myeloid leukaemia	66	1.9	8.1	**6.2**	0.27	0.52	34	1.1	4.1	**2.9**	0.20	0.31	*C92-94*
Leukaemia unspecified	3	0.1	0.4	**0.4**	0.01	0.01	1	0.0	0.1	**0.0**	0.00	0.00	*C95*
Myeloproliferative disorders	16	0.5	2.0	**1.5**	0.07	0.16	22	0.7	2.6	**1.9**	0.14	0.23	*MPD*
Myelodysplastic syndromes	43	1.2	5.2	**3.9**	0.09	0.30	17	0.6	2.0	**1.1**	0.07	0.09	*MDS*
Other and unspecified	87	2.5	10.6	**8.5**	0.26	0.94	114	3.7	13.6	**8.9**	0.45	1.04	*O&U*
All sites	3517		429.3	**346.5**	17.51	40.87	3062		365.5	**269.9**	17.33	30.09	*C00-96*
All sites except C44	3517	100.0	429.3	**346.5**	17.51	40.87	3062	100.0	365.5	**269.9**	17.33	30.09	*C00-96 exc. C44*

Australia, New South Wales

REGISTRATION AREA

The New South Wales (NSW) Central Cancer Registry, which covers the state of NSW, was created in 1972. At the 2011 census, the NSW population was 6.9 million; Sydney is the state's most populous city (4.4 million). The state's other residents live in coastal towns and rural/remote areas. NSW has the country's largest Aboriginal population (172 000), accounting for 31.5% of all Aboriginal Australian residents. There is also a large migrant population (27%), predominantly from the United Kingdom, New Zealand, and Europe, and increasingly from Asia. A total of 61% of Australian residents self-identify as Christian, 22% as atheist or undeclared, and less than 3% each as Eastern Orthodox, Buddhist, Muslim, and Hindu.

CANCER CARE FACILITIES

Local health districts provide local cancer services, including inpatient and outpatient hospital care and community health care, and specialist cancer care centres provide outpatient radiotherapy and chemotherapy services. Cancer services are also provided by private facilities.

REGISTRY STRUCTURE AND METHODS

The NSW Central Cancer Registry is managed and funded by the Cancer Institute NSW on behalf of the Ministry of Health. The registry records all cases of invasive cancer, excluding non-melanoma skin cancers. Notification of cancer is mandatory for all NSW facilities that diagnose or treat cancer (as per the Public Health Act 1991). Approximately 50% of all notifications are electronic, and pathology reports are paper-based. The collected information is protected by the Public Health Act and kept confidential. Death registrations are provided by the Australian Bureau of Statistics, and the registry routinely matches cancer cases against records of all deaths in Australia to update follow-up information. A consolidated population and clinical cancer registry database is currently being built.

INTERPRETING THE RESULTS

NSW has screening programmes for breast cancer (among women aged 50–69 years, with estimated 56% coverage) and cervical cancer (among women aged 20–69 years, with 60% coverage), which were both started in 1991.

USE OF THE DATA

The registry contributes to prevention programmes, planning, cancer control, and evaluation of screening programmes in NSW by providing timely and accurate data. An annual statistical report and tabulated data are made available through a web-based reporting module, and several other reports are available from the Cancer Institute NSW's website (http://www.cancerinstitute.org.au/). The registry also contributes to national and international publications. Unit record information is provided subject to approval from the registry's Research Ethics Committee.

CONTRIBUTORS

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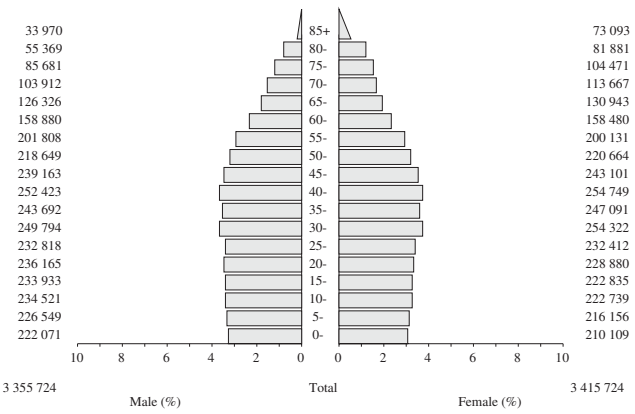
Australia, New South Wales (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Obtained from the Australian Bureau of Statistics. The estimated resident population of NSW in 2005 is based on intercensal estimates. Population estimates are adjusted on the basis of births, deaths, and migrations. Updated population estimates are released every year in June and December.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	111.1	Breast	82.5
Melanoma of skin	40.8	Melanoma of skin	28.4
Trachea, bronchus and lung	34.7	Colon	21.9
Colon	27.4	Trachea, bronchus and lung	19.2
Rectum	18.4	Thyroid	10.7
Non-Hodgkin lymphoma	14.5	Corpus uteri	10.4
Other and unspecified	11.0	Non-Hodgkin lymphoma	10.1
Kidney	10.2	Rectum	10.0
Bladder	9.1	Other and unspecified	8.6
Stomach	7.7	Ovary	7.8
All sites	375.9	All sites	273.1

Australia, New South Wales (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	855	0.9	5.1	**3.6**	0.23	0.39	319	0.4	1.9	**1.1**	0.06	0.11	*C00*
Tongue	607	0.6	3.6	**2.6**	0.18	0.31	293	0.4	1.7	**1.0**	0.06	0.12	*C01-02*
Mouth	514	0.5	3.1	**2.1**	0.13	0.26	335	0.4	2.0	**1.1**	0.06	0.14	*C03-06*
Salivary glands	264	0.3	1.6	**1.0**	0.05	0.11	178	0.2	1.0	**0.7**	0.04	0.07	*C07-08*
Tonsil	293	0.3	1.7	**1.3**	0.10	0.15	92	0.1	0.5	**0.4**	0.03	0.05	*C09*
Other oropharynx	85	0.1	0.5	**0.3**	0.02	0.04	22	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	197	0.2	1.2	**0.9**	0.07	0.09	72	0.1	0.4	**0.3**	0.03	0.03	*C11*
Hypopharynx	197	0.2	1.2	**0.8**	0.05	0.12	33	0.0	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	94	0.1	0.6	**0.4**	0.02	0.05	25	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	1334	1.4	8.0	**4.9**	0.24	0.58	649	0.9	3.8	**1.7**	0.07	0.18	*C15*
Stomach	2104	2.2	12.5	**7.7**	0.35	0.91	1142	1.5	6.7	**3.4**	0.17	0.38	*C16*
Small intestine	314	0.3	1.9	**1.2**	0.08	0.14	245	0.3	1.4	**0.8**	0.06	0.09	*C17*
Colon	7484	7.7	44.6	**27.4**	1.19	3.36	7214	9.5	42.2	**21.9**	1.00	2.60	*C18*
Rectum	4768	4.9	28.4	**18.4**	0.98	2.29	2971	3.9	17.4	**10.0**	0.59	1.18	*C19-20*
Anus	229	0.2	1.4	**0.9**	0.06	0.10	248	0.3	1.5	**0.9**	0.06	0.11	*C21*
Liver	1379	1.4	8.2	**5.4**	0.32	0.62	634	0.8	3.7	**1.9**	0.09	0.22	*C22*
Gallbladder etc.	419	0.4	2.5	**1.5**	0.08	0.18	514	0.7	3.0	**1.5**	0.07	0.17	*C23-24*
Pancreas	1976	2.0	11.8	**7.2**	0.34	0.85	1946	2.6	11.4	**5.3**	0.21	0.60	*C25*
Nose, sinuses etc.	153	0.2	0.9	**0.6**	0.03	0.06	94	0.1	0.6	**0.3**	0.02	0.03	*C30-31*
Larynx	924	0.9	5.5	**3.6**	0.20	0.47	116	0.2	0.7	**0.4**	0.02	0.05	*C32*
Trachea, bronchus and lung	9665	9.9	57.6	**34.7**	1.44	4.26	5824	7.7	34.1	**19.2**	1.02	2.38	*C33-34*
Other thoracic organs	99	0.1	0.6	**0.5**	0.02	0.04	58	0.1	0.3	**0.3**	0.02	0.03	*C37-38*
Bone	209	0.2	1.2	**1.2**	0.07	0.09	138	0.2	0.8	**0.7**	0.05	0.06	*C40-41*
Melanoma of skin	10249	10.5	61.1	**40.8**	2.44	4.50	7153	9.4	41.9	**28.4**	1.98	3.01	*C43*
Other skin	26		0.2	**0.1**	0.00	0.01	26		0.2	**0.1**	0.01	0.01	*C44*
Mesothelioma	875	0.9	5.2	**3.0**	0.11	0.36	181	0.2	1.1	**0.6**	0.03	0.07	*C45*
Kaposi sarcoma	124	0.1	0.7	**0.5**	0.04	0.05	20	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	480	0.5	2.9	**2.1**	0.12	0.21	372	0.5	2.2	**1.7**	0.10	0.16	*C47+C49*
Breast	179	0.2	1.1	**0.7**	0.03	0.08	20641	27.3	120.9	**82.5**	6.29	9.41	*C50*
Vulva							445	0.6	2.6	**1.4**	0.08	0.15	*C51*
Vagina							130	0.2	0.8	**0.4**	0.02	0.04	*C52*
Cervix uteri							1221	1.6	7.1	**5.3**	0.40	0.52	*C53*
Corpus uteri							2756	3.6	16.1	**10.4**	0.72	1.30	*C54*
Uterus unspecified							218	0.3	1.3	**0.8**	0.05	0.08	*C55*
Ovary							2105	2.8	12.3	**7.8**	0.51	0.88	*C56*
Other female genital organs							119	0.2	0.7	**0.5**	0.03	0.05	*C57*
Placenta							13	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	139	0.1	0.8	**0.5**	0.03	0.06							*C60*
Prostate	29130	29.8	173.6	**111.1**	5.44	14.64							*C61*
Testis	1105	1.1	6.6	**6.1**	0.46	0.47							*C62*
Other male genital organs	41	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	2530	2.6	15.1	**10.2**	0.64	1.20	1385	1.8	8.1	**5.0**	0.29	0.57	*C64*
Renal pelvis	218	0.2	1.3	**0.8**	0.03	0.09	249	0.3	1.5	**0.7**	0.02	0.09	*C65*
Ureter	114	0.1	0.7	**0.4**	0.01	0.04	77	0.1	0.5	**0.2**	0.01	0.03	*C66*
Bladder	2668	2.7	15.9	**9.1**	0.32	0.98	1024	1.4	6.0	**2.6**	0.08	0.27	*C67*
Other urinary organs	48	0.0	0.3	**0.2**	0.00	0.02	19	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	262	0.3	1.6	**1.1**	0.06	0.11	196	0.3	1.1	**0.8**	0.05	0.08	*C69*
Brain, nervous system	1430	1.5	8.5	**6.5**	0.42	0.69	1065	1.4	6.2	**4.6**	0.28	0.46	*C70-72*
Thyroid	713	0.7	4.2	**3.3**	0.24	0.34	2343	3.1	13.7	**10.7**	0.86	1.04	*C73*
Adrenal gland	67	0.1	0.4	**0.4**	0.02	0.03	56	0.1	0.3	**0.3**	0.02	0.03	*C74*
Other endocrine	33	0.0	0.2	**0.2**	0.01	0.01	20	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	446	0.5	2.7	**2.4**	0.16	0.20	379	0.5	2.2	**2.0**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	3639	3.7	21.7	**14.5**	0.83	1.65	2936	3.9	17.2	**10.1**	0.59	1.13	*C82-85,C96*
Immunoproliferative diseases	71	0.1	0.4	**0.2**	0.00	0.02	51	0.1	0.3	**0.1**	0.01	0.02	*C88*
Multiple myeloma	1278	1.3	7.6	**4.7**	0.23	0.56	978	1.3	5.7	**3.0**	0.14	0.35	*C90*
Lymphoid leukaemia	1398	1.4	8.3	**6.3**	0.31	0.59	881	1.2	5.2	**3.7**	0.18	0.32	*C91*
Myeloid leukaemia	1294	1.3	7.7	**5.2**	0.27	0.51	926	1.2	5.4	**3.3**	0.19	0.33	*C92-94*
Leukaemia unspecified	90	0.1	0.5	**0.3**	0.01	0.03	75	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	697	0.7	4.2	**2.7**	0.14	0.29	585	0.8	3.4	**1.9**	0.10	0.20	*MPD*
Myelodysplastic syndromes	1092	1.1	6.5	**3.3**	0.07	0.29	822	1.1	4.8	**1.9**	0.05	0.19	*MDS*
Other and unspecified	3165	3.2	18.9	**11.0**	0.42	1.14	3122	4.1	18.3	**8.6**	0.37	0.91	*O&U*
All sites	97764		582.7	**375.9**	19.13	44.63	75751		443.5	**273.1**	17.33	30.52	*C00-96*
All sites except C44	97738	100.0	582.5	**375.8**	19.12	44.62	75725	100.0	443.4	**273.0**	17.33	30.51	*C00-96 exc. C44*

Australia, Northern Territory

REGISTRATION AREA

The Northern Territory Cancer Registry (NTCR) is a population-based registry established in 1981 to cover the entire population of the Northern Territory (NT), a sparsely settled area of 1.4 million km^2 in central and northern Australia. At the June 2011 census, the estimated population of the NT was 231 000. Approximately 30% of residents are Indigenous Australians, many of whom live in small, remote communities.

CANCER CARE FACILITIES

There are six hospitals (including two referral hospitals) and a well-developed private health care system in the larger towns. There is also an extensive network of primary health care centres in the more remote communities. The NT has significantly strengthened its Cancer Service in the past few years, with the opening of the Alan Walker Cancer Care Centre (AWCCC) in 2010. The AWCCC provides the latest radiation and chemotherapy treatments available, reducing the need for lengthy interstate travel for the majority of cancer patients.

REGISTRY STRUCTURE AND METHODS

The registry is located within the Health Gains Planning Branch of the state's Department of Health. Notification of NT cancer cases is mandatory for all NT hospitals and pathology laboratories, as well as for the Registry of Births, Deaths and Marriages, as per the Cancer (Registration) Act 2009. General practitioners and other health professionals are not required to notify but must provide information upon request. Data processing, coding, and database maintenance are performed under contract by the South Australian Cancer Registry. Data analysis and publication are performed by the Health Gains Planning Branch staff. No clinical data are collected, although there are plans to establish a clinical prostate cancer registry.

INTERPRETING THE RESULTS

Cancer incidence and mortality statistics are published separately for Indigenous and non-Indigenous residents. Indigenous Territorians have a very different pattern of cancer incidence and survival for specific cancer sites than do other Australians; incidence is much higher for some cancers and lower for others, and cancer survival is lower in general. Screening programmes exist for breast cancer (among women aged 50–69 years, with estimated 42% coverage) and cervical cancer (among women aged 20–69 years, with 56% coverage).

USE OF THE DATA

Due to the small number of cases registered each year, the registry produces statistical reports only every few years. In recent years, registry data provided invaluable information for determining the feasibility of establishing a radiation oncology service within the NT.

CONTRIBUTORS

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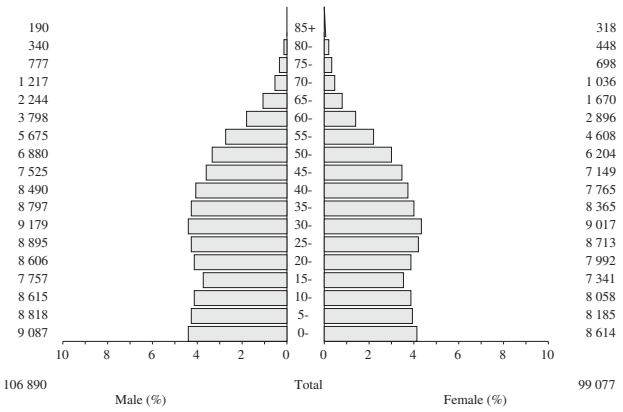
Australia, Northern Territory (2003-2007)
Average annual person-years by sex and age group

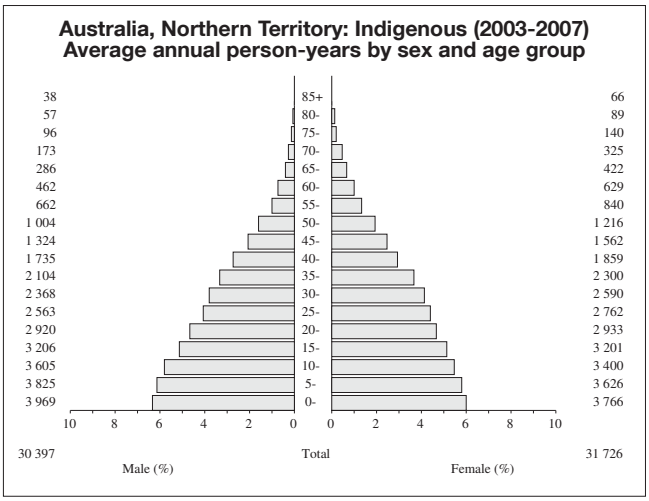


SOURCE OF POPULATION

Based on the 2006 national Census of Population and Housing carried out by the Australian Bureau of Statistics. The net undercount rate for the NT Indigenous population in this census was 19.2% (*3101.0 - Australian Demographic Statistics*, Mar 2007).

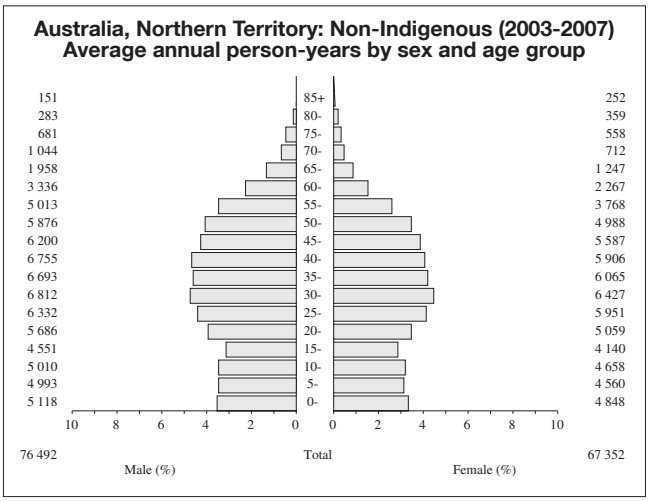
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	74.7	Breast	60.3
Trachea, bronchus and lung	46.2	Trachea, bronchus and lung	22.9
Melanoma of skin	26.0	Melanoma of skin	18.8
Colon	24.8	Colon	17.1
Rectum	16.9	Corpus uteri	11.1
Other and unspecified	16.2	Other and unspecified	10.5
Bladder	16.0	Rectum	8.8
Non-Hodgkin lymphoma	12.4	Cervix uteri	8.3
Oesophagus	8.6	Non-Hodgkin lymphoma	7.1
Kidney	7.8	Thyroid	6.9
All sites	345.6	All sites	239.0



AUSTRALIA, NORTHERN TERRITORY: INDIGENOUS 10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Trachea, bronchus and lung	69.9	Breast	39.6
Prostate	36.2	Trachea, bronchus and lung	31.9
Other and unspecified	27.3	Other and unspecified	20.0
Rectum	17.7	Corpus uteri	17.6
Liver	13.7	Cervix uteri	15.7
Colon	13.3	Thyroid	10.3
Hypopharynx	12.1	Non-Hodgkin lymphoma	9.3
Bladder	11.3	Colon	8.5
Larynx	10.2	Myeloid leukaemia	7.5
Oesophagus	8.9	Gallbladder etc.	6.4
All sites	332.1	All sites	242.0



AUSTRALIA, NORTHERN TERRITORY: NON-INDIGENOUS 10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	78.5	Breast	65.2
Trachea, bronchus and lung	42.6	Melanoma of skin	23.1
Melanoma of skin	28.6	Trachea, bronchus and lung	20.3
Colon	26.5	Colon	19.9
Rectum	16.7	Rectum	11.0
Bladder	16.4	Corpus uteri	8.5
Other and unspecified	14.0	Other and unspecified	7.0
Non-Hodgkin lymphoma	12.7	Non-Hodgkin lymphoma	6.3
Oesophagus	8.4	Cervix uteri	6.2
Kidney	8.4	Lymphoid leukaemia	6.1
All sites	344.2	All sites	235.3

Australia, Northern Territory (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	25	1.6	4.7	**4.6**	0.24	0.53	1	0.1	0.2	**0.2**	0.01	0.01	*C00*
Tongue	23	1.4	4.3	**4.0**	0.30	0.43	12	1.1	2.4	**2.3**	0.16	0.22	*C01-02*
Mouth	30	1.9	5.6	**5.3**	0.35	0.64	11	1.0	2.2	**2.8**	0.18	0.30	*C03-06*
Salivary glands	2	0.1	0.4	**0.5**	0.01	0.10	5	0.5	1.0	**0.9**	0.06	0.06	*C07-08*
Tonsil	26	1.6	4.9	**4.6**	0.31	0.61	1	0.1	0.2	**0.2**	0.02	0.02	*C09*
Other oropharynx	7	0.4	1.3	**1.1**	0.12	0.12	2	0.2	0.4	**0.3**	0.03	0.03	*C10*
Nasopharynx	7	0.4	1.3	**1.2**	0.08	0.16	4	0.4	0.8	**0.6**	0.06	0.06	*C11*
Hypopharynx	15	0.9	2.8	**2.9**	0.17	0.22	3	0.3	0.6	**0.6**	0.06	0.06	*C12-13*
Pharynx unspecified	6	0.4	1.1	**1.4**	0.03	0.16	1	0.1	0.2	**0.2**	0.02	0.02	*C14*
Oesophagus	40	2.5	7.5	**8.6**	0.40	1.05	10	0.9	2.0	**2.8**	0.06	0.24	*C15*
Stomach	17	1.1	3.2	**3.5**	0.18	0.56	12	1.1	2.4	**3.1**	0.19	0.54	*C16*
Small intestine	5	0.3	0.9	**1.0**	0.06	0.15	7	0.6	1.4	**2.1**	0.01	0.17	*C17*
Colon	109	6.8	20.4	**24.8**	1.04	3.34	69	6.3	13.9	**17.1**	0.84	1.78	*C18*
Rectum	81	5.0	15.2	**16.9**	0.81	1.84	38	3.5	7.7	**8.8**	0.64	1.10	*C19-20*
Anus	7	0.4	1.3	**1.1**	0.11	0.11	10	0.9	2.0	**2.2**	0.15	0.31	*C21*
Liver	24	1.5	4.5	**4.7**	0.29	0.47	10	0.9	2.0	**1.9**	0.15	0.24	*C22*
Gallbladder etc.	5	0.3	0.9	**1.2**	0.08	0.16	10	0.9	2.0	**2.5**	0.08	0.18	*C23-24*
Pancreas	30	1.9	5.6	**7.2**	0.23	0.99	13	1.2	2.6	**3.5**	0.18	0.40	*C25*
Nose, sinuses etc.	3	0.2	0.6	**0.6**	0.07	0.07	3	0.3	0.6	**0.8**	0.01	0.11	*C30-31*
Larynx	36	2.2	6.7	**6.6**	0.46	0.72	1	0.1	0.2	**0.4**	0.00	0.06	*C32*
Trachea, bronchus and lung	208	13.0	38.9	**46.2**	2.25	5.94	91	8.3	18.4	**22.9**	1.14	2.95	*C33-34*
Other thoracic organs	4	0.2	0.7	**0.7**	0.05	0.05	1	0.1	0.2	**0.1**	0.01	0.01	*C37-38*
Bone	4	0.2	0.7	**0.8**	0.04	0.12	0	0.0	0.0	**0.0**	0.00	0.00	*C40-41*
Melanoma of skin	149	9.3	27.9	**26.0**	1.96	2.76	101	9.2	20.4	**18.8**	1.36	1.89	*C43*
Other skin	33		6.2	**5.6**	0.38	0.63	13		2.6	**2.4**	0.20	0.20	*C44*
Mesothelioma	10	0.6	1.9	**2.0**	0.10	0.18	2	0.2	0.4	**0.3**	0.03	0.03	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	13	0.8	2.4	**2.1**	0.19	0.19	7	0.6	1.4	**1.2**	0.08	0.08	*C47+C49*
Breast	3	0.2	0.6	**0.5**	0.04	0.04	303	27.7	61.2	**60.3**	4.68	6.56	*C50*
Vulva							15	1.4	3.0	**3.0**	0.21	0.27	*C51*
Vagina							3	0.3	0.6	**0.6**	0.04	0.04	*C52*
Cervix uteri							45	4.1	9.1	**8.3**	0.51	0.82	*C53*
Corpus uteri							52	4.8	10.5	**11.1**	0.79	1.20	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							28	2.6	5.7	**5.4**	0.45	0.51	*C56*
Other female genital organs							1	0.1	0.2	**0.2**	0.02	0.02	*C57*
Placenta							1	0.1	0.2	**0.2**	0.01	0.01	*C58*
Penis	1	0.1	0.2	**0.1**	0.01	0.01							*C60*
Prostate	317	19.8	59.3	**74.7**	3.31	9.42							*C61*
Testis	31	1.9	5.8	**5.0**	0.35	0.44							*C62*
Other male genital organs	3	0.2	0.6	**0.5**	0.02	0.07							*C63*
Kidney	38	2.4	7.1	**7.8**	0.53	1.05	15	1.4	3.0	**3.5**	0.22	0.34	*C64*
Renal pelvis	4	0.2	0.7	**1.1**	0.03	0.11	2	0.2	0.4	**0.7**	0.00	0.12	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.3**	0.00	0.00	*C66*
Bladder	67	4.2	12.5	**16.0**	0.60	1.66	16	1.5	3.2	**4.2**	0.15	0.55	*C67*
Other urinary organs	1	0.1	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	5	0.3	0.9	**1.4**	0.05	0.10	4	0.4	0.8	**0.8**	0.06	0.06	*C69*
Brain, nervous system	29	1.8	5.4	**5.6**	0.33	0.59	15	1.4	3.0	**3.2**	0.22	0.32	*C70-72*
Thyroid	13	0.8	2.4	**2.2**	0.14	0.27	36	3.3	7.3	**6.9**	0.51	0.82	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.3**	0.01	0.01	*C74*
Other endocrine	2	0.1	0.4	**0.4**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	10	0.6	1.9	**2.1**	0.10	0.19	7	0.6	1.4	**1.4**	0.08	0.08	*C81*
Non-Hodgkin lymphoma	62	3.9	11.6	**12.4**	0.65	1.50	33	3.0	6.7	**7.1**	0.45	0.60	*C82-85,C96*
Immunoproliferative diseases	1	0.1	0.2	**0.3**	0.00	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	18	1.1	3.4	**4.3**	0.13	0.55	9	0.8	1.8	**2.6**	0.04	0.26	*C90*
Lymphoid leukaemia	23	1.4	4.3	**5.2**	0.28	0.36	16	1.5	3.2	**4.6**	0.16	0.66	*C91*
Myeloid leukaemia	21	1.3	3.9	**4.1**	0.27	0.31	19	1.7	3.8	**4.5**	0.18	0.49	*C92-94*
Leukaemia unspecified	1	0.1	0.2	**0.3**	0.00	0.00	2	0.2	0.4	**0.4**	0.02	0.02	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	69	4.3	12.9	**16.2**	0.64	1.70	45	4.1	9.1	**10.5**	0.42	1.24	*O&U*
All sites	1638		306.5	**345.6**	17.82	40.73	1107		223.5	**239.0**	14.97	26.10	*C00-96*
All sites except C44	1605	100.0	300.3	**340.0**	17.45	40.10	1094	100.0	220.8	**236.6**	14.76	25.90	*C00-96 exc. C44*

Australia, Northern Territory: Indigenous (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	1	0.4	0.7	**1.0**	0.10	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	6	2.4	3.9	**4.6**	0.38	0.38	6	2.4	3.8	**5.2**	0.40	0.40	*C01-02*
Mouth	8	3.2	5.3	**6.7**	0.37	0.37	3	1.2	1.9	**3.6**	0.28	0.51	*C03-06*
Salivary glands	2	0.8	1.3	**3.2**	0.08	0.65	1	0.4	0.6	**0.6**	0.03	0.03	*C07-08*
Tonsil	7	2.8	4.6	**5.8**	0.51	0.51	1	0.4	0.6	**0.8**	0.08	0.08	*C09*
Other oropharynx	4	1.6	2.6	**4.3**	0.48	0.48	2	0.8	1.3	**1.4**	0.12	0.12	*C10*
Nasopharynx	1	0.4	0.7	**0.5**	0.04	0.04	1	0.4	0.6	**0.5**	0.04	0.04	*C11*
Hypopharynx	9	3.6	5.9	**12.1**	0.64	0.64	3	1.2	1.9	**2.6**	0.28	0.28	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	1	0.4	0.6	**0.8**	0.08	0.08	*C14*
Oesophagus	9	3.6	5.9	**8.9**	0.88	0.88	1	0.4	0.6	**1.4**	0.00	0.00	*C15*
Stomach	3	1.2	2.0	**5.2**	0.10	0.45	6	2.4	3.8	**5.7**	0.50	0.81	*C16*
Small intestine	2	0.8	1.3	**3.3**	0.15	0.50	1	0.4	0.6	**1.4**	0.00	0.24	*C17*
Colon	10	4.0	6.6	**13.3**	0.67	1.95	9	3.5	5.7	**8.5**	0.64	0.88	*C18*
Rectum	14	5.7	9.2	**17.7**	0.97	2.02	2	0.8	1.3	**1.4**	0.12	0.12	*C19-20*
Anus	3	1.2	2.0	**3.6**	0.43	0.43	5	2.0	3.2	**4.5**	0.48	0.48	*C21*
Liver	9	3.6	5.9	**13.7**	0.61	1.31	6	2.4	3.8	**4.8**	0.48	0.48	*C22*
Gallbladder etc.	3	1.2	2.0	**5.8**	0.43	1.01	6	2.4	3.8	**6.4**	0.41	0.71	*C23-24*
Pancreas	6	2.4	3.9	**7.4**	0.88	0.88	4	1.6	2.5	**5.4**	0.12	0.36	*C25*
Nose, sinuses etc.	2	0.8	1.3	**2.9**	0.37	0.37	3	1.2	1.9	**3.3**	0.05	0.36	*C30-31*
Larynx	9	3.6	5.9	**10.2**	0.88	1.22	1	0.4	0.6	**1.4**	0.00	0.24	*C32*
Trachea, bronchus and lung	50	20.2	32.9	**69.9**	5.52	9.00	28	11.0	17.7	**31.9**	2.38	4.49	*C33-34*
Other thoracic organs	2	0.8	1.3	**1.9**	0.18	0.18	0	0.0	0.0	**0.0**	0.00	0.00	*C37-38*
Bone	1	0.4	0.7	**2.3**	0.00	0.58	0	0.0	0.0	**0.0**	0.00	0.00	*C40-41*
Melanoma of skin	2	0.8	1.3	**2.7**	0.05	0.40	3	1.2	1.9	**1.9**	0.16	0.16	*C43*
Other skin	6		3.9	**6.1**	0.63	0.63	7		4.4	**5.7**	0.55	0.55	*C44*
Mesothelioma	1	0.4	0.7	**1.2**	0.15	0.15	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	4	1.6	2.6	**3.0**	0.28	0.28	0	0.0	0.0	**0.0**	0.00	0.00	*C47+C49*
Breast	1	0.4	0.7	**0.9**	0.08	0.08	43	16.9	27.1	**39.6**	2.90	5.39	*C50*
Vulva							7	2.8	4.4	**4.6**	0.41	0.41	*C51*
Vagina							1	0.4	0.6	**1.0**	0.12	0.12	*C52*
Cervix uteri							18	7.1	11.3	**15.7**	0.81	1.59	*C53*
Corpus uteri							20	7.9	12.6	**17.6**	1.54	2.08	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							6	2.4	3.8	**5.2**	0.22	0.22	*C56*
Other female genital organs							0	0.0	0.0	**0.0**	0.00	0.00	*C57*
Placenta							1	0.4	0.6	**0.8**	0.06	0.06	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	21	8.5	13.8	**36.2**	1.79	4.92							*C61*
Testis	2	0.8	1.3	**1.2**	0.07	0.07							*C62*
Other male genital organs	2	0.8	1.3	**1.1**	0.09	0.09							*C63*
Kidney	3	1.2	2.0	**5.6**	0.43	0.78	4	1.6	2.5	**3.5**	0.37	0.37	*C64*
Renal pelvis	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	7	2.8	4.6	**11.3**	0.85	0.85	1	0.4	0.6	**1.2**	0.00	0.31	*C67*
Other urinary organs	1	0.4	0.7	**0.9**	0.08	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	1	0.4	0.7	**2.1**	0.00	0.35	0	0.0	0.0	**0.0**	0.00	0.00	*C69*
Brain, nervous system	2	0.8	1.3	**1.5**	0.13	0.13	6	2.4	3.8	**5.0**	0.37	0.68	*C70-72*
Thyroid	4	1.6	2.6	**5.9**	0.16	0.86	12	4.7	7.6	**10.3**	0.74	1.29	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	3	1.2	2.0	**2.0**	0.13	0.13	1	0.4	0.6	**0.5**	0.03	0.03	*C81*
Non-Hodgkin lymphoma	8	3.2	5.3	**7.9**	0.25	0.82	10	3.9	6.3	**9.3**	0.54	1.08	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	2	0.8	1.3	**4.6**	0.00	1.15	0	0.0	0.0	**0.0**	0.00	0.00	*C90*
Lymphoid leukaemia	2	0.8	1.3	**2.3**	0.24	0.24	1	0.4	0.6	**0.5**	0.03	0.03	*C91*
Myeloid leukaemia	2	0.8	1.3	**1.8**	0.18	0.18	9	3.5	5.7	**7.5**	0.33	1.18	*C92-94*
Leukaemia unspecified	1	0.4	0.7	**2.1**	0.00	0.00	1	0.4	0.6	**0.5**	0.04	0.04	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	17	6.9	11.2	**27.3**	1.13	2.98	20	7.9	12.6	**20.0**	0.81	2.83	*O&U*
All sites	253		166.5	**332.1**	21.39	39.12	261		164.5	**242.0**	16.53	29.14	*C00-96*
All sites except C44	247	100.0	162.5	**326.0**	20.76	38.49	254	100.0	160.1	**236.4**	15.98	28.58	*C00-96 exc. C44*

Australia, Northern Territory: Non-Indigenous (2003-2007)

	Male						Female						
SITE	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	No. cases	Freq. (%)	Crude rate (per 100,000)	ASR world	Cum. rates 0-64 (%)	0-74	ICD-10
Lip	22	1.7	5.8	**5.1**	0.25	0.59	1	0.1	0.3	**0.2**	0.02	0.02	*C00*
Tongue	17	1.3	4.4	**3.6**	0.26	0.41	6	0.7	1.8	**1.5**	0.09	0.17	*C01-02*
Mouth	22	1.7	5.8	**4.7**	0.31	0.65	8	1.0	2.4	**2.5**	0.16	0.24	*C03-06*
Salivary glands	0	0.0	0.0	**0.0**	0.00	0.00	4	0.5	1.2	**0.8**	0.07	0.07	*C07-08*
Tonsil	19	1.4	5.0	**4.2**	0.26	0.60	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	3	0.2	0.8	**0.6**	0.07	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	6	0.5	1.6	**1.4**	0.08	0.18	3	0.4	0.9	**0.6**	0.06	0.06	*C11*
Hypopharynx	6	0.5	1.6	**1.4**	0.10	0.15	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	6	0.5	1.6	**1.6**	0.03	0.18	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	31	2.3	8.1	**8.4**	0.31	1.06	9	1.1	2.7	**3.2**	0.08	0.32	*C15*
Stomach	14	1.1	3.7	**3.3**	0.18	0.57	6	0.7	1.8	**2.5**	0.11	0.48	*C16*
Small intestine	3	0.2	0.8	**0.7**	0.05	0.10	6	0.7	1.8	**2.3**	0.02	0.16	*C17*
Colon	98	7.4	25.6	**26.5**	1.06	3.52	60	7.2	17.8	**19.9**	0.90	2.14	*C18*
Rectum	67	5.0	17.5	**16.7**	0.77	1.81	36	4.3	10.7	**11.0**	0.77	1.43	*C19-20*
Anus	4	0.3	1.0	**0.7**	0.07	0.07	5	0.6	1.5	**1.7**	0.06	0.28	*C21*
Liver	15	1.1	3.9	**3.5**	0.25	0.35	4	0.5	1.2	**1.2**	0.05	0.20	*C22*
Gallbladder etc.	2	0.2	0.5	**0.5**	0.03	0.03	4	0.5	1.2	**1.3**	0.00	0.00	*C23-24*
Pancreas	24	1.8	6.3	**7.2**	0.13	1.02	9	1.1	2.7	**3.1**	0.20	0.42	*C25*
Nose, sinuses etc.	1	0.1	0.3	**0.2**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C30-31*
Larynx	27	2.0	7.1	**6.0**	0.40	0.64	0	0.0	0.0	**0.0**	0.00	0.00	*C32*
Trachea, bronchus and lung	158	11.9	41.3	**42.6**	1.75	5.48	63	7.6	18.7	**20.3**	0.82	2.50	*C33-34*
Other thoracic organs	2	0.2	0.5	**0.7**	0.04	0.04	1	0.1	0.3	**0.2**	0.02	0.02	*C37-38*
Bone	2	0.2	0.5	**0.3**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C40-41*
Melanoma of skin	136	10.2	35.6	**28.6**	2.17	2.95	92	11.1	27.3	**23.1**	1.62	2.36	*C43*
Other skin	26		6.8	**5.4**	0.34	0.63	6		1.8	**1.4**	0.10	0.10	*C44*
Mesothelioma	9	0.7	2.4	**2.2**	0.09	0.19	2	0.2	0.6	**0.4**	0.04	0.04	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	9	0.7	2.4	**1.9**	0.17	0.17	7	0.8	2.1	**1.6**	0.10	0.10	*C47+C49*
Breast	2	0.2	0.5	**0.4**	0.04	0.04	257	31.0	76.3	**65.2**	5.13	6.73	*C50*
Vulva							8	1.0	2.4	**2.5**	0.15	0.23	*C51*
Vagina							2	0.2	0.6	**0.6**	0.02	0.02	*C52*
Cervix uteri							27	3.3	8.0	**6.2**	0.43	0.57	*C53*
Corpus uteri							30	3.6	8.9	**8.5**	0.50	0.86	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							22	2.7	6.5	**5.5**	0.50	0.58	*C56*
Other female genital organs							1	0.1	0.3	**0.2**	0.02	0.02	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	1	0.1	0.3	**0.2**	0.01	0.01							*C60*
Prostate	284	21.4	74.3	**78.5**	3.39	9.82							*C61*
Testis	28	2.1	7.3	**6.0**	0.43	0.52							*C62*
Other male genital organs	1	0.1	0.3	**0.3**	0.00	0.05							*C63*
Kidney	35	2.6	9.2	**8.4**	0.56	1.11	11	1.3	3.3	**3.6**	0.19	0.35	*C64*
Renal pelvis	4	0.3	1.0	**1.3**	0.03	0.13	2	0.2	0.6	**1.0**	0.00	0.16	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.3	**0.4**	0.00	0.00	*C66*
Bladder	59	4.4	15.4	**16.4**	0.57	1.80	15	1.8	4.5	**5.0**	0.18	0.62	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	4	0.3	1.0	**1.6**	0.07	0.07	4	0.5	1.2	**1.0**	0.08	0.08	*C69*
Brain, nervous system	27	2.0	7.1	**6.6**	0.39	0.69	9	1.1	2.7	**2.6**	0.19	0.19	*C70-72*
Thyroid	9	0.7	2.4	**1.7**	0.13	0.18	23	2.8	6.8	**5.6**	0.42	0.64	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.3	**0.5**	0.02	0.02	*C74*
Other endocrine	2	0.2	0.5	**0.8**	0.04	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	7	0.5	1.8	**1.8**	0.08	0.19	6	0.7	1.8	**1.7**	0.10	0.10	*C81*
Non-Hodgkin lymphoma	54	4.1	14.1	**12.7**	0.69	1.58	23	2.8	6.8	**6.3**	0.43	0.43	*C82-85,C96*
Immunoproliferative diseases	1	0.1	0.3	**0.3**	0.00	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	16	1.2	4.2	**4.3**	0.16	0.45	9	1.1	2.7	**3.4**	0.05	0.35	*C90*
Lymphoid leukaemia	21	1.6	5.5	**6.0**	0.31	0.41	15	1.8	4.5	**6.1**	0.20	0.92	*C91*
Myeloid leukaemia	19	1.4	5.0	**4.8**	0.29	0.35	10	1.2	3.0	**3.0**	0.13	0.21	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.3	**0.5**	0.02	0.02	*C95*
Myeloproliferative disorders	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MPD*
Myelodysplastic syndromes	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*MDS*
Other and unspecified	51	3.8	13.3	**14.0**	0.53	1.47	25	3.0	7.4	**7.0**	0.31	0.61	*O&U*
All sites	1354		354.0	**344.2**	16.93	40.44	834		247.7	**235.3**	14.37	24.84	*C00-96*
All sites except C44	1328	100.0	347.2	**338.8**	16.60	39.81	828	100.0	245.9	**233.8**	14.26	24.73	*C00-96 exc. C44*

Australia, Queensland

REGISTRATION AREA

The Queensland Cancer Registry (QCR) was established on 1 January 1982 and collects data relevant to the state of Queensland, which occupies the north-eastern portion of the Australian continent. Queensland is the second largest of the six Australian states and has a subtropical to tropical climate. The state has the second fastest growing population in the country. At the 2006 census, the Queensland population was 3.9 million, representing 19% of the overall Australian population. Torres Strait Islanders and other Aboriginal Australians represent approximately 3.3% of the state's overall population.

CANCER CARE FACILITIES

Specialist cancer treatment is provided primarily by the major Brisbane hospitals, both public and private, and large regional hospitals also provide specialized treatment. In addition, some oncology specialists visit patients at regional centres. Radium treatment is available at 12 private and public facilities throughout the state.

REGISTRY STRUCTURE AND METHODS

The registry is located at the Cancer Council Queensland and is funded by the Queensland Department of Health. It has a core staff of 14 permanent employees, supported by additional temporary employees. The registry operates under an Act of Parliament that requires mandatory notification of all cancer cases in Queensland by all hospitals (public, private, and psychiatric), nursing homes, and pathology laboratories. Death certificates are accessed when the cause of death is cancer, and also for patients dying of other causes. All releases of registry data strictly adhere to the governing legislation regarding privacy and confidentiality.

INTERPRETING THE RESULTS

Initiatives undertaken recently include the expansion of facilities providing notifications electronically and the introduction of a scanned record system, both of which have helped increase the quality of data provided. Screening programmes exist for breast cancer (among women aged 50–69 years, with estimated 58% coverage), cervical cancer (among women aged 20–69 years, with 58% coverage), and – since 2006 – colorectal cancer (among individuals aged 50–65 years).

USE OF THE DATA

The registry's purpose is to collect data that describe the nature and extent of cancer in Queensland. The QCR does not perform research itself, but it does provide data to researchers undertaking approved epidemiological studies. Policy-makers also use registry data for planning and evaluating health services. QCR data are released annually in the publication *Cancer in Queensland – Incidence, Mortality, Survival and Prevalence*, and are submitted to national bodies for Australia-wide statistical publication and analysis.

CONTRIBUTORS

Joanne Aitken
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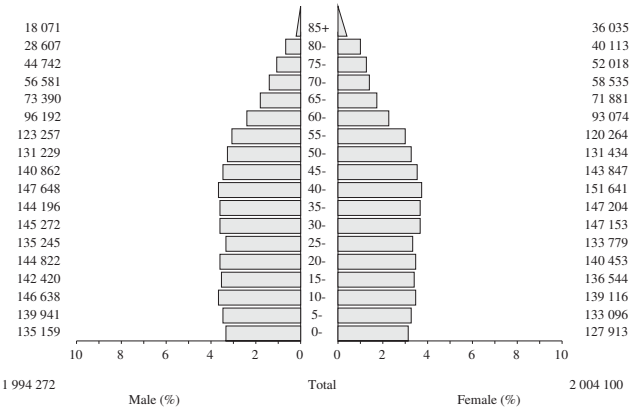
Australia, Queensland (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data published by the Australian Bureau of Statistics in *2006 Census Tables: 20680 – Age by Sex – Queensland* and in *3101.0 - Australian Demographic Statistics, Table 53: Estimated Resident Population by Single Year of Age – Queensland*.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	106.5	Breast	84.3
Melanoma of skin	52.9	Melanoma of skin	38.6
Trachea, bronchus and lung	38.2	Colon	23.6
Colon	29.4	Trachea, bronchus and lung	19.8
Rectum	18.5	Corpus uteri	11.5
Bladder	14.1	Thyroid	11.0
Non-Hodgkin lymphoma	13.9	Rectum	10.1
Kidney	10.6	Non-Hodgkin lymphoma	10.0
Other and unspecified	9.3	Ovary	7.4
Stomach	7.2	Other and unspecified	7.3
All sites	397.4	All sites	291.3

Australia, Queensland (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	784	1.4	7.9	**5.8**	0.39	0.63	246	0.6	2.5	**1.5**	0.08	0.18	*C00*
Tongue	386	0.7	3.9	**2.9**	0.22	0.35	184	0.4	1.8	**1.2**	0.09	0.14	*C01-02*
Mouth	344	0.6	3.4	**2.5**	0.16	0.31	203	0.5	2.0	**1.3**	0.08	0.15	*C03-06*
Salivary glands	199	0.3	2.0	**1.3**	0.06	0.13	116	0.3	1.2	**0.8**	0.05	0.08	*C07-08*
Tonsil	275	0.5	2.8	**2.1**	0.17	0.24	60	0.1	0.6	**0.4**	0.04	0.05	*C09*
Other oropharynx	58	0.1	0.6	**0.4**	0.03	0.05	17	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	58	0.1	0.6	**0.4**	0.03	0.05	24	0.1	0.2	**0.2**	0.02	0.02	*C11*
Hypopharynx	145	0.3	1.5	**1.0**	0.06	0.13	27	0.1	0.3	**0.2**	0.02	0.03	*C12-13*
Pharynx unspecified	100	0.2	1.0	**0.7**	0.04	0.09	15	0.0	0.1	**0.1**	0.01	0.01	*C14*
Oesophagus	774	1.3	7.8	**5.1**	0.27	0.58	349	0.8	3.5	**1.8**	0.07	0.21	*C15*
Stomach	1125	1.9	11.3	**7.2**	0.30	0.80	536	1.2	5.3	**3.0**	0.13	0.34	*C16*
Small intestine	201	0.3	2.0	**1.4**	0.08	0.17	171	0.4	1.7	**1.1**	0.06	0.14	*C17*
Colon	4509	7.8	45.2	**29.4**	1.22	3.61	4134	9.4	41.3	**23.6**	1.03	2.82	*C18*
Rectum	2674	4.6	26.8	**18.5**	1.03	2.35	1625	3.7	16.2	**10.1**	0.57	1.21	*C19-20*
Anus	137	0.2	1.4	**0.9**	0.05	0.10	193	0.4	1.9	**1.3**	0.08	0.15	*C21*
Liver	638	1.1	6.4	**4.4**	0.26	0.52	254	0.6	2.5	**1.5**	0.08	0.17	*C22*
Gallbladder etc.	245	0.4	2.5	**1.6**	0.08	0.17	304	0.7	3.0	**1.6**	0.08	0.18	*C23-24*
Pancreas	1088	1.9	10.9	**7.1**	0.33	0.85	930	2.1	9.3	**4.9**	0.20	0.53	*C25*
Nose, sinuses etc.	76	0.1	0.8	**0.6**	0.04	0.06	42	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	545	0.9	5.5	**3.8**	0.22	0.47	61	0.1	0.6	**0.4**	0.02	0.05	*C32*
Trachea, bronchus and lung	5900	10.2	59.2	**38.2**	1.64	4.76	3218	7.3	32.1	**19.8**	1.03	2.47	*C33-34*
Other thoracic organs	42	0.1	0.4	**0.4**	0.02	0.03	30	0.1	0.3	**0.3**	0.02	0.02	*C37-38*
Bone	128	0.2	1.3	**1.2**	0.08	0.09	95	0.2	0.9	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	7402	12.8	74.2	**52.9**	3.29	5.84	5328	12.2	53.2	**38.6**	2.72	4.01	*C43*
Other skin	298		3.0	**1.9**	0.08	0.18	176		1.8	**1.1**	0.06	0.12	*C44*
Mesothelioma	492	0.9	4.9	**3.1**	0.12	0.39	92	0.2	0.9	**0.6**	0.03	0.07	*C45*
Kaposi sarcoma	24	0.0	0.2	**0.2**	0.02	0.02	4	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	360	0.6	3.6	**2.6**	0.14	0.25	265	0.6	2.6	**2.0**	0.12	0.19	*C47+C49*
Breast	109	0.2	1.1	**0.7**	0.04	0.08	11939	27.2	119.1	**84.3**	6.30	9.72	*C50*
Vulva							208	0.5	2.1	**1.2**	0.08	0.12	*C51*
Vagina							62	0.1	0.6	**0.4**	0.02	0.04	*C52*
Cervix uteri							810	1.8	8.1	**6.3**	0.47	0.59	*C53*
Corpus uteri							1695	3.9	16.9	**11.5**	0.80	1.46	*C54*
Uterus unspecified							82	0.2	0.8	**0.5**	0.03	0.05	*C55*
Ovary							1105	2.5	11.0	**7.4**	0.47	0.83	*C56*
Other female genital organs							72	0.2	0.7	**0.5**	0.03	0.06	*C57*
Placenta							17	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	68	0.1	0.7	**0.5**	0.02	0.05							*C60*
Prostate	15789	27.3	158.3	**106.5**	5.35	13.95							*C61*
Testis	624	1.1	6.3	**5.7**	0.43	0.44							*C62*
Other male genital organs	17	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	1525	2.6	15.3	**10.6**	0.64	1.23	764	1.7	7.6	**5.0**	0.29	0.57	*C64*
Renal pelvis	117	0.2	1.2	**0.7**	0.02	0.08	152	0.3	1.5	**0.8**	0.02	0.09	*C65*
Ureter	70	0.1	0.7	**0.4**	0.01	0.06	61	0.1	0.6	**0.3**	0.01	0.03	*C66*
Bladder	2254	3.9	22.6	**14.1**	0.55	1.60	701	1.6	7.0	**3.8**	0.15	0.43	*C67*
Other urinary organs	28	0.0	0.3	**0.2**	0.01	0.02	10	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	172	0.3	1.7	**1.4**	0.08	0.14	130	0.3	1.3	**0.9**	0.05	0.10	*C69*
Brain, nervous system	823	1.4	8.3	**6.6**	0.42	0.68	537	1.2	5.4	**4.0**	0.25	0.41	*C70-72*
Thyroid	455	0.8	4.6	**3.5**	0.25	0.38	1364	3.1	13.6	**11.0**	0.87	1.06	*C73*
Adrenal gland	27	0.0	0.3	**0.3**	0.01	0.02	35	0.1	0.3	**0.3**	0.02	0.03	*C74*
Other endocrine	10	0.0	0.1	**0.1**	0.01	0.01	12	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	216	0.4	2.2	**2.0**	0.13	0.17	195	0.4	1.9	**1.8**	0.12	0.15	*C81*
Non-Hodgkin lymphoma	1969	3.4	19.7	**13.9**	0.79	1.53	1596	3.6	15.9	**10.0**	0.58	1.13	*C82-85,C96*
Immunoproliferative diseases	44	0.1	0.4	**0.3**	0.01	0.03	25	0.1	0.2	**0.2**	0.00	0.02	*C88*
Multiple myeloma	617	1.1	6.2	**3.9**	0.18	0.43	464	1.1	4.6	**2.7**	0.14	0.32	*C90*
Lymphoid leukaemia	886	1.5	8.9	**7.0**	0.38	0.70	539	1.2	5.4	**4.2**	0.23	0.42	*C91*
Myeloid leukaemia	712	1.2	7.1	**5.0**	0.23	0.52	519	1.2	5.2	**3.4**	0.19	0.33	*C92-94*
Leukaemia unspecified	20	0.0	0.2	**0.2**	0.01	0.01	23	0.1	0.2	**0.1**	0.01	0.01	*C95*
Myeloproliferative disorders	456	0.8	4.6	**3.1**	0.18	0.35	334	0.8	3.3	**2.1**	0.13	0.23	*MPD*
Myelodysplastic syndromes	686	1.2	6.9	**3.9**	0.09	0.38	444	1.0	4.4	**2.1**	0.07	0.20	*MDS*
Other and unspecified	1465	2.5	14.7	**9.3**	0.39	1.00	1424	3.2	14.2	**7.3**	0.32	0.75	*O&U*
All sites	58166		583.3	**397.4**	20.70	47.10	44018		439.3	**291.3**	18.43	32.61	*C00-96*
All sites except C44	57868	100.0	580.3	**395.5**	20.62	46.93	43842	100.0	437.5	**290.2**	18.37	32.49	*C00-96 exc. C44*

South Australia

REGISTRATION AREA

The South Australian Cancer Registry (SACR) provides population-based statistics on cancer incidence, mortality, and case fatality (survival) for the residents of the state of South Australia (SA), which has a population of 1.6 million. Data from the registry, the second oldest in the country, are now available for the diagnostic period of 1977–2009. The registry's objectives are to document all new cases of invasive cancer diagnosed in SA and to track their progress.

CANCER CARE FACILITIES

Cancer diagnostic and treatment services in SA are covered for all citizens and permanent residents by Medicare Australia, the publicly funded national health insurance system. Supplemental private medical insurance is also available to those who wish to increase their care options. Care is provided by both public and private hospitals and clinics. General practitioners are privately employed; some charge patients an out-of-pocket fee, while others do not.

REGISTRY STRUCTURE AND METHODS

The SACR collects a minimum dataset for each cancer case, including elements such as place of residence, sex, date of birth, date of diagnosis, cancer site and morphology, means of diagnosis, whether there were multiple primary sites of cancer, race, and country of birth. When applicable, the registry also records date, place, and cause of death. The registry's primary sources of information include pathology laboratories, hospitals, radiotherapy departments, and the Registrar of Births, Deaths and Marriages. Notification by these sources is mandated by the SA cancer regulations.

INTERPRETING THE RESULTS

Although melanomas and in situ cancers of the bladder and female breast are included in data collection, they are excluded from the annual local report. A screening programme exists for breast cancer (among women aged 50–69 years).

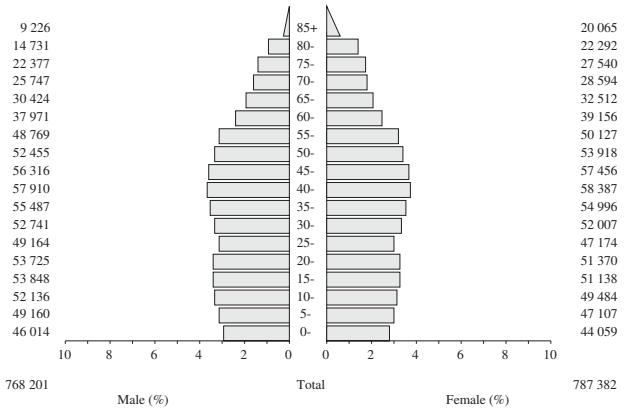
USE OF THE DATA

Registry data are used in cancer control planning and in planning prevention, screening, treatment, rehabilitation, hospice, and palliative care programmes, as well as to monitor and evaluate the impact of these programmes. SACR data enable the surveillance of trends in cancer incidence, mortality, and survival by cancer site and by age, sex, geographical area of residence, and diagnostic period. Continuous monitoring permits prompt response to public concerns about clusters of cancers and regional increases in incidence.

CONTRIBUTOR

Ron Somers

South Australia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the 2000 national census, making allowances for births and deaths. It was not possible to estimate migration into and out of the registration area.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	105.0	Breast	83.0
Trachea, bronchus and lung	34.5	Melanoma of skin	24.3
Melanoma of skin	31.2	Colon	22.3
Colon	29.2	Trachea, bronchus and lung	17.8
Bladder	21.8	Corpus uteri	12.5
Rectum	18.3	Non-Hodgkin lymphoma	11.9
Non-Hodgkin lymphoma	15.9	Rectum	10.1
Kidney	11.3	Other and unspecified	8.2
Other and unspecified	9.7	Ovary	6.7
Lymphoid leukaemia	8.2	Thyroid	6.6
All sites	379.9	All sites	270.1

South Australia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	373	1.5	9.7	**6.2**	0.41	0.68	125	0.7	3.2	**1.5**	0.10	0.13	*C00*
Tongue	126	0.5	3.3	**2.2**	0.16	0.25	60	0.3	1.5	**0.9**	0.05	0.10	*C01-02*
Mouth	109	0.4	2.8	**1.8**	0.14	0.21	62	0.3	1.6	**0.8**	0.05	0.08	*C03-06*
Salivary glands	80	0.3	2.1	**1.1**	0.06	0.11	38	0.2	1.0	**0.6**	0.04	0.05	*C07-08*
Tonsil	82	0.3	2.1	**1.5**	0.13	0.18	25	0.1	0.6	**0.4**	0.02	0.05	*C09*
Other oropharynx	19	0.1	0.5	**0.3**	0.03	0.04	5	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	24	0.1	0.6	**0.5**	0.04	0.05	13	0.1	0.3	**0.3**	0.02	0.02	*C11*
Hypopharynx	30	0.1	0.8	**0.5**	0.04	0.06	3	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	19	0.1	0.5	**0.3**	0.01	0.04	3	0.0	0.1	**0.0**	0.00	0.00	*C14*
Oesophagus	357	1.5	9.3	**5.2**	0.27	0.61	150	0.8	3.8	**1.6**	0.06	0.18	*C15*
Stomach	537	2.2	14.0	**7.7**	0.33	0.89	279	1.5	7.1	**3.3**	0.18	0.37	*C16*
Small intestine	77	0.3	2.0	**1.3**	0.07	0.15	79	0.4	2.0	**1.1**	0.07	0.13	*C17*
Colon	2021	8.2	52.6	**29.2**	1.24	3.49	1897	10.1	48.2	**22.3**	0.95	2.68	*C18*
Rectum	1158	4.7	30.1	**18.3**	0.98	2.27	765	4.1	19.4	**10.1**	0.57	1.23	*C19-20*
Anus	41	0.2	1.1	**0.7**	0.05	0.08	46	0.2	1.2	**0.7**	0.06	0.08	*C21*
Liver	299	1.2	7.8	**4.8**	0.26	0.55	121	0.6	3.1	**1.4**	0.08	0.14	*C22*
Gallbladder etc.	123	0.5	3.2	**1.6**	0.04	0.18	182	1.0	4.6	**1.9**	0.07	0.21	*C23-24*
Pancreas	508	2.1	13.2	**7.6**	0.38	0.89	472	2.5	12.0	**5.2**	0.22	0.57	*C25*
Nose, sinuses etc.	31	0.1	0.8	**0.5**	0.02	0.05	17	0.1	0.4	**0.3**	0.02	0.03	*C30-31*
Larynx	197	0.8	5.1	**3.0**	0.19	0.37	16	0.1	0.4	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	2442	9.9	63.6	**34.5**	1.39	4.16	1426	7.6	36.2	**17.8**	0.88	2.16	*C33-34*
Other thoracic organs	15	0.1	0.4	**0.3**	0.02	0.02	13	0.1	0.3	**0.2**	0.02	0.03	*C37-38*
Bone	41	0.2	1.1	**0.8**	0.06	0.08	33	0.2	0.8	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	1861	7.6	48.5	**31.2**	2.02	3.37	1453	7.8	36.9	**24.3**	1.73	2.57	*C43*
Other skin	222		5.8	**3.4**	0.19	0.35	191		4.9	**2.1**	0.12	0.20	*C44*
Mesothelioma	222	0.9	5.8	**3.0**	0.08	0.39	49	0.3	1.2	**0.6**	0.04	0.06	*C45*
Kaposi sarcoma	10	0.0	0.3	**0.2**	0.01	0.02	3	0.0	0.1	**0.0**	0.00	0.01	*C46*
Connective and soft tissue	157	0.6	4.1	**2.8**	0.15	0.28	120	0.6	3.0	**2.1**	0.14	0.21	*C47+C49*
Breast	34	0.1	0.9	**0.5**	0.03	0.07	5194	27.7	131.9	**83.0**	6.31	9.40	*C50*
Vulva							107	0.6	2.7	**1.2**	0.05	0.12	*C51*
Vagina							32	0.2	0.8	**0.4**	0.02	0.04	*C52*
Cervix uteri							234	1.2	5.9	**4.3**	0.33	0.41	*C53*
Corpus uteri							839	4.5	21.3	**12.5**	0.87	1.56	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							460	2.5	11.7	**6.7**	0.45	0.76	*C56*
Other female genital organs							26	0.1	0.7	**0.4**	0.01	0.05	*C57*
Placenta							2	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	30	0.1	0.8	**0.4**	0.02	0.03							*C60*
Prostate	7062	28.7	183.9	**105.0**	4.74	13.52							*C61*
Testis	246	1.0	6.4	**6.0**	0.45	0.47							*C62*
Other male genital organs	10	0.0	0.3	**0.1**	0.00	0.01							*C63*
Kidney	685	2.8	17.8	**11.3**	0.68	1.33	385	2.1	9.8	**5.5**	0.31	0.64	*C64*
Renal pelvis	53	0.2	1.4	**0.7**	0.03	0.09	55	0.3	1.4	**0.5**	0.01	0.06	*C65*
Ureter	21	0.1	0.5	**0.3**	0.00	0.03	27	0.1	0.7	**0.3**	0.01	0.03	*C66*
Bladder	1607	6.5	41.8	**21.8**	0.85	2.44	520	2.8	13.2	**5.7**	0.26	0.62	*C67*
Other urinary organs	7	0.0	0.2	**0.1**	0.00	0.01	8	0.0	0.2	**0.1**	0.00	0.02	*C68*
Eye	56	0.2	1.5	**1.0**	0.06	0.11	51	0.3	1.3	**0.9**	0.05	0.09	*C69*
Brain, nervous system	373	1.5	9.7	**6.9**	0.45	0.72	252	1.3	6.4	**4.6**	0.27	0.45	*C70-72*
Thyroid	119	0.5	3.1	**2.3**	0.15	0.23	323	1.7	8.2	**6.6**	0.51	0.62	*C73*
Adrenal gland	10	0.0	0.3	**0.3**	0.02	0.02	12	0.1	0.3	**0.4**	0.02	0.03	*C74*
Other endocrine	8	0.0	0.2	**0.2**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	109	0.4	2.8	**2.6**	0.16	0.21	89	0.5	2.3	**2.1**	0.14	0.16	*C81*
Non-Hodgkin lymphoma	974	4.0	25.4	**15.9**	0.90	1.69	861	4.6	21.9	**11.9**	0.70	1.35	*C82-85,C96*
Immunoproliferative diseases	31	0.1	0.8	**0.5**	0.02	0.05	14	0.1	0.4	**0.1**	0.00	0.02	*C88*
Multiple myeloma	271	1.1	7.1	**3.9**	0.19	0.47	223	1.2	5.7	**2.8**	0.14	0.34	*C90*
Lymphoid leukaemia	487	2.0	12.7	**8.2**	0.46	0.81	328	1.7	8.3	**5.4**	0.25	0.53	*C91*
Myeloid leukaemia	382	1.6	9.9	**6.1**	0.29	0.64	236	1.3	6.0	**3.3**	0.17	0.34	*C92-94*
Leukaemia unspecified	8	0.0	0.2	**0.1**	0.01	0.01	5	0.0	0.1	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	176	0.7	4.6	**2.8**	0.14	0.32	118	0.6	3.0	**1.5**	0.08	0.17	*MPD*
Myelodysplastic syndromes	204	0.8	5.3	**2.5**	0.07	0.24	115	0.6	2.9	**1.2**	0.03	0.13	*MDS*
Other and unspecified	690	2.8	18.0	**9.7**	0.41	1.07	777	4.1	19.7	**8.2**	0.37	0.88	*O&U*
All sites	24834		646.6	**379.9**	18.96	44.43	18939		481.1	**270.1**	16.89	30.20	*C00-96*
All sites except C44	24612	100.0	640.8	**376.5**	18.76	44.07	18748	100.0	476.2	**267.9**	16.77	30.00	*C00-96 exc. C44*

Australia, Tasmania

REGISTRATION AREA

The Tasmanian Cancer Registry (TCR) covers the population of Tasmania, Australia's smallest state. The state consists of a group of islands with a total area of 68 114 km^2, which have a temperate climate. Of the total Tasmanian population, 72% of residents live in urban areas, 11% were born outside of Australia, 3% are of Indigenous origin, and 15% are aged 65 years or more.

CANCER CARE FACILITIES

Each of Tasmania's three main population regions has a public hospital system and several private hospitals. There are two radiation oncology units in the state.

REGISTRY STRUCTURE AND METHODS

The TCR was established in 1977. In July 1988, the responsibility for its operation and funding was transferred from the Department of Health and Human Services (DHHS) to the Menzies Research Institute Tasmania of the University of Tasmania, in Hobart. Cancer was proclaimed a reportable disease in Tasmania in December 1992, giving cancer registration a legislative basis. The TCR staff currently consists of a director, a manager, two full-time medical coders, one part-time medical coder, and an administrative assistant. Reports of cancer are received from all pathology service providers in the state, the two radiation oncology clinics, and private and public hospitals. Death certificates are reviewed for mention of cancer. When information received is insufficient for complete registration, active follow-up is undertaken by contacting the treating doctors, pathology laboratories, and hospital medical records departments as necessary.

INTERPRETING THE RESULTS

In the 1990s, an increase in the incidence of prostate cancer coincided with the increased use of prostate-specific antigen (PSA) testing. The incidence peaked in 1995 before declining. Before 2000, cancer cases were not accepted by the registry on the basis of a death certificate alone. Screening programmes exist for breast cancer (among women aged 50–69 years, with estimated 70% coverage), cervical cancer (among women aged 18–69 years, with 63% coverage), and – since 2006 – colorectal cancer (among individuals aged 50–65 years).

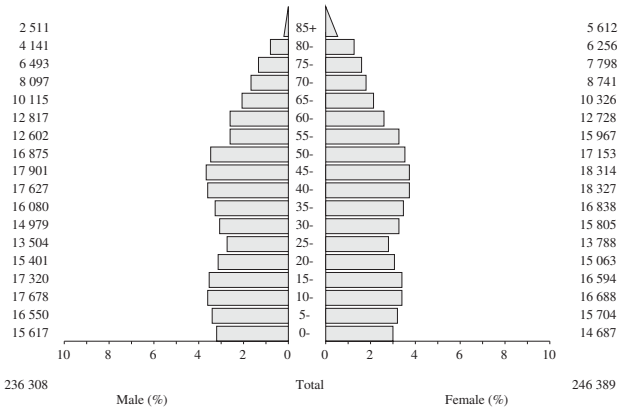
USE OF THE DATA

The registry publishes an annual morbidity and mortality report, and contributes to national reporting. The DHHS receives detailed data annually, and regular data exchange occurs between the registry and specified cancer screening programmes. Researcher requests for summary data and unit record data (both anonymized and identified) are granted subject to the appropriate ethical approval.

CONTRIBUTORS

Alison Venn
Marita Dalton

Australia, Tasmania (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the estimated resident population on 30 June of each year, as published by the Australian Bureau of Statistics.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	121.2	Breast	79.2
Trachea, bronchus and lung	39.6	Melanoma of skin	31.4
Melanoma of skin	36.3	Colon	23.3
Colon	26.5	Trachea, bronchus and lung	22.7
Bladder	22.7	Rectum	10.8
Rectum	20.6	Corpus uteri	9.5
Non-Hodgkin lymphoma	15.2	Non-Hodgkin lymphoma	9.4
Kidney	12.1	Other and unspecified	8.0
Lymphoid leukaemia	8.5	Kidney	6.7
Stomach	8.2	Ovary	6.3
All sites	406.7	All sites	275.6

Australia, Tasmania (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	129	1.6	10.9	**7.6**	0.53	0.83	50	0.9	4.1	**2.0**	0.12	0.20	*C00*
Tongue	45	0.6	3.8	**2.5**	0.18	0.30	15	0.3	1.2	**0.7**	0.05	0.08	*C01-02*
Mouth	34	0.4	2.9	**1.9**	0.15	0.22	22	0.4	1.8	**0.8**	0.03	0.09	*C03-06*
Salivary glands	15	0.2	1.3	**0.8**	0.03	0.08	13	0.2	1.1	**0.8**	0.04	0.07	*C07-08*
Tonsil	25	0.3	2.1	**1.5**	0.13	0.16	7	0.1	0.6	**0.3**	0.02	0.04	*C09*
Other oropharynx	8	0.1	0.7	**0.4**	0.03	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	6	0.1	0.5	**0.5**	0.04	0.04	3	0.1	0.2	**0.2**	0.01	0.02	*C11*
Hypopharynx	9	0.1	0.8	**0.5**	0.06	0.06	3	0.1	0.2	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	10	0.1	0.8	**0.5**	0.01	0.07	1	0.0	0.1	**0.0**	0.00	0.01	*C14*
Oesophagus	121	1.5	10.2	**6.0**	0.31	0.72	52	0.9	4.2	**1.7**	0.07	0.15	*C15*
Stomach	177	2.2	15.0	**8.2**	0.36	0.95	96	1.6	7.8	**3.9**	0.18	0.44	*C16*
Small intestine	18	0.2	1.5	**1.0**	0.08	0.10	23	0.4	1.9	**1.0**	0.05	0.13	*C17*
Colon	551	7.0	46.6	**26.5**	1.20	3.03	601	10.3	48.8	**23.3**	1.11	2.63	*C18*
Rectum	417	5.3	35.3	**20.6**	1.04	2.41	253	4.3	20.5	**10.8**	0.55	1.32	*C19-20*
Anus	19	0.2	1.6	**1.0**	0.04	0.15	27	0.5	2.2	**1.2**	0.08	0.15	*C21*
Liver	69	0.9	5.8	**3.5**	0.14	0.47	35	0.6	2.8	**1.2**	0.01	0.16	*C22*
Gallbladder etc.	33	0.4	2.8	**1.5**	0.02	0.21	55	0.9	4.5	**1.8**	0.04	0.17	*C23-24*
Pancreas	142	1.8	12.0	**6.9**	0.30	0.83	141	2.4	11.4	**5.3**	0.26	0.58	*C25*
Nose, sinuses etc.	29	0.4	2.5	**1.5**	0.08	0.19	8	0.1	0.6	**0.4**	0.02	0.05	*C30-31*
Larynx	68	0.9	5.8	**3.6**	0.26	0.45	7	0.1	0.6	**0.3**	0.01	0.04	*C32*
Trachea, bronchus and lung	838	10.6	70.9	**39.6**	1.51	5.01	527	9.0	42.8	**22.7**	1.19	2.81	*C33-34*
Other thoracic organs	2	0.0	0.2	**0.1**	0.01	0.01	7	0.1	0.6	**0.4**	0.03	0.04	*C37-38*
Bone	18	0.2	1.5	**1.2**	0.07	0.10	12	0.2	1.0	**0.8**	0.06	0.08	*C40-41*
Melanoma of skin	643	8.1	54.4	**36.3**	2.34	4.00	571	9.8	46.3	**31.4**	2.28	3.15	*C43*
Other skin	83		7.0	**3.7**	0.11	0.40	52		4.2	**1.9**	0.09	0.19	*C44*
Mesothelioma	55	0.7	4.7	**2.6**	0.10	0.31	9	0.2	0.7	**0.3**	0.01	0.04	*C45*
Kaposi sarcoma	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	40	0.5	3.4	**2.1**	0.12	0.18	34	0.6	2.8	**1.8**	0.10	0.20	*C47+C49*
Breast	17	0.2	1.4	**0.7**	0.03	0.08	1533	26.2	124.4	**79.2**	5.91	9.20	*C50*
Vulva							36	0.6	2.9	**1.4**	0.08	0.14	*C51*
Vagina							6	0.1	0.5	**0.2**	0.01	0.01	*C52*
Cervix uteri							98	1.7	8.0	**5.9**	0.47	0.56	*C53*
Corpus uteri							193	3.3	15.7	**9.5**	0.62	1.23	*C54*
Uterus unspecified							27	0.5	2.2	**1.4**	0.08	0.16	*C55*
Ovary							141	2.4	11.4	**6.3**	0.40	0.76	*C56*
Other female genital organs							13	0.2	1.1	**0.7**	0.06	0.08	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	7	0.1	0.6	**0.3**	0.02	0.02							*C60*
Prostate	2460	31.0	208.2	**121.2**	5.45	16.06							*C61*
Testis	77	1.0	6.5	**6.3**	0.47	0.47							*C62*
Other male genital organs	10	0.1	0.8	**0.6**	0.05	0.06							*C63*
Kidney	217	2.7	18.4	**12.1**	0.75	1.36	130	2.2	10.6	**6.7**	0.41	0.72	*C64*
Renal pelvis	12	0.2	1.0	**0.6**	0.02	0.06	12	0.2	1.0	**0.3**	0.01	0.03	*C65*
Ureter	5	0.1	0.4	**0.2**	0.01	0.03	5	0.1	0.4	**0.2**	0.00	0.02	*C66*
†Bladder	491	6.2	41.6	**22.7**	0.85	2.70	152	2.6	12.3	**5.6**	0.22	0.64	*C67*
Other urinary organs	2	0.0	0.2	**0.1**	0.00	0.01	2	0.0	0.2	**0.1**	0.01	0.02	*C68*
Eye	19	0.2	1.6	**1.1**	0.07	0.12	5	0.1	0.4	**0.3**	0.03	0.03	*C69*
Brain, nervous system	113	1.4	9.6	**6.9**	0.42	0.71	82	1.4	6.7	**4.9**	0.36	0.50	*C70-72*
Thyroid	40	0.5	3.4	**2.3**	0.16	0.26	103	1.8	8.4	**6.3**	0.49	0.63	*C73*
Adrenal gland	3	0.0	0.3	**0.1**	0.01	0.02	3	0.1	0.2	**0.1**	0.01	0.01	*C74*
Other endocrine	7	0.1	0.6	**0.6**	0.04	0.05	2	0.0	0.2	**0.1**	0.00	0.01	*C75*
Hodgkin lymphoma	33	0.4	2.8	**2.5**	0.16	0.19	30	0.5	2.4	**2.3**	0.16	0.20	*C81*
Non-Hodgkin lymphoma	282	3.6	23.9	**15.2**	0.89	1.77	212	3.6	17.2	**9.4**	0.57	1.07	*C82-85,C96*
Immunoproliferative diseases	13	0.2	1.1	**0.6**	0.03	0.09	7	0.1	0.6	**0.3**	0.01	0.03	*C88*
Multiple myeloma	110	1.4	9.3	**5.6**	0.31	0.67	78	1.3	6.3	**3.1**	0.15	0.41	*C90*
Lymphoid leukaemia	141	1.8	11.9	**8.5**	0.44	0.91	74	1.3	6.0	**3.6**	0.17	0.35	*C91*
Myeloid leukaemia	75	0.9	6.3	**4.1**	0.20	0.40	51	0.9	4.1	**2.3**	0.14	0.20	*C92-94*
Leukaemia unspecified	3	0.0	0.3	**0.1**	0.00	0.02	6	0.1	0.5	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	20	0.3	1.7	**1.2**	0.09	0.14	19	0.3	1.5	**0.9**	0.07	0.08	*MPD*
Myelodysplastic syndromes	67	0.8	5.7	**2.8**	0.06	0.25	41	0.7	3.3	**1.1**	0.02	0.09	*MDS*
Other and unspecified	177	2.2	15.0	**8.1**	0.32	0.84	221	3.8	17.9	**8.0**	0.36	0.78	*O&U*
All sites	8006		677.6	**406.7**	20.11	48.66	5906		479.4	**275.6**	17.25	30.85	*C00-96*
All sites except C44	7923	100.0	670.6	**403.0**	20.00	48.26	5854	100.0	475.2	**273.7**	17.17	30.66	*C00-96 exc. C44*

† See note following population pyramid

Australia, Victoria

REGISTRATION AREA

The Victorian Cancer Registry (VCR) covers Victoria, the second most populous state in Australia. Three quarters of Victoria's residents live in the greater metropolitan area of Melbourne. At the 2006 census, 26% of residents were described as being born overseas; 30% of migrants were from Asia, 21% from southern Europe, and 18% from the United Kingdom.

CANCER CARE FACILITIES

Victoria's medical care system is a mix of the private and public sectors, but the bulk of cancer management is carried out within the private sector. There are four public and one private radiation oncology facilities in the state, some with multiple campuses.

REGISTRY STRUCTURE AND METHODS

The VCR operates within the legal framework of the Cancer Act, Health Records Act, and Public Records Act, which, respectively, cover mandatory reporting, release of information, and retention of records. The registry is located within the Cancer Council Victoria and has a staff of about 25 employees, including medical coders, an operations manager, electronic notifications and training officers, a director, an information manager, and administrative support staff members. About 80% of notifications are received electronically from 250 public and private hospitals and 50 pathology laboratories statewide, and more than 100 000 cancer notifications are processed in the preparation of each year's data. The VCR follows IACR recommendations for case definition and coding. Data quality is assured by matching pathology reports with hospital registrations for cases in which diagnosis was based on histological confirmation.

INTERPRETING THE RESULTS

Due to its low latitude and highly susceptible population, Victoria has a high incidence of skin cancers. Other cancer risk factors that are predominant in the state include smoking (which is declining) and obesity (which is becoming more prevalent). Prostate cancer incidence has risen dramatically since the early 1990s due to ad hoc screening by prostate-specific antigen (PSA) testing. Screening programmes exist for breast cancer (among women aged 50–69 years) and cervical cancer (among women aged 18–69 years).

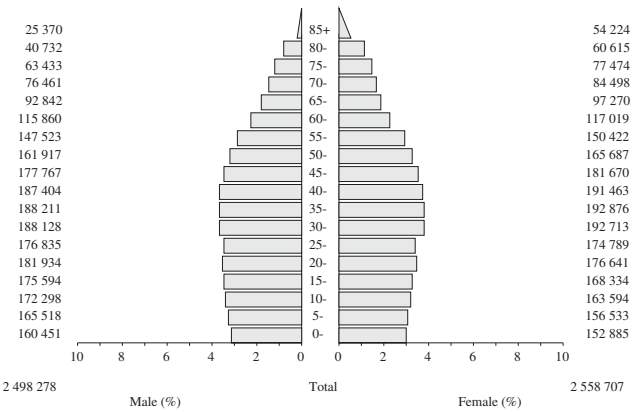
USE OF THE DATA

The registry produces regular statistical reports to monitor the cancer epidemic and compare trends, particularly for cancers targeted by prevention programmes (such as cancers of the skin, lung, breast, and cervix). Another important function of the registry is to facilitate epidemiological research, for example by helping researchers to perform follow-up of cancer events in cohort studies and to identify cases for case–control studies. Registry information is a key component of the Cancer Council's cancer control programmes.

CONTRIBUTORS

Helen Farrugia
Vicky Thursfield

Australia, Victoria (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on the estimated resident population on 30 June of each year, as published by the Australian Bureau of Statistics.

NOTES ON THE DATA

†C67 (bladder cancer) includes neoplasms of uncertain or unknown behaviour together with invasive cancers.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	104.9	Breast	81.1
Trachea, bronchus and lung	35.2	Melanoma of skin	24.6
Melanoma of skin	31.0	Colon	21.7
Colon	27.1	Trachea, bronchus and lung	18.6
Bladder	20.8	Corpus uteri	12.2
Rectum	19.4	Non-Hodgkin lymphoma	10.6
Non-Hodgkin lymphoma	15.7	Rectum	10.3
Kidney	10.4	Ovary	8.3
Other and unspecified	8.6	Other and unspecified	7.2
Stomach	8.1	Thyroid	7.1
All sites	371.3	All sites	269.7

Australia, Victoria (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	728	1.0	5.8	**3.9**	0.24	0.43	308	0.5	2.4	**1.3**	0.07	0.15	*C00*
Tongue	400	0.6	3.2	**2.3**	0.16	0.28	199	0.4	1.6	**1.0**	0.06	0.11	*C01-02*
Mouth	309	0.4	2.5	**1.6**	0.10	0.20	222	0.4	1.7	**1.0**	0.05	0.11	*C03-06*
Salivary glands	133	0.2	1.1	**0.7**	0.04	0.07	117	0.2	0.9	**0.6**	0.04	0.06	*C07-08*
Tonsil	258	0.4	2.1	**1.5**	0.12	0.18	60	0.1	0.5	**0.3**	0.03	0.04	*C09*
Other oropharynx	58	0.1	0.5	**0.3**	0.03	0.04	14	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	109	0.2	0.9	**0.7**	0.06	0.08	43	0.1	0.3	**0.3**	0.02	0.03	*C11*
Hypopharynx	136	0.2	1.1	**0.7**	0.04	0.10	21	0.0	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	61	0.1	0.5	**0.3**	0.02	0.05	21	0.0	0.2	**0.1**	0.00	0.01	*C14*
Oesophagus	1023	1.4	8.2	**5.0**	0.24	0.60	548	1.0	4.3	**1.8**	0.06	0.19	*C15*
Stomach	1658	2.3	13.3	**8.1**	0.36	0.97	982	1.7	7.7	**4.0**	0.19	0.44	*C16*
Small intestine	224	0.3	1.8	**1.2**	0.07	0.14	189	0.3	1.5	**0.9**	0.06	0.10	*C17*
Colon	5561	7.8	44.5	**27.1**	1.13	3.22	5435	9.7	42.5	**21.7**	0.96	2.52	*C18*
Rectum	3740	5.2	29.9	**19.4**	1.03	2.41	2312	4.1	18.1	**10.3**	0.58	1.23	*C19-20*
Anus	155	0.2	1.2	**0.9**	0.06	0.10	205	0.4	1.6	**1.0**	0.06	0.11	*C21*
Liver	1051	1.5	8.4	**5.6**	0.30	0.68	439	0.8	3.4	**1.8**	0.08	0.21	*C22*
Gallbladder etc.	361	0.5	2.9	**1.8**	0.08	0.21	509	0.9	4.0	**2.0**	0.09	0.24	*C23-24*
Pancreas	1501	2.1	12.0	**7.3**	0.33	0.84	1435	2.5	11.2	**5.4**	0.22	0.59	*C25*
Nose, sinuses etc.	139	0.2	1.1	**0.7**	0.04	0.09	61	0.1	0.5	**0.2**	0.01	0.03	*C30-31*
Larynx	649	0.9	5.2	**3.4**	0.19	0.42	70	0.1	0.5	**0.3**	0.02	0.03	*C32*
Trachea, bronchus and lung	7358	10.3	58.9	**35.2**	1.40	4.22	4435	7.9	34.7	**18.6**	0.91	2.27	*C33-34*
Other thoracic organs	101	0.1	0.8	**0.6**	0.02	0.05	38	0.1	0.3	**0.3**	0.01	0.02	*C37-38*
Bone	112	0.2	0.9	**0.8**	0.05	0.06	111	0.2	0.9	**0.8**	0.06	0.07	*C40-41*
Melanoma of skin	5674	7.9	45.4	**31.0**	1.96	3.42	4640	8.2	36.3	**24.6**	1.73	2.57	*C43*
Other skin	260		2.1	**1.3**	0.06	0.13	230		1.8	**1.0**	0.06	0.09	*C44*
Mesothelioma	518	0.7	4.1	**2.5**	0.11	0.31	112	0.2	0.9	**0.5**	0.03	0.06	*C45*
Kaposi sarcoma	73	0.1	0.6	**0.4**	0.02	0.04	15	0.0	0.1	**0.1**	0.00	0.01	*C46*
Connective and soft tissue	436	0.6	3.5	**2.5**	0.13	0.23	335	0.6	2.6	**1.9**	0.11	0.19	*C47+C49*
Breast	129	0.2	1.0	**0.7**	0.03	0.08	15303	27.2	119.6	**81.1**	6.06	9.23	*C50*
Vulva							333	0.6	2.6	**1.4**	0.08	0.15	*C51*
Vagina							62	0.1	0.5	**0.3**	0.02	0.03	*C52*
Cervix uteri							801	1.4	6.3	**4.6**	0.35	0.44	*C53*
Corpus uteri							2351	4.2	18.4	**12.2**	0.88	1.51	*C54*
Uterus unspecified							136	0.2	1.1	**0.6**	0.03	0.05	*C55*
Ovary							1689	3.0	13.2	**8.3**	0.52	0.94	*C56*
Other female genital organs							90	0.2	0.7	**0.4**	0.02	0.05	*C57*
Placenta							8	0.0	0.1	**0.1**	0.00	0.00	*C58*
Penis	87	0.1	0.7	**0.4**	0.02	0.04							*C60*
Prostate	20368	28.4	163.1	**104.9**	5.07	13.60							*C61*
Testis	836	1.2	6.7	**6.1**	0.46	0.47							*C62*
Other male genital organs	25	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	1909	2.7	15.3	**10.4**	0.63	1.23	1048	1.9	8.2	**5.1**	0.31	0.58	*C64*
Renal pelvis	134	0.2	1.1	**0.6**	0.03	0.06	108	0.2	0.8	**0.4**	0.01	0.05	*C65*
Ureter	65	0.1	0.5	**0.3**	0.01	0.03	52	0.1	0.4	**0.2**	0.01	0.02	*C66*
†Bladder	4343	6.1	34.8	**20.8**	0.84	2.37	1318	2.3	10.3	**5.3**	0.24	0.62	*C67*
Other urinary organs	17	0.0	0.1	**0.1**	0.00	0.01	14	0.0	0.1	**0.0**	0.00	0.00	*C68*
Eye	173	0.2	1.4	**1.0**	0.05	0.10	138	0.2	1.1	**0.7**	0.05	0.08	*C69*
Brain, nervous system	1062	1.5	8.5	**6.5**	0.41	0.68	850	1.5	6.6	**4.7**	0.30	0.48	*C70-72*
Thyroid	396	0.6	3.2	**2.5**	0.19	0.25	1156	2.1	9.0	**7.1**	0.56	0.67	*C73*
Adrenal gland	46	0.1	0.4	**0.4**	0.02	0.03	31	0.1	0.2	**0.3**	0.01	0.02	*C74*
Other endocrine	31	0.0	0.2	**0.2**	0.01	0.02	10	0.0	0.1	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	413	0.6	3.3	**3.0**	0.20	0.25	340	0.6	2.7	**2.5**	0.17	0.19	*C81*
Non-Hodgkin lymphoma	2892	4.0	23.2	**15.7**	0.92	1.75	2293	4.1	17.9	**10.6**	0.62	1.18	*C82-85,C96*
Immunoproliferative diseases	100	0.1	0.8	**0.5**	0.02	0.05	44	0.1	0.3	**0.2**	0.01	0.02	*C88*
Multiple myeloma	897	1.3	7.2	**4.3**	0.20	0.49	730	1.3	5.7	**3.0**	0.15	0.35	*C90*
Lymphoid leukaemia	908	1.3	7.3	**5.9**	0.32	0.53	566	1.0	4.4	**3.5**	0.18	0.29	*C91*
Myeloid leukaemia	1009	1.4	8.1	**5.3**	0.25	0.53	770	1.4	6.0	**3.9**	0.22	0.38	*C92-94*
Leukaemia unspecified	28	0.0	0.2	**0.1**	0.00	0.01	26	0.0	0.2	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	458	0.6	3.7	**2.4**	0.13	0.27	446	0.8	3.5	**2.1**	0.12	0.24	*MPD*
Myelodysplastic syndromes	844	1.2	6.8	**3.5**	0.08	0.32	580	1.0	4.5	**2.0**	0.07	0.20	*MDS*
Other and unspecified	1906	2.7	15.3	**8.6**	0.30	0.82	2141	3.8	16.7	**7.2**	0.25	0.68	*O&U*
All sites	71862		575.3	**371.3**	18.57	43.55	56540		441.9	**269.7**	16.79	29.96	*C00-96*
All sites except C44	71602	100.0	573.2	**370.0**	18.51	43.43	56310	100.0	440.1	**268.8**	16.74	29.87	*C00-96 exc. C44*

† See note following population pyramid

Western Australia

REGISTRATION AREA

The population-based Western Australian Cancer Registry (WACR) began operating in 1981. It covers the state of Western Australia, which has a population of approximately 2 million. Approximately 3% of residents are Aboriginal Australians, whose average life expectancy is 15–20 years less than that of non-Aboriginal Australians.

CANCER CARE FACILITIES

Cancer therapy services are concentrated in the Perth Metropolitan Area, in the major (government-operated) teaching hospitals, and in several private clinics acting as referral centres for rural areas. The large geographical area of the state and the consequent difficulties in providing access to treatment and other support services in rural areas continue to demand significant expenditure within the health sector.

REGISTRY STRUCTURE AND METHODS

The registry is staffed by a small, dedicated team of seven long-serving employees with 150 years of combined experience in the area. Under state legislation, notification of cancer by pathologists is compulsory. Other notification sources include hospitals, radiation oncologists, and some clinicians. The registry works closely with a health and mortality data linkage unit and has coded mortality outcomes since 1990. For death-certificate-only (DCO) cases, unknown primary site cases, and uncorroborated hospital-coded cancer-related discharges, follow-up is undertaken with hospitals and clinicians as provided for in the legislation. Breast and cervical cytology registers are also useful sources of information. The legislation also provides for the exchange of data with other Australian registries, as well as the supply of information to treating clinicians as needed. The state's complete cancer notification regulations are available from http://www.health.wa.gov.au/wacr/home/regulations.cfm.

INTERPRETING THE RESULTS

The definition of neoplasms has been broadened to include in situ malignancies and some borderline and benign tumours. Primary basal cell carcinoma and squamous cell carcinoma skin cancers are not reportable but are included in mortality data. Screening programmes exist for breast cancer (among women aged 50–69 years, with estimated 59% coverage) and cervical cancer (among women aged 20–69 years, with 58% coverage).

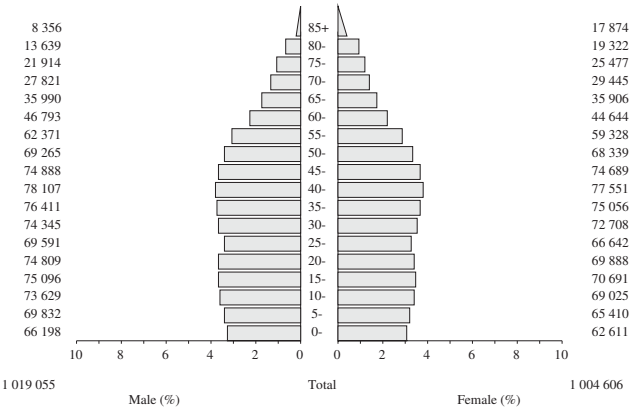
USE OF THE DATA

The registry produces annual reports of incidence data, which are available from http://www.health.wa.gov.au/wacr/statistics/stats_full.cfm.

CONTRIBUTORS

Timothy J. Threlfall
Judith Thompson

Western Australia (2003-2007)
Average annual person-years by sex and age group



SOURCE OF POPULATION

Based on data from the Australian Bureau of Statistics and the Western Australia Department of Land Administration.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	105.9	Breast	81.7
Melanoma of skin	43.6	Melanoma of skin	29.7
Trachea, bronchus and lung	35.7	Colon	20.1
Colon	24.6	Trachea, bronchus and lung	19.7
Rectum	16.8	Non-Hodgkin lymphoma	10.6
Non-Hodgkin lymphoma	13.0	Corpus uteri	9.5
Kidney	9.7	Thyroid	9.2
Bladder	9.0	Rectum	9.0
Other and unspecified	7.7	Ovary	8.3
Pancreas	7.1	Other and unspecified	6.3
All sites	367.9	All sites	268.7

Western Australia (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	367	1.4	7.2	**5.3**	0.36	0.54	144	0.7	2.9	**1.8**	0.09	0.21	*C00*
Tongue	146	0.5	2.9	**2.2**	0.15	0.26	83	0.4	1.7	**1.1**	0.07	0.12	*C01-02*
Mouth	157	0.6	3.1	**2.2**	0.16	0.27	81	0.4	1.6	**1.0**	0.06	0.13	*C03-06*
Salivary glands	62	0.2	1.2	**0.8**	0.05	0.09	55	0.3	1.1	**0.8**	0.05	0.08	*C07-08*
Tonsil	119	0.4	2.3	**1.8**	0.14	0.22	23	0.1	0.5	**0.3**	0.03	0.03	*C09*
Other oropharynx	18	0.1	0.4	**0.3**	0.02	0.04	8	0.0	0.2	**0.1**	0.00	0.01	*C10*
Nasopharynx	32	0.1	0.6	**0.5**	0.04	0.05	6	0.0	0.1	**0.1**	0.01	0.01	*C11*
Hypopharynx	57	0.2	1.1	**0.8**	0.05	0.10	9	0.0	0.2	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	32	0.1	0.6	**0.4**	0.04	0.05	5	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	439	1.7	8.6	**5.9**	0.33	0.69	155	0.8	3.1	**1.6**	0.06	0.16	*C15*
Stomach	547	2.1	10.7	**7.0**	0.32	0.78	270	1.3	5.4	**2.9**	0.12	0.29	*C16*
Small intestine	103	0.4	2.0	**1.5**	0.09	0.18	82	0.4	1.6	**1.1**	0.07	0.13	*C17*
Colon	1856	7.0	36.4	**24.6**	1.09	2.93	1755	8.6	34.9	**20.1**	0.93	2.31	*C18*
Rectum	1228	4.6	24.1	**16.8**	0.94	2.08	730	3.6	14.5	**9.0**	0.52	1.07	*C19-20*
Anus	45	0.2	0.9	**0.6**	0.04	0.06	72	0.4	1.4	**1.0**	0.08	0.12	*C21*
Liver	336	1.3	6.6	**4.7**	0.22	0.55	127	0.6	2.5	**1.4**	0.06	0.15	*C22*
Gallbladder etc.	145	0.5	2.8	**1.8**	0.07	0.18	155	0.8	3.1	**1.7**	0.07	0.18	*C23-24*
Pancreas	537	2.0	10.5	**7.1**	0.35	0.84	512	2.5	10.2	**5.6**	0.24	0.67	*C25*
Nose, sinuses etc.	50	0.2	1.0	**0.7**	0.05	0.09	26	0.1	0.5	**0.4**	0.03	0.04	*C30-31*
Larynx	218	0.8	4.3	**3.0**	0.16	0.37	30	0.1	0.6	**0.4**	0.02	0.06	*C32*
Trachea, bronchus and lung	2787	10.5	54.7	**35.7**	1.34	4.31	1674	8.2	33.3	**19.7**	0.88	2.41	*C33-34*
Other thoracic organs	27	0.1	0.5	**0.4**	0.03	0.04	14	0.1	0.3	**0.2**	0.01	0.03	*C37-38*
Bone	52	0.2	1.0	**0.9**	0.06	0.08	39	0.2	0.8	**0.7**	0.04	0.06	*C40-41*
Melanoma of skin	3054	11.5	59.9	**43.6**	2.76	4.89	2088	10.2	41.6	**29.7**	2.05	3.14	*C43*
Other skin	227		4.5	**3.0**	0.14	0.30	148		2.9	**1.7**	0.10	0.15	*C44*
Mesothelioma	350	1.3	6.9	**4.5**	0.16	0.54	71	0.3	1.4	**0.9**	0.05	0.11	*C45*
Kaposi sarcoma	14	0.1	0.3	**0.2**	0.01	0.01	5	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	170	0.6	3.3	**2.4**	0.12	0.25	108	0.5	2.2	**1.6**	0.09	0.14	*C47+C49*
Breast	36	0.1	0.7	**0.5**	0.03	0.07	5830	28.6	116.1	**81.7**	6.23	9.18	*C50*
Vulva							120	0.6	2.4	**1.4**	0.08	0.15	*C51*
Vagina							53	0.3	1.1	**0.7**	0.03	0.06	*C52*
Cervix uteri							394	1.9	7.8	**5.9**	0.44	0.56	*C53*
Corpus uteri							723	3.5	14.4	**9.5**	0.60	1.16	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							620	3.0	12.3	**8.3**	0.52	0.94	*C56*
Other female genital organs							27	0.1	0.5	**0.4**	0.02	0.05	*C57*
Placenta							1	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	39	0.1	0.8	**0.6**	0.03	0.06							*C60*
Prostate	7760	29.2	152.3	**105.9**	5.24	13.71							*C61*
Testis	355	1.3	7.0	**6.5**	0.47	0.49							*C62*
Other male genital organs	9	0.0	0.2	**0.1**	0.01	0.02							*C63*
Kidney	687	2.6	13.5	**9.7**	0.58	1.10	360	1.8	7.2	**4.9**	0.29	0.59	*C64*
Renal pelvis	58	0.2	1.1	**0.7**	0.02	0.07	51	0.2	1.0	**0.5**	0.02	0.05	*C65*
Ureter	24	0.1	0.5	**0.3**	0.01	0.03	13	0.1	0.3	**0.1**	0.01	0.02	*C66*
Bladder	718	2.7	14.1	**9.0**	0.28	0.97	232	1.1	4.6	**2.3**	0.07	0.24	*C67*
Other urinary organs	30	0.1	0.6	**0.4**	0.01	0.05	9	0.0	0.2	**0.1**	0.00	0.00	*C68*
Eye	87	0.3	1.7	**1.5**	0.08	0.13	46	0.2	0.9	**0.8**	0.04	0.07	*C69*
Brain, nervous system	417	1.6	8.2	**6.5**	0.39	0.66	298	1.5	5.9	**4.5**	0.28	0.45	*C70-72*
Thyroid	203	0.8	4.0	**3.2**	0.22	0.33	578	2.8	11.5	**9.2**	0.71	0.92	*C73*
Adrenal gland	15	0.1	0.3	**0.4**	0.02	0.02	28	0.1	0.6	**0.7**	0.04	0.05	*C74*
Other endocrine	13	0.0	0.3	**0.2**	0.02	0.02	3	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	91	0.3	1.8	**1.6**	0.11	0.13	108	0.5	2.2	**2.1**	0.13	0.16	*C81*
Non-Hodgkin lymphoma	926	3.5	18.2	**13.0**	0.70	1.44	833	4.1	16.6	**10.6**	0.62	1.18	*C82-85,C96*
Immunoproliferative diseases	24	0.1	0.5	**0.3**	0.02	0.04	19	0.1	0.4	**0.2**	0.01	0.03	*C88*
Multiple myeloma	315	1.2	6.2	**4.1**	0.18	0.47	261	1.3	5.2	**3.0**	0.15	0.34	*C90*
Lymphoid leukaemia	434	1.6	8.5	**6.8**	0.32	0.67	256	1.3	5.1	**3.8**	0.18	0.35	*C91*
Myeloid leukaemia	260	1.0	5.1	**3.8**	0.19	0.37	213	1.0	4.2	**3.0**	0.16	0.30	*C92-94*
Leukaemia unspecified	18	0.1	0.4	**0.2**	0.01	0.01	14	0.1	0.3	**0.1**	0.00	0.01	*C95*
Myeloproliferative disorders	161	0.6	3.2	**2.2**	0.11	0.24	132	0.6	2.6	**1.5**	0.07	0.15	*MPD*
Myelodysplastic syndromes	354	1.3	6.9	**4.1**	0.07	0.36	239	1.2	4.8	**2.3**	0.09	0.22	*MDS*
Other and unspecified	612	2.3	12.0	**7.7**	0.31	0.77	620	3.0	12.3	**6.3**	0.24	0.62	*O&U*
All sites	26821		526.4	**367.9**	18.71	43.02	20556		409.2	**268.7**	16.81	29.67	*C00-96*
All sites except C44	26594	100.0	521.9	**364.9**	18.57	42.73	20408	100.0	406.3	**267.0**	16.70	29.52	*C00-96 exc. C44*

New Zealand

REGISTRATION AREA

The New Zealand Cancer Registry (NZCR) covers the country of New Zealand, which is situated in the South Pacific Ocean, 1600 km south-east of Australia. Its total land area is 270 534 km^2. At the 2006 census, approximately 86% of New Zealand's residents lived in urban areas. Of the total population, 67.6% of New Zealanders self-identified as European and 14.6% as Maori. The other main ethnic groups were Asians (9.2%) and Pacific Islanders (6.9%).

CANCER CARE FACILITIES

Cancer care in New Zealand is predominantly state-funded, supplemented by private hospitals and private practitioners. There are six major cancer treatment facilities, located in the main population centres.

REGISTRY STRUCTURE AND METHODS

The NZCR is located within the New Zealand Ministry of Health in Wellington and has been in operation since 1948. The registry is staffed by seven clinical coders and two support staff members. Since 1994, laboratories have been the primary source of cancer notifications to NZCR. Laboratories are required by law to report any new diagnosis of cancer in New Zealand, excluding basal and squamous cell skin cancers. Additional data sources include medical certificates of causes of death, coroners' findings, and public and private hospital discharge data received electronically. All cancer registrations are coded by registry staff members. Quality control procedures include computerized validation checks at data input and rigorous edit checks of prepublication incidence data.

INTERPRETING THE RESULTS

The NZCR adopted ICD-O-3 for the coding of cancers diagnosed from January 2003 onwards. This resulted in changes to the coding of some cancers, particularly haematological malignancies, which may have affected incidence reporting for some cancer sites. As of January 2005, superficial transitional cell carcinoma of the bladder is no longer coded as an invasive cancer, resulting in a decrease in the number of bladder cancer registrations. Screening programmes exist for breast cancer (among women aged 45–69 years) and cervical cancer (among women aged 20–69 years).

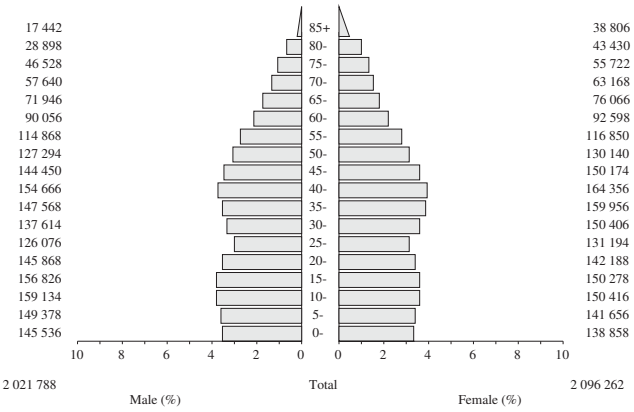
USE OF THE DATA

The NZCR provides data for public health research, policy formulation, monitoring of screening programmes, and cancer incidence and survival studies. The Ministry of Health also uses the registry data to produce an annual cancer publication containing information about cancer incidence and trends.

CONTRIBUTOR

Susan Hanna

New Zealand (2003-2007)
Average annual person-years by sex and age group

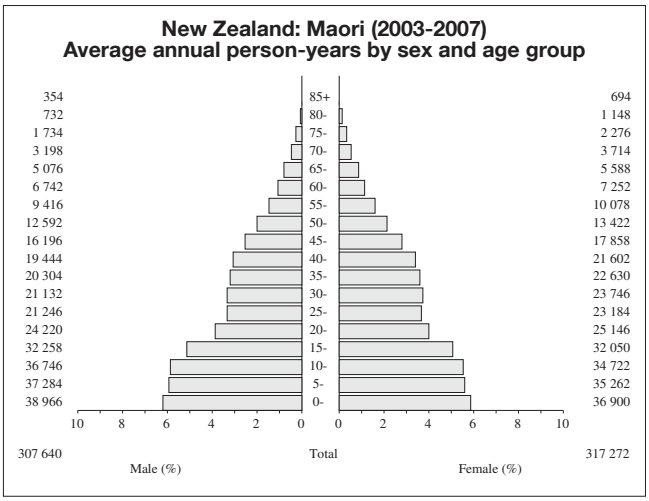


SOURCE OF POPULATION

The total and Maori populations are the estimated resident annual populations obtained from Statistics New Zealand. Note that there was a significant definitional change in ethnicity in New Zealand mortality data in 1995. The Pacific Islander population is based on projected population data supplied by Statistics New Zealand. The Other (non-Maori, non-Pacific-Islander) population was calculated by subtracting the Maori and Pacific Islander populations from the total population.

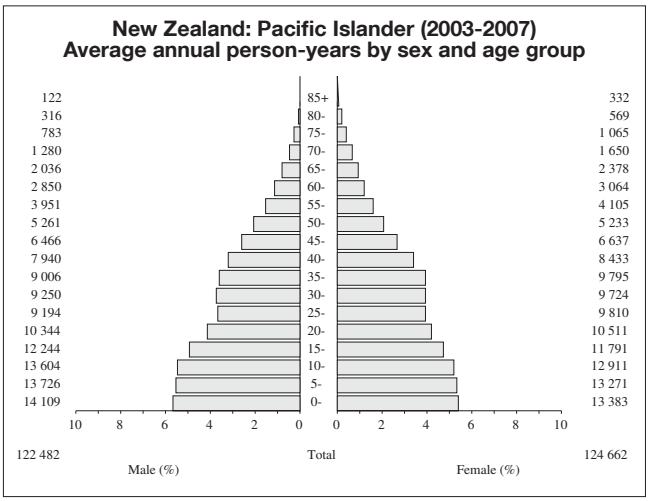
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	92.7	Breast	83.8
Melanoma of skin	37.1	Melanoma of skin	31.8
Trachea, bronchus and lung	33.3	Colon	25.7
Colon	27.6	Trachea, bronchus and lung	23.5
Rectum	18.2	Corpus uteri	11.8
Non-Hodgkin lymphoma	13.1	Rectum	10.4
Bladder	9.9	Non-Hodgkin lymphoma	9.2
Kidney	9.2	Ovary	8.6
Other and unspecified	8.2	Other and unspecified	6.9
Lymphoid leukaemia	7.8	Cervix uteri	6.0
All sites	344.2	All sites	283.7



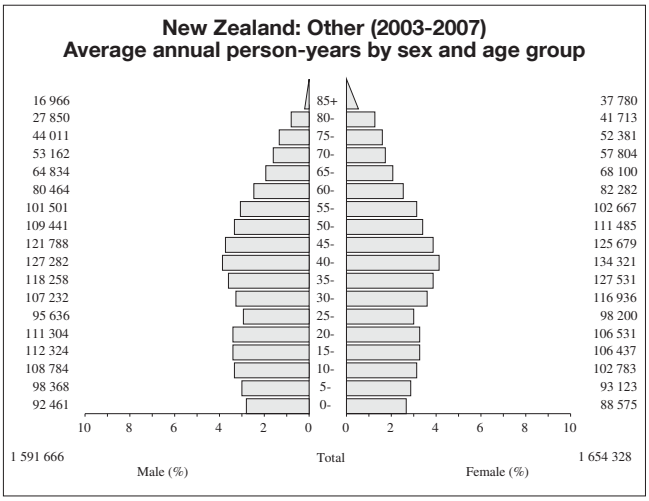
NEW ZEALAND: MAORI
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	81.2	Breast	107.4
Trachea, bronchus and lung	78.8	Trachea, bronchus and lung	79.0
Stomach	19.0	Corpus uteri	19.0
Colon	17.6	Colon	16.6
Rectum	16.6	Stomach	12.9
Liver	15.3	Cervix uteri	11.3
Other and unspecified	14.1	Other and unspecified	10.4
Non-Hodgkin lymphoma	11.6	Pancreas	9.9
Kidney	11.1	Ovary	9.8
Testis	10.6	Thyroid	8.7
All sites	376.1	All sites	376.6



NEW ZEALAND: PACIFIC ISLANDER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	95.1	Breast	88.0
Trachea, bronchus and lung	65.8	Corpus uteri	36.3
Liver	20.8	Trachea, bronchus and lung	25.0
Stomach	17.2	Ovary	11.6
Colon	13.7	Thyroid	11.0
Other and unspecified	13.1	Stomach	10.8
Myeloproliferative disorders	12.3	Non-Hodgkin lymphoma	10.6
Non-Hodgkin lymphoma	11.3	Cervix uteri	10.2
Rectum	10.6	Other and unspecified	9.5
Pancreas	9.1	Colon	9.5
All sites	363.5	All sites	300.6



NEW ZEALAND: OTHER
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	94.2	Breast	81.2
Melanoma of skin	41.6	Melanoma of skin	36.4
Trachea, bronchus and lung	28.7	Colon	26.8
Colon	28.5	Trachea, bronchus and lung	18.7
Rectum	18.5	Rectum	10.6
Non-Hodgkin lymphoma	13.4	Corpus uteri	10.1
Bladder	10.2	Non-Hodgkin lymphoma	9.3
Kidney	8.9	Ovary	8.3
Lymphoid leukaemia	7.9	Other and unspecified	6.5
Other and unspecified	7.7	Lymphoid leukaemia	5.4
All sites	341.4	All sites	275.2

New Zealand (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	166	0.3	1.6	**1.2**	0.08	0.13	47	0.1	0.4	**0.3**	0.01	0.03	*C00*
Tongue	250	0.5	2.5	**1.9**	0.14	0.22	153	0.3	1.5	**0.9**	0.06	0.10	*C01-02*
Mouth	184	0.4	1.8	**1.3**	0.09	0.16	146	0.3	1.4	**0.9**	0.04	0.09	*C03-06*
Salivary glands	78	0.2	0.8	**0.6**	0.03	0.06	89	0.2	0.8	**0.6**	0.04	0.06	*C07-08*
Tonsil	155	0.3	1.5	**1.2**	0.10	0.13	40	0.1	0.4	**0.3**	0.02	0.03	*C09*
Other oropharynx	25	0.0	0.2	**0.2**	0.01	0.03	10	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	92	0.2	0.9	**0.8**	0.05	0.09	49	0.1	0.5	**0.4**	0.03	0.03	*C11*
Hypopharynx	71	0.1	0.7	**0.5**	0.03	0.07	14	0.0	0.1	**0.1**	0.00	0.00	*C12-13*
Pharynx unspecified	37	0.1	0.4	**0.3**	0.01	0.04	10	0.0	0.1	**0.1**	0.00	0.01	*C14*
Oesophagus	847	1.7	8.4	**5.5**	0.26	0.64	434	1.0	4.1	**2.0**	0.07	0.22	*C15*
Stomach	1136	2.3	11.2	**7.6**	0.38	0.85	718	1.6	6.9	**4.0**	0.23	0.43	*C16*
Small intestine	212	0.4	2.1	**1.5**	0.09	0.19	148	0.3	1.4	**0.9**	0.06	0.11	*C17*
Colon	4270	8.5	42.2	**27.6**	1.06	3.32	4816	10.7	45.9	**25.7**	1.04	3.11	*C18*
Rectum	2672	5.3	26.4	**18.2**	0.87	2.30	1797	4.0	17.1	**10.4**	0.56	1.25	*C19-20*
Anus	77	0.2	0.8	**0.5**	0.03	0.06	180	0.4	1.7	**1.1**	0.08	0.13	*C21*
Liver	738	1.5	7.3	**5.2**	0.30	0.60	328	0.7	3.1	**1.9**	0.09	0.23	*C22*
Gallbladder etc.	194	0.4	1.9	**1.2**	0.06	0.16	291	0.6	2.8	**1.6**	0.07	0.18	*C23-24*
Pancreas	958	1.9	9.5	**6.3**	0.29	0.75	996	2.2	9.5	**5.0**	0.21	0.55	*C25*
Nose, sinuses etc.	64	0.1	0.6	**0.5**	0.03	0.06	46	0.1	0.4	**0.3**	0.02	0.04	*C30-31*
Larynx	336	0.7	3.3	**2.3**	0.13	0.29	59	0.1	0.6	**0.4**	0.02	0.04	*C32*
Trachea, bronchus and lung	5124	10.2	50.7	**33.3**	1.39	4.09	3873	8.6	37.0	**23.5**	1.31	2.99	*C33-34*
Other thoracic organs	41	0.1	0.4	**0.3**	0.03	0.04	32	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	131	0.3	1.3	**1.2**	0.08	0.10	94	0.2	0.9	**0.9**	0.05	0.07	*C40-41*
Melanoma of skin	5219	10.4	51.6	**37.1**	2.26	4.20	4758	10.5	45.4	**31.8**	2.17	3.40	*C43*
Other skin	200		2.0	**1.3**	0.05	0.12	186		1.8	**1.0**	0.05	0.09	*C44*
Mesothelioma	398	0.8	3.9	**2.6**	0.11	0.34	60	0.1	0.6	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	20	0.0	0.2	**0.2**	0.01	0.02	3	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	429	0.9	4.2	**3.1**	0.17	0.31	287	0.6	2.7	**1.9**	0.11	0.18	*C47+C49*
Breast	81	0.2	0.8	**0.5**	0.03	0.06	12318	27.3	117.5	**83.8**	6.30	9.39	*C50*
Vulva							245	0.5	2.3	**1.4**	0.09	0.13	*C51*
Vagina							60	0.1	0.6	**0.4**	0.02	0.04	*C52*
Cervix uteri							804	1.8	7.7	**6.0**	0.47	0.58	*C53*
Corpus uteri							1778	3.9	17.0	**11.8**	0.84	1.45	*C54*
Uterus unspecified							49	0.1	0.5	**0.2**	0.01	0.02	*C55*
Ovary							1362	3.0	13.0	**8.6**	0.56	0.99	*C56*
Other female genital organs							95	0.2	0.9	**0.6**	0.04	0.08	*C57*
Placenta							22	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	59	0.1	0.6	**0.4**	0.02	0.04							*C60*
Prostate	13543	27.1	134.0	**92.7**	4.40	12.16							*C61*
Testis	733	1.5	7.3	**6.8**	0.51	0.54							*C62*
Other male genital organs	18	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	1285	2.6	12.7	**9.2**	0.53	1.12	704	1.6	6.7	**4.5**	0.27	0.51	*C64*
Renal pelvis	78	0.2	0.8	**0.5**	0.03	0.06	67	0.1	0.6	**0.4**	0.02	0.04	*C65*
Ureter	45	0.1	0.4	**0.3**	0.01	0.03	20	0.0	0.2	**0.1**	0.00	0.01	*C66*
Bladder	1617	3.2	16.0	**9.9**	0.33	1.12	545	1.2	5.2	**2.7**	0.10	0.31	*C67*
Other urinary organs	47	0.1	0.5	**0.3**	0.01	0.04	24	0.1	0.2	**0.1**	0.00	0.02	*C68*
Eye	159	0.3	1.6	**1.3**	0.07	0.12	111	0.2	1.1	**0.8**	0.05	0.07	*C69*
Brain, nervous system	773	1.5	7.6	**6.1**	0.37	0.63	587	1.3	5.6	**4.4**	0.28	0.43	*C70-72*
Thyroid	291	0.6	2.9	**2.3**	0.17	0.24	734	1.6	7.0	**5.6**	0.43	0.55	*C73*
Adrenal gland	22	0.0	0.2	**0.2**	0.01	0.02	25	0.1	0.2	**0.3**	0.01	0.02	*C74*
Other endocrine	17	0.0	0.2	**0.2**	0.01	0.01	18	0.0	0.2	**0.2**	0.01	0.01	*C75*
Hodgkin lymphoma	260	0.5	2.6	**2.2**	0.15	0.19	168	0.4	1.6	**1.5**	0.10	0.12	*C81*
Non-Hodgkin lymphoma	1837	3.7	18.2	**13.1**	0.75	1.46	1506	3.3	14.4	**9.2**	0.54	1.07	*C82-85,C96*
Immunoproliferative diseases	89	0.2	0.9	**0.5**	0.01	0.05	59	0.1	0.6	**0.3**	0.02	0.05	*C88*
Multiple myeloma	695	1.4	6.9	**4.6**	0.22	0.55	554	1.2	5.3	**3.1**	0.17	0.38	*C90*
Lymphoid leukaemia	1053	2.1	10.4	**7.8**	0.39	0.82	741	1.6	7.1	**5.1**	0.24	0.49	*C91*
Myeloid leukaemia	653	1.3	6.5	**4.5**	0.22	0.43	570	1.3	5.4	**3.5**	0.19	0.34	*C92-94*
Leukaemia unspecified	39	0.1	0.4	**0.2**	0.01	0.02	37	0.1	0.4	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	647	1.3	6.4	**4.5**	0.25	0.51	573	1.3	5.5	**3.3**	0.17	0.37	*MPD*
Myelodysplastic syndromes	744	1.5	7.4	**4.2**	0.08	0.37	448	1.0	4.3	**2.1**	0.06	0.21	*MDS*
Other and unspecified	1332	2.7	13.2	**8.2**	0.28	0.83	1416	3.1	13.5	**6.9**	0.27	0.69	*O&U*
All sites	50241		497.0	**344.2**	17.01	40.80	45304		432.2	**283.7**	17.67	31.86	*C00-96*
All sites except C44	50041	100.0	495.0	**342.9**	16.95	40.68	45118	100.0	430.5	**282.7**	17.62	31.77	*C00-96 exc. C44*

New Zealand: Maori (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	1	0.0	0.1	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	15	0.4	1.0	**1.5**	0.13	0.21	13	0.3	0.8	**1.0**	0.08	0.10	*C01-02*
Mouth	16	0.4	1.0	**1.4**	0.11	0.17	7	0.2	0.4	**0.5**	0.03	0.05	*C03-06*
Salivary glands	14	0.4	0.9	**1.4**	0.07	0.18	8	0.2	0.5	**0.6**	0.06	0.06	*C07-08*
Tonsil	18	0.5	1.2	**1.4**	0.13	0.15	3	0.1	0.2	**0.2**	0.01	0.01	*C09*
Other oropharynx	8	0.2	0.5	**0.9**	0.05	0.13	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	17	0.5	1.1	**1.5**	0.09	0.21	2	0.0	0.1	**0.2**	0.02	0.02	*C11*
Hypopharynx	15	0.4	1.0	**1.6**	0.08	0.21	1	0.0	0.1	**0.1**	0.00	0.02	*C12-13*
Pharynx unspecified	2	0.1	0.1	**0.4**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.02	*C14*
Oesophagus	71	2.0	4.6	**7.4**	0.38	0.93	24	0.5	1.5	**2.4**	0.11	0.29	*C15*
Stomach	188	5.2	12.2	**19.0**	0.99	2.18	157	3.5	9.9	**12.9**	0.74	1.50	*C16*
Small intestine	27	0.7	1.8	**2.7**	0.19	0.36	27	0.6	1.7	**2.2**	0.15	0.26	*C17*
Colon	167	4.6	10.9	**17.6**	0.77	2.35	182	4.1	11.5	**16.6**	0.88	1.99	*C18*
Rectum	153	4.2	9.9	**16.6**	0.62	2.34	93	2.1	5.9	**8.5**	0.48	0.97	*C19-20*
Anus	8	0.2	0.5	**0.9**	0.01	0.16	15	0.3	0.9	**1.1**	0.09	0.09	*C21*
Liver	165	4.6	10.7	**15.3**	1.06	1.69	52	1.2	3.3	**4.6**	0.24	0.54	*C22*
Gallbladder etc.	17	0.5	1.1	**1.8**	0.08	0.23	33	0.7	2.1	**3.3**	0.16	0.34	*C23-24*
Pancreas	90	2.5	5.9	**9.4**	0.42	1.17	104	2.3	6.6	**9.9**	0.41	1.06	*C25*
Nose, sinuses etc.	11	0.3	0.7	**0.9**	0.07	0.13	8	0.2	0.5	**0.7**	0.05	0.09	*C30-31*
Larynx	41	1.1	2.7	**4.4**	0.21	0.61	15	0.3	0.9	**1.3**	0.10	0.17	*C32*
Trachea, bronchus and lung	719	19.9	46.7	**78.8**	4.06	10.24	839	18.9	52.9	**79.0**	4.73	10.20	*C33-34*
Other thoracic organs	6	0.2	0.4	**0.5**	0.05	0.05	4	0.1	0.3	**0.3**	0.01	0.04	*C37-38*
Bone	25	0.7	1.6	**1.6**	0.11	0.14	17	0.4	1.1	**1.1**	0.05	0.08	*C40-41*
Melanoma of skin	55	1.5	3.6	**5.4**	0.25	0.59	77	1.7	4.9	**5.9**	0.35	0.54	*C43*
Other skin	8		0.5	**0.7**	0.05	0.07	8		0.5	**0.6**	0.02	0.06	*C44*
Mesothelioma	10	0.3	0.7	**1.1**	0.04	0.16	3	0.1	0.2	**0.2**	0.02	0.02	*C45*
Kaposi sarcoma	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	31	0.9	2.0	**2.6**	0.17	0.27	39	0.9	2.5	**3.3**	0.23	0.37	*C47+C49*
Breast	4	0.1	0.3	**0.5**	0.01	0.05	1335	30.1	84.2	**107.4**	7.99	12.72	*C50*
Vulva							23	0.5	1.4	**1.7**	0.13	0.17	*C51*
Vagina							8	0.2	0.5	**0.7**	0.06	0.09	*C52*
Cervix uteri							153	3.5	9.6	**11.3**	0.94	1.18	*C53*
Corpus uteri							222	5.0	14.0	**19.0**	1.30	2.29	*C54*
Uterus unspecified							1	0.0	0.1	**0.1**	0.01	0.01	*C55*
Ovary							120	2.7	7.6	**9.8**	0.66	1.05	*C56*
Other female genital organs							5	0.1	0.3	**0.4**	0.02	0.04	*C57*
Placenta							7	0.2	0.4	**0.4**	0.03	0.03	*C58*
Penis	0	0.0	0.0	**0.0**	0.00	0.00							*C60*
Prostate	682	18.8	44.3	**81.2**	2.97	10.61							*C61*
Testis	160	4.4	10.4	**10.6**	0.75	0.80							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	119	3.3	7.7	**11.1**	0.81	1.33	60	1.4	3.8	**5.0**	0.33	0.50	*C64*
Renal pelvis	2	0.1	0.1	**0.2**	0.01	0.01	3	0.1	0.2	**0.2**	0.03	0.03	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.00	0.00	*C66*
Bladder	66	1.8	4.3	**7.5**	0.26	0.84	31	0.7	2.0	**2.8**	0.13	0.33	*C67*
Other urinary organs	1	0.0	0.1	**0.1**	0.01	0.01	3	0.1	0.2	**0.3**	0.00	0.04	*C68*
Eye	9	0.2	0.6	**0.6**	0.04	0.04	7	0.2	0.4	**0.5**	0.04	0.04	*C69*
Brain, nervous system	54	1.5	3.5	**4.5**	0.22	0.46	52	1.2	3.3	**4.0**	0.23	0.43	*C70-72*
Thyroid	50	1.4	3.3	**4.5**	0.28	0.50	119	2.7	7.5	**8.7**	0.65	0.92	*C73*
Adrenal gland	5	0.1	0.3	**0.3**	0.01	0.01	7	0.2	0.4	**0.5**	0.04	0.04	*C74*
Other endocrine	4	0.1	0.3	**0.2**	0.01	0.01	6	0.1	0.4	**0.4**	0.02	0.04	*C75*
Hodgkin lymphoma	20	0.6	1.3	**1.3**	0.10	0.12	21	0.5	1.3	**1.6**	0.08	0.17	*C81*
Non-Hodgkin lymphoma	124	3.4	8.1	**11.6**	0.62	1.30	96	2.2	6.1	**8.2**	0.45	1.02	*C82-85,C96*
Immunoproliferative diseases	1	0.0	0.1	**0.1**	0.00	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	39	1.1	2.5	**4.2**	0.16	0.57	64	1.4	4.0	**5.8**	0.33	0.68	*C90*
Lymphoid leukaemia	89	2.5	5.8	**8.6**	0.40	1.01	58	1.3	3.7	**4.6**	0.22	0.45	*C91*
Myeloid leukaemia	50	1.4	3.3	**4.5**	0.29	0.48	60	1.4	3.8	**4.5**	0.30	0.48	*C92-94*
Leukaemia unspecified	3	0.1	0.2	**0.3**	0.02	0.02	5	0.1	0.3	**0.4**	0.01	0.04	*C95*
Myeloproliferative disorders	93	2.6	6.0	**9.0**	0.57	1.01	99	2.2	6.2	**8.5**	0.61	0.99	*MPD*
Myelodysplastic syndromes	36	1.0	2.3	**4.4**	0.07	0.47	25	0.6	1.6	**2.4**	0.06	0.22	*MDS*
Other and unspecified	121	3.3	7.9	**14.1**	0.53	1.45	115	2.6	7.2	**10.4**	0.39	1.05	*O&U*
All sites	3630		236.0	**376.1**	18.33	46.04	4438		279.8	**376.6**	24.05	43.93	*C00-96*
All sites except C44	3622	100.0	235.5	**375.4**	18.27	45.97	4430	100.0	279.3	**376.0**	24.02	43.87	*C00-96 exc. C44*

New Zealand: Pacific Islander (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world (per 100,000)	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74 (%)	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world (per 100,000)	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74 (%)	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C00*
Tongue	10	0.7	1.6	**2.1**	0.19	0.27	6	0.4	1.0	**1.1**	0.05	0.09	*C01-02*
Mouth	6	0.4	1.0	**1.3**	0.15	0.15	4	0.3	0.6	**0.9**	0.05	0.09	*C03-06*
Salivary glands	5	0.4	0.8	**1.0**	0.07	0.07	5	0.3	0.8	**0.7**	0.05	0.05	*C07-08*
Tonsil	5	0.4	0.8	**1.1**	0.05	0.15	2	0.1	0.3	**0.4**	0.02	0.08	*C09*
Other oropharynx	1	0.1	0.2	**0.3**	0.00	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	20	1.4	3.3	**3.9**	0.41	0.41	10	0.7	1.6	**1.6**	0.13	0.19	*C11*
Hypopharynx	2	0.1	0.3	**0.5**	0.02	0.06	1	0.1	0.2	**0.2**	0.02	0.02	*C12-13*
Pharynx unspecified	1	0.1	0.2	**0.3**	0.00	0.00	2	0.1	0.3	**0.4**	0.00	0.00	*C14*
Oesophagus	23	1.6	3.8	**6.6**	0.39	0.96	4	0.3	0.6	**1.0**	0.07	0.13	*C15*
Stomach	67	4.8	10.9	**17.2**	0.83	2.12	54	3.5	8.7	**10.8**	0.54	1.08	*C16*
Small intestine	11	0.8	1.8	**2.4**	0.15	0.32	6	0.4	1.0	**1.1**	0.05	0.05	*C17*
Colon	56	4.0	9.1	**13.7**	0.65	1.43	45	2.9	7.2	**9.5**	0.45	0.97	*C18*
Rectum	40	2.9	6.5	**10.6**	0.53	1.10	40	2.6	6.4	**7.7**	0.43	0.88	*C19-20*
Anus	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.2	**0.1**	0.01	0.01	*C21*
Liver	87	6.2	14.2	**20.8**	1.18	2.45	28	1.8	4.5	**5.7**	0.30	0.59	*C22*
Gallbladder etc.	12	0.9	2.0	**3.1**	0.14	0.39	13	0.9	2.1	**2.9**	0.22	0.42	*C23-24*
Pancreas	34	2.4	5.6	**9.1**	0.47	0.85	22	1.4	3.5	**4.6**	0.22	0.52	*C25*
Nose, sinuses etc.	2	0.1	0.3	**0.3**	0.03	0.03	4	0.3	0.6	**0.8**	0.05	0.11	*C30-31*
Larynx	10	0.7	1.6	**2.8**	0.16	0.46	2	0.1	0.3	**0.4**	0.00	0.04	*C32*
Trachea, bronchus and lung	240	17.1	39.2	**65.8**	2.56	8.22	120	7.9	19.3	**25.0**	1.26	3.00	*C33-34*
Other thoracic organs	2	0.1	0.3	**0.4**	0.05	0.05	6	0.4	1.0	**1.1**	0.05	0.09	*C37-38*
Bone	8	0.6	1.3	**1.1**	0.07	0.07	6	0.4	1.0	**0.9**	0.06	0.06	*C40-41*
Melanoma of skin	12	0.9	2.0	**3.5**	0.18	0.26	17	1.1	2.7	**3.4**	0.15	0.38	*C43*
Other skin	2		0.3	**0.5**	0.05	0.05	1		0.2	**0.3**	0.00	0.04	*C44*
Mesothelioma	6	0.4	1.0	**1.8**	0.04	0.29	1	0.1	0.2	**0.3**	0.00	0.04	*C45*
Kaposi sarcoma	1	0.1	0.2	**0.2**	0.03	0.03	1	0.1	0.2	**0.2**	0.00	0.00	*C46*
Connective and soft tissue	12	0.9	2.0	**3.3**	0.19	0.28	14	0.9	2.2	**2.8**	0.17	0.31	*C47+C49*
Breast	6	0.4	1.0	**1.4**	0.09	0.09	459	30.1	73.6	**88.0**	6.47	9.61	*C50*
Vulva							3	0.2	0.5	**0.6**	0.02	0.06	*C51*
Vagina							2	0.1	0.3	**0.4**	0.02	0.06	*C52*
Cervix uteri							56	3.7	9.0	**10.2**	0.79	1.10	*C53*
Corpus uteri							179	11.7	28.7	**36.3**	2.62	4.33	*C54*
Uterus unspecified							8	0.5	1.3	**1.8**	0.05	0.22	*C55*
Ovary							60	3.9	9.6	**11.6**	0.80	1.32	*C56*
Other female genital organs							6	0.4	1.0	**1.3**	0.06	0.14	*C57*
Placenta							1	0.1	0.2	**0.1**	0.01	0.01	*C58*
Penis	2	0.1	0.3	**0.5**	0.05	0.05							*C60*
Prostate	324	23.1	52.9	**95.1**	3.26	10.98							*C61*
Testis	11	0.8	1.8	**1.6**	0.14	0.14							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	37	2.6	6.0	**8.6**	0.63	1.00	9	0.6	1.4	**1.8**	0.11	0.27	*C64*
Renal pelvis	2	0.1	0.3	**0.4**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C66*
Bladder	22	1.6	3.6	**5.8**	0.14	0.52	12	0.8	1.9	**2.4**	0.14	0.14	*C67*
Other urinary organs	1	0.1	0.2	**0.8**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	5	0.4	0.8	**0.9**	0.05	0.05	1	0.1	0.2	**0.2**	0.02	0.02	*C69*
Brain, nervous system	28	2.0	4.6	**5.2**	0.30	0.40	23	1.5	3.7	**3.9**	0.23	0.33	*C70-72*
Thyroid	22	1.6	3.6	**4.8**	0.22	0.63	62	4.1	9.9	**11.0**	0.77	1.19	*C73*
Adrenal gland	2	0.1	0.3	**0.3**	0.01	0.01	1	0.1	0.2	**0.2**	0.01	0.01	*C74*
Other endocrine	2	0.1	0.3	**0.3**	0.02	0.02	4	0.3	0.6	**0.7**	0.03	0.07	*C75*
Hodgkin lymphoma	10	0.7	1.6	**1.6**	0.13	0.13	7	0.5	1.1	**1.2**	0.09	0.09	*C81*
Non-Hodgkin lymphoma	50	3.6	8.2	**11.3**	0.58	1.27	55	3.6	8.8	**10.6**	0.55	1.08	*C82-85,C96*
Immunoproliferative diseases	1	0.1	0.2	**0.3**	0.00	0.08	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	30	2.1	4.9	**8.4**	0.37	1.15	27	1.8	4.3	**5.9**	0.32	0.78	*C90*
Lymphoid leukaemia	26	1.9	4.2	**5.0**	0.28	0.47	19	1.2	3.0	**3.7**	0.23	0.41	*C91*
Myeloid leukaemia	33	2.4	5.4	**7.0**	0.29	0.60	31	2.0	5.0	**5.9**	0.36	0.69	*C92-94*
Leukaemia unspecified	3	0.2	0.5	**0.7**	0.01	0.09	1	0.1	0.2	**0.2**	0.00	0.00	*C95*
Myeloproliferative disorders	53	3.8	8.7	**12.3**	0.90	1.38	30	2.0	4.8	**6.5**	0.28	0.92	*MPD*
Myelodysplastic syndromes	15	1.1	2.4	**4.4**	0.13	0.37	13	0.9	2.1	**2.7**	0.04	0.18	*MDS*
Other and unspecified	45	3.2	7.3	**13.1**	0.42	1.25	43	2.8	6.9	**9.5**	0.46	0.96	*O&U*
All sites	1405		229.4	**363.5**	16.62	41.25	1527		245.0	**300.6**	18.81	33.22	*C00-96*
All sites except C44	1403	100.0	229.1	**363.1**	16.57	41.19	1526	100.0	244.8	**300.4**	18.81	33.18	*C00-96 exc. C44*

New Zealand: Other (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	165	0.4	2.1	**1.4**	0.09	0.15	47	0.1	0.6	**0.3**	0.02	0.03	*C00*
Tongue	225	0.5	2.8	**1.9**	0.14	0.22	134	0.3	1.6	**0.9**	0.06	0.10	*C01-02*
Mouth	162	0.4	2.0	**1.3**	0.09	0.16	135	0.3	1.6	**0.9**	0.05	0.10	*C03-06*
Salivary glands	59	0.1	0.7	**0.5**	0.03	0.05	76	0.2	0.9	**0.6**	0.04	0.06	*C07-08*
Tonsil	132	0.3	1.7	**1.1**	0.10	0.13	35	0.1	0.4	**0.3**	0.03	0.03	*C09*
Other oropharynx	16	0.0	0.2	**0.1**	0.01	0.02	10	0.0	0.1	**0.1**	0.00	0.01	*C10*
Nasopharynx	55	0.1	0.7	**0.5**	0.03	0.06	37	0.1	0.4	**0.3**	0.02	0.03	*C11*
Hypopharynx	54	0.1	0.7	**0.4**	0.02	0.06	12	0.0	0.1	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	34	0.1	0.4	**0.3**	0.01	0.04	7	0.0	0.1	**0.0**	0.00	0.01	*C14*
Oesophagus	753	1.7	9.5	**5.3**	0.24	0.60	406	1.0	4.9	**2.0**	0.07	0.22	*C15*
Stomach	881	2.0	11.1	**6.2**	0.29	0.69	507	1.3	6.1	**2.8**	0.14	0.30	*C16*
Small intestine	174	0.4	2.2	**1.3**	0.07	0.17	115	0.3	1.4	**0.8**	0.04	0.09	*C17*
Colon	4047	9.0	50.9	**28.5**	1.10	3.45	4589	11.7	55.5	**26.8**	1.08	3.26	*C18*
Rectum	2479	5.5	31.1	**18.5**	0.91	2.34	1664	4.2	20.1	**10.6**	0.57	1.28	*C19-20*
Anus	69	0.2	0.9	**0.5**	0.03	0.06	164	0.4	2.0	**1.2**	0.09	0.13	*C21*
Liver	486	1.1	6.1	**3.7**	0.18	0.43	248	0.6	3.0	**1.6**	0.07	0.19	*C22*
Gallbladder etc.	165	0.4	2.1	**1.1**	0.05	0.14	245	0.6	3.0	**1.4**	0.05	0.16	*C23-24*
Pancreas	834	1.9	10.5	**6.0**	0.27	0.71	870	2.2	10.5	**4.7**	0.19	0.51	*C25*
Nose, sinuses etc.	51	0.1	0.6	**0.4**	0.02	0.05	34	0.1	0.4	**0.2**	0.02	0.03	*C30-31*
Larynx	285	0.6	3.6	**2.1**	0.12	0.26	42	0.1	0.5	**0.3**	0.01	0.03	*C32*
Trachea, bronchus and lung	4165	9.3	52.3	**28.7**	1.09	3.47	2914	7.4	35.2	**18.7**	0.97	2.37	*C33-34*
Other thoracic organs	33	0.1	0.4	**0.3**	0.02	0.04	22	0.1	0.3	**0.2**	0.01	0.02	*C37-38*
Bone	98	0.2	1.2	**1.1**	0.07	0.09	71	0.2	0.9	**0.8**	0.05	0.06	*C40-41*
Melanoma of skin	5152	11.4	64.7	**41.6**	2.59	4.69	4664	11.9	56.4	**36.4**	2.53	3.86	*C43*
Other skin	190		2.4	**1.3**	0.05	0.12	177		2.1	**1.0**	0.05	0.09	*C44*
Mesothelioma	382	0.8	4.8	**2.7**	0.12	0.36	56	0.1	0.7	**0.3**	0.02	0.04	*C45*
Kaposi sarcoma	19	0.0	0.2	**0.2**	0.02	0.02	2	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	386	0.9	4.9	**3.2**	0.17	0.32	234	0.6	2.8	**1.8**	0.10	0.16	*C47+C49*
Breast	71	0.2	0.9	**0.5**	0.03	0.06	10524	26.9	127.2	**81.2**	6.10	9.08	*C50*
Vulva							219	0.6	2.6	**1.3**	0.08	0.12	*C51*
Vagina							50	0.1	0.6	**0.3**	0.02	0.03	*C52*
Cervix uteri							595	1.5	7.2	**5.3**	0.40	0.50	*C53*
Corpus uteri							1377	3.5	16.6	**10.1**	0.70	1.25	*C54*
Uterus unspecified							40	0.1	0.5	**0.2**	0.01	0.01	*C55*
Ovary							1182	3.0	14.3	**8.3**	0.53	0.96	*C56*
Other female genital organs							84	0.2	1.0	**0.6**	0.04	0.08	*C57*
Placenta							14	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	57	0.1	0.7	**0.4**	0.02	0.05							*C60*
Prostate	12537	27.9	157.5	**94.2**	4.59	12.37							*C61*
Testis	562	1.2	7.1	**6.4**	0.49	0.51							*C62*
Other male genital organs	18	0.0	0.2	**0.1**	0.01	0.01							*C63*
Kidney	1129	2.5	14.2	**8.9**	0.49	1.09	635	1.6	7.7	**4.6**	0.27	0.52	*C64*
Renal pelvis	74	0.2	0.9	**0.5**	0.03	0.07	64	0.2	0.8	**0.4**	0.02	0.04	*C65*
Ureter	45	0.1	0.6	**0.3**	0.01	0.04	19	0.0	0.2	**0.1**	0.00	0.02	*C66*
Bladder	1529	3.4	19.2	**10.2**	0.35	1.16	502	1.3	6.1	**2.7**	0.10	0.31	*C67*
Other urinary organs	45	0.1	0.6	**0.3**	0.01	0.04	21	0.1	0.3	**0.1**	0.00	0.01	*C68*
Eye	145	0.3	1.8	**1.2**	0.07	0.12	103	0.3	1.2	**0.9**	0.05	0.08	*C69*
Brain, nervous system	691	1.5	8.7	**6.2**	0.39	0.65	512	1.3	6.2	**4.5**	0.29	0.44	*C70-72*
Thyroid	219	0.5	2.8	**2.1**	0.15	0.21	553	1.4	6.7	**5.0**	0.38	0.48	*C73*
Adrenal gland	15	0.0	0.2	**0.2**	0.01	0.01	17	0.0	0.2	**0.2**	0.01	0.02	*C74*
Other endocrine	11	0.0	0.1	**0.2**	0.01	0.01	8	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	230	0.5	2.9	**2.4**	0.16	0.20	140	0.4	1.7	**1.6**	0.10	0.13	*C81*
Non-Hodgkin lymphoma	1663	3.7	20.9	**13.4**	0.77	1.49	1355	3.5	16.4	**9.3**	0.55	1.08	*C82-85,C96*
Immunoproliferative diseases	87	0.2	1.1	**0.5**	0.01	0.06	59	0.2	0.7	**0.4**	0.02	0.05	*C88*
Multiple myeloma	626	1.4	7.9	**4.5**	0.22	0.53	463	1.2	5.6	**2.8**	0.14	0.34	*C90*
Lymphoid leukaemia	938	2.1	11.8	**7.9**	0.40	0.82	664	1.7	8.0	**5.4**	0.25	0.50	*C91*
Myeloid leukaemia	570	1.3	7.2	**4.3**	0.20	0.42	479	1.2	5.8	**3.2**	0.16	0.31	*C92-94*
Leukaemia unspecified	33	0.1	0.4	**0.2**	0.01	0.02	31	0.1	0.4	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	501	1.1	6.3	**3.8**	0.19	0.43	444	1.1	5.4	**2.6**	0.12	0.30	*MPD*
Myelodysplastic syndromes	693	1.5	8.7	**4.2**	0.08	0.37	410	1.0	5.0	**2.0**	0.06	0.21	*MDS*
Other and unspecified	1166	2.6	14.7	**7.7**	0.25	0.77	1258	3.2	15.2	**6.5**	0.25	0.65	*O&U*
All sites	45206		568.0	**341.4**	16.90	40.41	39339		475.6	**275.2**	16.98	30.74	*C00-96*
All sites except C44	45016	100.0	565.6	**340.2**	16.85	40.29	39162	100.0	473.4	**274.2**	16.93	30.65	*C00-96 exc. C44*

USA, Hawaii

REGISTRATION AREA

The Hawaii Tumor Registry (HTR) is an active surveillance monitoring system for the entire United States state of Hawaii, which consists of eight major and 124 minor islands, spanning 1367 miles from tip to tip. At the 2005 census, Hawaii's population was approximately 128 000, with the majority of residents living on the island of Oahu.

REGISTRY STRUCTURE AND METHODS

The HTR was established in 1960 and became a founding member of the United States National Cancer Institute's SEER Program in 1973. As the central statewide collection point for cancer data, the HTR receives data from collaborating hospitals maintaining their own hospital-based tumour registries. HTR employees also gather data from oncology clinics, pathology laboratories, private physicians, radiation oncology facilities, and other facilities. The HTR collects the required SEER demographic and diagnostic information for all malignancies diagnosed in the state. Patients are followed up annually throughout their lifetimes. To ensure accuracy, strict quality control and quality assurance procedures have been established.

INTERPRETING THE RESULTS

The HTR data collected for the diagnosis years of 1973 onward are complete. There are some differences in incidence rates between males and females, and among several ethnic groups. Hawaii is unique in that its population is racially diverse, with no one ethnicity in the majority. Screening programmes exist for breast, cervical, colorectal, and prostate cancers.

USE OF THE DATA

The HTR maintains a database of information on all cases of cancer diagnosed in the state of Hawaii, which is a major source of cancer data and information locally, nationally, and internationally. The registry provides complete cancer reporting for the entire state and serves as a resource for nearly all epidemiological cancer research and cancer control activities in Hawaii. Hawaiian statistics on a wide variety of malignancies are available to the research community worldwide. The most recent version of the statistical publication *Hawaii Cancer Facts & Figures* is available for download from http://www.uhcancercenter.org/research/research-highlightsreports. The publication provides an overview of cancer; a discussion of the impact of sex, age, and racial/ethnic disparities on cancer; and an analysis of the six major cancer sites.

CONTRIBUTORS

Brenda Y. Hernandez
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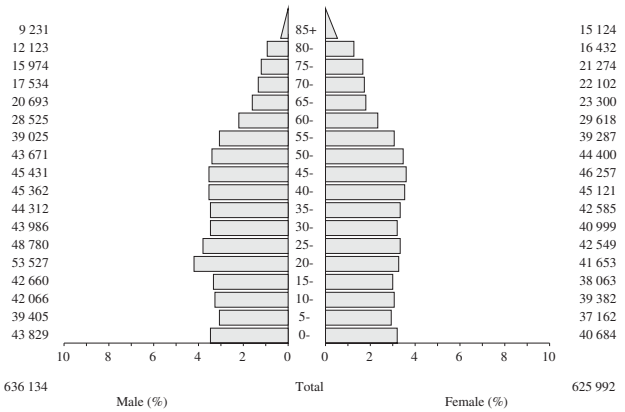
USA, Hawaii (2003-2007)
Average annual person-years by sex and age group

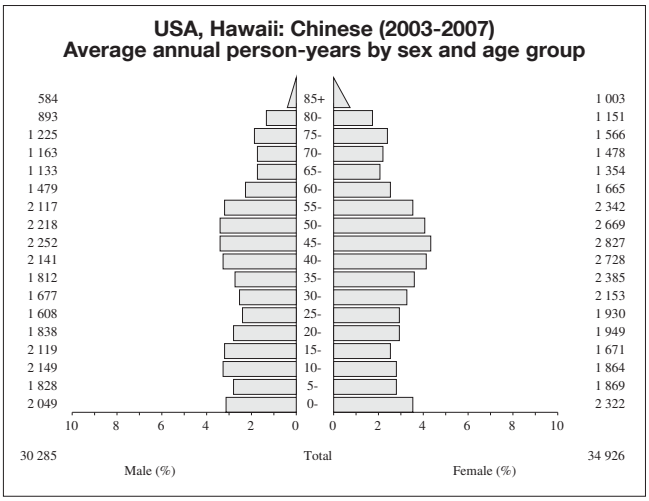


SOURCE OF POPULATION

Overall population estimates, including intercensal estimates, are based on the 2000 national census carried out by the United States Census Bureau. Race/ethnicity-specific population estimates are also based on data from the 2000 national census, adjusted for population shifts in intercensal years using data from the state of Hawaii and national census sources.

10 MAJOR CANCERS, ASR (WORLD) PER 100 000

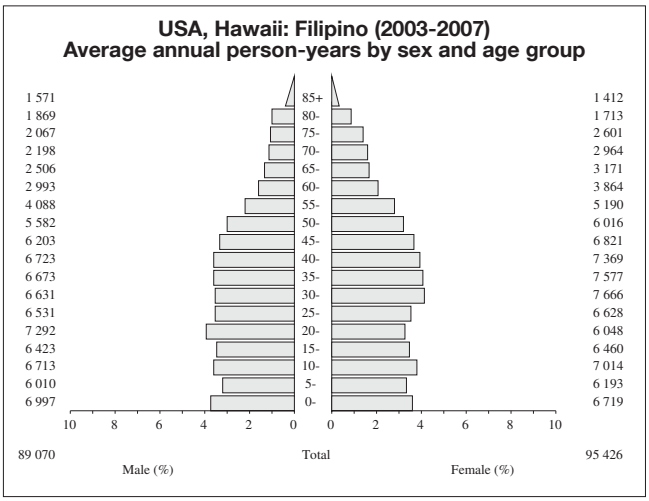
Male		Female	
Prostate	83.7	Breast	88.4
Trachea, bronchus and lung	43.8	Trachea, bronchus and lung	26.2
Colon	23.5	Corpus uteri	21.1
Melanoma of skin	17.5	Colon	17.8
Rectum	15.8	Thyroid	15.4
Bladder	14.9	Melanoma of skin	10.9
Non-Hodgkin lymphoma	12.6	Non-Hodgkin lymphoma	8.4
Kidney	11.3	Ovary	7.9
Liver	10.6	Rectum	7.6
Stomach	8.9	Pancreas	6.5
All sites	326.1	All sites	274.1



NOTES ON THE DATA: *No official mortality data.

USA, HAWAII: CHINESE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

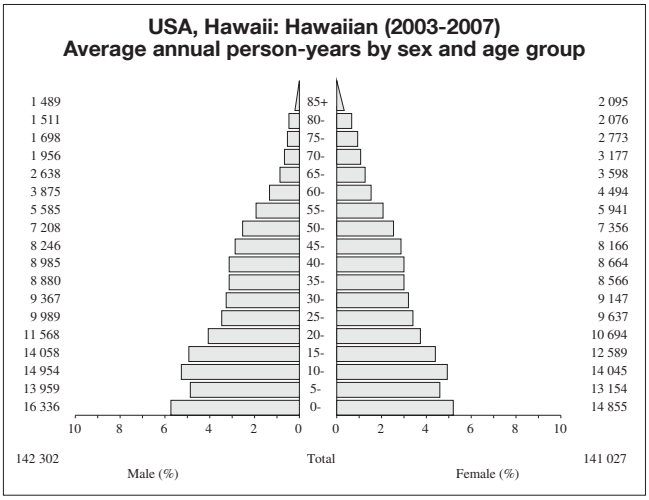
Male		Female	
Prostate	94.2	Breast	91.5
Trachea, bronchus and lung	36.3	Thyroid	22.5
Colon	24.1	Trachea, bronchus and lung	22.4
Non-Hodgkin lymphoma	17.0	Corpus uteri	17.1
Liver	16.3	Colon	16.0
Rectum	12.9	Rectum	11.2
Bladder	12.8	Ovary	9.8
Kidney	12.3	Non-Hodgkin lymphoma	8.8
Nasopharynx	7.6	Other and unspecified	7.2
Pancreas	6.8	Stomach	7.1
All sites	313.6	All sites	266.4



NOTES ON THE DATA: *No official mortality data.

USA, HAWAII: FILIPINO
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

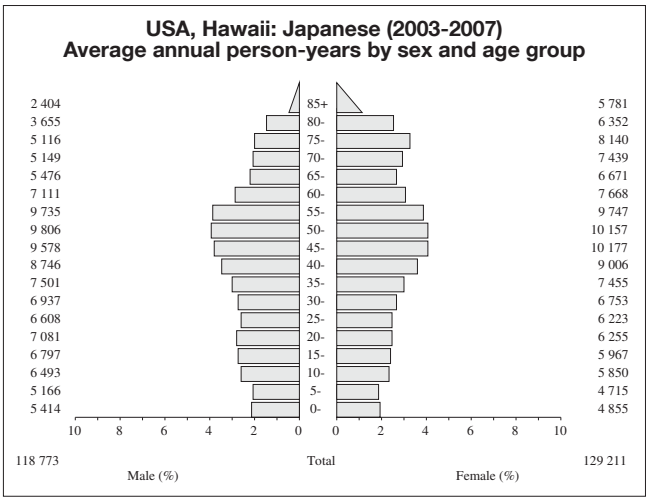
Male		Female	
Prostate	93.3	Breast	82.1
Trachea, bronchus and lung	67.3	Thyroid	28.1
Colon	24.5	Trachea, bronchus and lung	28.0
Rectum	22.0	Corpus uteri	21.1
Non-Hodgkin lymphoma	14.2	Colon	18.2
Kidney	12.7	Non-Hodgkin lymphoma	10.4
Liver	12.2	Ovary	9.2
Pancreas	9.9	Rectum	8.2
Bladder	9.4	Cervix uteri	7.0
Thyroid	9.3	Pancreas	6.2
All sites	349.8	All sites	282.7



NOTES ON THE DATA: *No official mortality data.

USA, HAWAII: HAWAIIAN
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

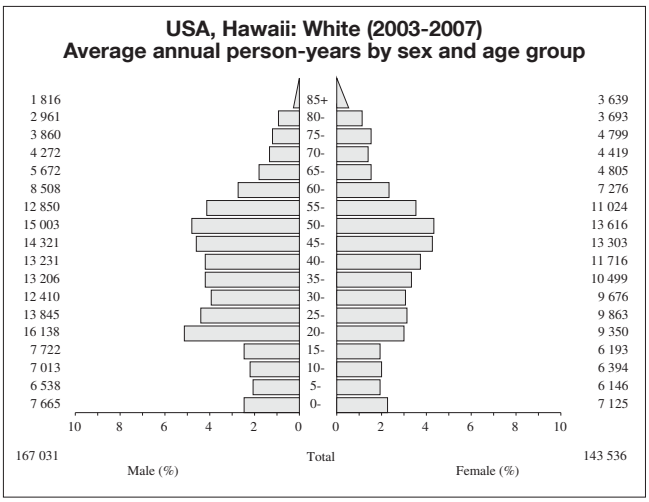
Male		Female	
Prostate	67.9	Breast	106.4
Trachea, bronchus and lung	58.6	Trachea, bronchus and lung	39.0
Colon	24.2	Corpus uteri	29.7
Rectum	15.2	Colon	14.2
Liver	13.1	Thyroid	13.1
Kidney	12.9	Pancreas	9.0
Pancreas	11.8	Ovary	8.3
Bladder	11.2	Non-Hodgkin lymphoma	7.0
Non-Hodgkin lymphoma	11.2	Rectum	7.0
Stomach	8.6	Other and unspecified	6.7
All sites	316.0	All sites	309.0



NOTES ON THE DATA: *No official mortality data.

USA, HAWAII: JAPANESE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	86.1	Breast	86.5
Trachea, bronchus and lung	36.6	Colon	21.7
Colon	29.0	Corpus uteri	19.8
Rectum	20.6	Trachea, bronchus and lung	15.9
Bladder	15.1	Thyroid	9.2
Stomach	15.1	Rectum	8.1
Pancreas	10.6	Ovary	7.5
Non-Hodgkin lymphoma	9.4	Non-Hodgkin lymphoma	7.3
Kidney	9.4	Pancreas	6.1
Liver	7.9	Stomach	5.3
All sites	299.1	All sites	232.8



NOTES ON THE DATA: *No official mortality data.

USA, HAWAII: WHITE
10 MAJOR CANCERS, ASR (WORLD) PER 100 000

Male		Female	
Prostate	101.2	Breast	98.1
Melanoma of skin	55.3	Melanoma of skin	36.9
Trachea, bronchus and lung	45.1	Trachea, bronchus and lung	34.7
Colon	24.4	Corpus uteri	18.3
Bladder	24.3	Colon	18.3
Non-Hodgkin lymphoma	16.4	Thyroid	11.8
Kidney	13.1	Non-Hodgkin lymphoma	9.4
Rectum	13.0	Ovary	8.6
Liver	8.6	Bladder	6.7
Testis	8.2	Rectum	6.3
All sites	411.8	All sites	318.7

USA, Hawaii (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	22	0.1	0.7	**0.5**	0.03	0.07	9	0.1	0.3	**0.2**	0.01	0.02	*C00*
Tongue	179	1.1	5.6	**4.1**	0.28	0.48	90	0.6	2.9	**1.6**	0.11	0.18	*C01-02*
Mouth	63	0.4	2.0	**1.4**	0.09	0.17	63	0.4	2.0	**1.0**	0.05	0.12	*C03-06*
Salivary glands	53	0.3	1.7	**1.3**	0.08	0.15	37	0.3	1.2	**0.9**	0.06	0.09	*C07-08*
Tonsil	84	0.5	2.6	**2.0**	0.17	0.23	17	0.1	0.5	**0.4**	0.03	0.05	*C09*
Other oropharynx	21	0.1	0.7	**0.4**	0.04	0.05	5	0.0	0.2	**0.1**	0.00	0.02	*C10*
Nasopharynx	78	0.5	2.5	**2.0**	0.13	0.23	26	0.2	0.8	**0.6**	0.04	0.07	*C11*
Hypopharynx	33	0.2	1.0	**0.7**	0.04	0.08	6	0.0	0.2	**0.1**	0.00	0.01	*C12-13*
Pharynx unspecified	7	0.0	0.2	**0.2**	0.01	0.02	1	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	223	1.4	7.0	**4.6**	0.27	0.59	45	0.3	1.4	**0.7**	0.03	0.09	*C15*
Stomach	489	3.1	15.4	**8.9**	0.31	1.07	325	2.3	10.4	**4.8**	0.22	0.52	*C16*
Small intestine	63	0.4	2.0	**1.4**	0.08	0.18	45	0.3	1.4	**0.7**	0.05	0.08	*C17*
Colon	1183	7.5	37.2	**23.5**	1.26	2.79	1107	7.9	35.4	**17.8**	0.93	2.04	*C18*
Rectum	713	4.5	22.4	**15.8**	1.11	1.90	404	2.9	12.9	**7.6**	0.44	0.89	*C19-20*
Anus	39	0.2	1.2	**0.8**	0.06	0.10	33	0.2	1.1	**0.6**	0.04	0.08	*C21*
Liver	484	3.1	15.2	**10.6**	0.71	1.23	226	1.6	7.2	**3.8**	0.17	0.47	*C22*
Gallbladder etc.	112	0.7	3.5	**2.2**	0.11	0.27	108	0.8	3.5	**1.5**	0.07	0.17	*C23-24*
Pancreas	459	2.9	14.4	**8.9**	0.45	1.02	431	3.1	13.8	**6.5**	0.30	0.76	*C25*
Nose, sinuses etc.	39	0.2	1.2	**0.9**	0.04	0.12	24	0.2	0.8	**0.5**	0.03	0.05	*C30-31*
Larynx	156	1.0	4.9	**3.4**	0.22	0.44	20	0.1	0.6	**0.4**	0.02	0.05	*C32*
Trachea, bronchus and lung	2214	14.1	69.6	**43.8**	2.07	5.58	1555	11.1	49.7	**26.2**	1.29	3.36	*C33-34*
Other thoracic organs	32	0.2	1.0	**0.8**	0.06	0.09	29	0.2	0.9	**0.7**	0.03	0.07	*C37-38*
Bone	24	0.2	0.8	**0.7**	0.05	0.06	23	0.2	0.7	**0.7**	0.04	0.05	*C40-41*
Melanoma of skin	787	5.0	24.7	**17.5**	1.19	2.00	495	3.5	15.8	**10.9**	0.85	1.10	*C43*
Other skin	73		2.3	**1.5**	0.08	0.15	53		1.7	**1.1**	0.07	0.11	*C44*
Mesothelioma	40	0.3	1.3	**0.8**	0.03	0.09	7	0.0	0.2	**0.2**	0.01	0.02	*C45*
Kaposi sarcoma	27	0.2	0.8	**0.7**	0.05	0.05	3	0.0	0.1	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	132	0.8	4.2	**2.9**	0.19	0.26	113	0.8	3.6	**2.5**	0.16	0.23	*C47+C49*
Breast	25	0.2	0.8	**0.5**	0.03	0.06	4248	30.3	135.7	**88.4**	6.50	10.33	*C50*
Vulva							65	0.5	2.1	**1.1**	0.08	0.13	*C51*
Vagina							22	0.2	0.7	**0.4**	0.03	0.04	*C52*
Cervix uteri							249	1.8	8.0	**6.0**	0.48	0.56	*C53*
Corpus uteri							974	6.9	31.1	**21.1**	1.67	2.39	*C54*
Uterus unspecified							11	0.1	0.4	**0.2**	0.01	0.02	*C55*
Ovary							390	2.8	12.5	**7.9**	0.55	0.87	*C56*
Other female genital organs							26	0.2	0.8	**0.5**	0.03	0.05	*C57*
Placenta							5	0.0	0.2	**0.2**	0.01	0.01	*C58*
Penis	19	0.1	0.6	**0.3**	0.01	0.03							*C60*
Prostate	4234	26.9	133.1	**83.7**	3.82	10.86							*C61*
Testis	162	1.0	5.1	**4.7**	0.35	0.36							*C62*
Other male genital organs	17	0.1	0.5	**0.4**	0.02	0.05							*C63*
Kidney	499	3.2	15.7	**11.3**	0.74	1.36	244	1.7	7.8	**4.9**	0.32	0.57	*C64*
Renal pelvis	31	0.2	1.0	**0.6**	0.03	0.08	32	0.2	1.0	**0.4**	0.01	0.06	*C65*
Ureter	24	0.2	0.8	**0.4**	0.01	0.04	22	0.2	0.7	**0.3**	0.01	0.03	*C66*
Bladder	803	5.1	25.2	**14.9**	0.61	1.83	250	1.8	8.0	**3.9**	0.19	0.45	*C67*
Other urinary organs	8	0.1	0.3	**0.2**	0.01	0.02	4	0.0	0.1	**0.1**	0.00	0.01	*C68*
Eye	19	0.1	0.6	**0.5**	0.04	0.04	13	0.1	0.4	**0.3**	0.02	0.02	*C69*
Brain, nervous system	144	0.9	4.5	**3.9**	0.26	0.34	121	0.9	3.9	**3.0**	0.21	0.28	*C70-72*
Thyroid	184	1.2	5.8	**4.5**	0.34	0.46	595	4.2	19.0	**15.4**	1.20	1.47	*C73*
Adrenal gland	9	0.1	0.3	**0.4**	0.02	0.02	6	0.0	0.2	**0.2**	0.01	0.01	*C74*
Other endocrine	7	0.0	0.2	**0.3**	0.02	0.02	2	0.0	0.1	**0.0**	0.01	0.01	*C75*
Hodgkin lymphoma	75	0.5	2.4	**1.9**	0.13	0.15	66	0.5	2.1	**2.0**	0.13	0.14	*C81*
Non-Hodgkin lymphoma	629	4.0	19.8	**12.6**	0.73	1.38	467	3.3	14.9	**8.4**	0.48	0.99	*C82-85,C96*
Immunoproliferative diseases	17	0.1	0.5	**0.3**	0.02	0.04	11	0.1	0.4	**0.2**	0.01	0.02	*C88*
Multiple myeloma	172	1.1	5.4	**3.5**	0.18	0.43	133	0.9	4.2	**2.2**	0.13	0.27	*C90*
Lymphoid leukaemia	187	1.2	5.9	**4.6**	0.26	0.47	128	0.9	4.1	**3.0**	0.17	0.26	*C91*
Myeloid leukaemia	197	1.3	6.2	**4.4**	0.22	0.43	161	1.1	5.1	**3.5**	0.22	0.32	*C92-94*
Leukaemia unspecified	13	0.1	0.4	**0.3**	0.01	0.02	13	0.1	0.4	**0.2**	0.01	0.02	*C95*
Myeloproliferative disorders	97	0.6	3.0	**2.1**	0.13	0.24	120	0.9	3.8	**2.2**	0.14	0.26	*MPD*
Myelodysplastic syndromes	135	0.9	4.2	**2.3**	0.06	0.26	105	0.7	3.4	**1.5**	0.06	0.15	*MDS*
Other and unspecified	275	1.7	8.6	**5.5**	0.26	0.70	287	2.0	9.2	**4.6**	0.25	0.51	*O&U*
All sites	15811		497.1	**326.1**	17.48	39.14	14070		449.5	**274.1**	18.02	30.96	*C00-96*
All sites except C44	15738	100.0	494.8	**324.6**	17.40	38.99	14017	100.0	447.8	**273.0**	17.95	30.85	*C00-96 exc. C44*

*USA, Hawaii: Chinese (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.6	**0.1**	0.00	0.00	*C00*
Tongue	6	0.6	4.0	**2.0**	0.05	0.22	6	0.7	3.4	**2.0**	0.14	0.21	*C01-02*
Mouth	3	0.3	2.0	**1.4**	0.09	0.18	2	0.2	1.1	**0.9**	0.05	0.05	*C03-06*
Salivary glands	0	0.0	0.0	**0.0**	0.00	0.00	2	0.2	1.1	**0.5**	0.04	0.04	*C07-08*
Tonsil	3	0.3	2.0	**1.3**	0.09	0.18	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	1	0.1	0.7	**0.3**	0.00	0.09	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	15	1.6	9.9	**7.6**	0.50	0.85	8	0.9	4.6	**3.4**	0.30	0.30	*C11*
Hypopharynx	1	0.1	0.7	**0.5**	0.07	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	16	1.7	10.6	**5.9**	0.27	0.88	2	0.2	1.1	**0.4**	0.00	0.07	*C15*
Stomach	23	2.4	15.2	**6.1**	0.18	0.79	24	2.7	13.7	**7.1**	0.50	0.64	*C16*
Small intestine	3	0.3	2.0	**0.5**	0.00	0.00	5	0.6	2.9	**1.4**	0.15	0.15	*C17*
Colon	72	7.6	47.5	**24.1**	1.14	3.14	73	8.2	41.8	**16.0**	0.57	1.76	*C18*
Rectum	33	3.5	21.8	**12.9**	1.08	1.51	39	4.4	22.3	**11.2**	0.54	1.25	*C19-20*
Anus	1	0.1	0.7	**0.2**	0.00	0.00	2	0.2	1.1	**0.8**	0.06	0.13	*C21*
Liver	42	4.4	27.7	**16.3**	1.08	1.78	23	2.6	13.2	**6.6**	0.23	0.80	*C22*
Gallbladder etc.	7	0.7	4.6	**2.8**	0.14	0.48	10	1.1	5.7	**1.2**	0.00	0.07	*C23-24*
Pancreas	21	2.2	13.9	**6.8**	0.25	0.86	33	3.7	18.9	**6.4**	0.34	0.62	*C25*
Nose, sinuses etc.	3	0.3	2.0	**1.3**	0.10	0.10	3	0.3	1.7	**1.1**	0.08	0.15	*C30-31*
Larynx	10	1.1	6.6	**3.8**	0.18	0.61	0	0.0	0.0	**0.0**	0.00	0.00	*C32*
Trachea, bronchus and lung	118	12.5	77.9	**36.3**	1.51	4.90	92	10.3	52.7	**22.4**	1.01	2.77	*C33-34*
Other thoracic organs	6	0.6	4.0	**3.6**	0.25	0.25	2	0.2	1.1	**0.8**	0.04	0.12	*C37-38*
Bone	3	0.3	2.0	**2.2**	0.15	0.15	3	0.3	1.7	**1.5**	0.09	0.09	*C40-41*
Melanoma of skin	5	0.5	3.3	**1.3**	0.09	0.09	6	0.7	3.4	**1.6**	0.11	0.11	*C43*
Other skin	3		2.0	**1.4**	0.09	0.18	2		1.1	**0.7**	0.07	0.07	*C44*
Mesothelioma	1	0.1	0.7	**0.2**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.1	0.7	**0.6**	0.05	0.05	1	0.1	0.6	**0.1**	0.00	0.00	*C46*
Connective and soft tissue	6	0.6	4.0	**2.0**	0.09	0.18	4	0.4	2.3	**1.3**	0.05	0.05	*C47+C49*
Breast	0	0.0	0.0	**0.0**	0.00	0.00	271	30.3	155.2	**91.5**	6.87	10.66	*C50*
Vulva							0	0.0	0.0	**0.0**	0.00	0.00	*C51*
Vagina							1	0.1	0.6	**0.1**	0.00	0.00	*C52*
Cervix uteri							12	1.3	6.9	**4.9**	0.43	0.43	*C53*
Corpus uteri							55	6.2	31.5	**17.1**	1.20	1.98	*C54*
Uterus unspecified							0	0.0	0.0	**0.0**	0.00	0.00	*C55*
Ovary							29	3.2	16.6	**9.8**	0.71	1.06	*C56*
Other female genital organs							2	0.2	1.1	**0.5**	0.04	0.04	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	1	0.1	0.7	**0.3**	0.00	0.09							*C60*
Prostate	311	32.9	205.4	**94.2**	3.45	11.98							*C61*
Testis	6	0.6	4.0	**4.2**	0.31	0.31							*C62*
Other male genital organs	0	0.0	0.0	**0.0**	0.00	0.00							*C63*
Kidney	37	3.9	24.4	**12.3**	0.35	1.66	14	1.6	8.0	**4.3**	0.19	0.67	*C64*
Renal pelvis	2	0.2	1.3	**0.3**	0.00	0.00	4	0.4	2.3	**0.6**	0.00	0.07	*C65*
Ureter	4	0.4	2.6	**1.4**	0.07	0.24	2	0.2	1.1	**0.4**	0.00	0.07	*C66*
Bladder	46	4.9	30.4	**12.8**	0.36	1.58	9	1.0	5.2	**1.5**	0.00	0.20	*C67*
Other urinary organs	2	0.2	1.3	**0.7**	0.07	0.07	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.6	**0.1**	0.00	0.00	*C69*
Brain, nervous system	7	0.7	4.6	**2.9**	0.18	0.18	1	0.1	0.6	**0.5**	0.06	0.06	*C70-72*
Thyroid	11	1.2	7.3	**5.1**	0.38	0.56	48	5.4	27.5	**22.5**	1.60	2.24	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	1	0.1	0.6	**0.4**	0.04	0.04	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	2	0.2	1.3	**0.8**	0.06	0.06	3	0.3	1.7	**1.2**	0.11	0.11	*C81*
Non-Hodgkin lymphoma	53	5.6	35.0	**17.0**	0.81	1.85	39	4.4	22.3	**8.8**	0.37	0.93	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	6	0.6	4.0	**1.7**	0.14	0.14	4	0.4	2.3	**0.9**	0.04	0.10	*C90*
Lymphoid leukaemia	12	1.3	7.9	**4.4**	0.30	0.30	8	0.9	4.6	**2.1**	0.12	0.26	*C91*
Myeloid leukaemia	10	1.1	6.6	**3.9**	0.21	0.38	10	1.1	5.7	**1.9**	0.13	0.13	*C92-94*
Leukaemia unspecified	2	0.2	1.3	**1.0**	0.10	0.10	1	0.1	0.6	**0.1**	0.00	0.00	*C95*
Myeloproliferative disorders	5	0.5	3.3	**1.4**	0.11	0.11	6	0.7	3.4	**1.4**	0.09	0.22	*MPD*
Myelodysplastic syndromes	11	1.2	7.3	**2.4**	0.00	0.34	4	0.4	2.3	**1.1**	0.10	0.10	*MDS*
Other and unspecified	17	1.8	11.2	**5.2**	0.09	0.62	28	3.1	16.0	**7.2**	0.49	0.57	*O&U*
All sites	948		626.0	**313.6**	14.45	38.12	896		513.1	**266.4**	16.94	29.37	*C00-96*
All sites except C44	945	100.0	624.1	**312.1**	14.36	37.94	894	100.0	511.9	**265.6**	16.86	29.29	*C00-96 exc. C44*

*See note following population pyramid

*USA, Hawaii: Filipino (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.1	0.4	**0.4**	0.02	0.07	1	0.1	0.2	**0.2**	0.00	0.03	*C00*
Tongue	7	0.3	1.6	**1.3**	0.08	0.17	6	0.3	1.3	**0.9**	0.05	0.14	*C01-02*
Mouth	8	0.4	1.8	**1.6**	0.11	0.24	15	0.8	3.1	**1.9**	0.08	0.18	*C03-06*
Salivary glands	10	0.5	2.2	**2.2**	0.12	0.28	11	0.6	2.3	**1.8**	0.13	0.16	*C07-08*
Tonsil	3	0.1	0.7	**0.4**	0.02	0.02	2	0.1	0.4	**0.4**	0.01	0.05	*C09*
Other oropharynx	3	0.1	0.7	**0.5**	0.05	0.05	0	0.0	0.0	**0.0**	0.00	0.00	*C10*
Nasopharynx	24	1.2	5.4	**4.5**	0.27	0.58	5	0.3	1.0	**0.9**	0.03	0.12	*C11*
Hypopharynx	4	0.2	0.9	**0.4**	0.02	0.02	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	2	0.1	0.4	**0.4**	0.02	0.06	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	18	0.9	4.0	**3.0**	0.15	0.40	1	0.1	0.2	**0.1**	0.00	0.00	*C15*
Stomach	44	2.1	9.9	**7.3**	0.45	0.93	30	1.6	6.3	**3.7**	0.20	0.40	*C16*
Small intestine	7	0.3	1.6	**1.2**	0.08	0.18	2	0.1	0.4	**0.3**	0.04	0.04	*C17*
Colon	154	7.5	34.6	**24.5**	1.14	3.04	132	7.1	27.7	**18.2**	0.88	2.28	*C18*
Rectum	120	5.8	26.9	**22.0**	1.44	2.79	57	3.0	11.9	**8.2**	0.44	1.06	*C19-20*
Anus	4	0.2	0.9	**0.8**	0.08	0.08	2	0.1	0.4	**0.1**	0.00	0.00	*C21*
Liver	64	3.1	14.4	**12.2**	0.69	1.57	26	1.4	5.4	**3.4**	0.17	0.44	*C22*
Gallbladder etc.	18	0.9	4.0	**2.7**	0.08	0.33	18	1.0	3.8	**2.4**	0.13	0.32	*C23-24*
Pancreas	58	2.8	13.0	**9.9**	0.63	1.21	46	2.5	9.6	**6.2**	0.34	0.83	*C25*
Nose, sinuses etc.	9	0.4	2.0	**1.7**	0.11	0.20	5	0.3	1.0	**0.5**	0.03	0.03	*C30-31*
Larynx	13	0.6	2.9	**2.4**	0.16	0.34	3	0.2	0.6	**0.3**	0.00	0.03	*C32*
Trachea, bronchus and lung	389	18.9	87.3	**67.3**	3.58	9.23	213	11.4	44.6	**28.0**	1.31	3.49	*C33-34*
Other thoracic organs	5	0.2	1.1	**1.0**	0.10	0.10	8	0.4	1.7	**1.3**	0.07	0.17	*C37-38*
Bone	4	0.2	0.9	**0.9**	0.08	0.08	3	0.2	0.6	**0.7**	0.03	0.06	*C40-41*
Melanoma of skin	8	0.4	1.8	**1.3**	0.12	0.12	15	0.8	3.1	**2.2**	0.14	0.24	*C43*
Other skin	3		0.7	**0.5**	0.03	0.08	10		2.1	**1.6**	0.06	0.16	*C44*
Mesothelioma	6	0.3	1.3	**1.3**	0.06	0.23	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.0	0.2	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	19	0.9	4.3	**3.3**	0.23	0.37	22	1.2	4.6	**3.6**	0.26	0.35	*C47+C49*
Breast	0	0.0	0.0	**0.0**	0.00	0.00	517	27.7	108.4	**82.1**	6.36	9.34	*C50*
Vulva							5	0.3	1.0	**0.7**	0.03	0.12	*C51*
Vagina							2	0.1	0.4	**0.3**	0.01	0.04	*C52*
Cervix uteri							45	2.4	9.4	**7.0**	0.56	0.62	*C53*
Corpus uteri							132	7.1	27.7	**21.1**	1.72	2.41	*C54*
Uterus unspecified							2	0.1	0.4	**0.3**	0.00	0.07	*C55*
Ovary							56	3.0	11.7	**9.2**	0.68	1.03	*C56*
Other female genital organs							2	0.1	0.4	**0.4**	0.02	0.05	*C57*
Placenta							0	0.0	0.0	**0.0**	0.00	0.00	*C58*
Penis	3	0.1	0.7	**0.4**	0.02	0.02							*C60*
Prostate	580	28.1	130.2	**93.3**	4.32	12.44							*C61*
Testis	12	0.6	2.7	**2.7**	0.19	0.19							*C62*
Other male genital organs	2	0.1	0.4	**0.1**	0.00	0.00							*C63*
Kidney	65	3.2	14.6	**12.7**	0.94	1.58	25	1.3	5.2	**3.7**	0.24	0.46	*C64*
Renal pelvis	2	0.1	0.4	**0.5**	0.06	0.06	1	0.1	0.2	**0.1**	0.00	0.03	*C65*
Ureter	2	0.1	0.4	**0.3**	0.01	0.01	2	0.1	0.4	**0.4**	0.02	0.05	*C66*
Bladder	63	3.1	14.1	**9.4**	0.48	1.24	26	1.4	5.4	**3.2**	0.13	0.43	*C67*
Other urinary organs	1	0.0	0.2	**0.2**	0.00	0.04	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	1	0.0	0.2	**0.2**	0.00	0.04	2	0.1	0.4	**0.3**	0.03	0.03	*C69*
Brain, nervous system	16	0.8	3.6	**2.3**	0.09	0.23	14	0.7	2.9	**2.6**	0.23	0.23	*C70-72*
Thyroid	51	2.5	11.5	**9.3**	0.69	1.03	162	8.7	34.0	**28.1**	2.31	2.64	*C73*
Adrenal gland	2	0.1	0.4	**0.7**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	12	0.6	2.7	**2.4**	0.15	0.19	14	0.7	2.9	**2.7**	0.18	0.18	*C81*
Non-Hodgkin lymphoma	94	4.6	21.1	**14.2**	0.83	1.61	72	3.9	15.1	**10.4**	0.58	1.29	*C82-85,C96*
Immunoproliferative diseases	3	0.1	0.7	**0.5**	0.03	0.08	4	0.2	0.8	**0.5**	0.01	0.05	*C88*
Multiple myeloma	28	1.4	6.3	**4.8**	0.23	0.71	29	1.6	6.1	**4.0**	0.24	0.53	*C90*
Lymphoid leukaemia	15	0.7	3.4	**3.0**	0.12	0.33	15	0.8	3.1	**2.2**	0.13	0.20	*C91*
Myeloid leukaemia	28	1.4	6.3	**5.1**	0.24	0.53	36	1.9	7.5	**5.2**	0.34	0.60	*C92-94*
Leukaemia unspecified	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.4	**0.2**	0.01	0.01	*C95*
Myeloproliferative disorders	22	1.1	4.9	**3.9**	0.27	0.49	31	1.7	6.5	**4.0**	0.23	0.45	*MPD*
Myelodysplastic syndromes	23	1.1	5.2	**3.1**	0.12	0.38	15	0.8	3.1	**2.1**	0.16	0.29	*MDS*
Other and unspecified	34	1.6	7.6	**5.5**	0.27	0.69	35	1.9	7.3	**5.0**	0.25	0.65	*O&U*
All sites	2066		463.9	**349.8**	19.03	44.69	1879		393.8	**282.7**	18.86	32.41	*C00-96*
All sites except C44	2063	100.0	463.2	**349.2**	19.00	44.61	1869	100.0	391.7	**281.1**	18.79	32.25	*C00-96 exc. C44*

*See note following population pyramid

*USA, Hawaii: Hawaiian (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	2	0.1	0.3	**0.4**	0.03	0.06	1	0.0	0.1	**0.2**	0.02	0.02	*C00*
Tongue	26	1.4	3.7	**4.5**	0.26	0.60	8	0.3	1.1	**1.1**	0.09	0.12	*C01-02*
Mouth	8	0.4	1.1	**1.3**	0.08	0.17	6	0.3	0.9	**0.8**	0.08	0.08	*C03-06*
Salivary glands	6	0.3	0.8	**1.0**	0.08	0.12	6	0.3	0.9	**0.8**	0.06	0.09	*C07-08*
Tonsil	7	0.4	1.0	**1.2**	0.09	0.13	3	0.1	0.4	**0.4**	0.04	0.04	*C09*
Other oropharynx	2	0.1	0.3	**0.3**	0.04	0.04	1	0.0	0.1	**0.2**	0.00	0.03	*C10*
Nasopharynx	18	0.9	2.5	**3.0**	0.11	0.41	4	0.2	0.6	**0.6**	0.02	0.11	*C11*
Hypopharynx	6	0.3	0.8	**0.9**	0.06	0.12	0	0.0	0.0	**0.0**	0.00	0.00	*C12-13*
Pharynx unspecified	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	40	2.1	5.6	**6.9**	0.36	1.07	10	0.4	1.4	**1.0**	0.02	0.14	*C15*
Stomach	55	2.9	7.7	**8.6**	0.29	1.26	44	1.9	6.2	**5.6**	0.25	0.77	*C16*
Small intestine	17	0.9	2.4	**2.9**	0.11	0.46	9	0.4	1.3	**1.1**	0.11	0.11	*C17*
Colon	143	7.5	20.1	**24.2**	1.42	3.41	111	4.8	15.7	**14.2**	0.98	1.75	*C18*
Rectum	94	4.9	13.2	**15.2**	1.13	1.92	53	2.3	7.5	**7.0**	0.47	0.89	*C19-20*
Anus	7	0.4	1.0	**0.9**	0.03	0.13	7	0.3	1.0	**1.1**	0.10	0.13	*C21*
Liver	82	4.3	11.5	**13.1**	0.88	1.63	33	1.4	4.7	**4.0**	0.24	0.51	*C22*
Gallbladder etc.	7	0.4	1.0	**1.2**	0.07	0.16	15	0.6	2.1	**1.9**	0.12	0.24	*C23-24*
Pancreas	75	3.9	10.5	**11.8**	0.64	1.53	77	3.3	10.9	**9.0**	0.51	1.07	*C25*
Nose, sinuses etc.	5	0.3	0.7	**0.9**	0.02	0.15	1	0.0	0.1	**0.1**	0.01	0.01	*C30-31*
Larynx	22	1.1	3.1	**3.3**	0.24	0.37	2	0.1	0.3	**0.4**	0.04	0.04	*C32*
Trachea, bronchus and lung	347	18.1	48.8	**58.6**	2.69	8.42	305	13.1	43.3	**39.0**	2.23	5.31	*C33-34*
Other thoracic organs	5	0.3	0.7	**0.7**	0.06	0.06	4	0.2	0.6	**0.5**	0.03	0.05	*C37-38*
Bone	5	0.3	0.7	**0.8**	0.05	0.09	4	0.2	0.6	**0.6**	0.02	0.07	*C40-41*
Melanoma of skin	26	1.4	3.7	**3.9**	0.12	0.45	16	0.7	2.3	**1.9**	0.14	0.19	*C43*
Other skin	7		1.0	**0.9**	0.04	0.09	6		0.9	**0.8**	0.08	0.08	*C44*
Mesothelioma	8	0.4	1.1	**1.2**	0.12	0.12	0	0.0	0.0	**0.0**	0.00	0.00	*C45*
Kaposi sarcoma	1	0.1	0.1	**0.1**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	20	1.0	2.8	**3.0**	0.14	0.35	28	1.2	4.0	**3.6**	0.25	0.37	*C47+C49*
Breast	3	0.2	0.4	**0.5**	0.04	0.09	774	33.3	109.8	**106.4**	8.26	12.76	*C50*
Vulva							9	0.4	1.3	**1.0**	0.06	0.10	*C51*
Vagina							4	0.2	0.6	**0.6**	0.07	0.07	*C52*
Cervix uteri							44	1.9	6.2	**6.4**	0.47	0.68	*C53*
Corpus uteri							211	9.1	29.9	**29.7**	2.42	3.47	*C54*
Uterus unspecified							4	0.2	0.6	**0.3**	0.00	0.03	*C55*
Ovary							64	2.8	9.1	**8.3**	0.58	1.00	*C56*
Other female genital organs							7	0.3	1.0	**0.8**	0.05	0.09	*C57*
Placenta							2	0.1	0.3	**0.3**	0.02	0.02	*C58*
Penis	4	0.2	0.6	**0.6**	0.03	0.07							*C60*
Prostate	389	20.3	54.7	**67.9**	2.76	10.05							*C61*
Testis	23	1.2	3.2	**3.2**	0.24	0.24							*C62*
Other male genital organs	1	0.1	0.1	**0.1**	0.01	0.01							*C63*
Kidney	78	4.1	11.0	**12.9**	0.81	1.70	45	1.9	6.4	**5.9**	0.40	0.76	*C64*
Renal pelvis	4	0.2	0.6	**0.5**	0.03	0.03	1	0.0	0.1	**0.1**	0.00	0.00	*C65*
Ureter	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.3	**0.2**	0.02	0.02	*C66*
Bladder	70	3.6	9.8	**11.2**	0.40	1.57	39	1.7	5.5	**4.7**	0.26	0.60	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C68*
Eye	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.3	**0.3**	0.01	0.03	*C69*
Brain, nervous system	28	1.5	3.9	**4.1**	0.26	0.34	23	1.0	3.3	**3.3**	0.25	0.31	*C70-72*
Thyroid	29	1.5	4.1	**4.5**	0.28	0.51	92	4.0	13.0	**13.1**	1.01	1.31	*C73*
Adrenal gland	4	0.2	0.6	**0.6**	0.03	0.03	2	0.1	0.3	**0.3**	0.02	0.02	*C74*
Other endocrine	4	0.2	0.6	**0.6**	0.05	0.05	1	0.0	0.1	**0.1**	0.02	0.02	*C75*
Hodgkin lymphoma	14	0.7	2.0	**2.0**	0.16	0.16	16	0.7	2.3	**2.4**	0.16	0.16	*C81*
Non-Hodgkin lymphoma	72	3.8	10.1	**11.2**	0.67	1.36	58	2.5	8.2	**7.0**	0.46	0.88	*C82-85,C96*
Immunoproliferative diseases	0	0.0	0.0	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C88*
Multiple myeloma	28	1.5	3.9	**4.3**	0.27	0.57	28	1.2	4.0	**3.5**	0.21	0.45	*C90*
Lymphoid leukaemia	29	1.5	4.1	**4.4**	0.27	0.49	26	1.1	3.7	**3.7**	0.21	0.37	*C91*
Myeloid leukaemia	30	1.6	4.2	**4.4**	0.24	0.45	27	1.2	3.8	**3.6**	0.22	0.39	*C92-94*
Leukaemia unspecified	2	0.1	0.3	**0.3**	0.02	0.02	2	0.1	0.3	**0.3**	0.02	0.05	*C95*
Myeloproliferative disorders	17	0.9	2.4	**2.8**	0.21	0.36	18	0.8	2.6	**2.3**	0.14	0.31	*MPD*
Myelodysplastic syndromes	11	0.6	1.5	**1.6**	0.03	0.19	18	0.8	2.6	**1.7**	0.06	0.15	*MDS*
Other and unspecified	45	2.3	6.3	**7.5**	0.38	1.00	60	2.6	8.5	**6.7**	0.43	0.67	*O&U*
All sites	1926		270.7	**316.0**	16.34	42.59	2333		330.9	**309.0**	21.74	36.95	*C00-96*
All sites except C44	1919	100.0	269.7	**315.1**	16.30	42.50	2327	100.0	330.0	**308.2**	21.66	36.87	*C00-96 exc. C44*

*See note following population pyramid

*USA, Hawaii: Japanese (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	4	0.1	0.7	**0.3**	0.02	0.04	1	0.0	0.2	**0.0**	0.00	0.00	*C00*
Tongue	41	1.0	6.9	**3.6**	0.23	0.40	29	0.8	4.5	**1.6**	0.10	0.14	*C01-02*
Mouth	11	0.3	1.9	**0.9**	0.04	0.10	17	0.5	2.6	**0.7**	0.02	0.09	*C03-06*
Salivary glands	12	0.3	2.0	**1.1**	0.07	0.12	9	0.2	1.4	**0.9**	0.06	0.10	*C07-08*
Tonsil	10	0.2	1.7	**0.9**	0.08	0.10	0	0.0	0.0	**0.0**	0.00	0.00	*C09*
Other oropharynx	3	0.1	0.5	**0.2**	0.02	0.02	1	0.0	0.2	**0.1**	0.01	0.01	*C10*
Nasopharynx	4	0.1	0.7	**0.4**	0.02	0.06	3	0.1	0.5	**0.1**	0.01	0.01	*C11*
Hypopharynx	11	0.3	1.9	**0.9**	0.04	0.10	4	0.1	0.6	**0.3**	0.01	0.03	*C12-13*
Pharynx unspecified	2	0.0	0.3	**0.4**	0.03	0.03	1	0.0	0.2	**0.1**	0.01	0.01	*C14*
Oesophagus	73	1.7	12.3	**5.5**	0.32	0.67	13	0.3	2.0	**0.8**	0.03	0.12	*C15*
Stomach	246	5.8	41.4	**15.1**	0.47	1.71	152	4.0	23.5	**5.3**	0.18	0.54	*C16*
Small intestine	11	0.3	1.9	**0.8**	0.03	0.10	12	0.3	1.9	**0.6**	0.03	0.07	*C17*
Colon	412	9.6	69.4	**29.0**	1.50	3.12	443	11.7	68.6	**21.7**	1.17	2.43	*C18*
Rectum	244	5.7	41.1	**20.6**	1.34	2.47	139	3.7	21.5	**8.1**	0.48	0.91	*C19-20*
Anus	2	0.0	0.3	**0.2**	0.01	0.01	3	0.1	0.5	**0.2**	0.00	0.03	*C21*
Liver	112	2.6	18.9	**7.9**	0.40	0.87	83	2.2	12.8	**3.8**	0.13	0.50	*C22*
Gallbladder etc.	39	0.9	6.6	**2.5**	0.13	0.26	36	1.0	5.6	**1.1**	0.02	0.12	*C23-24*
Pancreas	165	3.9	27.8	**10.6**	0.54	1.14	160	4.2	24.8	**6.1**	0.19	0.70	*C25*
Nose, sinuses etc.	6	0.1	1.0	**0.5**	0.00	0.09	6	0.2	0.9	**0.6**	0.05	0.06	*C30-31*
Larynx	36	0.8	6.1	**2.8**	0.13	0.34	4	0.1	0.6	**0.2**	0.01	0.02	*C32*
Trachea, bronchus and lung	575	13.4	96.8	**36.6**	1.52	4.21	346	9.2	53.6	**15.9**	0.58	2.06	*C33-34*
Other thoracic organs	7	0.2	1.2	**1.0**	0.06	0.11	4	0.1	0.6	**0.1**	0.00	0.01	*C37-38*
Bone	3	0.1	0.5	**0.3**	0.01	0.05	6	0.2	0.9	**0.6**	0.04	0.04	*C40-41*
Melanoma of skin	23	0.5	3.9	**2.0**	0.13	0.22	21	0.6	3.3	**1.8**	0.14	0.16	*C43*
Other skin	19		3.2	**1.4**	0.07	0.11	10		1.5	**0.5**	0.04	0.07	*C44*
Mesothelioma	11	0.3	1.9	**0.6**	0.01	0.05	3	0.1	0.5	**0.4**	0.04	0.04	*C45*
Kaposi sarcoma	1	0.0	0.2	**0.1**	0.01	0.01	0	0.0	0.0	**0.0**	0.00	0.00	*C46*
Connective and soft tissue	21	0.5	3.5	**1.5**	0.07	0.09	21	0.6	3.3	**1.3**	0.07	0.14	*C47+C49*
Breast	6	0.1	1.0	**0.4**	0.02	0.04	1202	31.9	186.1	**86.5**	6.23	10.04	*C50*
Vulva							22	0.6	3.4	**0.9**	0.05	0.10	*C51*
Vagina							3	0.1	0.5	**0.1**	0.01	0.01	*C52*
Cervix uteri							45	1.2	7.0	**4.0**	0.34	0.39	*C53*
Corpus uteri							229	6.1	35.4	**19.8**	1.63	2.20	*C54*
Uterus unspecified							1	0.0	0.2	**0.0**	0.00	0.00	*C55*
Ovary							103	2.7	15.9	**7.5**	0.49	0.76	*C56*
Other female genital organs							4	0.1	0.6	**0.2**	0.01	0.01	*C57*
Placenta							1	0.0	0.2	**0.1**	0.01	0.01	*C58*
Penis	2	0.0	0.3	**0.2**	0.00	0.02							*C60*
Prostate	1322	30.9	222.6	**86.1**	3.43	10.42							*C61*
Testis	24	0.6	4.0	**4.1**	0.31	0.31							*C62*
Other male genital organs	10	0.2	1.7	**0.9**	0.07	0.13							*C63*
Kidney	110	2.6	18.5	**9.4**	0.62	1.09	84	2.2	13.0	**5.1**	0.31	0.59	*C64*
Renal pelvis	12	0.3	2.0	**0.8**	0.01	0.11	11	0.3	1.7	**0.4**	0.02	0.04	*C65*
Ureter	10	0.2	1.7	**0.5**	0.01	0.03	13	0.3	2.0	**0.4**	0.00	0.03	*C66*
Bladder	235	5.5	39.6	**15.1**	0.57	1.71	57	1.5	8.8	**2.1**	0.10	0.19	*C67*
Other urinary organs	3	0.1	0.5	**0.3**	0.01	0.03	2	0.1	0.3	**0.1**	0.00	0.01	*C68*
Eye	3	0.1	0.5	**0.2**	0.02	0.02	5	0.1	0.8	**0.3**	0.03	0.03	*C69*
Brain, nervous system	15	0.4	2.5	**1.8**	0.09	0.15	28	0.7	4.3	**2.4**	0.13	0.23	*C70-72*
Thyroid	25	0.6	4.2	**2.8**	0.20	0.26	92	2.4	14.2	**9.2**	0.68	0.92	*C73*
Adrenal gland	1	0.0	0.2	**0.0**	0.00	0.00	0	0.0	0.0	**0.0**	0.00	0.00	*C74*
Other endocrine	2	0.0	0.3	**0.7**	0.03	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C75*
Hodgkin lymphoma	11	0.3	1.9	**1.1**	0.06	0.06	5	0.1	0.8	**0.4**	0.02	0.02	*C81*
Non-Hodgkin lymphoma	147	3.4	24.8	**9.4**	0.46	0.92	134	3.6	20.7	**7.3**	0.43	0.88	*C82-85,C96*
Immunoproliferative diseases	3	0.1	0.5	**0.2**	0.01	0.03	2	0.1	0.3	**0.2**	0.01	0.03	*C88*
Multiple myeloma	31	0.7	5.2	**2.2**	0.08	0.27	28	0.7	4.3	**1.2**	0.07	0.13	*C90*
Lymphoid leukaemia	13	0.3	2.2	**1.5**	0.06	0.12	28	0.7	4.3	**3.0**	0.17	0.23	*C91*
Myeloid leukaemia	62	1.4	10.4	**5.0**	0.26	0.49	33	0.9	5.1	**2.5**	0.17	0.20	*C92-94*
Leukaemia unspecified	4	0.1	0.7	**0.3**	0.01	0.03	4	0.1	0.6	**0.2**	0.00	0.03	*C95*
Myeloproliferative disorders	18	0.4	3.0	**1.4**	0.09	0.16	20	0.5	3.1	**1.5**	0.12	0.17	*MPD*
Myelodysplastic syndromes	52	1.2	8.8	**3.0**	0.07	0.30	32	0.8	5.0	**1.2**	0.04	0.12	*MDS*
Other and unspecified	70	1.6	11.8	**4.3**	0.13	0.49	66	1.8	10.2	**3.2**	0.15	0.36	*O&U*
All sites	4295		723.2	**299.1**	13.98	33.86	3781		585.2	**232.8**	14.64	26.15	*C00-96*
All sites except C44	4276	100.0	720.0	**297.7**	13.91	33.74	3771	100.0	583.7	**232.3**	14.60	26.08	*C00-96 exc. C44*

*See note following population pyramid

*USA, Hawaii: White (2003-2007)

SITE	Male No. cases	Male Freq. (%)	Male Crude rate (per 100,000)	Male ASR world	Male Cum. rates 0-64 (%)	Male Cum. rates 0-74	Female No. cases	Female Freq. (%)	Female Crude rate (per 100,000)	Female ASR world	Female Cum. rates 0-64 (%)	Female Cum. rates 0-74	ICD-10
Lip	12	0.2	1.4	**1.1**	0.06	0.14	5	0.1	0.7	**0.4**	0.04	0.04	*C00*
Tongue	84	1.6	10.1	**6.4**	0.47	0.75	34	0.9	4.7	**2.5**	0.16	0.32	*C01-02*
Mouth	32	0.6	3.8	**2.5**	0.16	0.27	18	0.5	2.5	**1.3**	0.04	0.19	*C03-06*
Salivary glands	20	0.4	2.4	**1.7**	0.09	0.22	8	0.2	1.1	**0.7**	0.04	0.06	*C07-08*
Tonsil	51	0.9	6.1	**4.0**	0.33	0.49	10	0.3	1.4	**0.9**	0.06	0.13	*C09*
Other oropharynx	12	0.2	1.4	**0.9**	0.06	0.08	3	0.1	0.4	**0.3**	0.01	0.05	*C10*
Nasopharynx	6	0.1	0.7	**0.5**	0.04	0.04	3	0.1	0.4	**0.2**	0.01	0.03	*C11*
Hypopharynx	9	0.2	1.1	**0.7**	0.03	0.08	2	0.1	0.3	**0.1**	0.01	0.01	*C12-13*
Pharynx unspecified	3	0.1	0.4	**0.2**	0.01	0.03	0	0.0	0.0	**0.0**	0.00	0.00	*C14*
Oesophagus	67	1.2	8.0	**4.8**	0.28	0.55	14	0.4	2.0	**0.8**	0.03	0.09	*C15*
Stomach	86	1.6	10.3	**6.1**	0.19	0.69	37	0.9	5.2	**2.4**	0.10	0.27	*C16*
Small intestine	18	0.3	2.2	**1.5**	0.08	0.20	13	0.3	1.8	**0.8**	0.03	0.09	*C17*
Colon	341	6.3	40.8	**24.4**	1.24	2.91	270	6.9	37.6	**18.3**	0.85	2.18	*C18*
Rectum	170	3.2	20.4	**13.0**	0.95	1.56	78	2.0	10.9	**6.3**	0.34	0.77	*C19-20*
Anus	22	0.4	2.6	**1.6**	0.12	0.21	17	0.4	2.4	**1.3**	0.09	0.15	*C21*
Liver	110	2.0	13.2	**8.6**	0.62	1.00	27	0.7	3.8	**2.1**	0.10	0.27	*C22*
Gallbladder etc.	29	0.5	3.5	**2.1**	0.12	0.26	16	0.4	2.2	**1.0**	0.07	0.11	*C23-24*
Pancreas	110	2.0	13.2	**7.7**	0.32	0.88	90	2.3	12.5	**6.3**	0.27	0.79	*C25*
Nose, sinuses etc.	9	0.2	1.1	**0.7**	0.02	0.09	7	0.2	1.0	**0.5**	0.03	0.07	*C30-31*
Larynx	62	1.2	7.4	**4.9**	0.31	0.66	11	0.3	1.5	**0.9**	0.03	0.14	*C32*
Trachea, bronchus and lung	630	11.7	75.4	**45.1**	1.98	5.55	484	12.3	67.4	**34.7**	1.59	4.52	*C33-34*
Other thoracic organs	3	0.1	0.4	**0.3**	0.01	0.05	6	0.2	0.8	**0.7**	0.04	0.06	*C37-38*
Bone	7	0.1	0.8	**0.5**	0.04	0.04	5	0.1	0.7	**1.0**	0.06	0.06	*C40-41*
Melanoma of skin	704	13.1	84.3	**55.3**	3.53	6.24	417	10.6	58.1	**36.9**	2.77	3.80	*C43*
Other skin	34		4.1	**2.6**	0.11	0.26	20		2.8	**1.7**	0.12	0.18	*C44*
Mesothelioma	13	0.2	1.6	**0.9**	0.01	0.08	4	0.1	0.6	**0.4**	0.01	0.08	*C45*
Kaposi sarcoma	18	0.3	2.2	**1.5**	0.12	0.12	2	0.1	0.3	**0.1**	0.01	0.01	*C46*
Connective and soft tissue	50	0.9	6.0	**4.1**	0.29	0.35	28	0.7	3.9	**2.5**	0.15	0.24	*C47+C49*
Breast	15	0.3	1.8	**1.2**	0.06	0.13	1167	29.6	162.6	**98.1**	6.80	12.04	*C50*
Vulva							24	0.6	3.3	**2.1**	0.16	0.24	*C51*
Vagina							8	0.2	1.1	**0.5**	0.04	0.04	*C52*
Cervix uteri							57	1.4	7.9	**5.3**	0.42	0.49	*C53*
Corpus uteri							231	5.9	32.2	**18.3**	1.33	2.19	*C54*
Uterus unspecified							3	0.1	0.4	**0.2**	0.01	0.01	*C55*
Ovary							112	2.8	15.6	**8.6**	0.63	1.00	*C56*
Other female genital organs							8	0.2	1.1	**0.7**	0.05	0.09	*C57*
Placenta							1	0.0	0.1	**0.1**	0.01	0.01	*C58*
Penis	9	0.2	1.1	**0.5**	0.02	0.04							*C60*
Prostate	1330	24.8	159.3	**101.2**	4.99	13.45							*C61*
Testis	84	1.6	10.1	**8.2**	0.61	0.63							*C62*
Other male genital organs	4	0.1	0.5	**0.4**	0.01	0.05							*C63*
Kidney	158	2.9	18.9	**13.1**	0.83	1.59	57	1.4	7.9	**5.1**	0.40	0.50	*C64*
Renal pelvis	10	0.2	1.2	**0.9**	0.03	0.13	10	0.3	1.4	**0.8**	0.01	0.14	*C65*
Ureter	5	0.1	0.6	**0.3**	0.00	0.05	2	0.1	0.3	**0.1**	0.00	0.02	*C66*
Bladder	344	6.4	41.2	**24.3**	0.96	2.95	99	2.5	13.8	**6.7**	0.32	0.81	*C67*
Other urinary organs	0	0.0	0.0	**0.0**	0.00	0.00	1	0.0	0.1	**0.1**	0.01	0.01	*C68*
Eye	10	0.2	1.2	**0.8**	0.06	0.08	3	0.1	0.4	**0.2**	0.02	0.02	*C69*
Brain, nervous system	63	1.2	7.5	**5.9**	0.45	0.58	44	1.1	6.1	**4.3**	0.31	0.44	*C70-72*
Thyroid	49	0.9	5.9	**4.2**	0.36	0.39	110	2.8	15.3	**11.8**	0.91	1.07	*C73*
Adrenal gland	0	0.0	0.0	**0.0**	0.00	0.00	2	0.1	0.3	**0.4**	0.02	0.02	*C74*
Other endocrine	1	0.0	0.1	**0.3**	0.01	0.01	1	0.0	0.1	**0.1**	0.01	0.01	*C75*
Hodgkin lymphoma	26	0.5	3.1	**2.4**	0.16	0.19	21	0.5	2.9	**2.9**	0.19	0.21	*C81*
Non-Hodgkin lymphoma	214	4.0	25.6	**16.4**	0.97	1.87	121	3.1	16.9	**9.4**	0.51	1.12	*C82-85,C96*
Immunoproliferative diseases	9	0.2	1.1	**0.6**	0.04	0.06	5	0.1	0.7	**0.3**	0.01	0.04	*C88*
Multiple myeloma	66	1.2	7.9	**4.8**	0.21	0.54	35	0.9	4.9	**2.4**	0.12	0.27	*C90*
Lymphoid leukaemia	95	1.8	11.4	**7.9**	0.44	0.85	33	0.8	4.6	**2.4**	0.13	0.28	*C91*
Myeloid leukaemia	50	0.9	6.0	**3.6**	0.16	0.44	40	1.0	5.6	**4.2**	0.24	0.39	*C92-94*
Leukaemia unspecified	5	0.1	0.6	**0.3**	0.00	0.02	4	0.1	0.6	**0.3**	0.01	0.01	*C95*
Myeloproliferative disorders	23	0.4	2.8	**1.6**	0.07	0.19	24	0.6	3.3	**1.6**	0.08	0.17	*MPD*
Myelodysplastic syndromes	33	0.6	4.0	**2.3**	0.04	0.26	30	0.8	4.2	**1.7**	0.04	0.20	*MDS*
Other and unspecified	90	1.7	10.8	**6.9**	0.35	0.96	77	2.0	10.7	**4.9**	0.21	0.62	*O&U*
All sites	5405		647.2	**411.8**	22.41	49.26	3959		551.6	**318.7**	20.04	37.20	*C00-96*
All sites except C44	5371	100.0	643.1	**409.2**	22.30	49.00	3939	100.0	548.9	**316.9**	19.93	37.02	*C00-96 exc. C44*

*See note following population pyramid

Age-standardized and cumulative incidence rates and standard errors

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Head and neck (C00-14,C30-32)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	373	**14.8**	*0.82*	–	-	121	**4.2**	*0.41*	–	-
Egypt, Gharbiah	531	**7.5**	*0.34*	0.90	*0.05*	244	**3.2**	*0.21*	0.36	*0.03*
*Libya, Benghazi	136	**10.6**	*0.94*	1.23	*0.14*	56	**3.9**	*0.56*	0.45	*0.08*
*Malawi, Blantyre	51	**4.5**	*0.82*	0.54	*0.12*	41	**3.9**	*0.71*	0.50	*0.11*
*South Africa, PROMEC	130	**8.8**	*0.79*	1.05	*0.10*	40	**1.5**	*0.25*	0.16	*0.03*
*Tunisia, North	924	**13.2**	*0.44*	1.54	*0.06*	290	**4.1**	*0.24*	0.44	*0.03*
*Uganda, Kyadondo County	146	**10.5**	*1.09*	1.22	*0.16*	92	**5.7**	*0.72*	0.69	*0.10*
*Zimbabwe, Harare: African	104	**9.9**	*1.10*	1.13	*0.16*	49	**4.7**	*0.80*	0.49	*0.11*
America, Central and South										
Argentina, Bahía Blanca	106	**13.0**	*1.31*	1.61	*0.18*	35	**2.7**	*0.54*	0.27	*0.06*
Argentina, Córdoba	324	**12.5**	*0.70*	1.54	*0.10*	114	**3.1**	*0.31*	0.38	*0.04*
Argentina, Mendoza	457	**10.8**	*0.52*	1.29	*0.07*	147	**2.9**	*0.25*	0.31	*0.03*
*Argentina, Tierra del Fuego	17	**8.6**	*2.23*	0.93	*0.28*	7	**2.9**	*1.14*	0.30	*0.18*
Brazil, Aracaju	188	**32.4**	*2.45*	4.06	*0.36*	53	**5.9**	*0.84*	0.66	*0.12*
Brazil, Belo Horizonte	745	**28.1**	*1.05*	3.35	*0.15*	220	**5.7**	*0.39*	0.63	*0.05*
Brazil, Cuiabá	258	**28.0**	*1.83*	3.22	*0.25*	76	**7.0**	*0.84*	0.77	*0.12*
Brazil, Fortaleza	726	**25.2**	*0.96*	3.00	*0.14*	242	**5.5**	*0.37*	0.60	*0.05*
Brazil, Goiânia	631	**30.6**	*1.25*	3.72	*0.18*	219	**7.9**	*0.55*	0.87	*0.08*
*Brazil, São Paulo	7332	**33.2**	*0.41*	3.97	*0.06*	2458	**8.1**	*0.17*	0.87	*0.02*
Chile, Region of Antofagasta	94	**8.2**	*0.87*	0.96	*0.13*	50	**3.9**	*0.56*	0.45	*0.08*
Chile, Bío Bío Province	26	**2.5**	*0.49*	0.32	*0.08*	17	**1.6**	*0.40*	0.16	*0.05*
Chile, Valdivia	51	**5.1**	*0.73*	0.65	*0.11*	17	**1.3**	*0.34*	0.11	*0.04*
Colombia, Bucaramanga	197	**9.6**	*0.70*	1.16	*0.10*	106	**3.8**	*0.38*	0.41	*0.05*
Colombia, Cali	451	**10.8**	*0.53*	1.33	*0.08*	266	**4.7**	*0.29*	0.54	*0.04*
Colombia, Manizales	82	**9.3**	*1.04*	1.15	*0.15*	43	**3.5**	*0.55*	0.34	*0.06*
Colombia, Pasto	30	**4.1**	*0.77*	0.54	*0.11*	25	**2.6**	*0.52*	0.27	*0.07*
Costa Rica	756	**8.3**	*0.31*	0.96	*0.05*	266	**2.6**	*0.17*	0.28	*0.02*
Cuba, Villa Clara	577	**23.9**	*1.04*	2.91	*0.14*	147	**5.6**	*0.50*	0.62	*0.07*
Ecuador, Cuenca	30	**3.5**	*0.67*	0.41	*0.09*	20	**1.8**	*0.43*	0.23	*0.06*
Ecuador, Quito	106	**3.6**	*0.36*	0.38	*0.05*	107	**2.8**	*0.28*	0.30	*0.04*
*France, Martinique	229	**17.6**	*1.20*	2.15	*0.16*	34	**2.0**	*0.38*	0.20	*0.04*
*Jamaica, Kingston and St Andrew	129	**9.9**	*0.89*	1.34	*0.14*	41	**2.6**	*0.42*	0.35	*0.06*
USA, Puerto Rico	2090	**16.3**	*0.37*	1.98	*0.05*	512	**3.2**	*0.15*	0.35	*0.02*
Uruguay	1090	**17.8**	*0.56*	2.20	*0.08*	272	**3.3**	*0.22*	0.35	*0.03*
America, North										
Canada	16465	**13.9**	*0.11*	1.69	*0.02*	6781	**5.0**	*0.07*	0.58	*0.01*
Canada, Alberta	1217	**11.4**	*0.34*	1.41	*0.05*	557	**4.6**	*0.21*	0.53	*0.03*
Canada, British Columbia	1944	**12.0**	*0.28*	1.44	*0.04*	854	**4.7**	*0.17*	0.53	*0.02*
Canada, Manitoba	635	**14.5**	*0.60*	1.73	*0.09*	270	**5.0**	*0.34*	0.60	*0.05*
Canada, New Brunswick	438	**14.6**	*0.72*	1.78	*0.11*	146	**4.2**	*0.38*	0.48	*0.05*
Canada, Newfoundland and Labrador	308	**15.3**	*0.89*	1.90	*0.13*	88	**4.0**	*0.47*	0.42	*0.06*
*Canada, Northwest Territories	26	**24.4**	*5.03*	2.63	*0.66*	7	**8.8**	*3.57*	1.51	*0.69*
Canada, Nova Scotia	566	**15.6**	*0.67*	1.95	*0.09*	195	**4.5**	*0.35*	0.52	*0.05*
Canada, Ontario	6283	**14.0**	*0.18*	1.67	*0.03*	2683	**5.2**	*0.11*	0.60	*0.01*
Canada, Prince Edward Island	72	**13.7**	*1.66*	1.67	*0.23*	33	**5.0**	*0.94*	0.63	*0.14*
*Canada, Quebec	4517	**15.5**	*0.24*	1.92	*0.03*	1744	**5.2**	*0.14*	0.62	*0.02*
Canada, Saskatchewan	450	**12.1**	*0.60*	1.55	*0.09*	197	**4.5**	*0.37*	0.51	*0.05*
*Canada, Yukon	9	**9.3**	*3.30*	1.26	*0.54*	7	**7.5**	*2.92*	1.02	*0.46*
USA, NPCR (42 states)	149849	**17.1**	*0.05*	2.08	*0.01*	59495	**5.7**	*0.03*	0.67	*0.00*
USA, NPCR (42 states): American Indian	697	**10.6**	*0.41*	1.31	*0.06*	307	**4.1**	*0.24*	0.47	*0.03*
USA, NPCR (42 states): Asian and Pacific Islander	2558	**7.9**	*0.16*	0.89	*0.02*	1389	**3.6**	*0.10*	0.38	*0.01*
USA, NPCR (42 states): Black	17140	**21.0**	*0.16*	2.60	*0.02*	6323	**5.8**	*0.08*	0.67	*0.01*
USA, NPCR (42 states): White	127469	**16.8**	*0.05*	2.04	*0.01*	50547	**5.7**	*0.03*	0.67	*0.00*
USA, SEER (9 registries)	14330	**15.8**	*0.14*	1.93	*0.02*	6075	**5.6**	*0.08*	0.65	*0.01*
*USA, SEER (9 registries): Black	1551	**20.2**	*0.53*	2.58	*0.08*	650	**6.2**	*0.25*	0.72	*0.03*
*USA, SEER (9 registries): White	11608	**15.7**	*0.15*	1.92	*0.02*	4849	**5.5**	*0.09*	0.65	*0.01*
USA, SEER (18 registries)	42043	**16.2**	*0.08*	1.97	*0.01*	17175	**5.5**	*0.04*	0.64	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	2145	**9.9**	*0.22*	1.14	*0.03*	1107	**4.2**	*0.13*	0.45	*0.02*
*USA, SEER (18 registries): Black	4654	**20.5**	*0.31*	2.59	*0.05*	1778	**5.9**	*0.14*	0.67	*0.02*
*USA, SEER (18 registries): Hispanic White	2832	**10.1**	*0.20*	1.22	*0.03*	1164	**3.4**	*0.10*	0.37	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	31830	**17.2**	*0.10*	2.09	*0.01*	12824	**5.8**	*0.06*	0.69	*0.01*
*USA, SEER (18 registries): White	34662	**16.2**	*0.09*	1.97	*0.01*	13988	**5.5**	*0.05*	0.65	*0.01*
USA, Alabama	3351	**21.6**	*0.38*	2.64	*0.05*	1218	**6.4**	*0.20*	0.74	*0.03*
USA, Alabama: Black	686	**23.7**	*0.93*	2.88	*0.13*	242	**6.0**	*0.41*	0.68	*0.05*
USA, Alabama: White	2632	**21.2**	*0.42*	2.59	*0.06*	961	**6.5**	*0.23*	0.75	*0.03*
USA, Alaska	309	**16.8**	*0.99*	2.22	*0.16*	90	**4.8**	*0.53*	0.56	*0.08*
*USA, Alaska: American Indian	49	**20.6**	*3.01*	2.77	*0.45*	25	**9.2**	*1.90*	0.96	*0.24*
USA, Arizona	2618	**13.1**	*0.27*	1.63	*0.04*	1061	**4.6**	*0.15*	0.54	*0.02*
USA, Arizona: American Indian	35	**5.9**	*1.01*	0.68	*0.13*	22	**2.9**	*0.64*	0.33	*0.08*
USA, Arizona: Asian and Pacific Islander	23	**6.2**	*1.34*	0.68	*0.18*	13	**2.8**	*0.78*	0.32	*0.10*
USA, Arizona: Black	56	**11.4**	*1.56*	1.36	*0.22*	25	**4.4**	*0.91*	0.49	*0.12*
USA, Arizona: White	2451	**13.3**	*0.28*	1.65	*0.04*	982	**4.6**	*0.16*	0.54	*0.02*
USA, Arkansas	1844	**19.0**	*0.45*	2.23	*0.06*	740	**6.3**	*0.25*	0.74	*0.03*
USA, Arkansas: Black	180	**17.9**	*1.37*	2.14	*0.19*	63	**4.5**	*0.60*	0.48	*0.07*
USA, Arkansas: White	1644	**19.1**	*0.49*	2.25	*0.06*	670	**6.5**	*0.27*	0.78	*0.04*
USA, California	15798	**14.4**	*0.12*	1.74	*0.02*	6706	**5.2**	*0.07*	0.60	*0.01*
USA, California: American Indian	70	**6.1**	*0.75*	0.81	*0.12*	33	**2.5**	*0.45*	0.34	*0.07*
USA, California: Asian and Pacific Islander	1258	**9.0**	*0.26*	1.00	*0.03*	697	**4.1**	*0.16*	0.43	*0.02*
USA, California: Black	1041	**16.3**	*0.52*	2.06	*0.08*	448	**5.6**	*0.27*	0.64	*0.04*
USA, California: White	13123	**14.9**	*0.13*	1.81	*0.02*	5395	**5.2**	*0.08*	0.61	*0.01*
USA, California, Los Angeles County	3614	**13.0**	*0.22*	1.58	*0.03*	1588	**4.6**	*0.12*	0.53	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander	409	**9.5**	*0.48*	1.08	*0.06*	216	**4.0**	*0.29*	0.45	*0.04*
*USA, California, Los Angeles County: Black	452	**17.2**	*0.82*	2.10	*0.11*	191	**5.3**	*0.40*	0.61	*0.05*
*USA, California, Los Angeles County: Chinese	149	**11.7**	*1.00*	1.34	*0.13*	73	**4.9**	*0.61*	0.56	*0.08*
*USA, California, Los Angeles County: Filipino	88	**10.3**	*1.13*	1.14	*0.15*	59	**4.8**	*0.66*	0.49	*0.08*
*USA, California, Los Angeles County: Hispanic White	677	**9.0**	*0.36*	1.09	*0.05*	338	**3.3**	*0.19*	0.37	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Head and neck (C00-14,C30-32) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	33	**6.5**	*1.32*	0.74	*0.17*	15	**2.3**	*0.68*	0.24	*0.08*
*USA, California, Los Angeles County: Korean	51	**8.3**	*1.18*	1.06	*0.17*	18	**2.4**	*0.57*	0.27	*0.08*
*USA, California, Los Angeles County: Non−Hispanic White	2029	**16.0**	*0.38*	1.95	*0.05*	822	**5.6**	*0.22*	0.65	*0.03*
*USA, California, Los Angeles County: White	2706	**13.2**	*0.26*	1.61	*0.04*	1160	**4.6**	*0.15*	0.53	*0.02*
USA, California, San Francisco Bay Area	2041	**14.3**	*0.33*	1.72	*0.05*	993	**6.0**	*0.21*	0.69	*0.03*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	372	**12.3**	*0.65*	1.38	*0.09*	181	**5.0**	*0.39*	0.51	*0.05*
*USA, California, San Francisco Bay Area: Black	191	**16.4**	*1.21*	2.06	*0.18*	102	**7.2**	*0.75*	0.82	*0.10*
*USA, California, San Francisco Bay Area: Hispanic White	148	**10.3**	*0.89*	1.25	*0.14*	64	**3.7**	*0.49*	0.45	*0.07*
*USA, California, San Francisco Bay Area: Non−Hispanic White	1294	**15.2**	*0.44*	1.84	*0.06*	628	**6.4**	*0.29*	0.77	*0.04*
*USA, California, San Francisco Bay Area: White	1442	**14.4**	*0.40*	1.75	*0.06*	692	**6.0**	*0.25*	0.72	*0.04*
USA, Colorado	1890	**12.9**	*0.31*	1.57	*0.04*	814	**4.9**	*0.18*	0.58	*0.03*
USA, Colorado: Asian and Pacific Islander	24	**7.0**	*1.51*	0.72	*0.19*	13	**3.7**	*1.06*	0.52	*0.16*
USA, Colorado: Black	63	**13.6**	*1.77*	1.82	*0.27*	16	**3.1**	*0.79*	0.35	*0.10*
USA, Colorado: White	1764	**12.9**	*0.31*	1.56	*0.05*	763	**4.9**	*0.19*	0.58	*0.03*
USA, Connecticut	2020	**16.5**	*0.38*	2.01	*0.05*	842	**5.5**	*0.21*	0.63	*0.03*
*USA, Connecticut: Black	186	**24.1**	*1.80*	3.26	*0.28*	67	**6.2**	*0.77*	0.71	*0.10*
*USA, Connecticut: White	1786	**16.0**	*0.39*	1.94	*0.06*	753	**5.3**	*0.22*	0.62	*0.03*
USA, Delaware	536	**18.8**	*0.83*	2.35	*0.11*	200	**5.6**	*0.43*	0.68	*0.06*
USA, Delaware: Black	106	**25.8**	*2.55*	3.23	*0.36*	25	**4.7**	*0.96*	0.57	*0.14*
USA, Delaware: White	424	**17.9**	*0.89*	2.23	*0.12*	170	**5.8**	*0.48*	0.71	*0.07*
USA, Florida	13915	**20.7**	*0.18*	2.53	*0.02*	5144	**6.4**	*0.10*	0.75	*0.01*
USA, Florida: Asian and Pacific Islander	57	**5.0**	*0.67*	0.53	*0.08*	35	**2.7**	*0.46*	0.30	*0.06*
USA, Florida: Black	1280	**20.2**	*0.57*	2.53	*0.08*	457	**5.5**	*0.26*	0.62	*0.04*
USA, Florida: White	12397	**20.9**	*0.20*	2.55	*0.03*	4584	**6.6**	*0.11*	0.77	*0.01*
USA, Georgia	5070	**19.3**	*0.27*	2.35	*0.04*	1865	**5.8**	*0.14*	0.68	*0.02*
USA, Georgia: Asian and Pacific Islander	46	**7.7**	*1.18*	0.87	*0.16*	24	**3.8**	*0.80*	0.46	*0.12*
USA, Georgia: Black	1177	**20.9**	*0.63*	2.58	*0.09*	435	**5.4**	*0.27*	0.63	*0.04*
USA, Georgia: White	3819	**19.1**	*0.31*	2.32	*0.04*	1391	**5.9**	*0.17*	0.69	*0.02*
USA, Georgia, Atlanta	1341	**16.0**	*0.45*	1.98	*0.07*	539	**5.3**	*0.24*	0.62	*0.03*
*USA, Georgia, Atlanta: Black	432	**18.6**	*0.95*	2.35	*0.15*	173	**5.2**	*0.41*	0.58	*0.06*
*USA, Georgia, Atlanta: White	861	**15.2**	*0.53*	1.90	*0.08*	338	**5.2**	*0.31*	0.61	*0.04*
USA, Idaho	751	**15.8**	*0.59*	1.90	*0.08*	275	**5.2**	*0.33*	0.60	*0.05*
USA, Illinois	7252	**17.8**	*0.21*	2.14	*0.03*	2872	**5.9**	*0.12*	0.70	*0.02*
USA, Illinois: Asian and Pacific Islander	86	**6.1**	*0.67*	0.72	*0.10*	57	**3.4**	*0.46*	0.36	*0.06*
USA, Illinois: Black	1168	**25.5**	*0.76*	3.13	*0.11*	401	**6.4**	*0.33*	0.73	*0.04*
USA, Illinois: White	5861	**16.9**	*0.23*	2.02	*0.03*	2352	**5.7**	*0.13*	0.69	*0.02*
USA, Indiana	3583	**17.3**	*0.30*	2.08	*0.04*	1466	**5.8**	*0.16*	0.66	*0.02*
USA, Indiana: Black	252	**19.6**	*1.27*	2.38	*0.18*	103	**5.9**	*0.61*	0.68	*0.08*
USA, Indiana: White	3286	**17.1**	*0.31*	2.06	*0.04*	1332	**5.7**	*0.17*	0.65	*0.02*
USA, Iowa	1915	**17.6**	*0.42*	2.14	*0.06*	755	**5.9**	*0.24*	0.66	*0.03*
USA, Kentucky	3026	**21.3**	*0.40*	2.57	*0.05*	1160	**6.9**	*0.22*	0.81	*0.03*
USA, Louisiana	2469	**22.1**	*0.45*	2.75	*0.06*	857	**6.2**	*0.23*	0.70	*0.03*
*USA, Louisiana: Black	738	**27.5**	*1.03*	3.48	*0.15*	210	**5.8**	*0.41*	0.60	*0.05*
*USA, Louisiana: White	1710	**20.5**	*0.51*	2.54	*0.07*	638	**6.3**	*0.27*	0.74	*0.04*
*USA, Louisiana, New Orleans	506	**23.4**	*1.07*	2.93	*0.15*	161	**6.1**	*0.51*	0.70	*0.07*
*USA, Louisiana, New Orleans: Black	181	**26.9**	*2.04*	3.46	*0.31*	52	**5.8**	*0.83*	0.57	*0.09*
*USA, Louisiana, New Orleans: White	317	**22.3**	*1.31*	2.77	*0.18*	107	**6.1**	*0.63*	0.76	*0.09*
USA, Maine	991	**19.1**	*0.63*	2.32	*0.09*	362	**6.1**	*0.35*	0.76	*0.05*
USA, Massachusetts	3750	**17.0**	*0.29*	2.08	*0.04*	1648	**6.0**	*0.16*	0.73	*0.02*
USA, Massachusetts: Asian and Pacific Islander	52	**7.0**	*1.01*	0.83	*0.15*	48	**6.1**	*0.91*	0.71	*0.13*
USA, Massachusetts: Black	143	**14.5**	*1.25*	1.64	*0.16*	71	**5.5**	*0.67*	0.69	*0.10*
USA, Massachusetts: White	3506	**17.2**	*0.30*	2.12	*0.04*	1507	**6.0**	*0.17*	0.72	*0.02*
USA, Michigan	5932	**17.3**	*0.23*	2.09	*0.03*	2467	**6.1**	*0.13*	0.71	*0.02*
USA, Michigan: Asian and Pacific Islander	28	**5.3**	*1.04*	0.74	*0.17*	14	**2.4**	*0.65*	0.28	*0.09*
USA, Michigan: Black	818	**23.5**	*0.84*	2.98	*0.12*	363	**7.7**	*0.42*	0.89	*0.06*
USA, Michigan: White	4977	**16.5**	*0.24*	1.98	*0.03*	2030	**5.8**	*0.14*	0.67	*0.02*
USA, Michigan, Detroit	2481	**18.8**	*0.39*	2.30	*0.06*	1064	**6.6**	*0.22*	0.76	*0.03*
*USA, Michigan, Detroit: Black	615	**24.2**	*1.00*	3.06	*0.15*	278	**7.7**	*0.48*	0.89	*0.06*
*USA, Michigan, Detroit: White	1829	**17.8**	*0.43*	2.15	*0.06*	765	**6.3**	*0.25*	0.73	*0.03*
USA, Mississippi	2090	**23.0**	*0.51*	2.77	*0.07*	679	**6.0**	*0.25*	0.70	*0.03*
USA, Missouri	3621	**18.3**	*0.31*	2.18	*0.04*	1356	**5.7**	*0.17*	0.67	*0.02*
USA, Missouri: Black	356	**22.5**	*1.22*	2.65	*0.17*	137	**6.3**	*0.56*	0.72	*0.07*
USA, Missouri: White	3214	**17.9**	*0.32*	2.14	*0.04*	1203	**5.6**	*0.18*	0.67	*0.02*
USA, Montana	535	**14.6**	*0.66*	1.71	*0.09*	199	**5.1**	*0.39*	0.62	*0.05*
USA, Montana: American Indian	19	**14.5**	*3.39*	1.62	*0.51*	10	**6.8**	*2.21*	0.79	*0.31*
USA, Nebraska	985	**16.4**	*0.55*	2.01	*0.08*	418	**5.8**	*0.32*	0.64	*0.04*
USA, Nebraska: Black	34	**22.1**	*3.90*	2.76	*0.56*	8	**4.4**	*1.62*	0.52	*0.21*
USA, Nebraska: White	929	**16.2**	*0.55*	1.98	*0.08*	394	**5.7**	*0.33*	0.63	*0.04*
USA, New Hampshire	768	**16.6**	*0.61*	2.05	*0.09*	291	**5.4**	*0.34*	0.65	*0.05*
USA, New Jersey	4685	**15.9**	*0.24*	1.93	*0.03*	2019	**5.5**	*0.13*	0.65	*0.02*
*USA, New Jersey: Black	594	**19.6**	*0.82*	2.51	*0.12*	242	**5.8**	*0.38*	0.67	*0.05*
*USA, New Jersey: White	3890	**15.7**	*0.26*	1.89	*0.04*	1672	**5.5**	*0.15*	0.66	*0.02*
USA, New Mexico	910	**14.1**	*0.48*	1.74	*0.07*	331	**4.2**	*0.25*	0.49	*0.03*
*USA, New Mexico: Hispanic White	237	**11.3**	*0.75*	1.36	*0.11*	82	**3.3**	*0.38*	0.33	*0.04*
*USA, New Mexico: Non−Hispanic White	635	**17.1**	*0.71*	2.10	*0.10*	233	**5.1**	*0.38*	0.61	*0.05*
*USA, New Mexico: White	872	**15.0**	*0.53*	1.84	*0.07*	315	**4.4**	*0.27*	0.51	*0.04*
USA, New York State	10492	**16.2**	*0.16*	1.96	*0.02*	4582	**5.7**	*0.09*	0.65	*0.01*
USA, New York State: Asian and Pacific Islander	366	**9.3**	*0.50*	1.05	*0.07*	165	**3.8**	*0.30*	0.39	*0.04*
USA, New York State: Black	1489	**17.9**	*0.47*	2.22	*0.07*	658	**5.5**	*0.22*	0.62	*0.03*
USA, New York State: White	8431	**16.0**	*0.18*	1.94	*0.03*	3665	**5.7**	*0.10*	0.65	*0.01*
USA, North Carolina	5472	**19.2**	*0.26*	2.31	*0.04*	2108	**6.2**	*0.14*	0.73	*0.02*
USA, North Carolina: American Indian	29	**10.2**	*1.92*	1.13	*0.25*	18	**5.2**	*1.24*	0.56	*0.15*
USA, North Carolina: Asian and Pacific Islander	21	**6.0**	*1.38*	0.70	*0.20*	10	**2.4**	*0.78*	0.33	*0.13*
USA, North Carolina: Black	1256	**26.5**	*0.76*	3.19	*0.11*	362	**5.8**	*0.31*	0.68	*0.04*
USA, North Carolina: White	4117	**17.7**	*0.28*	2.14	*0.04*	1699	**6.2**	*0.16*	0.74	*0.02*
USA, North Dakota	361	**14.7**	*0.82*	1.73	*0.12*	127	**5.2**	*0.52*	0.61	*0.07*
USA, Ohio	6588	**16.6**	*0.21*	2.00	*0.03*	2709	**5.7**	*0.12*	0.68	*0.02*
USA, Ohio: Asian and Pacific Islander	15	**3.2**	*0.87*	0.35	*0.12*	11	**2.1**	*0.64*	0.21	*0.09*
USA, Ohio: Black	669	**19.4**	*0.77*	2.41	*0.11*	283	**6.4**	*0.39*	0.76	*0.05*
USA, Ohio: White	5815	**16.4**	*0.22*	1.96	*0.03*	2362	**5.6**	*0.13*	0.66	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Head and neck (C00-14,C30-32) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	2260	**18.6**	*0.40*	2.27	*0.06*	932	**6.5**	*0.23*	0.74	*0.03*
USA, Oklahoma: American Indian	165	**21.2**	*1.67*	2.58	*0.25*	71	**7.9**	*0.96*	0.96	*0.13*
USA, Oklahoma: Black	117	**18.3**	*1.73*	2.31	*0.26*	63	**7.8**	*1.02*	0.84	*0.13*
USA, Oklahoma: White	1942	**18.3**	*0.43*	2.23	*0.06*	784	**6.2**	*0.24*	0.72	*0.03*
USA, Oregon	1981	**15.1**	*0.35*	1.83	*0.05*	835	**5.4**	*0.20*	0.64	*0.03*
USA, Oregon: Asian and Pacific Islander	24	**7.0**	*1.48*	0.81	*0.21*	20	**4.8**	*1.10*	0.56	*0.14*
USA, Oregon: Black	21	**11.4**	*2.58*	1.34	*0.36*	4	**2.2**	*1.17*	0.19	*0.12*
USA, Oregon: White	1868	**14.9**	*0.36*	1.82	*0.05*	786	**5.3**	*0.21*	0.63	*0.03*
USA, Pennsylvania	7948	**17.3**	*0.20*	2.08	*0.03*	3193	**5.8**	*0.11*	0.68	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	54	**7.4**	*1.03*	0.82	*0.14*	30	**3.5**	*0.66*	0.32	*0.07*
USA, Pennsylvania: Black	703	**21.9**	*0.85*	2.79	*0.12*	311	**7.1**	*0.41*	0.91	*0.06*
USA, Pennsylvania: White	7085	**16.9**	*0.21*	2.01	*0.03*	2796	**5.5**	*0.12*	0.65	*0.02*
USA, Rhode Island	667	**17.9**	*0.72*	2.13	*0.10*	245	**5.4**	*0.38*	0.66	*0.05*
USA, Rhode Island: Black	24	**17.1**	*3.66*	2.12	*0.52*	10	**5.9**	*1.92*	0.67	*0.25*
USA, Rhode Island: White	628	**17.9**	*0.75*	2.13	*0.10*	226	**5.3**	*0.39*	0.64	*0.05*
USA, South Carolina	3095	**21.5**	*0.39*	2.56	*0.05*	1015	**5.9**	*0.20*	0.68	*0.03*
USA, South Carolina: Black	881	**27.7**	*0.95*	3.34	*0.13*	228	**5.4**	*0.37*	0.63	*0.05*
USA, South Carolina: White	2194	**19.8**	*0.43*	2.36	*0.06*	771	**6.0**	*0.23*	0.70	*0.03*
USA, South Dakota	395	**13.7**	*0.72*	1.67	*0.10*	169	**5.4**	*0.45*	0.64	*0.06*
USA, Tennessee	3942	**19.4**	*0.31*	2.33	*0.04*	1444	**5.9**	*0.17*	0.70	*0.02*
USA, Tennessee: Black	504	**22.1**	*1.01*	2.71	*0.15*	183	**6.0**	*0.46*	0.74	*0.06*
USA, Tennessee: White	3403	**19.1**	*0.33*	2.29	*0.05*	1240	**5.9**	*0.18*	0.69	*0.02*
USA, Texas	11274	**17.1**	*0.16*	2.10	*0.02*	4076	**5.2**	*0.09*	0.61	*0.01*
USA, Texas: Asian and Pacific Islander	77	**4.0**	*0.48*	0.44	*0.07*	43	**1.9**	*0.30*	0.23	*0.05*
USA, Texas: Black	1242	**20.7**	*0.61*	2.58	*0.09*	453	**5.8**	*0.28*	0.66	*0.04*
USA, Texas: White	9758	**17.0**	*0.18*	2.08	*0.02*	3500	**5.2**	*0.09*	0.60	*0.01*
USA, Utah	659	**10.2**	*0.41*	1.26	*0.06*	288	**4.0**	*0.25*	0.47	*0.03*
USA, Vermont	426	**18.1**	*0.90*	2.18	*0.13*	154	**5.7**	*0.49*	0.70	*0.07*
USA, Virginia	4153	**16.9**	*0.27*	2.06	*0.04*	1596	**5.4**	*0.14*	0.64	*0.02*
USA, Virginia: Asian and Pacific Islander	64	**7.1**	*0.92*	0.87	*0.14*	20	**1.6**	*0.37*	0.15	*0.04*
USA, Virginia: Black	818	**21.7**	*0.78*	2.69	*0.11*	260	**5.2**	*0.34*	0.62	*0.05*
USA, Virginia: White	3218	**16.3**	*0.29*	1.98	*0.04*	1290	**5.5**	*0.17*	0.65	*0.02*
USA, Washington State	3231	**15.2**	*0.27*	1.86	*0.04*	1391	**5.7**	*0.16*	0.67	*0.02*
USA, Washington, Seattle	2228	**15.4**	*0.34*	1.90	*0.05*	965	**5.8**	*0.20*	0.69	*0.03*
USA, West Virginia	1357	**19.7**	*0.55*	2.37	*0.07*	511	**6.5**	*0.32*	0.74	*0.04*
USA, Wisconsin	3176	**16.5**	*0.30*	2.02	*0.04*	1317	**6.1**	*0.18*	0.71	*0.02*
USA, Wisconsin: Black	163	**26.6**	*2.16*	3.56	*0.34*	54	**6.5**	*0.92*	0.67	*0.11*
USA, Wisconsin: White	2924	**15.9**	*0.31*	1.94	*0.04*	1229	**6.0**	*0.19*	0.71	*0.02*
USA, Wyoming	262	**13.7**	*0.87*	1.49	*0.12*	115	**5.7**	*0.57*	0.67	*0.08*
Asia										
Bahrain: Bahraini	67	**9.6**	*1.21*	1.23	*0.18*	17	**2.0**	*0.52*	0.25	*0.08*
China, Beijing City	1759	**6.2**	*0.15*	0.72	*0.02*	816	**2.8**	*0.11*	0.34	*0.01*
*China, Cixian County	120	**10.3**	*0.98*	1.24	*0.13*	52	**4.0**	*0.58*	0.47	*0.08*
China, Haining County	155	**7.6**	*0.64*	0.85	*0.08*	63	**2.8**	*0.36*	0.27	*0.04*
*China, Harbin City, Nangang District	245	**8.3**	*0.54*	1.01	*0.07*	79	**2.4**	*0.28*	0.30	*0.04*
China, Hong Kong	6120	**25.3**	*0.33*	2.82	*0.04*	2172	**8.3**	*0.19*	0.88	*0.02*
China, Jiashan County	135	**8.5**	*0.75*	1.02	*0.10*	43	**2.7**	*0.44*	0.28	*0.05*
China, Jiaxing City	102	**8.8**	*0.89*	1.11	*0.13*	40	**3.5**	*0.58*	0.39	*0.07*
China, Macao	358	**24.4**	*1.36*	2.72	*0.19*	154	**9.8**	*0.86*	1.11	*0.12*
China, Qidong County	189	**4.8**	*0.36*	0.53	*0.04*	80	**1.7**	*0.20*	0.19	*0.03*
*China, Shanghai City	2505	**9.3**	*0.20*	1.04	*0.03*	1007	**3.5**	*0.13*	0.38	*0.01*
*China, Wuhan City	1511	**10.4**	*0.27*	1.25	*0.04*	571	**3.8**	*0.16*	0.45	*0.02*
*China, Yangcheng County	57	**6.8**	*0.94*	0.82	*0.14*	32	**3.2**	*0.59*	0.36	*0.08*
*China, Yanting County	104	**6.1**	*0.61*	0.78	*0.08*	63	**3.9**	*0.50*	0.56	*0.07*
*China, Zhongshan City	1214	**42.0**	*1.24*	4.57	*0.15*	408	**13.3**	*0.68*	1.43	*0.08*
*India, Bangalore	1519	**20.7**	*0.55*	2.58	*0.08*	800	**11.3**	*0.41*	1.33	*0.06*
*India; Barshi, Paranda, and Bhum	138	**10.6**	*0.97*	1.22	*0.12*	36	**2.5**	*0.44*	0.33	*0.06*
*India, Bhopal	822	**35.9**	*1.30*	4.38	*0.19*	224	**10.5**	*0.71*	1.19	*0.09*
*India, Chennai	2771	**27.3**	*0.53*	3.35	*0.07*	1174	**11.8**	*0.35*	1.45	*0.05*
*India, Dindigul, Ambilikkai	728	**15.7**	*0.59*	1.94	*0.08*	299	**6.3**	*0.37*	0.71	*0.05*
*India, Karunagappally	268	**25.6**	*1.57*	3.08	*0.22*	92	**7.5**	*0.79*	0.97	*0.12*
*India, Mizoram	528	**31.5**	*1.42*	3.40	*0.18*	164	**10.7**	*0.87*	1.31	*0.12*
*India, Mumbai	6296	**24.3**	*0.32*	2.86	*0.04*	2167	**8.9**	*0.19*	1.00	*0.03*
*India, New Delhi	7336	**28.9**	*0.36*	3.56	*0.05*	1698	**7.4**	*0.19*	0.87	*0.03*
*India, Poona	1508	**19.9**	*0.53*	2.36	*0.07*	667	**9.0**	*0.35*	1.03	*0.05*
*India, Sikkim State	200	**21.4**	*1.57*	2.68	*0.23*	110	**14.7**	*1.47*	1.78	*0.21*
*India, Trivandrum	483	**30.3**	*1.39*	3.71	*0.20*	163	**8.5**	*0.67*	1.00	*0.10*
*Iran (Islamic Republic of), Golestan Province	111	**6.9**	*0.69*	0.84	*0.10*	64	**3.6**	*0.49*	0.39	*0.06*
Israel	1723	**9.4**	*0.24*	1.07	*0.03*	781	**3.5**	*0.14*	0.38	*0.02*
*Israel: Jews	1518	**9.2**	*0.25*	1.04	*0.03*	732	**3.6**	*0.15*	0.39	*0.02*
*Israel: Non–Jews	205	**10.9**	*0.79*	1.31	*0.12*	49	**2.4**	*0.36*	0.29	*0.05*
Japan, Aichi Prefecture	548	**9.3**	*0.41*	1.14	*0.06*	205	**3.3**	*0.26*	0.34	*0.03*
Japan, Fukui Prefecture	325	**8.0**	*0.49*	0.95	*0.06*	108	**2.2**	*0.29*	0.22	*0.03*
Japan, Hiroshima	721	**14.2**	*0.55*	1.78	*0.08*	235	**3.9**	*0.29*	0.40	*0.03*
Japan, Miyagi Prefecture	1256	**11.3**	*0.34*	1.39	*0.05*	341	**2.6**	*0.17*	0.28	*0.02*
Japan, Nagasaki Prefecture	1035	**14.0**	*0.48*	1.71	*0.06*	336	**3.5**	*0.24*	0.39	*0.03*
Japan, Niigata Prefecture	1290	**10.0**	*0.30*	1.23	*0.04*	406	**2.7**	*0.18*	0.28	*0.02*
*Japan, Osaka Prefecture	4325	**10.0**	*0.16*	1.24	*0.02*	1428	**2.8**	*0.09*	0.30	*0.01*
Japan, Saga Prefecture	419	**10.1**	*0.54*	1.26	*0.07*	146	**2.5**	*0.27*	0.26	*0.03*
Republic of Korea	14227	**10.9**	*0.09*	1.38	*0.01*	3891	**2.4**	*0.04*	0.26	*0.00*
Republic of Korea, Busan	1090	**10.8**	*0.34*	1.33	*0.05*	325	**2.6**	*0.15*	0.27	*0.02*
Republic of Korea, Daegu	693	**11.1**	*0.43*	1.44	*0.06*	190	**2.3**	*0.17*	0.26	*0.02*
Republic of Korea, Daejeon	344	**10.4**	*0.58*	1.32	*0.09*	89	**2.1**	*0.23*	0.23	*0.03*
Republic of Korea, Gwangju	376	**11.6**	*0.61*	1.44	*0.09*	110	**2.6**	*0.25*	0.28	*0.03*
Republic of Korea, Incheon	623	**10.2**	*0.42*	1.30	*0.06*	163	**2.1**	*0.17*	0.24	*0.02*
Republic of Korea, Jejudo	163	**13.5**	*1.07*	1.65	*0.15*	42	**2.7**	*0.44*	0.31	*0.05*
Republic of Korea, Seoul	2643	**10.1**	*0.20*	1.26	*0.03*	790	**2.5**	*0.09*	0.28	*0.01*
Republic of Korea, Ulsan	240	**11.0**	*0.77*	1.28	*0.11*	72	**2.5**	*0.31*	0.28	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Head and neck (C00-14,C30-32) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	204	**4.3**	*0.41*	0.54	*0.06*	91	**3.3**	*0.40*	0.40	*0.06*
*Kuwait: Kuwaitis	79	**6.1**	*0.72*	0.72	*0.10*	45	**3.0**	*0.47*	0.34	*0.07*
*Kuwait: Non−Kuwaitis	125	**3.3**	*0.48*	0.45	*0.09*	46	**4.1**	*0.81*	0.55	*0.14*
*Malaysia, Penang	420	**17.7**	*0.88*	2.11	*0.13*	153	**5.6**	*0.46*	0.61	*0.06*
*Malaysia, Penang: Chinese	318	**22.0**	*1.25*	2.50	*0.17*	95	**6.1**	*0.63*	0.64	*0.08*
*Malaysia, Penang: Indian	43	**22.9**	*3.68*	3.76	*0.71*	29	**12.4**	*2.38*	1.45	*0.34*
*Malaysia, Penang: Malay	59	**8.5**	*1.16*	0.92	*0.17*	28	**3.0**	*0.58*	0.32	*0.08*
*Philippines, Manila	1483	**18.1**	*0.51*	2.20	*0.08*	689	**6.5**	*0.26*	0.73	*0.04*
*Philippines, Rizal	1382	**15.4**	*0.45*	1.84	*0.07*	749	**7.1**	*0.27*	0.81	*0.04*
Qatar: Qatari	30	**11.5**	*2.22*	1.45	*0.32*	9	**3.2**	*1.12*	0.40	*0.18*
*Saudi Arabia, Riyadh: Saudi	316	**5.9**	*0.36*	0.67	*0.05*	154	**3.0**	*0.26*	0.31	*0.03*
Singapore	2201	**21.1**	*0.46*	2.42	*0.06*	730	**6.2**	*0.23*	0.64	*0.03*
Singapore: Chinese	1953	**23.5**	*0.54*	2.68	*0.07*	640	**6.7**	*0.27*	0.69	*0.03*
Singapore: Indian	95	**13.3**	*1.42*	1.58	*0.20*	31	**4.9**	*0.91*	0.74	*0.16*
Singapore: Malay	134	**11.2**	*1.02*	1.21	*0.14*	54	**4.2**	*0.60*	0.32	*0.06*
Thailand, Bangkok	2109	**14.9**	*0.34*	1.62	*0.04*	757	**4.1**	*0.15*	0.40	*0.02*
Thailand, Chiang Mai	519	**11.5**	*0.52*	1.27	*0.07*	269	**5.4**	*0.35*	0.63	*0.05*
Thailand, Chonburi	560	**21.5**	*0.94*	2.60	*0.13*	252	**7.8**	*0.51*	0.80	*0.07*
*Thailand, Khon Kaen	361	**8.4**	*0.45*	0.94	*0.06*	266	**5.5**	*0.34*	0.63	*0.05*
Thailand, Lampang	247	**10.1**	*0.66*	1.13	*0.09*	149	**5.6**	*0.47*	0.64	*0.06*
*Thailand, Songkhla	535	**21.1**	*0.93*	2.35	*0.13*	140	**4.5**	*0.39*	0.52	*0.06*
*Turkey, Antalya	514	**13.6**	*0.61*	1.61	*0.08*	150	**3.8**	*0.32*	0.42	*0.04*
*Turkey, Edirne	171	**17.2**	*1.33*	1.85	*0.16*	28	**2.5**	*0.50*	0.32	*0.07*
*Turkey, Izmir	1770	**18.8**	*0.45*	2.31	*0.06*	407	**3.9**	*0.19*	0.44	*0.03*
*Turkey, Trabzon	156	**14.0**	*1.14*	1.74	*0.16*	32	**2.4**	*0.44*	0.25	*0.05*
Europe										
Austria	5177	**17.2**	*0.24*	2.05	*0.03*	1509	**4.2**	*0.12*	0.48	*0.01*
Austria, Tyrol	436	**17.7**	*0.87*	2.13	*0.11*	152	**5.3**	*0.46*	0.62	*0.06*
Austria, Vorarlberg	231	**18.7**	*1.25*	2.29	*0.17*	54	**4.0**	*0.56*	0.49	*0.07*
*Belarus	8242	**28.3**	*0.32*	3.51	*0.04*	1064	**2.2**	*0.07*	0.24	*0.01*
*Belgium	7564	**23.7**	*0.28*	2.84	*0.04*	2196	**6.2**	*0.14*	0.71	*0.02*
Bulgaria	6463	**21.8**	*0.28*	2.63	*0.04*	1148	**3.0**	*0.10*	0.32	*0.01*
Croatia	4871	**29.2**	*0.43*	3.59	*0.06*	918	**4.2**	*0.15*	0.47	*0.02*
Cyprus	203	**7.9**	*0.57*	0.95	*0.08*	59	**2.1**	*0.28*	0.23	*0.04*
Czech Republic	7313	**19.5**	*0.23*	2.31	*0.03*	1909	**4.1**	*0.10*	0.46	*0.01*
Denmark	3739	**17.5**	*0.29*	2.13	*0.04*	1602	**6.6**	*0.18*	0.77	*0.02*
*Estonia	861	**19.6**	*0.68*	2.47	*0.09*	232	**3.3**	*0.24*	0.37	*0.03*
Finland	2061	**9.7**	*0.22*	1.15	*0.03*	1149	**4.2**	*0.14*	0.46	*0.02*
*France, Bas−Rhin	1130	**30.2**	*0.92*	3.78	*0.13*	240	**5.6**	*0.39*	0.65	*0.05*
*France, Calvados	830	**35.7**	*1.29*	4.25	*0.17*	174	**6.2**	*0.52*	0.63	*0.06*
*France, Doubs	555	**29.6**	*1.30*	3.64	*0.17*	101	**4.7**	*0.52*	0.53	*0.06*
*France, Haut−Rhin	701	**25.9**	*1.00*	3.31	*0.14*	156	**5.3**	*0.45*	0.61	*0.06*
*France, Hérault	1033	**28.1**	*0.92*	3.27	*0.11*	266	**6.2**	*0.42*	0.70	*0.05*
*France, Isère	1033	**25.3**	*0.81*	3.07	*0.11*	207	**4.6**	*0.34*	0.51	*0.04*
*France, Loire−Atlantique	1616	**38.0**	*0.98*	4.63	*0.13*	279	**5.4**	*0.35*	0.62	*0.04*
*France, Manche	671	**34.8**	*1.41*	4.16	*0.18*	120	**5.2**	*0.54*	0.59	*0.06*
*France, Somme	866	**43.9**	*1.54*	5.36	*0.20*	172	**7.5**	*0.62*	0.93	*0.08*
*France, Tarn	354	**22.3**	*1.29*	2.53	*0.15*	106	**5.8**	*0.69*	0.61	*0.07*
*France, Vendée	737	**30.4**	*1.18*	3.57	*0.15*	126	**4.5**	*0.44*	0.52	*0.05*
Germany, Brandenburg	2388	**22.0**	*0.46*	2.59	*0.06*	509	**4.0**	*0.20*	0.45	*0.02*
Germany, Bremen	672	**24.6**	*0.98*	2.98	*0.13*	216	**6.7**	*0.50*	0.82	*0.06*
Germany, Free State of Saxony	3561	**19.7**	*0.34*	2.30	*0.04*	910	**4.0**	*0.15*	0.44	*0.02*
Germany, Hamburg	1503	**22.6**	*0.60*	2.70	*0.08*	618	**7.3**	*0.33*	0.88	*0.04*
Germany, Mecklenburg−Western Pomerania	1826	**25.6**	*0.61*	2.94	*0.07*	383	**4.7**	*0.27*	0.52	*0.03*
Germany, Munich	2714	**17.9**	*0.35*	2.13	*0.04*	872	**4.8**	*0.18*	0.54	*0.02*
Germany, North Rhine−Westphalia	1909	**18.7**	*0.44*	2.31	*0.06*	681	**5.8**	*0.25*	0.66	*0.03*
Germany, Saarland	1061	**24.1**	*0.76*	2.89	*0.09*	297	**5.9**	*0.38*	0.67	*0.04*
Germany, Schleswig−Holstein	2327	**19.4**	*0.42*	2.32	*0.05*	782	**5.7**	*0.23*	0.66	*0.03*
Iceland	97	**9.2**	*0.98*	1.06	*0.14*	46	**4.0**	*0.64*	0.48	*0.09*
Ireland	1707	**13.0**	*0.32*	1.58	*0.04*	598	**4.1**	*0.18*	0.48	*0.02*
Italy, Biella	214	**23.5**	*1.76*	2.92	*0.23*	55	**5.3**	*0.86*	0.59	*0.10*
Italy, Brescia	734	**20.8**	*0.79*	2.57	*0.11*	211	**5.6**	*0.45*	0.58	*0.05*
Italy, Catania and Messina	610	**15.2**	*0.65*	1.83	*0.09*	165	**3.4**	*0.31*	0.39	*0.04*
Italy, Catanzaro	153	**15.6**	*1.33*	1.96	*0.18*	34	**2.8**	*0.54*	0.32	*0.07*
Italy, Como	398	**16.6**	*0.87*	2.00	*0.11*	123	**4.3**	*0.43*	0.47	*0.05*
Italy, Ferrara	389	**20.5**	*1.17*	2.41	*0.15*	111	**4.7**	*0.52*	0.57	*0.07*
Italy, Florence and Prato	553	**16.1**	*0.75*	1.90	*0.10*	191	**4.5**	*0.39*	0.52	*0.05*
Italy, Friuli−Venezia Giulia	1464	**25.8**	*0.71*	3.17	*0.09*	409	**6.1**	*0.36*	0.70	*0.04*
Italy, Genoa	660	**17.6**	*0.76*	2.15	*0.10*	238	**4.9**	*0.41*	0.53	*0.05*
Italy, Latina	316	**14.0**	*0.83*	1.69	*0.11*	96	**4.1**	*0.48*	0.41	*0.05*
Italy, Lecco	206	**14.4**	*1.04*	1.73	*0.14*	94	**5.8**	*0.70*	0.66	*0.08*
Italy, Lombardy, South	466	**23.7**	*1.15*	2.92	*0.15*	121	**4.8**	*0.53*	0.52	*0.06*
Italy, Mantua	212	**20.1**	*1.48*	2.50	*0.20*	51	**3.6**	*0.60*	0.41	*0.07*
Italy, Milan	865	**18.4**	*0.68*	2.23	*0.09*	300	**4.4**	*0.31*	0.50	*0.04*
Italy, Modena	415	**13.6**	*0.71*	1.68	*0.10*	123	**3.8**	*0.41*	0.43	*0.05*
Italy, Naples	268	**15.6**	*0.97*	1.81	*0.13*	71	**3.7**	*0.47*	0.39	*0.05*
Italy, Nuoro	234	**23.9**	*1.62*	2.88	*0.21*	41	**3.5**	*0.62*	0.34	*0.07*
Italy, Palermo	582	**15.4**	*0.67*	1.83	*0.09*	198	**4.3**	*0.34*	0.45	*0.04*
Italy, Parma	318	**15.7**	*0.95*	2.00	*0.13*	98	**4.2**	*0.51*	0.49	*0.06*
Italy, Ragusa	139	**11.5**	*1.04*	1.36	*0.13*	39	**2.8**	*0.57*	0.27	*0.06*
Italy, Reggio Emilia	390	**17.9**	*0.97*	2.22	*0.13*	105	**4.0**	*0.49*	0.42	*0.05*
Italy, Romagna	867	**15.6**	*0.57*	1.92	*0.08*	305	**4.9**	*0.34*	0.54	*0.04*
Italy, Salerno	605	**14.1**	*0.61*	1.71	*0.08*	163	**3.2**	*0.28*	0.37	*0.03*
Italy, Sassari	440	**23.0**	*1.13*	2.79	*0.15*	76	**3.8**	*0.47*	0.39	*0.05*
Italy, Sondrio	207	**26.6**	*1.91*	3.33	*0.26*	55	**5.1**	*0.81*	0.62	*0.11*
Italy, South Tyrol	334	**22.6**	*1.29*	2.72	*0.17*	89	**4.9**	*0.57*	0.62	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Head and neck (C00-14,C30-32) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	230	**14.3**	*0.98*	1.83	*0.14*	68	**3.8**	*0.51*	0.39	*0.06*
Italy, Trapani	244	**16.4**	*1.12*	2.07	*0.15*	40	**2.5**	*0.47*	0.28	*0.05*
Italy, Trento	381	**22.4**	*1.20*	2.68	*0.16*	81	**3.7**	*0.49*	0.42	*0.06*
Italy, Turin	746	**17.5**	*0.68*	2.14	*0.09*	247	**4.7**	*0.37*	0.54	*0.04*
Italy, Umbria	592	**13.7**	*0.62*	1.61	*0.08*	147	**2.7**	*0.26*	0.31	*0.03*
Italy, Varese	687	**19.0**	*0.76*	2.35	*0.10*	183	**4.0**	*0.34*	0.48	*0.04*
Italy, Veneto	1790	**22.1**	*0.55*	2.71	*0.07*	507	**5.1**	*0.26*	0.57	*0.03*
Latvia	1257	**21.2**	*0.61*	2.66	*0.08*	250	**2.6**	*0.18*	0.30	*0.02*
Lithuania	2620	**25.1**	*0.50*	3.08	*0.07*	471	**2.8**	*0.14*	0.32	*0.02*
Malta	226	**14.7**	*1.00*	1.72	*0.14*	64	**3.6**	*0.47*	0.43	*0.06*
*The Netherlands	8953	**14.3**	*0.15*	1.73	*0.02*	4093	**5.9**	*0.10*	0.69	*0.01*
*The Netherlands, Eindhoven	546	**13.7**	*0.60*	1.62	*0.08*	248	**5.7**	*0.39*	0.68	*0.05*
Norway	1878	**10.7**	*0.26*	1.34	*0.04*	955	**4.6**	*0.17*	0.54	*0.02*
Poland, Cracow	326	**15.5**	*0.88*	1.88	*0.12*	113	**4.0**	*0.42*	0.43	*0.05*
Poland, Kielce	830	**18.5**	*0.66*	2.35	*0.09*	160	**2.8**	*0.24*	0.32	*0.03*
Poland, Lower Silesia	1977	**20.5**	*0.48*	2.53	*0.07*	540	**4.3**	*0.20*	0.47	*0.02*
Poland, Podkarpackie	1308	**20.1**	*0.57*	2.46	*0.08*	288	**3.4**	*0.22*	0.37	*0.03*
Portugal, Azores	326	**45.5**	*2.57*	5.43	*0.33*	35	**3.8**	*0.68*	0.43	*0.09*
Russian Federation, Saint Petersburg	2863	**20.0**	*0.38*	2.50	*0.05*	751	**3.1**	*0.12*	0.35	*0.02*
*Serbia, Central	4712	**21.6**	*0.33*	2.62	*0.04*	1193	**5.0**	*0.16*	0.55	*0.02*
Slovakia	5525	**33.2**	*0.45*	3.97	*0.06*	818	**3.7**	*0.14*	0.39	*0.02*
Slovenia	1772	**23.7**	*0.57*	2.85	*0.07*	408	**4.4**	*0.24*	0.49	*0.03*
Spain, Albacete	418	**28.3**	*1.51*	3.38	*0.20*	60	**3.1**	*0.49*	0.34	*0.06*
Spain, Asturias	1474	**31.9**	*0.88*	3.91	*0.11*	272	**4.5**	*0.33*	0.46	*0.04*
Spain, Basque Country	2885	**33.2**	*0.64*	4.04	*0.08*	552	**5.4**	*0.26*	0.57	*0.03*
Spain, Canary Islands	1319	**30.7**	*0.86*	3.85	*0.12*	205	**4.1**	*0.30*	0.47	*0.04*
Spain, Ciudad Real	345	**22.5**	*1.32*	2.77	*0.17*	73	**3.5**	*0.49*	0.39	*0.06*
Spain, Cuenca	236	**23.8**	*1.77*	2.93	*0.23*	31	**2.7**	*0.63*	0.29	*0.07*
Spain, Girona	607	**24.6**	*1.05*	2.96	*0.14*	114	**3.7**	*0.40*	0.38	*0.05*
*Spain, Granada	863	**27.7**	*0.99*	3.52	*0.14*	155	**4.0**	*0.37*	0.44	*0.05*
Spain, La Rioja	272	**21.6**	*1.40*	2.52	*0.18*	39	**2.1**	*0.42*	0.19	*0.05*
Spain, Mallorca	695	**25.6**	*1.01*	3.01	*0.13*	150	**4.6**	*0.41*	0.52	*0.05*
Spain, Murcia	1116	**25.1**	*0.78*	2.95	*0.10*	211	**3.9**	*0.30*	0.44	*0.04*
Spain, Navarra	585	**24.4**	*1.07*	2.89	*0.14*	93	**3.4**	*0.39*	0.37	*0.05*
Spain, Tarragona	707	**26.4**	*1.04*	3.12	*0.13*	122	**3.7**	*0.37*	0.43	*0.05*
*Sweden	3554	**8.9**	*0.16*	1.07	*0.02*	1958	**4.3**	*0.11*	0.49	*0.01*
Switzerland, Basel	249	**13.8**	*0.92*	1.60	*0.12*	109	**5.2**	*0.55*	0.65	*0.07*
Switzerland, Geneva	350	**22.2**	*1.24*	2.69	*0.17*	136	**7.1**	*0.65*	0.84	*0.08*
Switzerland, Graubünden and Glarus	158	**17.1**	*1.41*	2.01	*0.19*	32	**3.1**	*0.63*	0.38	*0.08*
Switzerland, Neuchâtel	134	**21.0**	*1.87*	2.64	*0.25*	45	**5.7**	*0.99*	0.68	*0.12*
Switzerland, St Gall–Appenzell	292	**14.3**	*0.86*	1.77	*0.12*	120	**5.3**	*0.52*	0.59	*0.06*
Switzerland, Ticino	274	**19.4**	*1.22*	2.39	*0.17*	95	**5.8**	*0.65*	0.72	*0.09*
Switzerland, Valais	262	**23.8**	*1.50*	2.81	*0.19*	62	**4.3**	*0.60*	0.51	*0.08*
Switzerland, Vaud	582	**24.3**	*1.04*	2.96	*0.14*	188	**6.7**	*0.53*	0.79	*0.07*
Switzerland, Zurich	798	**16.1**	*0.58*	2.02	*0.08*	310	**5.5**	*0.34*	0.65	*0.04*
Ukraine	38081	**25.4**	*0.13*	3.12	*0.02*	6862	**2.9**	*0.04*	0.33	*0.00*
UK, England	23488	**12.2**	*0.08*	1.44	*0.01*	10484	**4.6**	*0.05*	0.52	*0.01*
UK, England, East of England Region	2292	**10.1**	*0.22*	1.20	*0.03*	1068	**4.0**	*0.14*	0.45	*0.02*
UK, England, North Western	3723	**14.9**	*0.25*	1.79	*0.03*	1556	**5.3**	*0.15*	0.62	*0.02*
UK, England, Northern and Yorkshire	3568	**13.5**	*0.23*	1.63	*0.03*	1540	**5.0**	*0.14*	0.58	*0.02*
UK, England, Oxford Region	1157	**11.2**	*0.34*	1.31	*0.05*	526	**4.4**	*0.21*	0.48	*0.03*
UK, England, South and Western Regions	3129	**10.7**	*0.20*	1.25	*0.03*	1501	**4.4**	*0.13*	0.49	*0.02*
UK, England, Thames	4821	**12.2**	*0.18*	1.43	*0.02*	2203	**4.6**	*0.11*	0.52	*0.01*
UK, England, Trent	1439	**12.1**	*0.33*	1.43	*0.04*	625	**4.6**	*0.21*	0.54	*0.03*
UK, England, West Midlands	2490	**12.0**	*0.25*	1.42	*0.03*	1081	**4.5**	*0.15*	0.50	*0.02*
UK, Northern Ireland	845	**14.0**	*0.50*	1.66	*0.07*	376	**5.2**	*0.29*	0.60	*0.04*
UK, Scotland	3622	**18.1**	*0.31*	2.25	*0.04*	1508	**6.3**	*0.18*	0.75	*0.02*
UK, Wales	1634	**13.5**	*0.35*	1.57	*0.04*	709	**5.2**	*0.22*	0.58	*0.03*
Oceania										
Australian Capital Territory	119	**11.6**	*1.09*	1.33	*0.15*	51	**4.4**	*0.64*	0.52	*0.09*
Australia, New South Wales	4183	**17.1**	*0.27*	2.05	*0.04*	1579	**5.5**	*0.15*	0.63	*0.02*
Australia, Northern Territory	180	**32.8**	*2.58*	3.75	*0.38*	44	**9.2**	*1.47*	0.95	*0.19*
Australia, Northern Territory: Indigenous	49	**51.3**	*8.08*	4.78	*0.94*	22	**20.4**	*4.59*	2.15	*0.59*
Australia, Northern Territory: Non–Indigenous	129	**28.9**	*2.68*	3.50	*0.42*	22	**5.7**	*1.29*	0.56	*0.15*
Australia, Queensland	2970	**21.4**	*0.40*	2.52	*0.05*	995	**6.6**	*0.22*	0.75	*0.03*
South Australia	1090	**18.0**	*0.57*	2.04	*0.07*	367	**4.9**	*0.29*	0.51	*0.04*
Australia, Tasmania	378	**21.4**	*1.14*	2.48	*0.15*	129	**5.8**	*0.59*	0.63	*0.07*
Australia, Victoria	2980	**16.3**	*0.31*	1.93	*0.04*	1136	**5.3**	*0.17*	0.58	*0.02*
Western Australia	1258	**17.9**	*0.52*	2.09	*0.07*	470	**6.2**	*0.30*	0.70	*0.04*
New Zealand	1458	**10.7**	*0.29*	1.27	*0.04*	663	**4.1**	*0.17*	0.45	*0.02*
New Zealand: Maori	158	**15.6**	*1.30*	2.01	*0.20*	58	**4.7**	*0.63*	0.53	*0.09*
New Zealand: Pacific Islander	62	**13.6**	*1.79*	1.64	*0.25*	36	**6.5**	*1.11*	0.67	*0.15*
New Zealand: Other	1238	**10.1**	*0.30*	1.20	*0.04*	569	**4.0**	*0.19*	0.43	*0.02*
USA, Hawaii	735	**16.8**	*0.65*	2.03	*0.09*	298	**5.7**	*0.36*	0.64	*0.05*
*USA, Hawaii: Chinese	42	**18.3**	*3.00*	2.30	*0.40*	22	**8.0**	*1.90*	0.75	*0.19*
*USA, Hawaii: Filipino	85	**15.7**	*1.78*	2.02	*0.26*	48	**6.8**	*1.05*	0.75	*0.14*
*USA, Hawaii: Hawaiian	102	**16.7**	*1.71*	2.17	*0.26*	32	**4.5**	*0.81*	0.54	*0.11*
*USA, Hawaii: Japanese	140	**12.0**	*1.11*	1.41	*0.15*	75	**4.6**	*0.68*	0.47	*0.08*
*USA, Hawaii: White	300	**23.5**	*1.41*	2.85	*0.20*	101	**7.9**	*0.86*	1.04	*0.13*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lip (C00)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	13	**0.6**	*0.17*	–	-	6	**0.2**	*0.08*	–	-
Egypt, Gharbiah	43	**0.6**	*0.10*	0.07	*0.01*	16	**0.3**	*0.07*	0.02	*0.01*
*Libya, Benghazi	2	**0.2**	*0.12*	0.01	*0.01*	1	**0.1**	*0.11*	0.03	*0.03*
*Malawi, Blantyre	4	**0.2**	*0.14*	0.02	*0.01*	3	**0.2**	*0.14*	0.02	*0.01*
*South Africa, PROMEC	2	**0.1**	*0.09*	0.02	*0.01*	0	**-**	-	–	-
*Tunisia, North	61	**0.8**	*0.10*	0.09	*0.01*	5	**0.1**	*0.03*	0.00	*0.00*
*Uganda, Kyadondo County	3	**0.1**	*0.10*	0.00	*0.00*	0	**-**	-	–	-
*Zimbabwe, Harare: African	0	**-**	-	–	-	0	**-**	-	–	-
America, Central and South										
Argentina, Bahía Blanca	7	**0.7**	*0.28*	0.10	*0.05*	1	**0.1**	*0.07*	0.02	*0.02*
Argentina, Córdoba	6	**0.2**	*0.10*	0.02	*0.01*	2	**0.1**	*0.05*	0.01	*0.01*
Argentina, Mendoza	8	**0.2**	*0.07*	0.02	*0.01*	1	**0.0**	*0.01*	–	-
*Argentina, Tierra del Fuego	0	**-**	-	–	-	1	**0.7**	*0.68*	0.17	*0.17*
Brazil, Aracaju	15	**2.5**	*0.68*	0.28	*0.10*	11	**1.4**	*0.43*	0.16	*0.06*
Brazil, Belo Horizonte	6	**0.2**	*0.09*	0.01	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
Brazil, Cuiabá	5	**0.4**	*0.20*	0.05	*0.02*	5	**0.5**	*0.23*	0.03	*0.02*
Brazil, Fortaleza	9	**0.3**	*0.10*	0.03	*0.02*	4	**0.1**	*0.05*	0.02	*0.01*
Brazil, Goiânia	29	**1.4**	*0.27*	0.17	*0.04*	5	**0.2**	*0.09*	0.02	*0.01*
*Brazil, São Paulo	242	**1.1**	*0.07*	0.13	*0.01*	129	**0.4**	*0.04*	0.04	*0.00*
Chile, Region of Antofagasta	2	**0.2**	*0.16*	0.05	*0.03*	0	**-**	-	–	-
Chile, Bío Bío Province	0	**-**	-	–	-	1	**0.1**	*0.11*	0.02	*0.02*
Chile, Valdivia	5	**0.5**	*0.25*	0.07	*0.04*	0	**-**	-	–	-
Colombia, Bucaramanga	3	**0.2**	*0.10*	0.03	*0.02*	0	**-**	-	–	-
Colombia, Cali	14	**0.3**	*0.09*	0.03	*0.01*	12	**0.2**	*0.06*	0.02	*0.01*
Colombia, Manizales	1	**0.1**	*0.09*	–	-	2	**0.1**	*0.10*	0.01	*0.01*
Colombia, Pasto	1	**0.2**	*0.16*	0.03	*0.03*	0	**-**	-	–	-
Costa Rica	2	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
Cuba, Villa Clara	36	**1.5**	*0.26*	0.17	*0.04*	11	**0.5**	*0.16*	0.06	*0.02*
Ecuador, Cuenca	0	**-**	-	–	-	1	**0.1**	*0.11*	0.01	*0.01*
Ecuador, Quito	0	**-**	-	–	-	4	**0.1**	*0.06*	0.01	*0.01*
*France, Martinique	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
*Jamaica, Kingston and St Andrew	0	**-**	-	–	-	1	**0.0**	*0.03*	–	-
USA, Puerto Rico	40	**0.3**	*0.05*	0.03	*0.01*	18	**0.1**	*0.02*	0.01	*0.00*
Uruguay	19	**0.3**	*0.06*	0.02	*0.01*	10	**0.1**	*0.03*	0.00	*0.00*
America, North										
Canada	1255	**1.0**	*0.03*	0.11	*0.00*	395	**0.2**	*0.01*	0.02	*0.00*
Canada, Alberta	104	**0.9**	*0.10*	0.12	*0.02*	29	**0.2**	*0.04*	0.02	*0.01*
Canada, British Columbia	61	**0.3**	*0.05*	0.04	*0.01*	23	**0.1**	*0.02*	0.01	*0.00*
Canada, Manitoba	141	**3.0**	*0.27*	0.35	*0.04*	43	**0.6**	*0.11*	0.06	*0.02*
Canada, New Brunswick	48	**1.5**	*0.23*	0.18	*0.04*	6	**0.1**	*0.06*	0.02	*0.01*
Canada, Newfoundland and Labrador	38	**1.9**	*0.31*	0.26	*0.05*	9	**0.3**	*0.11*	0.03	*0.02*
*Canada, Northwest Territories	2	**2.2**	*1.54*	–	-	0	**-**	-	–	-
Canada, Nova Scotia	64	**1.8**	*0.23*	0.21	*0.03*	13	**0.3**	*0.09*	0.03	*0.01*
Canada, Ontario	500	**1.0**	*0.05*	0.12	*0.01*	195	**0.3**	*0.02*	0.03	*0.00*
Canada, Prince Edward Island	8	**1.3**	*0.48*	0.10	*0.05*	0	**-**	-	–	-
*Canada, Quebec	223	**0.7**	*0.05*	0.07	*0.01*	64	**0.1**	*0.02*	0.01	*0.00*
Canada, Saskatchewan	66	**1.5**	*0.20*	0.18	*0.03*	13	**0.2**	*0.06*	0.02	*0.01*
*Canada, Yukon	0	**-**	-	–	-	0	**-**	-	–	-
USA, NPCR (42 states)	6362	**0.7**	*0.01*	0.08	*0.00*	2001	**0.2**	*0.00*	0.02	*0.00*
USA, NPCR (42 states): American Indian	28	**0.4**	*0.08*	0.06	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	10	**0.0**	*0.01*	0.00	*0.00*	12	**0.0**	*0.01*	0.00	*0.00*
USA, NPCR (42 states): Black	64	**0.1**	*0.01*	0.01	*0.00*	50	**0.0**	*0.01*	0.00	*0.00*
USA, NPCR (42 states): White	6098	**0.7**	*0.01*	0.08	*0.00*	1855	**0.2**	*0.00*	0.02	*0.00*
USA, SEER (9 registries)	781	**0.8**	*0.03*	0.09	*0.00*	231	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (9 registries): Black	8	**0.1**	*0.04*	0.02	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
*USA, SEER (9 registries): White	737	**0.9**	*0.04*	0.11	*0.01*	210	**0.2**	*0.02*	0.02	*0.00*
USA, SEER (18 registries)	2088	**0.8**	*0.02*	0.09	*0.00*	702	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	19	**0.1**	*0.02*	0.01	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Black	23	**0.1**	*0.02*	0.01	*0.00*	12	**0.0**	*0.01*	0.00	*0.00*
*USA, SEER (18 registries): Hispanic White	110	**0.4**	*0.04*	0.04	*0.01*	36	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	1865	**0.9**	*0.02*	0.11	*0.00*	611	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): White	1975	**0.9**	*0.02*	0.10	*0.00*	647	**0.2**	*0.01*	0.02	*0.00*
USA, Alabama	219	**1.3**	*0.09*	0.16	*0.01*	60	**0.3**	*0.04*	0.03	*0.01*
USA, Alabama: Black	1	**0.0**	*0.03*	0.00	*0.00*	5	**0.1**	*0.05*	0.01	*0.01*
USA, Alabama: White	217	**1.7**	*0.12*	0.20	*0.02*	53	**0.3**	*0.05*	0.03	*0.01*
USA, Alaska	14	**0.8**	*0.23*	0.10	*0.04*	2	**0.1**	*0.08*	0.01	*0.01*
*USA, Alaska: American Indian	1	**0.3**	*0.34*	0.03	*0.03*	0	**-**	-	–	-
USA, Arizona	106	**0.5**	*0.05*	0.06	*0.01*	32	**0.1**	*0.02*	0.01	*0.00*
USA, Arizona: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arizona: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arizona: Black	1	**0.3**	*0.26*	0.03	*0.03*	0	**-**	-	–	-
USA, Arizona: White	98	**0.5**	*0.05*	0.06	*0.01*	31	**0.1**	*0.02*	0.01	*0.00*
USA, Arkansas	124	**1.2**	*0.11*	0.14	*0.02*	26	**0.1**	*0.03*	0.01	*0.00*
USA, Arkansas: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arkansas: White	122	**1.3**	*0.12*	0.16	*0.02*	25	**0.2**	*0.04*	0.02	*0.01*
USA, California	912	**0.8**	*0.03*	0.09	*0.00*	326	**0.2**	*0.01*	0.02	*0.00*
USA, California: American Indian	3	**0.3**	*0.19*	0.06	*0.04*	1	**0.1**	*0.07*	0.01	*0.01*
USA, California: Asian and Pacific Islander	5	**0.0**	*0.02*	0.00	*0.00*	8	**0.0**	*0.02*	0.01	*0.00*
USA, California: Black	9	**0.1**	*0.04*	0.02	*0.01*	4	**0.1**	*0.03*	0.00	*0.00*
USA, California: White	862	**0.9**	*0.03*	0.10	*0.00*	299	**0.2**	*0.02*	0.03	*0.00*
USA, California, Los Angeles County	126	**0.4**	*0.04*	0.05	*0.01*	46	**0.1**	*0.02*	0.01	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	0	**-**	-	–	-	3	**0.1**	*0.03*	0.01	*0.01*
*USA, California, Los Angeles County: Black	3	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
*USA, California, Los Angeles County: Chinese	0	**-**	-	–	-	1	**0.1**	*0.06*	0.02	*0.02*
*USA, California, Los Angeles County: Filipino	0	**-**	-	–	-	0	**-**	-	–	-
*USA, California, Los Angeles County: Hispanic White	20	**0.3**	*0.06*	0.03	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lip (C00) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	0	-	-	–	-	0	-	-	–	-
*USA, California, Los Angeles County: Korean	0	-	-	–	-	0	-	-	–	-
*USA, California, Los Angeles County: Non–Hispanic White	103	**0.8**	*0.08*	0.09	*0.01*	35	**0.2**	*0.04*	0.02	*0.01*
*USA, California, Los Angeles County: White	123	**0.6**	*0.05*	0.07	*0.01*	42	**0.1**	*0.03*	0.02	*0.00*
USA, California, San Francisco Bay Area	111	**0.7**	*0.07*	0.08	*0.01*	44	**0.2**	*0.04*	0.03	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	1	**0.0**	*0.03*	0.01	*0.01*	1	**0.0**	*0.01*	–	-
*USA, California, San Francisco Bay Area: Black	3	**0.3**	*0.15*	0.03	*0.02*	3	**0.3**	*0.15*	0.02	*0.01*
*USA, California, San Francisco Bay Area: Hispanic White	8	**0.5**	*0.18*	0.05	*0.03*	0	-	-	–	-
*USA, California, San Francisco Bay Area: Non–Hispanic White	96	**1.0**	*0.11*	0.12	*0.02*	38	**0.3**	*0.06*	0.04	*0.01*
*USA, California, San Francisco Bay Area: White	104	**1.0**	*0.10*	0.11	*0.01*	38	**0.3**	*0.05*	0.04	*0.01*
USA, Colorado	116	**0.7**	*0.07*	0.07	*0.01*	48	**0.3**	*0.04*	0.03	*0.01*
USA, Colorado: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Colorado: Black	0	-	-	–	-	0	-	-	–	-
USA, Colorado: White	102	**0.7**	*0.07*	0.07	*0.01*	44	**0.2**	*0.04*	0.03	*0.01*
USA, Connecticut	39	**0.3**	*0.05*	0.03	*0.01*	19	**0.1**	*0.02*	0.01	*0.00*
*USA, Connecticut: Black	0	-	-	–	-	0	-	-	–	-
*USA, Connecticut: White	38	**0.3**	*0.05*	0.03	*0.01*	18	**0.1**	*0.02*	0.01	*0.00*
USA, Delaware	9	**0.3**	*0.09*	0.04	*0.02*	5	**0.1**	*0.04*	0.01	*0.01*
USA, Delaware: Black	0	-	-	–	-	0	-	-	–	-
USA, Delaware: White	9	**0.3**	*0.11*	0.05	*0.02*	5	**0.1**	*0.05*	0.02	*0.01*
USA, Florida	389	**0.6**	*0.03*	0.06	*0.00*	156	**0.2**	*0.02*	0.02	*0.00*
USA, Florida: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Florida: Black	3	**0.0**	*0.03*	0.00	*0.00*	6	**0.1**	*0.03*	0.01	*0.00*
USA, Florida: White	382	**0.6**	*0.03*	0.07	*0.00*	148	**0.2**	*0.02*	0.02	*0.00*
USA, Georgia	137	**0.5**	*0.04*	0.06	*0.01*	31	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia: Asian and Pacific Islander	1	**0.1**	*0.14*	0.01	*0.01*	0	-	-	–	-
USA, Georgia: Black	2	**0.0**	*0.02*	0.00	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
USA, Georgia: White	133	**0.6**	*0.06*	0.08	*0.01*	27	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia, Atlanta	29	**0.4**	*0.07*	0.04	*0.01*	6	**0.1**	*0.03*	0.01	*0.01*
*USA, Georgia, Atlanta: Black	1	**0.0**	*0.02*	0.00	*0.00*	0	-	-	–	-
*USA, Georgia, Atlanta: White	27	**0.5**	*0.09*	0.06	*0.02*	6	**0.1**	*0.04*	0.02	*0.01*
USA, Idaho	99	**1.9**	*0.20*	0.21	*0.03*	23	**0.4**	*0.09*	0.05	*0.01*
USA, Illinois	277	**0.6**	*0.04*	0.07	*0.01*	87	**0.2**	*0.02*	0.02	*0.00*
USA, Illinois: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Illinois: Black	5	**0.1**	*0.05*	0.01	*0.01*	4	**0.1**	*0.03*	0.01	*0.00*
USA, Illinois: White	266	**0.7**	*0.05*	0.08	*0.01*	79	**0.2**	*0.02*	0.02	*0.00*
USA, Indiana	106	**0.5**	*0.05*	0.05	*0.01*	42	**0.1**	*0.03*	0.01	*0.00*
USA, Indiana: Black	0	-	-	–	-	0	-	-	–	-
USA, Indiana: White	102	**0.5**	*0.05*	0.05	*0.01*	40	**0.1**	*0.03*	0.01	*0.00*
USA, Iowa	219	**1.7**	*0.12*	0.18	*0.02*	49	**0.3**	*0.05*	0.03	*0.01*
USA, Kentucky	202	**1.3**	*0.10*	0.15	*0.01*	69	**0.3**	*0.04*	0.03	*0.01*
USA, Louisiana	99	**0.9**	*0.09*	0.12	*0.01*	24	**0.2**	*0.04*	0.02	*0.00*
*USA, Louisiana: Black	4	**0.2**	*0.09*	0.02	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
*USA, Louisiana: White	94	**1.1**	*0.12*	0.15	*0.02*	22	**0.2**	*0.05*	0.02	*0.01*
*USA, Louisiana, New Orleans	11	**0.5**	*0.16*	0.07	*0.03*	2	**0.1**	*0.05*	0.01	*0.01*
*USA, Louisiana, New Orleans: Black	1	**0.2**	*0.19*	0.02	*0.02*	0	-	-	–	-
*USA, Louisiana, New Orleans: White	10	**0.7**	*0.22*	0.09	*0.04*	2	**0.1**	*0.09*	0.01	*0.01*
USA, Maine	61	**1.1**	*0.14*	0.13	*0.02*	21	**0.3**	*0.07*	0.03	*0.01*
USA, Massachusetts	113	**0.5**	*0.05*	0.05	*0.01*	46	**0.1**	*0.02*	0.01	*0.00*
USA, Massachusetts: Asian and Pacific Islander	0	-	-	–	-	1	**0.2**	*0.16*	0.04	*0.04*
USA, Massachusetts: Black	0	-	-	–	-	0	-	-	–	-
USA, Massachusetts: White	106	**0.5**	*0.05*	0.05	*0.01*	44	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan	213	**0.5**	*0.04*	0.06	*0.01*	68	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Michigan: Black	2	**0.1**	*0.04*	0.02	*0.01*	2	**0.1**	*0.04*	0.01	*0.01*
USA, Michigan: White	196	**0.6**	*0.04*	0.06	*0.01*	62	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan, Detroit	73	**0.5**	*0.06*	0.06	*0.01*	20	**0.1**	*0.02*	0.01	*0.00*
*USA, Michigan, Detroit: Black	2	**0.1**	*0.06*	0.02	*0.02*	2	**0.1**	*0.05*	0.01	*0.01*
*USA, Michigan, Detroit: White	67	**0.6**	*0.08*	0.07	*0.01*	16	**0.1**	*0.02*	0.00	*0.00*
USA, Mississippi	118	**1.2**	*0.12*	0.15	*0.02*	26	**0.2**	*0.04*	0.02	*0.01*
USA, Missouri	179	**0.9**	*0.07*	0.11	*0.01*	42	**0.1**	*0.03*	0.02	*0.00*
USA, Missouri: Black	0	-	-	–	-	1	**0.0**	*0.05*	0.00	*0.00*
USA, Missouri: White	176	**0.9**	*0.07*	0.12	*0.01*	41	**0.2**	*0.03*	0.02	*0.00*
USA, Montana	64	**1.6**	*0.21*	0.16	*0.03*	14	**0.4**	*0.10*	0.03	*0.01*
USA, Montana: American Indian	0	-	-	–	-	0	-	-	–	-
USA, Nebraska	104	**1.5**	*0.16*	0.18	*0.02*	36	**0.4**	*0.07*	0.03	*0.01*
USA, Nebraska: Black	1	**0.4**	*0.43*	0.04	*0.04*	0	-	-	–	-
USA, Nebraska: White	97	**1.5**	*0.16*	0.17	*0.02*	32	**0.3**	*0.07*	0.03	*0.01*
USA, New Hampshire	17	**0.3**	*0.09*	0.05	*0.02*	11	**0.1**	*0.04*	0.01	*0.01*
USA, New Jersey	96	**0.3**	*0.03*	0.03	*0.00*	71	**0.1**	*0.02*	0.01	*0.00*
*USA, New Jersey: Black	1	**0.0**	*0.03*	0.00	*0.00*	0	-	-	–	-
*USA, New Jersey: White	90	**0.3**	*0.04*	0.04	*0.01*	66	**0.1**	*0.02*	0.02	*0.00*
USA, New Mexico	101	**1.5**	*0.15*	0.20	*0.02*	31	**0.4**	*0.07*	0.04	*0.01*
*USA, New Mexico: Hispanic White	18	**0.9**	*0.21*	0.11	*0.03*	4	**0.1**	*0.07*	0.01	*0.01*
*USA, New Mexico: Non–Hispanic White	82	**2.1**	*0.24*	0.28	*0.04*	25	**0.5**	*0.11*	0.06	*0.02*
*USA, New Mexico: White	100	**1.6**	*0.17*	0.22	*0.03*	29	**0.4**	*0.07*	0.04	*0.01*
USA, New York State	282	**0.4**	*0.02*	0.04	*0.00*	115	**0.1**	*0.01*	0.01	*0.00*
USA, New York State: Asian and Pacific Islander	1	**0.0**	*0.03*	0.00	*0.00*	0	-	-	–	-
USA, New York State: Black	5	**0.1**	*0.03*	0.01	*0.00*	6	**0.1**	*0.02*	0.01	*0.00*
USA, New York State: White	272	**0.4**	*0.03*	0.04	*0.00*	101	**0.1**	*0.01*	0.01	*0.00*
USA, North Carolina	166	**0.6**	*0.04*	0.07	*0.01*	55	**0.1**	*0.02*	0.02	*0.00*
USA, North Carolina: American Indian	1	**0.3**	*0.32*	0.03	*0.03*	0	-	-	–	-
USA, North Carolina: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, North Carolina: Black	4	**0.1**	*0.05*	0.01	*0.01*	4	**0.1**	*0.03*	0.00	*0.00*
USA, North Carolina: White	158	**0.6**	*0.05*	0.08	*0.01*	51	**0.2**	*0.03*	0.02	*0.00*
USA, North Dakota	89	**3.2**	*0.37*	0.36	*0.06*	13	**0.5**	*0.17*	0.06	*0.02*
USA, Ohio	145	**0.3**	*0.03*	0.04	*0.00*	44	**0.1**	*0.01*	0.01	*0.00*
USA, Ohio: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Ohio: Black	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.01*	–	-
USA, Ohio: White	138	**0.4**	*0.03*	0.04	*0.00*	40	**0.1**	*0.01*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lip (C00) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	212	**1.7**	*0.12*	0.21	*0.02*	59	**0.3**	*0.05*	0.04	*0.01*
USA, Oklahoma: American Indian	11	**1.4**	*0.44*	0.23	*0.08*	4	**0.4**	*0.22*	0.07	*0.04*
USA, Oklahoma: Black	4	**0.7**	*0.34*	0.10	*0.06*	1	**0.1**	*0.12*	0.01	*0.01*
USA, Oklahoma: White	194	**1.7**	*0.13*	0.22	*0.02*	52	**0.3**	*0.05*	0.04	*0.01*
USA, Oregon	102	**0.7**	*0.07*	0.08	*0.01*	35	**0.2**	*0.04*	0.02	*0.01*
USA, Oregon: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Oregon: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Oregon: White	97	**0.7**	*0.08*	0.08	*0.01*	33	**0.2**	*0.04*	0.02	*0.01*
USA, Pennsylvania	226	**0.4**	*0.03*	0.05	*0.00*	98	**0.1**	*0.02*	0.02	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	2	**0.3**	*0.23*	0.03	*0.03*	1	**0.1**	*0.11*	–	-
USA, Pennsylvania: Black	1	**0.0**	*0.03*	0.00	*0.00*	0	**-**	-	–	-
USA, Pennsylvania: White	222	**0.5**	*0.03*	0.05	*0.00*	91	**0.1**	*0.02*	0.02	*0.00*
USA, Rhode Island	11	**0.2**	*0.08*	0.02	*0.01*	6	**0.1**	*0.04*	0.01	*0.01*
USA, Rhode Island: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Rhode Island: White	10	**0.2**	*0.08*	0.02	*0.01*	6	**0.1**	*0.05*	0.01	*0.01*
USA, South Carolina	95	**0.6**	*0.07*	0.07	*0.01*	21	**0.1**	*0.02*	0.01	*0.00*
USA, South Carolina: Black	2	**0.0**	*0.03*	0.00	*0.00*	3	**0.1**	*0.04*	0.01	*0.01*
USA, South Carolina: White	92	**0.8**	*0.08*	0.09	*0.01*	18	**0.1**	*0.03*	0.01	*0.00*
USA, South Dakota	73	**2.2**	*0.28*	0.26	*0.04*	11	**0.3**	*0.11*	0.04	*0.02*
USA, Tennessee	186	**0.9**	*0.06*	0.10	*0.01*	41	**0.1**	*0.02*	0.02	*0.00*
USA, Tennessee: Black	2	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	–	-
USA, Tennessee: White	181	**1.0**	*0.07*	0.11	*0.01*	39	**0.2**	*0.03*	0.02	*0.00*
USA, Texas	496	**0.7**	*0.03*	0.08	*0.00*	110	**0.1**	*0.01*	0.01	*0.00*
USA, Texas: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.0**	*0.04*	0.00	*0.00*
USA, Texas: Black	2	**0.0**	*0.03*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
USA, Texas: White	486	**0.8**	*0.04*	0.09	*0.01*	103	**0.1**	*0.01*	0.01	*0.00*
USA, Utah	70	**1.0**	*0.13*	0.12	*0.02*	17	**0.2**	*0.05*	0.02	*0.01*
USA, Vermont	10	**0.4**	*0.13*	0.03	*0.01*	3	**0.1**	*0.08*	0.02	*0.01*
USA, Virginia	113	**0.4**	*0.04*	0.05	*0.01*	25	**0.1**	*0.02*	0.01	*0.00*
USA, Virginia: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Virginia: Black	5	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
USA, Virginia: White	108	**0.5**	*0.05*	0.06	*0.01*	25	**0.1**	*0.02*	0.01	*0.00*
USA, Washington State	206	**0.9**	*0.06*	0.10	*0.01*	66	**0.2**	*0.03*	0.03	*0.00*
USA, Washington, Seattle	117	**0.7**	*0.07*	0.09	*0.01*	36	**0.2**	*0.03*	0.02	*0.00*
USA, West Virginia	37	**0.5**	*0.08*	0.07	*0.01*	14	**0.1**	*0.04*	0.02	*0.01*
USA, Wisconsin	144	**0.7**	*0.06*	0.08	*0.01*	43	**0.2**	*0.03*	0.02	*0.00*
USA, Wisconsin: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Wisconsin: White	138	**0.7**	*0.06*	0.08	*0.01*	40	**0.2**	*0.03*	0.02	*0.00*
USA, Wyoming	33	**1.5**	*0.27*	0.13	*0.04*	10	**0.5**	*0.16*	0.06	*0.02*
Asia										
Bahrain: Bahraini	3	**0.6**	*0.32*	0.09	*0.05*	0	**-**	-	–	-
China, Beijing City	29	**0.1**	*0.02*	0.01	*0.00*	25	**0.1**	*0.02*	0.01	*0.00*
*China, Cixian County	2	**0.2**	*0.12*	0.02	*0.02*	2	**0.2**	*0.11*	0.02	*0.02*
China, Haining County	2	**0.1**	*0.06*	0.01	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
*China, Harbin City, Nangang District	0	**-**	-	–	-	2	**0.1**	*0.05*	0.01	*0.01*
China, Hong Kong	21	**0.1**	*0.02*	0.01	*0.00*	16	**0.1**	*0.01*	0.01	*0.00*
China, Jiashan County	3	**0.2**	*0.10*	0.05	*0.03*	0	**-**	-	–	-
China, Jiaxing City	2	**0.1**	*0.10*	0.02	*0.02*	2	**0.1**	*0.11*	0.02	*0.02*
China, Macao	2	**0.1**	*0.08*	0.00	*0.00*	1	**0.1**	*0.06*	0.01	*0.01*
China, Qidong County	2	**0.0**	*0.02*	–	-	0	**-**	-	–	-
*China, Shanghai City	21	**0.1**	*0.02*	0.01	*0.00*	23	**0.1**	*0.04*	0.01	*0.00*
*China, Wuhan City	13	**0.1**	*0.02*	0.01	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
*China, Yangcheng County	1	**0.1**	*0.14*	0.04	*0.04*	1	**0.1**	*0.11*	0.03	*0.03*
*China, Yanting County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Zhongshan City	3	**0.1**	*0.07*	0.02	*0.01*	1	**0.0**	*0.03*	0.01	*0.01*
*India, Bangalore	5	**0.1**	*0.04*	0.01	*0.01*	11	**0.1**	*0.05*	0.02	*0.01*
*India; Barshi, Paranda, and Bhum	2	**0.2**	*0.14*	0.02	*0.02*	0	**-**	-	–	-
*India, Bhopal	11	**0.5**	*0.15*	0.06	*0.02*	9	**0.4**	*0.14*	0.04	*0.02*
*India, Chennai	26	**0.3**	*0.05*	0.03	*0.01*	19	**0.2**	*0.04*	0.02	*0.01*
*India, Dindigul, Ambilikkai	11	**0.2**	*0.07*	0.02	*0.01*	11	**0.2**	*0.07*	0.03	*0.01*
*India, Karunagappally	1	**0.1**	*0.12*	0.01	*0.01*	4	**0.3**	*0.17*	0.04	*0.02*
*India, Mizoram	2	**0.1**	*0.06*	0.01	*0.00*	4	**0.2**	*0.11*	0.02	*0.01*
*India, Mumbai	99	**0.3**	*0.04*	0.04	*0.00*	67	**0.3**	*0.03*	0.04	*0.01*
*India, New Delhi	130	**0.5**	*0.05*	0.06	*0.01*	38	**0.2**	*0.03*	0.02	*0.00*
*India, Poona	33	**0.5**	*0.09*	0.07	*0.01*	19	**0.3**	*0.06*	0.04	*0.01*
*India, Sikkim State	4	**0.5**	*0.23*	0.06	*0.04*	1	**0.2**	*0.15*	0.02	*0.02*
*India, Trivandrum	4	**0.2**	*0.12*	0.02	*0.01*	3	**0.1**	*0.09*	0.02	*0.02*
*Iran (Islamic Republic of), Golestan Province	3	**0.1**	*0.08*	0.01	*0.00*	5	**0.2**	*0.10*	0.02	*0.01*
Israel	92	**0.5**	*0.05*	0.05	*0.01*	32	**0.1**	*0.02*	0.01	*0.00*
*Israel: Jews	82	**0.5**	*0.05*	0.05	*0.01*	29	**0.1**	*0.03*	0.01	*0.00*
*Israel: Non–Jews	10	**0.6**	*0.20*	0.08	*0.03*	3	**0.1**	*0.09*	0.01	*0.01*
Japan, Aichi Prefecture	6	**0.1**	*0.04*	0.01	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
Japan, Fukui Prefecture	2	**0.1**	*0.04*	0.01	*0.01*	6	**0.0**	*0.02*	0.00	*0.00*
Japan, Hiroshima	2	**0.0**	*0.02*	–	-	3	**0.0**	*0.03*	0.01	*0.00*
Japan, Miyagi Prefecture	9	**0.1**	*0.03*	0.01	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
Japan, Nagasaki Prefecture	7	**0.1**	*0.03*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
Japan, Niigata Prefecture	9	**0.1**	*0.03*	0.00	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
*Japan, Osaka Prefecture	9	**0.0**	*0.01*	0.00	*0.00*	19	**0.0**	*0.01*	0.00	*0.00*
Japan, Saga Prefecture	2	**0.0**	*0.04*	0.00	*0.00*	1	**0.0**	*0.01*	–	-
Republic of Korea	127	**0.1**	*0.01*	0.01	*0.00*	64	**0.0**	*0.00*	0.00	*0.00*
Republic of Korea, Busan	4	**0.0**	*0.02*	0.01	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
Republic of Korea, Daegu	5	**0.1**	*0.04*	0.01	*0.01*	5	**0.1**	*0.03*	0.01	*0.01*
Republic of Korea, Daejeon	2	**0.1**	*0.04*	0.00	*0.00*	2	**0.0**	*0.03*	–	-
Republic of Korea, Gwangju	5	**0.1**	*0.06*	0.01	*0.00*	1	**0.0**	*0.03*	0.00	*0.00*
Republic of Korea, Incheon	6	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Republic of Korea, Jejudo	3	**0.3**	*0.21*	0.02	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
Republic of Korea, Seoul	19	**0.1**	*0.02*	0.01	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
Republic of Korea, Ulsan	1	**0.1**	*0.05*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lip (C00) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	4	**0.1**	*0.05*	0.01	*0.01*	3	**0.1**	*0.09*	0.00	*0.00*
*Kuwait: Kuwaitis	1	**0.1**	*0.10*	0.02	*0.02*	2	**0.2**	*0.12*	–	-
*Kuwait: Non–Kuwaitis	3	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
*Malaysia, Penang	2	**0.1**	*0.08*	–	-	2	**0.1**	*0.05*	0.00	*0.00*
*Malaysia, Penang: Chinese	0	**-**	-	–	-	1	**0.0**	*0.05*	–	-
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	2	**0.4**	*0.27*	–	-	1	**0.1**	*0.08*	0.00	*0.00*
*Philippines, Manila	1	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
*Philippines, Rizal	9	**0.1**	*0.04*	0.01	*0.00*	5	**0.1**	*0.02*	0.01	*0.00*
Qatar: Qatari	0	**-**	-	–	-	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	6	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.05*	0.01	*0.00*
Singapore	6	**0.1**	*0.02*	0.01	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
Singapore: Chinese	5	**0.1**	*0.03*	0.00	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
Singapore: Indian	0	**-**	-	–	-	0	**-**	-	–	-
Singapore: Malay	1	**0.1**	*0.13*	0.02	*0.02*	1	**0.1**	*0.07*	–	-
Thailand, Bangkok	9	**0.1**	*0.02*	0.01	*0.00*	17	**0.1**	*0.02*	0.01	*0.00*
Thailand, Chiang Mai	11	**0.3**	*0.08*	0.03	*0.01*	22	**0.5**	*0.10*	0.07	*0.02*
Thailand, Chonburi	11	**0.4**	*0.12*	0.04	*0.01*	32	**1.0**	*0.18*	0.11	*0.03*
*Thailand, Khon Kaen	11	**0.3**	*0.09*	0.04	*0.02*	74	**1.6**	*0.18*	0.22	*0.03*
Thailand, Lampang	4	**0.1**	*0.07*	0.02	*0.01*	7	**0.3**	*0.10*	0.02	*0.01*
*Thailand, Songkhla	3	**0.1**	*0.08*	0.01	*0.01*	11	**0.3**	*0.10*	0.04	*0.02*
*Turkey, Antalya	80	**2.1**	*0.24*	0.24	*0.03*	22	**0.6**	*0.13*	0.07	*0.02*
*Turkey, Edirne	15	**1.4**	*0.37*	0.13	*0.04*	3	**0.2**	*0.10*	–	-
*Turkey, Izmir	108	**1.2**	*0.11*	0.15	*0.02*	24	**0.2**	*0.04*	0.03	*0.01*
*Turkey, Trabzon	0	**-**	-	–	-	0	**-**	-	–	-
Europe										
Austria	115	**0.3**	*0.03*	0.04	*0.00*	49	**0.1**	*0.02*	0.01	*0.00*
Austria, Tyrol	20	**0.7**	*0.17*	0.09	*0.02*	9	**0.3**	*0.09*	0.04	*0.02*
Austria, Vorarlberg	11	**0.8**	*0.23*	0.12	*0.04*	3	**0.2**	*0.11*	0.02	*0.02*
*Belarus	894	**3.0**	*0.10*	0.38	*0.02*	310	**0.5**	*0.03*	0.05	*0.00*
*Belgium	208	**0.6**	*0.04*	0.07	*0.01*	73	**0.1**	*0.02*	0.02	*0.00*
Bulgaria	814	**2.3**	*0.09*	0.29	*0.01*	260	**0.5**	*0.04*	0.06	*0.00*
Croatia	312	**1.7**	*0.10*	0.20	*0.01*	133	**0.5**	*0.05*	0.06	*0.01*
Cyprus	25	**0.9**	*0.19*	0.09	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
Czech Republic	265	**0.7**	*0.04*	0.08	*0.01*	153	**0.2**	*0.02*	0.02	*0.00*
Denmark	191	**0.8**	*0.06*	0.10	*0.01*	87	**0.3**	*0.03*	0.03	*0.00*
*Estonia	65	**1.3**	*0.17*	0.17	*0.03*	32	**0.3**	*0.06*	0.03	*0.01*
Finland	302	**1.3**	*0.08*	0.14	*0.01*	161	**0.4**	*0.03*	0.03	*0.01*
*France, Bas–Rhin	7	**0.2**	*0.07*	0.02	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
*France, Calvados	20	**0.8**	*0.18*	0.09	*0.03*	5	**0.1**	*0.05*	0.01	*0.01*
*France, Doubs	9	**0.5**	*0.17*	0.06	*0.02*	1	**0.1**	*0.07*	0.01	*0.01*
*France, Haut–Rhin	13	**0.4**	*0.13*	0.04	*0.02*	5	**0.1**	*0.05*	0.01	*0.01*
*France, Hérault	28	**0.6**	*0.12*	0.07	*0.02*	9	**0.2**	*0.08*	0.02	*0.01*
*France, Isère	12	**0.3**	*0.08*	0.03	*0.01*	4	**0.1**	*0.03*	0.00	*0.00*
*France, Loire–Atlantique	47	**1.0**	*0.15*	0.11	*0.02*	14	**0.2**	*0.06*	0.02	*0.01*
*France, Manche	21	**0.9**	*0.20*	0.10	*0.03*	9	**0.2**	*0.06*	0.01	*0.01*
*France, Somme	39	**1.7**	*0.30*	0.24	*0.05*	18	**0.4**	*0.11*	0.05	*0.02*
*France, Tarn	14	**0.7**	*0.20*	0.08	*0.03*	14	**0.6**	*0.19*	0.07	*0.02*
*France, Vendée	28	**0.9**	*0.19*	0.10	*0.03*	6	**0.1**	*0.07*	0.00	*0.00*
Germany, Brandenburg	66	**0.5**	*0.07*	0.07	*0.01*	27	**0.2**	*0.04*	0.02	*0.01*
Germany, Bremen	27	**0.9**	*0.18*	0.11	*0.02*	17	**0.3**	*0.09*	0.05	*0.02*
Germany, Free State of Saxony	65	**0.3**	*0.04*	0.04	*0.01*	22	**0.1**	*0.01*	0.01	*0.00*
Germany, Hamburg	17	**0.3**	*0.07*	0.03	*0.01*	18	**0.2**	*0.05*	0.02	*0.01*
Germany, Mecklenburg–Western Pomerania	55	**0.7**	*0.09*	0.07	*0.01*	24	**0.2**	*0.04*	0.02	*0.01*
Germany, Munich	43	**0.2**	*0.04*	0.03	*0.01*	33	**0.1**	*0.02*	0.01	*0.00*
Germany, North Rhine–Westphalia	8	**0.1**	*0.03*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
Germany, Saarland	24	**0.4**	*0.09*	0.05	*0.01*	7	**0.0**	*0.02*	–	-
Germany, Schleswig–Holstein	53	**0.4**	*0.05*	0.05	*0.01*	30	**0.1**	*0.03*	0.01	*0.00*
Iceland	20	**1.7**	*0.40*	0.21	*0.07*	2	**0.1**	*0.06*	–	-
Ireland	97	**0.7**	*0.07*	0.07	*0.01*	19	**0.1**	*0.02*	0.01	*0.00*
Italy, Biella	3	**0.3**	*0.17*	0.04	*0.03*	0	**-**	-	–	-
Italy, Brescia	17	**0.4**	*0.11*	0.05	*0.02*	1	**0.0**	*0.01*	–	-
Italy, Catania and Messina	42	**0.9**	*0.14*	0.10	*0.02*	10	**0.2**	*0.11*	0.01	*0.01*
Italy, Catanzaro	9	**0.8**	*0.29*	0.11	*0.04*	2	**0.1**	*0.05*	–	-
Italy, Como	20	**0.7**	*0.16*	0.08	*0.03*	5	**0.1**	*0.04*	0.01	*0.01*
Italy, Ferrara	50	**1.9**	*0.30*	0.21	*0.04*	20	**0.5**	*0.15*	0.04	*0.02*
Italy, Florence and Prato	28	**0.6**	*0.13*	0.07	*0.02*	10	**0.2**	*0.07*	0.02	*0.01*
Italy, Friuli–Venezia Giulia	72	**1.1**	*0.13*	0.12	*0.02*	19	**0.1**	*0.04*	0.01	*0.01*
Italy, Genoa	12	**0.3**	*0.09*	0.03	*0.01*	7	**0.0**	*0.02*	0.00	*0.00*
Italy, Latina	33	**1.3**	*0.24*	0.17	*0.04*	8	**0.2**	*0.09*	0.02	*0.01*
Italy, Lecco	13	**0.7**	*0.21*	0.08	*0.03*	3	**0.1**	*0.07*	0.01	*0.01*
Italy, Lombardy, South	12	**0.4**	*0.13*	0.04	*0.02*	1	**0.0**	*0.01*	–	-
Italy, Mantua	14	**1.0**	*0.28*	0.08	*0.04*	4	**0.2**	*0.09*	0.03	*0.02*
Italy, Milan	13	**0.3**	*0.08*	0.04	*0.01*	2	**0.0**	*0.01*	–	-
Italy, Modena	8	**0.2**	*0.09*	0.02	*0.01*	8	**0.1**	*0.05*	0.01	*0.01*
Italy, Naples	8	**0.5**	*0.17*	0.04	*0.02*	4	**0.2**	*0.09*	0.01	*0.01*
Italy, Nuoro	12	**0.9**	*0.29*	0.11	*0.04*	0	**-**	-	–	-
Italy, Palermo	49	**1.1**	*0.17*	0.15	*0.03*	8	**0.1**	*0.05*	0.02	*0.01*
Italy, Parma	4	**0.2**	*0.10*	0.03	*0.02*	0	**-**	-	–	-
Italy, Ragusa	9	**0.6**	*0.22*	0.07	*0.03*	1	**0.1**	*0.05*	0.01	*0.01*
Italy, Reggio Emilia	34	**1.1**	*0.21*	0.12	*0.03*	4	**0.1**	*0.04*	0.01	*0.01*
Italy, Romagna	55	**0.7**	*0.11*	0.08	*0.02*	10	**0.1**	*0.04*	0.00	*0.00*
Italy, Salerno	30	**0.6**	*0.12*	0.07	*0.02*	11	**0.1**	*0.05*	0.01	*0.01*
Italy, Sassari	40	**1.8**	*0.30*	0.22	*0.04*	3	**0.1**	*0.07*	0.01	*0.01*
Italy, Sondrio	10	**1.1**	*0.37*	0.12	*0.05*	9	**0.5**	*0.20*	0.08	*0.04*
Italy, South Tyrol	12	**0.7**	*0.20*	0.11	*0.04*	5	**0.3**	*0.13*	0.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lip (C00) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	19	**1.1**	*0.26*	0.15	*0.04*	1	**0.1**	*0.09*	0.01	*0.01*
Italy, Trapani	51	**3.2**	*0.48*	0.39	*0.07*	1	**0.0**	*0.02*	–	-
Italy, Trento	32	**1.6**	*0.30*	0.16	*0.04*	7	**0.1**	*0.05*	0.01	*0.01*
Italy, Turin	12	**0.3**	*0.08*	0.03	*0.01*	3	**0.1**	*0.03*	0.01	*0.01*
Italy, Umbria	21	**0.3**	*0.08*	0.03	*0.01*	8	**0.1**	*0.04*	0.01	*0.01*
Italy, Varese	18	**0.4**	*0.10*	0.05	*0.01*	8	**0.2**	*0.07*	0.02	*0.01*
Italy, Veneto	121	**1.2**	*0.11*	0.12	*0.02*	33	**0.2**	*0.04*	0.02	*0.01*
Latvia	72	**1.1**	*0.14*	0.14	*0.02*	26	**0.2**	*0.04*	0.02	*0.01*
Lithuania	206	**1.7**	*0.12*	0.21	*0.02*	91	**0.4**	*0.05*	0.05	*0.01*
Malta	19	**1.1**	*0.26*	0.10	*0.03*	2	**0.1**	*0.07*	0.01	*0.01*
*The Netherlands	644	**1.0**	*0.04*	0.12	*0.01*	325	**0.4**	*0.02*	0.05	*0.00*
*The Netherlands, Eindhoven	46	**1.1**	*0.17*	0.13	*0.02*	26	**0.5**	*0.10*	0.05	*0.01*
Norway	227	**1.2**	*0.08*	0.14	*0.01*	139	**0.5**	*0.05*	0.06	*0.01*
Poland, Cracow	18	**0.9**	*0.21*	0.09	*0.03*	3	**0.1**	*0.03*	0.01	*0.01*
Poland, Kielce	105	**2.1**	*0.22*	0.28	*0.03*	19	**0.2**	*0.06*	0.03	*0.01*
Poland, Lower Silesia	106	**1.1**	*0.11*	0.13	*0.02*	31	**0.2**	*0.03*	0.01	*0.00*
Poland, Podkarpackie	134	**1.9**	*0.17*	0.23	*0.03*	53	**0.5**	*0.08*	0.06	*0.01*
Portugal, Azores	50	**6.2**	*0.91*	0.68	*0.12*	8	**0.5**	*0.20*	0.06	*0.04*
Russian Federation, Saint Petersburg	86	**0.6**	*0.06*	0.08	*0.01*	41	**0.1**	*0.02*	0.01	*0.00*
*Serbia, Central	446	**1.9**	*0.10*	0.22	*0.01*	195	**0.7**	*0.06*	0.08	*0.01*
Slovakia	279	**1.6**	*0.10*	0.18	*0.01*	100	**0.3**	*0.04*	0.03	*0.01*
Slovenia	97	**1.2**	*0.12*	0.13	*0.02*	51	**0.4**	*0.06*	0.03	*0.01*
Spain, Albacete	120	**6.7**	*0.68*	0.80	*0.10*	14	**0.5**	*0.17*	0.08	*0.03*
Spain, Asturias	94	**1.5**	*0.17*	0.18	*0.03*	29	**0.3**	*0.07*	0.02	*0.01*
Spain, Basque Country	207	**1.9**	*0.14*	0.23	*0.02*	46	**0.3**	*0.05*	0.03	*0.01*
Spain, Canary Islands	176	**3.9**	*0.30*	0.47	*0.04*	24	**0.4**	*0.09*	0.06	*0.01*
Spain, Ciudad Real	40	**1.9**	*0.35*	0.18	*0.04*	8	**0.3**	*0.12*	0.03	*0.02*
Spain, Cuenca	77	**6.9**	*0.92*	0.87	*0.13*	5	**0.5**	*0.26*	0.05	*0.03*
Spain, Girona	84	**2.7**	*0.33*	0.34	*0.05*	10	**0.2**	*0.07*	0.03	*0.02*
*Spain, Granada	286	**8.6**	*0.54*	1.08	*0.08*	46	**0.8**	*0.13*	0.09	*0.02*
Spain, La Rioja	32	**1.8**	*0.35*	0.22	*0.06*	0	**-**	-	–	-
Spain, Mallorca	89	**2.8**	*0.31*	0.30	*0.04*	15	**0.4**	*0.10*	0.05	*0.02*
Spain, Murcia	140	**2.7**	*0.24*	0.30	*0.03*	16	**0.2**	*0.06*	0.02	*0.01*
Spain, Navarra	94	**3.3**	*0.36*	0.40	*0.05*	11	**0.2**	*0.08*	0.04	*0.02*
Spain, Tarragona	84	**2.5**	*0.30*	0.30	*0.04*	18	**0.4**	*0.12*	0.06	*0.02*
*Sweden	413	**0.8**	*0.04*	0.09	*0.01*	286	**0.5**	*0.03*	0.06	*0.01*
Switzerland, Basel	3	**0.1**	*0.06*	0.01	*0.01*	1	**0.0**	*0.01*	–	-
Switzerland, Geneva	8	**0.5**	*0.18*	0.08	*0.03*	7	**0.4**	*0.17*	0.05	*0.02*
Switzerland, Graubünden and Glarus	19	**1.8**	*0.43*	0.15	*0.05*	2	**0.2**	*0.12*	0.04	*0.03*
Switzerland, Neuchâtel	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, St Gall–Appenzell	13	**0.7**	*0.19*	0.07	*0.02*	6	**0.2**	*0.09*	0.02	*0.01*
Switzerland, Ticino	2	**0.1**	*0.05*	–	-	1	**0.1**	*0.08*	0.01	*0.01*
Switzerland, Valais	3	**0.1**	*0.08*	–	-	1	**0.0**	*0.03*	–	-
Switzerland, Vaud	11	**0.4**	*0.11*	0.03	*0.02*	2	**0.0**	*0.02*	–	-
Switzerland, Zurich	31	**0.5**	*0.10*	0.07	*0.02*	8	**0.1**	*0.04*	0.01	*0.01*
Ukraine	5266	**3.3**	*0.05*	0.42	*0.01*	1871	**0.6**	*0.02*	0.07	*0.00*
UK, England	721	**0.3**	*0.01*	0.04	*0.00*	371	**0.1**	*0.01*	0.01	*0.00*
UK, England, East of England Region	169	**0.7**	*0.05*	0.08	*0.01*	64	**0.2**	*0.03*	0.02	*0.00*
UK, England, North Western	34	**0.1**	*0.02*	0.01	*0.00*	26	**0.1**	*0.02*	0.01	*0.00*
UK, England, Northern and Yorkshire	146	**0.5**	*0.04*	0.06	*0.01*	84	**0.2**	*0.03*	0.02	*0.00*
UK, England, Oxford Region	103	**0.9**	*0.09*	0.10	*0.01*	52	**0.3**	*0.05*	0.03	*0.01*
UK, England, South and Western Regions	79	**0.3**	*0.03*	0.03	*0.00*	49	**0.1**	*0.02*	0.01	*0.00*
UK, England, Thames	80	**0.2**	*0.02*	0.02	*0.00*	50	**0.1**	*0.01*	0.01	*0.00*
UK, England, Trent	24	**0.2**	*0.04*	0.02	*0.01*	9	**0.1**	*0.02*	0.01	*0.00*
UK, England, West Midlands	74	**0.3**	*0.04*	0.04	*0.01*	32	**0.1**	*0.02*	0.01	*0.00*
UK, Northern Ireland	65	**1.0**	*0.12*	0.09	*0.02*	17	**0.2**	*0.05*	0.01	*0.01*
UK, Scotland	182	**0.8**	*0.06*	0.08	*0.01*	60	**0.2**	*0.03*	0.02	*0.00*
UK, Wales	67	**0.5**	*0.07*	0.05	*0.01*	26	**0.2**	*0.03*	0.02	*0.00*
Oceania										
Australian Capital Territory	15	**1.5**	*0.40*	0.17	*0.06*	10	**0.9**	*0.28*	0.11	*0.05*
Australia, New South Wales	855	**3.6**	*0.13*	0.39	*0.02*	319	**1.1**	*0.07*	0.11	*0.01*
Australia, Northern Territory	25	**4.6**	*0.99*	0.53	*0.16*	1	**0.2**	*0.17*	0.01	*0.01*
Australia, Northern Territory: Indigenous	1	**1.0**	*1.00*	0.10	*0.10*	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	22	**5.1**	*1.16*	0.59	*0.19*	1	**0.2**	*0.21*	0.02	*0.02*
Australia, Queensland	784	**5.8**	*0.21*	0.63	*0.03*	246	**1.5**	*0.11*	0.18	*0.02*
South Australia	373	**6.2**	*0.34*	0.68	*0.04*	125	**1.5**	*0.15*	0.13	*0.02*
Australia, Tasmania	129	**7.6**	*0.70*	0.83	*0.08*	50	**2.0**	*0.33*	0.20	*0.04*
Australia, Victoria	728	**3.9**	*0.15*	0.43	*0.02*	308	**1.3**	*0.08*	0.15	*0.01*
Western Australia	367	**5.3**	*0.28*	0.54	*0.03*	144	**1.8**	*0.16*	0.21	*0.02*
New Zealand	166	**1.2**	*0.10*	0.13	*0.01*	47	**0.3**	*0.04*	0.03	*0.01*
New Zealand: Maori	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
New Zealand: Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
New Zealand: Other	165	**1.4**	*0.11*	0.15	*0.01*	47	**0.3**	*0.05*	0.03	*0.01*
USA, Hawaii	22	**0.5**	*0.12*	0.07	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
*USA, Hawaii: Chinese	0	**-**	-	–	-	1	**0.1**	*0.10*	–	-
*USA, Hawaii: Filipino	2	**0.4**	*0.27*	0.07	*0.05*	1	**0.2**	*0.19*	0.03	*0.03*
*USA, Hawaii: Hawaiian	2	**0.4**	*0.31*	0.06	*0.05*	1	**0.2**	*0.18*	0.02	*0.02*
*USA, Hawaii: Japanese	4	**0.3**	*0.17*	0.04	*0.03*	1	**0.0**	*0.02*	–	-
*USA, Hawaii: White	12	**1.1**	*0.32*	0.14	*0.05*	5	**0.4**	*0.21*	0.04	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tongue (C01-02)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	6	**0.2**	*0.10*	–	-	1	**0.0**	*0.05*	–	-
Egypt, Gharbiah	43	**0.6**	*0.09*	0.08	*0.02*	42	**0.6**	*0.09*	0.07	*0.01*
*Libya, Benghazi	5	**0.4**	*0.20*	0.06	*0.03*	3	**0.2**	*0.13*	0.01	*0.01*
*Malawi, Blantyre	3	**0.3**	*0.19*	0.06	*0.04*	5	**0.4**	*0.28*	0.04	*0.03*
*South Africa, PROMEC	31	**2.1**	*0.39*	0.21	*0.04*	12	**0.4**	*0.12*	0.05	*0.02*
*Tunisia, North	36	**0.5**	*0.09*	0.07	*0.01*	24	**0.3**	*0.07*	0.03	*0.01*
*Uganda, Kyadondo County	10	**0.8**	*0.28*	0.08	*0.03*	5	**0.6**	*0.30*	0.08	*0.04*
*Zimbabwe, Harare: African	9	**0.9**	*0.33*	0.09	*0.04*	5	**0.4**	*0.25*	0.06	*0.04*
America, Central and South										
Argentina, Bahía Blanca	14	**1.6**	*0.45*	0.21	*0.07*	4	**0.5**	*0.24*	0.06	*0.03*
Argentina, Córdoba	33	**1.3**	*0.23*	0.15	*0.03*	17	**0.5**	*0.12*	0.06	*0.02*
Argentina, Mendoza	51	**1.2**	*0.17*	0.13	*0.02*	35	**0.6**	*0.11*	0.06	*0.01*
*Argentina, Tierra del Fuego	6	**2.9**	*1.27*	0.39	*0.19*	1	**0.3**	*0.33*	0.03	*0.03*
Brazil, Aracaju	29	**4.8**	*0.92*	0.58	*0.13*	9	**0.8**	*0.30*	0.06	*0.04*
Brazil, Belo Horizonte	114	**4.2**	*0.40*	0.47	*0.05*	39	**1.0**	*0.17*	0.11	*0.02*
Brazil, Cuiabá	38	**4.2**	*0.72*	0.53	*0.10*	16	**1.5**	*0.38*	0.14	*0.04*
Brazil, Fortaleza	118	**4.1**	*0.39*	0.48	*0.05*	38	**0.9**	*0.15*	0.09	*0.02*
Brazil, Goiânia	100	**4.8**	*0.49*	0.56	*0.07*	32	**1.2**	*0.22*	0.13	*0.03*
*Brazil, São Paulo	1243	**5.6**	*0.17*	0.66	*0.02*	407	**1.3**	*0.07*	0.14	*0.01*
Chile, Region of Antofagasta	7	**0.6**	*0.24*	0.06	*0.03*	5	**0.4**	*0.19*	0.04	*0.02*
Chile, Bío Bío Province	2	**0.2**	*0.15*	0.03	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
Chile, Valdivia	2	**0.2**	*0.17*	0.03	*0.02*	3	**0.2**	*0.12*	0.01	*0.01*
Colombia, Bucaramanga	23	**1.1**	*0.23*	0.15	*0.04*	27	**1.0**	*0.20*	0.12	*0.03*
Colombia, Cali	53	**1.3**	*0.18*	0.14	*0.03*	36	**0.6**	*0.10*	0.07	*0.02*
Colombia, Manizales	9	**1.0**	*0.35*	0.12	*0.05*	4	**0.3**	*0.14*	0.01	*0.01*
Colombia, Pasto	2	**0.3**	*0.18*	0.03	*0.02*	9	**0.9**	*0.29*	0.12	*0.05*
Costa Rica	80	**0.9**	*0.10*	0.09	*0.01*	56	**0.6**	*0.08*	0.06	*0.01*
Cuba, Villa Clara	52	**2.1**	*0.30*	0.23	*0.04*	16	**0.5**	*0.14*	0.06	*0.02*
Ecuador, Cuenca	5	**0.6**	*0.27*	0.08	*0.04*	6	**0.5**	*0.20*	0.07	*0.04*
Ecuador, Quito	13	**0.4**	*0.13*	0.04	*0.02*	26	**0.6**	*0.13*	0.07	*0.02*
*France, Martinique	23	**1.8**	*0.40*	0.19	*0.05*	4	**0.3**	*0.18*	0.03	*0.02*
*Jamaica, Kingston and St Andrew	18	**1.3**	*0.32*	0.17	*0.05*	5	**0.4**	*0.16*	0.05	*0.03*
USA, Puerto Rico	318	**2.5**	*0.15*	0.30	*0.02*	97	**0.6**	*0.06*	0.06	*0.01*
Uruguay	146	**2.4**	*0.21*	0.29	*0.03*	52	**0.6**	*0.09*	0.06	*0.01*
America, North										
Canada	2800	**2.4**	*0.05*	0.29	*0.01*	1307	**1.0**	*0.03*	0.11	*0.00*
Canada, Alberta	233	**2.2**	*0.15*	0.27	*0.02*	129	**1.1**	*0.10*	0.12	*0.01*
Canada, British Columbia	407	**2.6**	*0.13*	0.33	*0.02*	164	**0.9**	*0.07*	0.10	*0.01*
Canada, Manitoba	103	**2.6**	*0.26*	0.30	*0.03*	68	**1.4**	*0.19*	0.17	*0.03*
Canada, New Brunswick	48	**1.6**	*0.24*	0.18	*0.03*	20	**0.6**	*0.15*	0.09	*0.02*
Canada, Newfoundland and Labrador	37	**2.0**	*0.33*	0.25	*0.05*	14	**0.7**	*0.20*	0.07	*0.02*
*Canada, Northwest Territories	2	**2.1**	*1.62*	0.43	*0.38*	1	**0.7**	*0.66*	0.05	*0.05*
Canada, Nova Scotia	96	**2.7**	*0.29*	0.33	*0.04*	35	**0.8**	*0.15*	0.08	*0.02*
Canada, Ontario	1056	**2.4**	*0.08*	0.28	*0.01*	516	**1.0**	*0.05*	0.12	*0.01*
Canada, Prince Edward Island	9	**1.6**	*0.55*	0.19	*0.07*	5	**0.8**	*0.38*	0.13	*0.07*
*Canada, Quebec	737	**2.6**	*0.10*	0.32	*0.01*	311	**0.9**	*0.06*	0.12	*0.01*
Canada, Saskatchewan	70	**2.2**	*0.27*	0.27	*0.03*	41	**0.9**	*0.16*	0.11	*0.02*
*Canada, Yukon	2	**2.0**	*1.46*	0.30	*0.23*	3	**3.6**	*2.12*	0.61	*0.40*
USA, NPCR (42 states)	28067	**3.3**	*0.02*	0.40	*0.00*	11947	**1.2**	*0.01*	0.13	*0.00*
USA, NPCR (42 states): American Indian	106	**1.5**	*0.15*	0.18	*0.02*	52	**0.7**	*0.10*	0.09	*0.02*
USA, NPCR (42 states): Asian and Pacific Islander	325	**1.0**	*0.06*	0.12	*0.01*	267	**0.7**	*0.04*	0.08	*0.01*
USA, NPCR (42 states): Black	2269	**2.8**	*0.06*	0.35	*0.01*	845	**0.8**	*0.03*	0.09	*0.00*
USA, NPCR (42 states): White	24962	**3.4**	*0.02*	0.41	*0.00*	10567	**1.2**	*0.01*	0.14	*0.00*
USA, SEER (9 registries)	2904	**3.3**	*0.06*	0.40	*0.01*	1292	**1.2**	*0.04*	0.14	*0.00*
*USA, SEER (9 registries): Black	227	**3.0**	*0.21*	0.41	*0.03*	85	**0.8**	*0.09*	0.10	*0.01*
*USA, SEER (9 registries): White	2472	**3.4**	*0.07*	0.42	*0.01*	1085	**1.3**	*0.04*	0.15	*0.01*
USA, SEER (18 registries)	8135	**3.2**	*0.04*	0.39	*0.01*	3627	**1.2**	*0.02*	0.13	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	331	**1.5**	*0.09*	0.18	*0.01*	239	**0.9**	*0.06*	0.10	*0.01*
*USA, SEER (18 registries): Black	610	**2.7**	*0.11*	0.36	*0.02*	273	**0.9**	*0.05*	0.10	*0.01*
*USA, SEER (18 registries): Hispanic White	467	**1.7**	*0.08*	0.20	*0.01*	248	**0.7**	*0.05*	0.08	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	6609	**3.7**	*0.05*	0.45	*0.01*	2805	**1.3**	*0.03*	0.15	*0.00*
*USA, SEER (18 registries): White	7076	**3.4**	*0.04*	0.42	*0.01*	3053	**1.2**	*0.02*	0.14	*0.00*
USA, Alabama	547	**3.5**	*0.15*	0.41	*0.02*	210	**1.1**	*0.08*	0.13	*0.01*
USA, Alabama: Black	64	**2.2**	*0.29*	0.27	*0.04*	22	**0.6**	*0.12*	0.06	*0.02*
USA, Alabama: White	478	**3.9**	*0.18*	0.45	*0.02*	183	**1.2**	*0.10*	0.14	*0.01*
USA, Alaska	48	**2.7**	*0.40*	0.37	*0.06*	21	**1.2**	*0.27*	0.18	*0.05*
*USA, Alaska: American Indian	3	**1.2**	*0.71*	0.15	*0.10*	4	**1.5**	*0.77*	0.21	*0.12*
USA, Arizona	553	**2.9**	*0.13*	0.36	*0.02*	246	**1.1**	*0.07*	0.12	*0.01*
USA, Arizona: American Indian	5	**0.9**	*0.39*	0.11	*0.05*	3	**0.4**	*0.22*	0.05	*0.04*
USA, Arizona: Asian and Pacific Islander	4	**1.0**	*0.55*	0.17	*0.11*	4	**0.8**	*0.41*	0.08	*0.05*
USA, Arizona: Black	8	**1.7**	*0.60*	0.24	*0.09*	3	**0.4**	*0.25*	0.03	*0.02*
USA, Arizona: White	525	**3.0**	*0.13*	0.36	*0.02*	234	**1.1**	*0.08*	0.13	*0.01*
USA, Arkansas	298	**3.2**	*0.19*	0.36	*0.02*	145	**1.2**	*0.11*	0.15	*0.01*
USA, Arkansas: Black	19	**1.8**	*0.42*	0.18	*0.05*	11	**0.8**	*0.25*	0.09	*0.04*
USA, Arkansas: White	276	**3.4**	*0.21*	0.38	*0.03*	132	**1.3**	*0.12*	0.16	*0.02*
USA, California	3237	**3.0**	*0.05*	0.38	*0.01*	1509	**1.2**	*0.03*	0.14	*0.00*
USA, California: American Indian	15	**1.2**	*0.32*	0.15	*0.04*	7	**0.6**	*0.22*	0.08	*0.03*
USA, California: Asian and Pacific Islander	164	**1.2**	*0.09*	0.13	*0.01*	138	**0.8**	*0.07*	0.10	*0.01*
USA, California: Black	144	**2.3**	*0.20*	0.31	*0.03*	77	**1.0**	*0.11*	0.12	*0.02*
USA, California: White	2854	**3.3**	*0.06*	0.41	*0.01*	1255	**1.2**	*0.04*	0.14	*0.01*
USA, California, Los Angeles County	692	**2.5**	*0.10*	0.32	*0.01*	376	**1.1**	*0.06*	0.13	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	64	**1.5**	*0.19*	0.16	*0.02*	48	**0.9**	*0.13*	0.11	*0.02*
*USA, California, Los Angeles County: Black	63	**2.5**	*0.31*	0.33	*0.05*	45	**1.3**	*0.20*	0.15	*0.02*
*USA, California, Los Angeles County: Chinese	17	**1.4**	*0.36*	0.14	*0.04*	17	**1.2**	*0.31*	0.15	*0.04*
*USA, California, Los Angeles County: Filipino	15	**1.6**	*0.44*	0.19	*0.06*	10	**0.7**	*0.24*	0.05	*0.02*
*USA, California, Los Angeles County: Hispanic White	102	**1.4**	*0.14*	0.17	*0.02*	74	**0.7**	*0.09*	0.08	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tongue (C01-02) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	10	**2.1**	*0.76*	0.26	*0.10*	6	**0.7**	*0.34*	0.08	*0.04*
*USA, California, Los Angeles County: Korean	9	**1.5**	*0.50*	0.21	*0.08*	9	**1.2**	*0.41*	0.17	*0.06*
*USA, California, Los Angeles County: Non−Hispanic White	449	**3.7**	*0.18*	0.46	*0.03*	205	**1.4**	*0.11*	0.16	*0.01*
*USA, California, Los Angeles County: White	551	**2.8**	*0.12*	0.34	*0.02*	279	**1.1**	*0.07*	0.13	*0.01*
USA, California, San Francisco Bay Area	424	**3.1**	*0.15*	0.38	*0.02*	209	**1.2**	*0.09*	0.14	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	39	**1.3**	*0.22*	0.15	*0.03*	28	**0.7**	*0.15*	0.08	*0.02*
*USA, California, San Francisco Bay Area: Black	28	**2.5**	*0.48*	0.33	*0.07*	10	**0.7**	*0.22*	0.09	*0.03*
*USA, California, San Francisco Bay Area: Hispanic White	26	**2.0**	*0.41*	0.27	*0.06*	16	**0.9**	*0.24*	0.11	*0.04*
*USA, California, San Francisco Bay Area: Non−Hispanic White	321	**4.0**	*0.23*	0.49	*0.03*	148	**1.5**	*0.14*	0.18	*0.02*
*USA, California, San Francisco Bay Area: White	347	**3.6**	*0.20*	0.45	*0.03*	164	**1.4**	*0.12*	0.17	*0.02*
USA, Colorado	432	**3.0**	*0.15*	0.38	*0.02*	174	**1.1**	*0.08*	0.13	*0.01*
USA, Colorado: Asian and Pacific Islander	1	**0.5**	*0.48*	0.08	*0.08*	0	**-**	-	–	-
USA, Colorado: Black	9	**1.9**	*0.66*	0.29	*0.12*	3	**0.6**	*0.37*	0.06	*0.04*
USA, Colorado: White	415	**3.1**	*0.15*	0.39	*0.02*	166	**1.1**	*0.09*	0.13	*0.01*
USA, Connecticut	407	**3.4**	*0.17*	0.43	*0.02*	196	**1.3**	*0.10*	0.15	*0.01*
*USA, Connecticut: Black	26	**3.4**	*0.69*	0.55	*0.12*	9	**0.9**	*0.29*	0.12	*0.05*
*USA, Connecticut: White	372	**3.5**	*0.18*	0.42	*0.03*	184	**1.3**	*0.11*	0.16	*0.01*
USA, Delaware	112	**4.1**	*0.39*	0.50	*0.05*	33	**1.0**	*0.18*	0.12	*0.02*
USA, Delaware: Black	14	**3.4**	*0.92*	0.43	*0.13*	1	**0.2**	*0.17*	0.02	*0.02*
USA, Delaware: White	95	**4.2**	*0.44*	0.51	*0.06*	29	**1.0**	*0.21*	0.13	*0.03*
USA, Florida	2621	**4.0**	*0.08*	0.49	*0.01*	1055	**1.3**	*0.05*	0.16	*0.01*
USA, Florida: Asian and Pacific Islander	7	**0.6**	*0.24*	0.08	*0.04*	9	**0.7**	*0.24*	0.08	*0.03*
USA, Florida: Black	154	**2.4**	*0.20*	0.29	*0.03*	66	**0.8**	*0.10*	0.10	*0.01*
USA, Florida: White	2427	**4.3**	*0.09*	0.52	*0.01*	964	**1.4**	*0.05*	0.17	*0.01*
USA, Georgia	892	**3.4**	*0.12*	0.42	*0.02*	349	**1.1**	*0.06*	0.13	*0.01*
USA, Georgia: Asian and Pacific Islander	7	**1.0**	*0.41*	0.12	*0.05*	4	**0.5**	*0.27*	0.06	*0.04*
USA, Georgia: Black	142	**2.6**	*0.22*	0.32	*0.03*	65	**0.8**	*0.10*	0.09	*0.01*
USA, Georgia: White	733	**3.7**	*0.14*	0.45	*0.02*	275	**1.2**	*0.07*	0.14	*0.01*
USA, Georgia, Atlanta	288	**3.4**	*0.21*	0.44	*0.03*	102	**1.0**	*0.10*	0.11	*0.01*
*USA, Georgia, Atlanta: Black	62	**2.7**	*0.36*	0.35	*0.06*	20	**0.6**	*0.14*	0.07	*0.02*
*USA, Georgia, Atlanta: White	217	**3.9**	*0.27*	0.50	*0.04*	76	**1.1**	*0.14*	0.13	*0.02*
USA, Idaho	144	**3.0**	*0.26*	0.36	*0.04*	56	**1.0**	*0.15*	0.12	*0.02*
USA, Illinois	1342	**3.4**	*0.09*	0.40	*0.01*	600	**1.2**	*0.05*	0.14	*0.01*
USA, Illinois: Asian and Pacific Islander	20	**1.4**	*0.33*	0.16	*0.04*	11	**0.6**	*0.19*	0.05	*0.02*
USA, Illinois: Black	157	**3.4**	*0.28*	0.42	*0.04*	47	**0.7**	*0.11*	0.08	*0.01*
USA, Illinois: White	1126	**3.3**	*0.10*	0.40	*0.01*	524	**1.3**	*0.06*	0.15	*0.01*
USA, Indiana	629	**3.1**	*0.13*	0.37	*0.02*	283	**1.1**	*0.07*	0.12	*0.01*
USA, Indiana: Black	29	**2.3**	*0.44*	0.28	*0.06*	12	**0.7**	*0.19*	0.07	*0.02*
USA, Indiana: White	588	**3.1**	*0.13*	0.37	*0.02*	262	**1.1**	*0.08*	0.12	*0.01*
USA, Iowa	304	**3.0**	*0.18*	0.36	*0.02*	167	**1.4**	*0.12*	0.15	*0.01*
USA, Kentucky	436	**3.1**	*0.15*	0.38	*0.02*	172	**1.0**	*0.08*	0.12	*0.01*
USA, Louisiana	380	**3.4**	*0.18*	0.43	*0.03*	169	**1.2**	*0.10*	0.13	*0.01*
*USA, Louisiana: Black	68	**2.6**	*0.32*	0.35	*0.05*	32	**0.8**	*0.15*	0.08	*0.02*
*USA, Louisiana: White	311	**3.8**	*0.22*	0.47	*0.03*	136	**1.3**	*0.12*	0.15	*0.02*
*USA, Louisiana, New Orleans	74	**3.5**	*0.41*	0.42	*0.06*	27	**0.9**	*0.18*	0.09	*0.02*
*USA, Louisiana, New Orleans: Black	15	**2.3**	*0.61*	0.32	*0.09*	9	**0.8**	*0.28*	0.06	*0.02*
*USA, Louisiana, New Orleans: White	59	**4.2**	*0.57*	0.49	*0.07*	18	**0.9**	*0.24*	0.10	*0.03*
USA, Maine	164	**3.3**	*0.27*	0.39	*0.03*	83	**1.4**	*0.17*	0.16	*0.02*
USA, Massachusetts	763	**3.5**	*0.13*	0.43	*0.02*	349	**1.3**	*0.07*	0.15	*0.01*
USA, Massachusetts: Asian and Pacific Islander	5	**0.8**	*0.35*	0.11	*0.06*	6	**0.9**	*0.39*	0.13	*0.06*
USA, Massachusetts: Black	14	**1.3**	*0.36*	0.14	*0.04*	11	**0.9**	*0.27*	0.12	*0.04*
USA, Massachusetts: White	739	**3.7**	*0.14*	0.45	*0.02*	326	**1.3**	*0.08*	0.15	*0.01*
USA, Michigan	1129	**3.3**	*0.10*	0.40	*0.01*	475	**1.2**	*0.06*	0.13	*0.01*
USA, Michigan: Asian and Pacific Islander	4	**0.8**	*0.39*	0.12	*0.07*	6	**1.1**	*0.46*	0.14	*0.06*
USA, Michigan: Black	123	**3.7**	*0.34*	0.49	*0.05*	53	**1.1**	*0.15*	0.13	*0.02*
USA, Michigan: White	979	**3.3**	*0.11*	0.39	*0.01*	404	**1.2**	*0.06*	0.13	*0.01*
USA, Michigan, Detroit	465	**3.5**	*0.17*	0.43	*0.02*	178	**1.1**	*0.09*	0.12	*0.01*
*USA, Michigan, Detroit: Black	87	**3.6**	*0.40*	0.48	*0.06*	39	**1.1**	*0.17*	0.13	*0.02*
*USA, Michigan, Detroit: White	368	**3.6**	*0.19*	0.43	*0.03*	137	**1.1**	*0.11*	0.12	*0.01*
USA, Mississippi	300	**3.4**	*0.20*	0.40	*0.03*	114	**1.0**	*0.10*	0.11	*0.01*
USA, Missouri	647	**3.3**	*0.13*	0.38	*0.02*	256	**1.1**	*0.07*	0.14	*0.01*
USA, Missouri: Black	42	**2.7**	*0.42*	0.33	*0.06*	20	**0.9**	*0.21*	0.10	*0.03*
USA, Missouri: White	596	**3.4**	*0.14*	0.39	*0.02*	231	**1.1**	*0.08*	0.14	*0.01*
USA, Montana	88	**2.5**	*0.28*	0.30	*0.04*	31	**0.8**	*0.16*	0.09	*0.02*
USA, Montana: American Indian	3	**2.5**	*1.48*	0.41	*0.27*	1	**0.9**	*0.86*	0.11	*0.11*
USA, Nebraska	176	**3.0**	*0.24*	0.37	*0.03*	93	**1.3**	*0.15*	0.14	*0.02*
USA, Nebraska: Black	3	**1.6**	*0.93*	0.18	*0.11*	1	**0.5**	*0.52*	0.06	*0.06*
USA, Nebraska: White	166	**3.0**	*0.24*	0.37	*0.03*	87	**1.3**	*0.15*	0.14	*0.02*
USA, New Hampshire	142	**3.1**	*0.26*	0.37	*0.04*	65	**1.2**	*0.17*	0.14	*0.02*
USA, New Jersey	993	**3.5**	*0.11*	0.43	*0.02*	443	**1.2**	*0.06*	0.14	*0.01*
*USA, New Jersey: Black	102	**3.4**	*0.34*	0.42	*0.05*	36	**0.9**	*0.15*	0.12	*0.02*
*USA, New Jersey: White	854	**3.6**	*0.13*	0.44	*0.02*	380	**1.2**	*0.07*	0.14	*0.01*
USA, New Mexico	163	**2.5**	*0.20*	0.29	*0.03*	65	**0.9**	*0.12*	0.10	*0.02*
*USA, New Mexico: Hispanic White	34	**1.7**	*0.29*	0.19	*0.04*	15	**0.7**	*0.19*	0.08	*0.02*
*USA, New Mexico: Non−Hispanic White	126	**3.4**	*0.32*	0.39	*0.04*	46	**1.1**	*0.18*	0.13	*0.02*
*USA, New Mexico: White	160	**2.7**	*0.22*	0.32	*0.03*	61	**0.9**	*0.13*	0.11	*0.02*
USA, New York State	1922	**3.0**	*0.07*	0.38	*0.01*	851	**1.1**	*0.04*	0.13	*0.01*
USA, New York State: Asian and Pacific Islander	33	**0.9**	*0.16*	0.12	*0.02*	29	**0.7**	*0.13*	0.08	*0.02*
USA, New York State: Black	213	**2.6**	*0.18*	0.33	*0.03*	94	**0.7**	*0.08*	0.09	*0.01*
USA, New York State: White	1643	**3.2**	*0.08*	0.40	*0.01*	704	**1.1**	*0.05*	0.13	*0.01*
USA, North Carolina	939	**3.4**	*0.11*	0.41	*0.02*	361	**1.0**	*0.06*	0.12	*0.01*
USA, North Carolina: American Indian	4	**1.3**	*0.66*	0.13	*0.07*	5	**1.5**	*0.67*	0.17	*0.09*
USA, North Carolina: Asian and Pacific Islander	3	**0.9**	*0.52*	0.15	*0.11*	2	**0.4**	*0.29*	0.05	*0.03*
USA, North Carolina: Black	170	**3.6**	*0.28*	0.43	*0.04*	46	**0.7**	*0.10*	0.08	*0.01*
USA, North Carolina: White	755	**3.3**	*0.12*	0.41	*0.02*	305	**1.1**	*0.07*	0.12	*0.01*
USA, North Dakota	53	**2.4**	*0.34*	0.27	*0.04*	23	**1.0**	*0.21*	0.12	*0.03*
USA, Ohio	1212	**3.1**	*0.09*	0.37	*0.01*	526	**1.1**	*0.05*	0.13	*0.01*
USA, Ohio: Asian and Pacific Islander	3	**0.8**	*0.48*	0.08	*0.06*	4	**0.7**	*0.38*	0.09	*0.07*
USA, Ohio: Black	95	**2.8**	*0.30*	0.37	*0.04*	41	**0.9**	*0.15*	0.10	*0.02*
USA, Ohio: White	1093	**3.1**	*0.10*	0.37	*0.01*	472	**1.1**	*0.06*	0.13	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tongue (C01-02) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	403	**3.4**	*0.17*	0.40	*0.02*	183	**1.4**	*0.11*	0.16	*0.01*
USA, Oklahoma: American Indian	22	**2.6**	*0.57*	0.24	*0.07*	9	**1.0**	*0.35*	0.13	*0.05*
USA, Oklahoma: Black	14	**1.9**	*0.53*	0.23	*0.08*	10	**1.2**	*0.41*	0.14	*0.06*
USA, Oklahoma: White	361	**3.6**	*0.19*	0.43	*0.03*	160	**1.4**	*0.12*	0.16	*0.01*
USA, Oregon	453	**3.5**	*0.17*	0.43	*0.02*	175	**1.1**	*0.09*	0.13	*0.01*
USA, Oregon: Asian and Pacific Islander	5	**1.4**	*0.64*	0.11	*0.07*	5	**1.1**	*0.52*	0.12	*0.07*
USA, Oregon: Black	2	**1.0**	*0.69*	0.12	*0.09*	1	**0.5**	*0.53*	0.04	*0.04*
USA, Oregon: White	430	**3.5**	*0.18*	0.43	*0.02*	164	**1.1**	*0.10*	0.13	*0.01*
USA, Pennsylvania	1521	**3.5**	*0.09*	0.42	*0.01*	663	**1.2**	*0.05*	0.14	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	4	**0.7**	*0.33*	0.11	*0.06*	3	**0.4**	*0.23*	0.04	*0.03*
USA, Pennsylvania: Black	100	**3.1**	*0.32*	0.42	*0.05*	42	**0.9**	*0.15*	0.12	*0.02*
USA, Pennsylvania: White	1397	**3.5**	*0.10*	0.42	*0.01*	606	**1.3**	*0.06*	0.14	*0.01*
USA, Rhode Island	118	**3.2**	*0.31*	0.34	*0.04*	52	**1.3**	*0.18*	0.15	*0.02*
USA, Rhode Island: Black	3	**2.3**	*1.35*	0.28	*0.17*	0	**-**	-	–	-
USA, Rhode Island: White	111	**3.2**	*0.32*	0.34	*0.04*	50	**1.3**	*0.20*	0.16	*0.03*
USA, South Carolina	511	**3.6**	*0.16*	0.44	*0.02*	173	**1.0**	*0.08*	0.11	*0.01*
USA, South Carolina: Black	117	**3.7**	*0.35*	0.45	*0.05*	25	**0.6**	*0.12*	0.06	*0.01*
USA, South Carolina: White	391	**3.7**	*0.19*	0.44	*0.02*	143	**1.1**	*0.10*	0.13	*0.01*
USA, South Dakota	49	**1.8**	*0.27*	0.20	*0.03*	37	**1.2**	*0.21*	0.13	*0.03*
USA, Tennessee	650	**3.3**	*0.13*	0.38	*0.02*	275	**1.1**	*0.07*	0.13	*0.01*
USA, Tennessee: Black	61	**2.7**	*0.35*	0.32	*0.05*	20	**0.7**	*0.15*	0.08	*0.02*
USA, Tennessee: White	584	**3.4**	*0.14*	0.39	*0.02*	252	**1.2**	*0.08*	0.14	*0.01*
USA, Texas	2087	**3.2**	*0.07*	0.39	*0.01*	838	**1.1**	*0.04*	0.12	*0.01*
USA, Texas: Asian and Pacific Islander	8	**0.4**	*0.16*	0.06	*0.03*	8	**0.4**	*0.15*	0.06	*0.02*
USA, Texas: Black	151	**2.5**	*0.21*	0.30	*0.03*	59	**0.7**	*0.10*	0.08	*0.01*
USA, Texas: White	1886	**3.3**	*0.08*	0.40	*0.01*	758	**1.1**	*0.04*	0.13	*0.01*
USA, Utah	135	**2.1**	*0.19*	0.28	*0.03*	58	**0.8**	*0.11*	0.09	*0.01*
USA, Vermont	92	**4.1**	*0.44*	0.52	*0.06*	28	**1.0**	*0.20*	0.10	*0.02*
USA, Virginia	770	**3.2**	*0.12*	0.38	*0.02*	304	**1.0**	*0.06*	0.12	*0.01*
USA, Virginia: Asian and Pacific Islander	12	**1.3**	*0.41*	0.13	*0.05*	1	**0.1**	*0.12*	0.02	*0.02*
USA, Virginia: Black	122	**3.3**	*0.30*	0.43	*0.04*	36	**0.8**	*0.13*	0.10	*0.02*
USA, Virginia: White	625	**3.2**	*0.13*	0.39	*0.02*	259	**1.1**	*0.08*	0.13	*0.01*
USA, Washington State	750	**3.6**	*0.13*	0.45	*0.02*	317	**1.3**	*0.08*	0.16	*0.01*
USA, Washington, Seattle	539	**3.8**	*0.17*	0.47	*0.02*	227	**1.4**	*0.10*	0.17	*0.01*
USA, West Virginia	229	**3.4**	*0.23*	0.41	*0.03*	92	**1.3**	*0.14*	0.14	*0.02*
USA, Wisconsin	619	**3.3**	*0.14*	0.40	*0.02*	259	**1.2**	*0.08*	0.14	*0.01*
USA, Wisconsin: Black	26	**3.9**	*0.80*	0.50	*0.13*	7	**0.8**	*0.33*	0.09	*0.04*
USA, Wisconsin: White	574	**3.2**	*0.14*	0.40	*0.02*	249	**1.2**	*0.09*	0.15	*0.01*
USA, Wyoming	37	**1.9**	*0.32*	0.19	*0.04*	24	**1.3**	*0.28*	0.15	*0.04*
Asia										
Bahrain: Bahraini	5	**0.8**	*0.37*	0.13	*0.07*	1	**0.2**	*0.17*	0.02	*0.02*
China, Beijing City	139	**0.5**	*0.04*	0.06	*0.01*	122	**0.4**	*0.04*	0.05	*0.01*
*China, Cixian County	5	**0.4**	*0.18*	0.04	*0.02*	4	**0.4**	*0.20*	0.01	*0.01*
China, Haining County	8	**0.4**	*0.14*	0.04	*0.02*	2	**0.1**	*0.06*	0.01	*0.00*
*China, Harbin City, Nangang District	26	**0.9**	*0.18*	0.10	*0.02*	5	**0.2**	*0.08*	0.03	*0.01*
China, Hong Kong	474	**2.0**	*0.09*	0.23	*0.01*	304	**1.1**	*0.07*	0.13	*0.01*
China, Jiashan County	5	**0.3**	*0.14*	0.05	*0.03*	9	**0.5**	*0.17*	0.04	*0.02*
China, Jiaxing City	16	**1.5**	*0.39*	0.19	*0.05*	3	**0.3**	*0.17*	0.05	*0.03*
China, Macao	19	**1.3**	*0.31*	0.13	*0.04*	19	**1.1**	*0.28*	0.12	*0.04*
China, Qidong County	8	**0.2**	*0.07*	0.03	*0.01*	9	**0.2**	*0.06*	0.02	*0.01*
*China, Shanghai City	180	**0.7**	*0.05*	0.08	*0.01*	159	**0.5**	*0.04*	0.06	*0.01*
*China, Wuhan City	89	**0.6**	*0.07*	0.08	*0.01*	65	**0.4**	*0.05*	0.05	*0.01*
*China, Yangcheng County	5	**0.5**	*0.25*	0.06	*0.03*	3	**0.3**	*0.16*	0.03	*0.02*
*China, Yanting County	4	**0.2**	*0.11*	0.03	*0.01*	2	**0.1**	*0.09*	0.02	*0.01*
*China, Zhongshan City	63	**2.2**	*0.29*	0.23	*0.03*	26	**0.9**	*0.18*	0.10	*0.02*
*India, Bangalore	311	**4.0**	*0.24*	0.48	*0.03*	91	**1.3**	*0.14*	0.16	*0.02*
*India; Barshi, Paranda, and Bhum	19	**1.7**	*0.41*	0.19	*0.05*	3	**0.2**	*0.13*	0.02	*0.01*
*India, Bhopal	244	**10.3**	*0.69*	1.27	*0.10*	49	**2.2**	*0.32*	0.24	*0.04*
*India, Chennai	614	**5.9**	*0.24*	0.70	*0.03*	211	**2.1**	*0.15*	0.27	*0.02*
*India, Dindigul, Ambilikkai	127	**2.7**	*0.24*	0.32	*0.03*	32	**0.7**	*0.12*	0.07	*0.01*
*India, Karunagappally	62	**5.7**	*0.73*	0.61	*0.09*	33	**2.7**	*0.48*	0.35	*0.07*
*India, Mizoram	54	**3.0**	*0.43*	0.31	*0.05*	7	**0.5**	*0.19*	0.08	*0.03*
*India, Mumbai	1304	**4.8**	*0.14*	0.54	*0.02*	472	**1.9**	*0.09*	0.23	*0.01*
*India, New Delhi	1914	**7.4**	*0.18*	0.90	*0.03*	471	**2.1**	*0.10*	0.25	*0.01*
*India, Poona	241	**3.0**	*0.20*	0.34	*0.03*	129	**1.7**	*0.15*	0.20	*0.02*
*India, Sikkim State	20	**2.2**	*0.50*	0.34	*0.09*	12	**1.7**	*0.51*	0.23	*0.07*
*India, Trivandrum	110	**6.8**	*0.65*	0.80	*0.09*	64	**3.5**	*0.44*	0.45	*0.06*
*Iran (Islamic Republic of), Golestan Province	10	**0.6**	*0.22*	0.07	*0.03*	4	**0.2**	*0.09*	0.01	*0.01*
Israel	171	**0.9**	*0.07*	0.10	*0.01*	150	**0.6**	*0.06*	0.07	*0.01*
*Israel: Jews	154	**0.9**	*0.08*	0.10	*0.01*	143	**0.7**	*0.06*	0.08	*0.01*
*Israel: Non–Jews	17	**1.0**	*0.24*	0.17	*0.05*	7	**0.4**	*0.13*	0.04	*0.02*
Japan, Aichi Prefecture	87	**1.5**	*0.17*	0.18	*0.02*	73	**1.2**	*0.16*	0.13	*0.02*
Japan, Fukui Prefecture	42	**1.1**	*0.20*	0.12	*0.02*	22	**0.5**	*0.13*	0.05	*0.01*
Japan, Hiroshima	119	**2.4**	*0.23*	0.27	*0.03*	74	**1.4**	*0.18*	0.14	*0.02*
Japan, Miyagi Prefecture	168	**1.6**	*0.14*	0.18	*0.02*	98	**0.8**	*0.09*	0.09	*0.01*
Japan, Nagasaki Prefecture	176	**2.6**	*0.21*	0.31	*0.03*	99	**1.1**	*0.14*	0.12	*0.02*
Japan, Niigata Prefecture	191	**1.6**	*0.13*	0.19	*0.02*	103	**0.7**	*0.09*	0.07	*0.01*
*Japan, Osaka Prefecture	699	**1.7**	*0.07*	0.21	*0.01*	373	**0.8**	*0.05*	0.08	*0.01*
Japan, Saga Prefecture	63	**1.6**	*0.22*	0.19	*0.03*	38	**0.8**	*0.14*	0.09	*0.02*
Republic of Korea	1422	**1.1**	*0.03*	0.13	*0.00*	695	**0.4**	*0.02*	0.05	*0.00*
Republic of Korea, Busan	113	**1.0**	*0.10*	0.12	*0.01*	55	**0.4**	*0.06*	0.05	*0.01*
Republic of Korea, Daegu	64	**0.9**	*0.12*	0.13	*0.02*	31	**0.4**	*0.07*	0.05	*0.01*
Republic of Korea, Daejeon	38	**1.0**	*0.18*	0.11	*0.02*	18	**0.5**	*0.12*	0.04	*0.01*
Republic of Korea, Gwangju	34	**1.0**	*0.17*	0.12	*0.03*	20	**0.5**	*0.10*	0.05	*0.01*
Republic of Korea, Incheon	74	**1.1**	*0.13*	0.14	*0.02*	34	**0.4**	*0.08*	0.05	*0.01*
Republic of Korea, Jejudo	16	**1.4**	*0.34*	0.16	*0.05*	12	**0.8**	*0.23*	0.09	*0.03*
Republic of Korea, Seoul	306	**1.1**	*0.07*	0.13	*0.01*	158	**0.5**	*0.04*	0.06	*0.01*
Republic of Korea, Ulsan	22	**0.9**	*0.21*	0.06	*0.02*	11	**0.3**	*0.11*	0.05	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tongue (C01-02) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	30	**0.6**	*0.15*	0.07	*0.02*	15	**0.5**	*0.16*	0.08	*0.03*
*Kuwait: Kuwaitis	9	**0.7**	*0.25*	0.09	*0.04*	8	**0.5**	*0.19*	0.06	*0.03*
*Kuwait: Non−Kuwaitis	21	**0.4**	*0.16*	0.06	*0.04*	7	**0.6**	*0.33*	0.13	*0.08*
*Malaysia, Penang	32	**1.4**	*0.26*	0.20	*0.04*	19	**0.7**	*0.16*	0.07	*0.02*
*Malaysia, Penang: Chinese	15	**1.1**	*0.30*	0.15	*0.05*	10	**0.6**	*0.19*	0.05	*0.02*
*Malaysia, Penang: Indian	11	**5.4**	*1.74*	0.91	*0.33*	4	**1.9**	*0.96*	0.19	*0.11*
*Malaysia, Penang: Malay	6	**0.9**	*0.38*	0.10	*0.05*	5	**0.6**	*0.26*	0.07	*0.04*
*Philippines, Manila	125	**1.6**	*0.16*	0.19	*0.02*	95	**1.0**	*0.11*	0.13	*0.02*
*Philippines, Rizal	123	**1.4**	*0.14*	0.17	*0.02*	97	**1.0**	*0.10*	0.14	*0.02*
Qatar: Qatari	3	**0.9**	*0.59*	0.10	*0.07*	2	**0.7**	*0.51*	0.10	*0.08*
*Saudi Arabia, Riyadh: Saudi	35	**0.7**	*0.13*	0.08	*0.02*	18	**0.4**	*0.10*	0.06	*0.02*
Singapore	154	**1.5**	*0.13*	0.18	*0.02*	74	**0.6**	*0.08*	0.07	*0.01*
Singapore: Chinese	122	**1.5**	*0.14*	0.18	*0.02*	52	**0.6**	*0.08*	0.06	*0.01*
Singapore: Indian	23	**3.2**	*0.69*	0.33	*0.10*	9	**1.3**	*0.45*	0.18	*0.08*
Singapore: Malay	5	**0.4**	*0.19*	0.02	*0.01*	12	**0.9**	*0.27*	0.04	*0.02*
Thailand, Bangkok	294	**2.0**	*0.12*	0.24	*0.02*	123	**0.6**	*0.06*	0.06	*0.01*
Thailand, Chiang Mai	58	**1.3**	*0.18*	0.16	*0.03*	23	**0.4**	*0.10*	0.04	*0.01*
Thailand, Chonburi	99	**3.9**	*0.40*	0.46	*0.06*	34	**1.1**	*0.20*	0.14	*0.03*
*Thailand, Khon Kaen	53	**1.2**	*0.17*	0.13	*0.02*	39	**0.8**	*0.13*	0.09	*0.02*
Thailand, Lampang	39	**1.6**	*0.25*	0.15	*0.03*	24	**0.9**	*0.18*	0.11	*0.03*
*Thailand, Songkhla	93	**3.7**	*0.39*	0.42	*0.05*	17	**0.6**	*0.15*	0.06	*0.02*
*Turkey, Antalya	30	**0.8**	*0.15*	0.09	*0.02*	20	**0.5**	*0.12*	0.06	*0.02*
*Turkey, Edirne	11	**1.0**	*0.30*	0.09	*0.03*	3	**0.3**	*0.15*	0.05	*0.03*
*Turkey, Izmir	88	**0.9**	*0.10*	0.11	*0.01*	70	**0.7**	*0.08*	0.08	*0.01*
*Turkey, Trabzon	6	**0.5**	*0.21*	0.06	*0.03*	7	**0.4**	*0.17*	0.06	*0.03*
Europe										
Austria	705	**2.4**	*0.09*	0.29	*0.01*	291	**0.9**	*0.05*	0.10	*0.01*
Austria, Tyrol	37	**1.5**	*0.26*	0.16	*0.03*	28	**1.0**	*0.21*	0.13	*0.03*
Austria, Vorarlberg	27	**2.3**	*0.44*	0.28	*0.06*	11	**1.0**	*0.29*	0.11	*0.03*
*Belarus	871	**3.0**	*0.10*	0.36	*0.01*	109	**0.2**	*0.03*	0.03	*0.00*
*Belgium	964	**3.1**	*0.10*	0.37	*0.01*	338	**1.0**	*0.06*	0.11	*0.01*
Bulgaria	554	**1.9**	*0.08*	0.23	*0.01*	138	**0.4**	*0.04*	0.04	*0.00*
Croatia	596	**3.7**	*0.15*	0.45	*0.02*	99	**0.5**	*0.06*	0.06	*0.01*
Cyprus	23	**0.9**	*0.19*	0.12	*0.03*	12	**0.5**	*0.15*	0.06	*0.02*
Czech Republic	964	**2.6**	*0.09*	0.30	*0.01*	291	**0.6**	*0.04*	0.07	*0.01*
Denmark	412	**2.0**	*0.10*	0.24	*0.01*	233	**0.9**	*0.07*	0.11	*0.01*
*Estonia	117	**2.7**	*0.25*	0.36	*0.04*	44	**0.6**	*0.11*	0.07	*0.01*
Finland	292	**1.4**	*0.09*	0.16	*0.01*	280	**1.1**	*0.07*	0.12	*0.01*
*France, Bas−Rhin	126	**3.4**	*0.31*	0.44	*0.04*	42	**0.9**	*0.16*	0.10	*0.02*
*France, Calvados	93	**4.1**	*0.44*	0.47	*0.06*	33	**1.4**	*0.26*	0.14	*0.03*
*France, Doubs	72	**4.0**	*0.48*	0.47	*0.06*	11	**0.5**	*0.16*	0.06	*0.02*
*France, Haut−Rhin	100	**3.7**	*0.38*	0.47	*0.05*	29	**1.0**	*0.20*	0.12	*0.03*
*France, Hérault	151	**4.3**	*0.37*	0.50	*0.04*	45	**1.1**	*0.17*	0.14	*0.02*
*France, Isère	130	**3.2**	*0.29*	0.36	*0.04*	45	**1.1**	*0.17*	0.13	*0.02*
*France, Loire−Atlantique	199	**4.9**	*0.36*	0.60	*0.05*	43	**0.8**	*0.14*	0.10	*0.02*
*France, Manche	82	**4.1**	*0.48*	0.50	*0.06*	15	**0.7**	*0.21*	0.07	*0.02*
*France, Somme	97	**4.9**	*0.52*	0.56	*0.06*	31	**1.6**	*0.30*	0.19	*0.04*
*France, Tarn	45	**2.9**	*0.46*	0.32	*0.05*	21	**1.0**	*0.25*	0.11	*0.03*
*France, Vendée	104	**4.5**	*0.47*	0.53	*0.06*	15	**0.6**	*0.16*	0.08	*0.02*
Germany, Brandenburg	308	**2.9**	*0.17*	0.33	*0.02*	93	**0.7**	*0.08*	0.09	*0.01*
Germany, Bremen	110	**3.9**	*0.39*	0.48	*0.05*	44	**1.4**	*0.24*	0.16	*0.03*
Germany, Free State of Saxony	463	**2.7**	*0.13*	0.30	*0.01*	181	**0.8**	*0.07*	0.09	*0.01*
Germany, Hamburg	193	**2.9**	*0.22*	0.35	*0.03*	96	**1.2**	*0.13*	0.14	*0.02*
Germany, Mecklenburg−Western Pomerania	236	**3.4**	*0.22*	0.39	*0.03*	64	**0.8**	*0.11*	0.09	*0.01*
Germany, Munich	482	**3.2**	*0.15*	0.38	*0.02*	168	**1.0**	*0.08*	0.11	*0.01*
Germany, North Rhine−Westphalia	238	**2.3**	*0.16*	0.29	*0.02*	119	**1.0**	*0.10*	0.11	*0.01*
Germany, Saarland	138	**3.2**	*0.29*	0.38	*0.03*	56	**1.0**	*0.15*	0.11	*0.02*
Germany, Schleswig−Holstein	308	**2.6**	*0.16*	0.30	*0.02*	125	**0.9**	*0.09*	0.10	*0.01*
Iceland	13	**1.4**	*0.40*	0.20	*0.06*	7	**0.6**	*0.22*	0.07	*0.04*
Ireland	226	**1.7**	*0.12*	0.20	*0.02*	115	**0.8**	*0.08*	0.10	*0.01*
Italy, Biella	32	**3.8**	*0.74*	0.44	*0.09*	12	**1.2**	*0.45*	0.11	*0.04*
Italy, Brescia	70	**2.0**	*0.24*	0.23	*0.03*	35	**0.9**	*0.17*	0.11	*0.02*
Italy, Catania and Messina	66	**1.7**	*0.22*	0.19	*0.03*	35	**0.6**	*0.12*	0.08	*0.02*
Italy, Catanzaro	18	**1.6**	*0.40*	0.18	*0.06*	8	**0.6**	*0.24*	0.07	*0.03*
Italy, Como	43	**1.7**	*0.28*	0.17	*0.03*	20	**0.5**	*0.14*	0.05	*0.02*
Italy, Ferrara	44	**2.7**	*0.46*	0.32	*0.05*	18	**1.0**	*0.25*	0.12	*0.03*
Italy, Florence and Prato	52	**1.7**	*0.26*	0.21	*0.03*	32	**0.7**	*0.15*	0.08	*0.02*
Italy, Friuli−Venezia Giulia	170	**3.1**	*0.25*	0.38	*0.03*	82	**1.3**	*0.16*	0.15	*0.02*
Italy, Genoa	88	**2.6**	*0.31*	0.31	*0.04*	49	**0.9**	*0.16*	0.11	*0.02*
Italy, Latina	28	**1.2**	*0.25*	0.18	*0.04*	10	**0.4**	*0.14*	0.03	*0.01*
Italy, Lecco	26	**2.0**	*0.40*	0.21	*0.04*	16	**1.3**	*0.40*	0.11	*0.03*
Italy, Lombardy, South	54	**2.7**	*0.39*	0.32	*0.05*	27	**0.9**	*0.21*	0.11	*0.03*
Italy, Mantua	21	**2.0**	*0.47*	0.22	*0.06*	14	**0.8**	*0.28*	0.08	*0.03*
Italy, Milan	130	**3.0**	*0.28*	0.36	*0.03*	55	**0.8**	*0.15*	0.09	*0.02*
Italy, Modena	53	**1.8**	*0.26*	0.23	*0.03*	22	**0.6**	*0.14*	0.07	*0.02*
Italy, Naples	16	**1.0**	*0.24*	0.11	*0.03*	7	**0.3**	*0.14*	0.05	*0.02*
Italy, Nuoro	27	**3.0**	*0.58*	0.33	*0.07*	8	**0.7**	*0.27*	0.08	*0.03*
Italy, Palermo	47	**1.3**	*0.20*	0.14	*0.02*	45	**1.0**	*0.16*	0.10	*0.02*
Italy, Parma	43	**2.4**	*0.39*	0.27	*0.05*	18	**0.8**	*0.25*	0.10	*0.03*
Italy, Ragusa	13	**1.1**	*0.32*	0.15	*0.05*	6	**0.3**	*0.13*	0.02	*0.02*
Italy, Reggio Emilia	33	**1.5**	*0.27*	0.18	*0.04*	19	**0.6**	*0.16*	0.07	*0.02*
Italy, Romagna	96	**1.8**	*0.20*	0.21	*0.02*	67	**1.2**	*0.17*	0.13	*0.02*
Italy, Salerno	38	**1.0**	*0.16*	0.11	*0.02*	27	**0.5**	*0.11*	0.06	*0.01*
Italy, Sassari	49	**2.7**	*0.40*	0.33	*0.05*	19	**0.9**	*0.23*	0.10	*0.03*
Italy, Sondrio	16	**2.1**	*0.53*	0.30	*0.08*	7	**0.8**	*0.32*	0.09	*0.04*
Italy, South Tyrol	35	**2.5**	*0.45*	0.26	*0.05*	18	**1.1**	*0.27*	0.12	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tongue (C01-02) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	19	**1.1**	*0.28*	0.15	*0.04*	22	**1.2**	*0.29*	0.13	*0.03*
Italy, Trapani	10	**0.7**	*0.22*	0.08	*0.03*	11	**0.6**	*0.22*	0.08	*0.03*
Italy, Trento	36	**2.1**	*0.36*	0.28	*0.05*	10	**0.5**	*0.19*	0.06	*0.02*
Italy, Turin	81	**1.9**	*0.23*	0.22	*0.03*	43	**0.7**	*0.14*	0.07	*0.02*
Italy, Umbria	65	**1.7**	*0.23*	0.18	*0.03*	22	**0.3**	*0.08*	0.04	*0.01*
Italy, Varese	91	**2.7**	*0.30*	0.33	*0.04*	48	**1.1**	*0.18*	0.13	*0.02*
Italy, Veneto	206	**2.7**	*0.20*	0.33	*0.03*	104	**1.1**	*0.12*	0.12	*0.01*
Latvia	113	**1.9**	*0.18*	0.24	*0.02*	29	**0.3**	*0.06*	0.04	*0.01*
Lithuania	272	**2.7**	*0.16*	0.34	*0.02*	46	**0.3**	*0.05*	0.03	*0.01*
Malta	20	**1.3**	*0.29*	0.15	*0.04*	10	**0.5**	*0.16*	0.08	*0.03*
*The Netherlands	1157	**1.9**	*0.06*	0.22	*0.01*	756	**1.1**	*0.04*	0.13	*0.01*
*The Netherlands, Eindhoven	58	**1.5**	*0.20*	0.18	*0.03*	40	**0.9**	*0.16*	0.11	*0.02*
Norway	251	**1.5**	*0.10*	0.18	*0.01*	144	**0.7**	*0.06*	0.09	*0.01*
Poland, Cracow	35	**1.7**	*0.30*	0.19	*0.04*	9	**0.3**	*0.11*	0.04	*0.02*
Poland, Kielce	49	**1.1**	*0.16*	0.14	*0.02*	13	**0.2**	*0.06*	0.02	*0.01*
Poland, Lower Silesia	172	**1.8**	*0.14*	0.22	*0.02*	56	**0.5**	*0.06*	0.05	*0.01*
Poland, Podkarpackie	90	**1.5**	*0.16*	0.19	*0.02*	25	**0.3**	*0.07*	0.04	*0.01*
Portugal, Azores	37	**5.1**	*0.85*	0.66	*0.12*	4	**0.5**	*0.26*	0.07	*0.04*
Russian Federation, Saint Petersburg	387	**2.7**	*0.14*	0.34	*0.02*	130	**0.6**	*0.05*	0.07	*0.01*
*Serbia, Central	301	**1.4**	*0.09*	0.17	*0.01*	83	**0.4**	*0.04*	0.04	*0.00*
Slovakia	793	**4.8**	*0.17*	0.57	*0.02*	108	**0.5**	*0.05*	0.05	*0.01*
Slovenia	178	**2.4**	*0.18*	0.29	*0.02*	38	**0.4**	*0.07*	0.05	*0.01*
Spain, Albacete	40	**3.0**	*0.51*	0.30	*0.06*	14	**0.7**	*0.22*	0.08	*0.03*
Spain, Asturias	149	**3.4**	*0.29*	0.41	*0.04*	66	**1.1**	*0.15*	0.12	*0.02*
Spain, Basque Country	284	**3.4**	*0.21*	0.41	*0.03*	109	**1.1**	*0.11*	0.11	*0.01*
Spain, Canary Islands	153	**3.6**	*0.29*	0.46	*0.04*	34	**0.7**	*0.12*	0.07	*0.02*
Spain, Ciudad Real	36	**2.2**	*0.40*	0.26	*0.05*	16	**0.8**	*0.23*	0.10	*0.03*
Spain, Cuenca	19	**2.2**	*0.56*	0.26	*0.07*	7	**0.8**	*0.34*	0.09	*0.04*
Spain, Girona	73	**3.0**	*0.36*	0.38	*0.05*	25	**0.8**	*0.19*	0.09	*0.02*
*Spain, Granada	63	**2.1**	*0.28*	0.27	*0.04*	28	**0.8**	*0.16*	0.10	*0.02*
Spain, La Rioja	21	**1.6**	*0.38*	0.15	*0.04*	9	**0.6**	*0.23*	0.07	*0.03*
Spain, Mallorca	78	**3.1**	*0.35*	0.39	*0.05*	28	**0.8**	*0.17*	0.10	*0.02*
Spain, Murcia	143	**3.3**	*0.29*	0.38	*0.04*	57	**1.0**	*0.15*	0.13	*0.02*
Spain, Navarra	43	**1.8**	*0.30*	0.20	*0.04*	11	**0.4**	*0.14*	0.05	*0.02*
Spain, Tarragona	74	**2.7**	*0.33*	0.32	*0.04*	27	**0.8**	*0.18*	0.08	*0.02*
*Sweden	475	**1.3**	*0.06*	0.16	*0.01*	344	**0.8**	*0.05*	0.09	*0.01*
Switzerland, Basel	48	**2.6**	*0.39*	0.31	*0.05*	31	**1.4**	*0.28*	0.18	*0.04*
Switzerland, Geneva	48	**3.0**	*0.45*	0.36	*0.06*	32	**1.6**	*0.31*	0.18	*0.04*
Switzerland, Graubünden and Glarus	20	**2.1**	*0.48*	0.29	*0.08*	4	**0.4**	*0.21*	0.02	*0.02*
Switzerland, Neuchâtel	31	**5.0**	*0.92*	0.65	*0.13*	6	**0.6**	*0.30*	0.09	*0.05*
Switzerland, St Gall–Appenzell	51	**2.4**	*0.35*	0.29	*0.05*	26	**1.2**	*0.25*	0.14	*0.03*
Switzerland, Ticino	33	**2.3**	*0.41*	0.26	*0.05*	15	**0.9**	*0.25*	0.13	*0.04*
Switzerland, Valais	33	**3.0**	*0.53*	0.32	*0.06*	10	**0.7**	*0.25*	0.07	*0.03*
Switzerland, Vaud	91	**3.8**	*0.42*	0.46	*0.05*	43	**1.6**	*0.27*	0.17	*0.03*
Switzerland, Zurich	137	**2.8**	*0.24*	0.36	*0.03*	77	**1.3**	*0.16*	0.15	*0.02*
Ukraine	3734	**2.5**	*0.04*	0.31	*0.01*	630	**0.3**	*0.01*	0.03	*0.00*
UK, England	3883	**2.1**	*0.03*	0.25	*0.00*	2242	**1.0**	*0.02*	0.12	*0.00*
UK, England, East of England Region	388	**1.8**	*0.10*	0.22	*0.01*	237	**0.9**	*0.07*	0.11	*0.01*
UK, England, North Western	606	**2.5**	*0.11*	0.30	*0.01*	305	**1.1**	*0.07*	0.12	*0.01*
UK, England, Northern and Yorkshire	500	**2.0**	*0.09*	0.24	*0.01*	305	**1.0**	*0.06*	0.12	*0.01*
UK, England, Oxford Region	185	**1.9**	*0.15*	0.22	*0.02*	114	**1.0**	*0.10*	0.11	*0.01*
UK, England, South and Western Regions	585	**2.1**	*0.09*	0.25	*0.01*	334	**1.0**	*0.06*	0.11	*0.01*
UK, England, Thames	808	**2.1**	*0.08*	0.24	*0.01*	498	**1.1**	*0.05*	0.12	*0.01*
UK, England, Trent	249	**2.2**	*0.14*	0.24	*0.02*	119	**0.9**	*0.09*	0.10	*0.01*
UK, England, West Midlands	414	**2.1**	*0.11*	0.25	*0.01*	238	**1.0**	*0.07*	0.11	*0.01*
UK, Northern Ireland	127	**2.2**	*0.20*	0.26	*0.03*	67	**0.9**	*0.12*	0.12	*0.02*
UK, Scotland	566	**2.9**	*0.13*	0.35	*0.02*	281	**1.2**	*0.08*	0.14	*0.01*
UK, Wales	279	**2.5**	*0.15*	0.30	*0.02*	148	**1.1**	*0.10*	0.13	*0.01*
Oceania										
Australian Capital Territory	26	**2.5**	*0.51*	0.31	*0.07*	10	**0.8**	*0.28*	0.09	*0.04*
Australia, New South Wales	607	**2.6**	*0.11*	0.31	*0.01*	293	**1.0**	*0.07*	0.12	*0.01*
Australia, Northern Territory	23	**4.0**	*0.88*	0.43	*0.12*	12	**2.3**	*0.70*	0.22	*0.08*
Australia, Northern Territory: Indigenous	6	**4.6**	*1.90*	0.38	*0.16*	6	**5.2**	*2.21*	0.40	*0.20*
Australia, Northern Territory: Non–Indigenous	17	**3.6**	*0.92*	0.41	*0.13*	6	**1.5**	*0.66*	0.17	*0.09*
Australia, Queensland	386	**2.9**	*0.15*	0.35	*0.02*	184	**1.2**	*0.10*	0.14	*0.01*
South Australia	126	**2.2**	*0.20*	0.25	*0.03*	60	**0.9**	*0.12*	0.10	*0.02*
Australia, Tasmania	45	**2.5**	*0.38*	0.30	*0.05*	15	**0.7**	*0.20*	0.08	*0.03*
Australia, Victoria	400	**2.3**	*0.12*	0.28	*0.02*	199	**1.0**	*0.08*	0.11	*0.01*
Western Australia	146	**2.2**	*0.18*	0.26	*0.02*	83	**1.1**	*0.13*	0.12	*0.02*
New Zealand	250	**1.9**	*0.12*	0.22	*0.02*	153	**0.9**	*0.08*	0.10	*0.01*
New Zealand: Maori	15	**1.5**	*0.39*	0.22	*0.06*	13	**1.0**	*0.29*	0.10	*0.03*
New Zealand: Pacific Islander	10	**2.1**	*0.69*	0.27	*0.10*	6	**1.1**	*0.45*	0.09	*0.05*
New Zealand: Other	225	**1.9**	*0.13*	0.22	*0.02*	134	**0.9**	*0.08*	0.10	*0.01*
USA, Hawaii	179	**4.1**	*0.31*	0.48	*0.04*	90	**1.6**	*0.19*	0.18	*0.02*
*USA, Hawaii: Chinese	6	**2.0**	*0.91*	0.22	*0.13*	6	**2.0**	*0.94*	0.21	*0.11*
*USA, Hawaii: Filipino	7	**1.3**	*0.52*	0.17	*0.08*	6	**0.9**	*0.38*	0.14	*0.07*
*USA, Hawaii: Hawaiian	26	**4.5**	*0.91*	0.60	*0.14*	8	**1.1**	*0.38*	0.12	*0.05*
*USA, Hawaii: Japanese	41	**3.6**	*0.60*	0.40	*0.08*	29	**1.6**	*0.38*	0.14	*0.04*
*USA, Hawaii: White	84	**6.4**	*0.72*	0.75	*0.10*	34	**2.5**	*0.47*	0.32	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mouth (C03-06)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	6	**0.2**	*0.10*	–	-	5	**0.2**	*0.09*	–	-
Egypt, Gharbiah	82	**1.1**	*0.13*	0.13	*0.02*	44	**0.6**	*0.09*	0.07	*0.01*
*Libya, Benghazi	8	**0.7**	*0.25*	0.09	*0.04*	9	**0.8**	*0.26*	0.10	*0.04*
*Malawi, Blantyre	14	**1.3**	*0.41*	0.17	*0.06*	14	**1.3**	*0.41*	0.20	*0.08*
*South Africa, PROMEC	32	**2.1**	*0.39*	0.28	*0.05*	8	**0.3**	*0.11*	0.03	*0.01*
*Tunisia, North	63	**0.9**	*0.12*	0.10	*0.02*	54	**0.8**	*0.11*	0.10	*0.02*
*Uganda, Kyadondo County	18	**1.3**	*0.37*	0.12	*0.05*	16	**1.0**	*0.31*	0.15	*0.05*
*Zimbabwe, Harare: African	10	**0.8**	*0.30*	0.08	*0.03*	9	**1.1**	*0.42*	0.11	*0.06*
America, Central and South										
Argentina, Bahía Blanca	22	**2.9**	*0.64*	0.37	*0.09*	11	**0.7**	*0.26*	0.07	*0.03*
Argentina, Córdoba	31	**1.2**	*0.21*	0.14	*0.03*	22	**0.6**	*0.13*	0.07	*0.02*
Argentina, Mendoza	42	**1.0**	*0.15*	0.11	*0.02*	24	**0.5**	*0.10*	0.05	*0.01*
*Argentina, Tierra del Fuego	1	**0.7**	*0.66*	0.08	*0.08*	2	**0.8**	*0.60*	0.03	*0.03*
Brazil, Aracaju	33	**5.7**	*1.01*	0.70	*0.14*	6	**0.7**	*0.29*	0.09	*0.05*
Brazil, Belo Horizonte	122	**4.6**	*0.42*	0.57	*0.06*	52	**1.4**	*0.19*	0.16	*0.03*
Brazil, Cuiabá	62	**6.5**	*0.86*	0.71	*0.12*	18	**1.8**	*0.45*	0.23	*0.07*
Brazil, Fortaleza	138	**4.7**	*0.41*	0.53	*0.06*	76	**1.7**	*0.20*	0.19	*0.03*
Brazil, Goiânia	126	**6.0**	*0.55*	0.72	*0.08*	48	**1.9**	*0.27*	0.22	*0.04*
*Brazil, São Paulo	1409	**6.3**	*0.18*	0.75	*0.02*	573	**1.9**	*0.08*	0.21	*0.01*
Chile, Region of Antofagasta	11	**1.0**	*0.30*	0.10	*0.04*	9	**0.7**	*0.23*	0.09	*0.04*
Chile, Bío Bío Province	4	**0.4**	*0.18*	0.04	*0.03*	4	**0.4**	*0.18*	0.04	*0.03*
Chile, Valdivia	6	**0.6**	*0.23*	0.05	*0.02*	2	**0.2**	*0.16*	0.02	*0.01*
Colombia, Bucaramanga	29	**1.4**	*0.27*	0.16	*0.04*	23	**0.8**	*0.17*	0.08	*0.02*
Colombia, Cali	62	**1.4**	*0.19*	0.18	*0.03*	51	**0.9**	*0.12*	0.10	*0.02*
Colombia, Manizales	6	**0.7**	*0.27*	0.07	*0.03*	8	**0.7**	*0.24*	0.05	*0.02*
Colombia, Pasto	1	**0.2**	*0.16*	0.03	*0.03*	4	**0.4**	*0.22*	0.04	*0.03*
Costa Rica	100	**1.2**	*0.12*	0.15	*0.02*	45	**0.5**	*0.07*	0.05	*0.01*
Cuba, Villa Clara	48	**2.0**	*0.30*	0.26	*0.04*	25	**0.9**	*0.18*	0.11	*0.03*
Ecuador, Cuenca	2	**0.2**	*0.15*	0.01	*0.01*	0	**-**	-	–	-
Ecuador, Quito	8	**0.3**	*0.10*	0.03	*0.01*	19	**0.5**	*0.13*	0.05	*0.02*
*France, Martinique	42	**3.2**	*0.50*	0.44	*0.08*	8	**0.4**	*0.17*	0.05	*0.02*
*Jamaica, Kingston and St Andrew	16	**1.2**	*0.31*	0.15	*0.04*	10	**0.6**	*0.19*	0.07	*0.03*
USA, Puerto Rico	329	**2.6**	*0.15*	0.31	*0.02*	118	**0.7**	*0.07*	0.08	*0.01*
Uruguay	138	**2.4**	*0.21*	0.29	*0.03*	49	**0.6**	*0.10*	0.07	*0.01*
America, North										
Canada	1896	**1.6**	*0.04*	0.20	*0.01*	1415	**1.0**	*0.03*	0.11	*0.00*
Canada, Alberta	148	**1.4**	*0.12*	0.17	*0.02*	142	**1.1**	*0.10*	0.13	*0.01*
Canada, British Columbia	229	**1.4**	*0.10*	0.18	*0.01*	204	**1.0**	*0.08*	0.12	*0.01*
Canada, Manitoba	70	**1.6**	*0.20*	0.19	*0.03*	52	**0.9**	*0.15*	0.11	*0.02*
Canada, New Brunswick	45	**1.6**	*0.25*	0.21	*0.04*	33	**0.9**	*0.18*	0.10	*0.02*
Canada, Newfoundland and Labrador	26	**1.4**	*0.27*	0.18	*0.04*	20	**0.8**	*0.22*	0.06	*0.02*
*Canada, Northwest Territories	3	**2.5**	*1.52*	0.27	*0.17*	1	**1.6**	*1.58*	0.20	*0.20*
Canada, Nova Scotia	64	**1.8**	*0.22*	0.21	*0.03*	54	**1.2**	*0.18*	0.13	*0.02*
Canada, Ontario	768	**1.7**	*0.06*	0.21	*0.01*	532	**1.0**	*0.05*	0.11	*0.01*
Canada, Prince Edward Island	8	**1.7**	*0.63*	0.20	*0.08*	15	**2.4**	*0.65*	0.29	*0.09*
*Canada, Quebec	478	**1.7**	*0.08*	0.21	*0.01*	310	**0.9**	*0.05*	0.10	*0.01*
Canada, Saskatchewan	56	**1.6**	*0.22*	0.20	*0.03*	50	**1.1**	*0.18*	0.12	*0.02*
*Canada, Yukon	1	**0.7**	*0.69*	0.07	*0.07*	2	**1.6**	*1.12*	0.17	*0.12*
USA, NPCR (42 states)	17627	**2.0**	*0.02*	0.24	*0.00*	12102	**1.1**	*0.01*	0.12	*0.00*
USA, NPCR (42 states): American Indian	96	**1.4**	*0.15*	0.17	*0.02*	64	**0.8**	*0.11*	0.09	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	207	**0.7**	*0.05*	0.09	*0.01*	202	**0.5**	*0.04*	0.05	*0.00*
USA, NPCR (42 states): Black	2089	**2.5**	*0.06*	0.31	*0.01*	1171	**1.0**	*0.03*	0.12	*0.00*
USA, NPCR (42 states): White	14878	**2.0**	*0.02*	0.24	*0.00*	10419	**1.0**	*0.01*	0.12	*0.00*
USA, SEER (9 registries)	1702	**1.9**	*0.05*	0.23	*0.01*	1279	**1.1**	*0.03*	0.12	*0.00*
*USA, SEER (9 registries): Black	170	**2.1**	*0.17*	0.25	*0.02*	129	**1.2**	*0.11*	0.13	*0.01*
*USA, SEER (9 registries): White	1410	**1.9**	*0.05*	0.23	*0.01*	1032	**1.1**	*0.04*	0.12	*0.01*
USA, SEER (18 registries)	4875	**1.9**	*0.03*	0.23	*0.00*	3465	**1.0**	*0.02*	0.12	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	229	**1.1**	*0.07*	0.13	*0.01*	192	**0.7**	*0.05*	0.07	*0.01*
*USA, SEER (18 registries): Black	523	**2.2**	*0.10*	0.27	*0.01*	346	**1.1**	*0.06*	0.12	*0.01*
*USA, SEER (18 registries): Hispanic White	339	**1.2**	*0.07*	0.13	*0.01*	205	**0.6**	*0.04*	0.06	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	3706	**2.0**	*0.03*	0.24	*0.00*	2638	**1.1**	*0.02*	0.13	*0.00*
*USA, SEER (18 registries): White	4045	**1.9**	*0.03*	0.23	*0.00*	2843	**1.0**	*0.02*	0.12	*0.00*
USA, Alabama	425	**2.7**	*0.13*	0.34	*0.02*	272	**1.3**	*0.08*	0.15	*0.01*
USA, Alabama: Black	91	**3.0**	*0.32*	0.33	*0.04*	55	**1.3**	*0.19*	0.13	*0.02*
USA, Alabama: White	330	**2.6**	*0.15*	0.34	*0.02*	212	**1.2**	*0.09*	0.15	*0.01*
USA, Alaska	37	**2.1**	*0.36*	0.26	*0.05*	17	**0.8**	*0.21*	0.08	*0.03*
*USA, Alaska: American Indian	5	**1.9**	*0.85*	0.22	*0.11*	5	**1.6**	*0.75*	0.11	*0.08*
USA, Arizona	311	**1.6**	*0.09*	0.21	*0.01*	214	**0.8**	*0.06*	0.09	*0.01*
USA, Arizona: American Indian	2	**0.3**	*0.24*	0.06	*0.05*	5	**0.6**	*0.28*	0.06	*0.03*
USA, Arizona: Asian and Pacific Islander	7	**2.0**	*0.78*	0.23	*0.10*	3	**0.5**	*0.31*	0.04	*0.03*
USA, Arizona: Black	5	**0.9**	*0.42*	0.11	*0.06*	4	**0.7**	*0.33*	0.07	*0.04*
USA, Arizona: White	290	**1.6**	*0.10*	0.21	*0.01*	199	**0.8**	*0.07*	0.09	*0.01*
USA, Arkansas	193	**1.9**	*0.14*	0.23	*0.02*	143	**1.0**	*0.10*	0.12	*0.01*
USA, Arkansas: Black	17	**1.8**	*0.45*	0.26	*0.07*	10	**0.5**	*0.19*	0.04	*0.02*
USA, Arkansas: White	171	**1.9**	*0.15*	0.23	*0.02*	131	**1.1**	*0.11*	0.13	*0.01*
USA, California	1666	**1.5**	*0.04*	0.18	*0.01*	1274	**0.9**	*0.03*	0.10	*0.00*
USA, California: American Indian	9	**0.7**	*0.25*	0.07	*0.03*	5	**0.4**	*0.19*	0.08	*0.04*
USA, California: Asian and Pacific Islander	90	**0.7**	*0.07*	0.08	*0.01*	109	**0.6**	*0.06*	0.06	*0.01*
USA, California: Black	116	**1.8**	*0.17*	0.21	*0.02*	82	**1.0**	*0.11*	0.11	*0.02*
USA, California: White	1398	**1.6**	*0.04*	0.19	*0.01*	1038	**0.9**	*0.03*	0.11	*0.00*
USA, California, Los Angeles County	404	**1.4**	*0.07*	0.17	*0.01*	289	**0.8**	*0.05*	0.08	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	37	**0.9**	*0.15*	0.10	*0.02*	31	**0.6**	*0.11*	0.05	*0.01*
*USA, California, Los Angeles County: Black	61	**2.2**	*0.29*	0.25	*0.04*	36	**0.9**	*0.16*	0.10	*0.02*
*USA, California, Los Angeles County: Chinese	13	**0.9**	*0.28*	0.11	*0.04*	8	**0.6**	*0.22*	0.06	*0.03*
*USA, California, Los Angeles County: Filipino	4	**0.4**	*0.23*	0.04	*0.03*	10	**0.8**	*0.30*	0.08	*0.03*
*USA, California, Los Angeles County: Hispanic White	77	**1.0**	*0.11*	0.10	*0.02*	54	**0.5**	*0.07*	0.06	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mouth (C03-06) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	2	**0.2**	*0.14*	–	-	2	**0.3**	*0.22*	0.02	*0.02*
*USA, California, Los Angeles County: Korean	5	**0.8**	*0.37*	0.09	*0.04*	4	**0.4**	*0.22*	0.02	*0.02*
*USA, California, Los Angeles County: Non−Hispanic White	221	**1.7**	*0.12*	0.22	*0.02*	160	**1.0**	*0.09*	0.11	*0.01*
*USA, California, Los Angeles County: White	298	**1.5**	*0.09*	0.18	*0.01*	214	**0.8**	*0.06*	0.09	*0.01*
USA, California, San Francisco Bay Area	200	**1.4**	*0.10*	0.16	*0.01*	198	**1.1**	*0.09*	0.12	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	31	**1.1**	*0.20*	0.14	*0.03*	33	**0.8**	*0.16*	0.08	*0.02*
*USA, California, San Francisco Bay Area: Black	16	**1.3**	*0.34*	0.17	*0.05*	21	**1.4**	*0.31*	0.16	*0.04*
*USA, California, San Francisco Bay Area: Hispanic White	24	**1.6**	*0.34*	0.16	*0.04*	9	**0.5**	*0.17*	0.06	*0.03*
*USA, California, San Francisco Bay Area: Non−Hispanic White	126	**1.4**	*0.13*	0.16	*0.02*	132	**1.2**	*0.12*	0.14	*0.02*
*USA, California, San Francisco Bay Area: White	150	**1.4**	*0.12*	0.16	*0.02*	141	**1.1**	*0.11*	0.13	*0.02*
USA, Colorado	203	**1.4**	*0.10*	0.17	*0.02*	159	**0.9**	*0.08*	0.09	*0.01*
USA, Colorado: Asian and Pacific Islander	2	**0.6**	*0.49*	0.07	*0.06*	3	**0.8**	*0.46*	0.08	*0.05*
USA, Colorado: Black	6	**1.4**	*0.57*	0.19	*0.09*	2	**0.4**	*0.26*	0.04	*0.03*
USA, Colorado: White	191	**1.4**	*0.10*	0.17	*0.02*	148	**0.9**	*0.08*	0.09	*0.01*
USA, Connecticut	259	**2.1**	*0.13*	0.26	*0.02*	178	**1.0**	*0.09*	0.12	*0.01*
*USA, Connecticut: Black	22	**2.9**	*0.62*	0.40	*0.09*	15	**1.3**	*0.36*	0.14	*0.05*
*USA, Connecticut: White	225	**2.0**	*0.14*	0.24	*0.02*	156	**1.0**	*0.09*	0.12	*0.01*
USA, Delaware	57	**2.0**	*0.28*	0.25	*0.04*	37	**0.9**	*0.16*	0.11	*0.02*
USA, Delaware: Black	14	**3.3**	*0.89*	0.41	*0.13*	9	**1.8**	*0.60*	0.22	*0.09*
USA, Delaware: White	43	**1.9**	*0.29*	0.22	*0.04*	28	**0.7**	*0.15*	0.08	*0.02*
USA, Florida	1525	**2.2**	*0.06*	0.26	*0.01*	970	**1.1**	*0.04*	0.13	*0.01*
USA, Florida: Asian and Pacific Islander	7	**0.6**	*0.23*	0.06	*0.03*	6	**0.4**	*0.18*	0.06	*0.03*
USA, Florida: Black	146	**2.3**	*0.20*	0.29	*0.03*	87	**1.0**	*0.11*	0.11	*0.02*
USA, Florida: White	1348	**2.2**	*0.06*	0.26	*0.01*	859	**1.1**	*0.04*	0.13	*0.01*
USA, Georgia	585	**2.2**	*0.09*	0.26	*0.01*	436	**1.2**	*0.06*	0.15	*0.01*
USA, Georgia: Asian and Pacific Islander	7	**1.1**	*0.42*	0.13	*0.05*	2	**0.3**	*0.25*	0.03	*0.03*
USA, Georgia: Black	112	**2.0**	*0.19*	0.23	*0.03*	97	**1.2**	*0.13*	0.14	*0.02*
USA, Georgia: White	458	**2.3**	*0.11*	0.27	*0.02*	333	**1.2**	*0.07*	0.15	*0.01*
USA, Georgia, Atlanta	129	**1.6**	*0.14*	0.19	*0.02*	121	**1.1**	*0.11*	0.14	*0.02*
*USA, Georgia, Atlanta: Black	37	**1.6**	*0.28*	0.18	*0.04*	41	**1.2**	*0.20*	0.13	*0.03*
*USA, Georgia, Atlanta: White	82	**1.5**	*0.17*	0.19	*0.03*	76	**1.1**	*0.14*	0.14	*0.02*
USA, Idaho	73	**1.5**	*0.18*	0.20	*0.03*	58	**1.0**	*0.14*	0.11	*0.02*
USA, Illinois	892	**2.2**	*0.08*	0.28	*0.01*	603	**1.1**	*0.05*	0.13	*0.01*
USA, Illinois: Asian and Pacific Islander	6	**0.5**	*0.19*	0.08	*0.04*	8	**0.4**	*0.15*	0.05	*0.03*
USA, Illinois: Black	157	**3.5**	*0.28*	0.42	*0.04*	73	**1.2**	*0.14*	0.13	*0.02*
USA, Illinois: White	692	**2.0**	*0.08*	0.25	*0.01*	506	**1.1**	*0.06*	0.13	*0.01*
USA, Indiana	422	**2.0**	*0.10*	0.24	*0.01*	291	**1.0**	*0.07*	0.12	*0.01*
USA, Indiana: Black	26	**2.0**	*0.40*	0.24	*0.06*	19	**1.0**	*0.25*	0.11	*0.03*
USA, Indiana: White	391	**2.0**	*0.10*	0.24	*0.01*	264	**1.0**	*0.07*	0.12	*0.01*
USA, Iowa	243	**2.2**	*0.15*	0.27	*0.02*	141	**0.9**	*0.09*	0.10	*0.01*
USA, Kentucky	398	**2.8**	*0.14*	0.35	*0.02*	213	**1.1**	*0.09*	0.13	*0.01*
USA, Louisiana	296	**2.6**	*0.16*	0.32	*0.02*	168	**1.1**	*0.09*	0.13	*0.01*
*USA, Louisiana: Black	89	**3.2**	*0.34*	0.36	*0.04*	41	**1.1**	*0.18*	0.12	*0.02*
*USA, Louisiana: White	203	**2.4**	*0.17*	0.30	*0.02*	125	**1.1**	*0.11*	0.12	*0.02*
*USA, Louisiana, New Orleans	72	**3.3**	*0.40*	0.43	*0.06*	36	**1.2**	*0.21*	0.14	*0.03*
*USA, Louisiana, New Orleans: Black	29	**4.3**	*0.81*	0.55	*0.12*	9	**0.9**	*0.32*	0.10	*0.04*
*USA, Louisiana, New Orleans: White	41	**3.0**	*0.49*	0.37	*0.07*	26	**1.3**	*0.29*	0.15	*0.04*
USA, Maine	128	**2.5**	*0.23*	0.33	*0.03*	62	**1.0**	*0.15*	0.13	*0.02*
USA, Massachusetts	461	**2.1**	*0.10*	0.27	*0.01*	333	**1.1**	*0.07*	0.13	*0.01*
USA, Massachusetts: Asian and Pacific Islander	2	**0.2**	*0.16*	0.02	*0.02*	6	**0.7**	*0.28*	0.06	*0.04*
USA, Massachusetts: Black	24	**2.7**	*0.56*	0.30	*0.07*	7	**0.5**	*0.21*	0.07	*0.03*
USA, Massachusetts: White	424	**2.1**	*0.11*	0.27	*0.02*	314	**1.1**	*0.07*	0.13	*0.01*
USA, Michigan	793	**2.3**	*0.08*	0.28	*0.01*	531	**1.2**	*0.06*	0.14	*0.01*
USA, Michigan: Asian and Pacific Islander	4	**1.0**	*0.48*	0.18	*0.10*	1	**0.2**	*0.17*	–	-
USA, Michigan: Black	108	**2.9**	*0.29*	0.35	*0.04*	56	**1.2**	*0.16*	0.13	*0.02*
USA, Michigan: White	659	**2.2**	*0.09*	0.27	*0.01*	459	**1.2**	*0.06*	0.13	*0.01*
USA, Michigan, Detroit	351	**2.6**	*0.15*	0.32	*0.02*	228	**1.3**	*0.10*	0.15	*0.01*
*USA, Michigan, Detroit: Black	80	**3.0**	*0.34*	0.36	*0.05*	48	**1.3**	*0.19*	0.14	*0.02*
*USA, Michigan, Detroit: White	263	**2.5**	*0.16*	0.31	*0.02*	173	**1.4**	*0.12*	0.15	*0.02*
USA, Mississippi	267	**2.9**	*0.18*	0.37	*0.03*	145	**1.2**	*0.11*	0.14	*0.01*
USA, Missouri	441	**2.2**	*0.11*	0.27	*0.02*	292	**1.1**	*0.07*	0.13	*0.01*
USA, Missouri: Black	38	**2.5**	*0.42*	0.33	*0.06*	23	**1.0**	*0.22*	0.11	*0.03*
USA, Missouri: White	396	**2.2**	*0.11*	0.27	*0.02*	265	**1.2**	*0.08*	0.14	*0.01*
USA, Montana	58	**1.5**	*0.21*	0.19	*0.03*	40	**0.8**	*0.15*	0.10	*0.02*
USA, Montana: American Indian	3	**2.3**	*1.35*	0.30	*0.25*	3	**1.8**	*1.07*	0.13	*0.13*
USA, Nebraska	109	**1.8**	*0.18*	0.22	*0.03*	84	**1.1**	*0.14*	0.12	*0.02*
USA, Nebraska: Black	2	**1.7**	*1.19*	0.21	*0.15*	2	**1.0**	*0.70*	0.10	*0.08*
USA, Nebraska: White	105	**1.8**	*0.19*	0.22	*0.03*	82	**1.1**	*0.15*	0.13	*0.02*
USA, New Hampshire	92	**2.0**	*0.21*	0.25	*0.03*	69	**1.1**	*0.15*	0.12	*0.02*
USA, New Jersey	552	**1.9**	*0.08*	0.22	*0.01*	410	**1.0**	*0.06*	0.12	*0.01*
*USA, New Jersey: Black	61	**2.0**	*0.26*	0.26	*0.04*	46	**1.0**	*0.16*	0.11	*0.02*
*USA, New Jersey: White	444	**1.8**	*0.09*	0.21	*0.01*	340	**1.0**	*0.06*	0.12	*0.01*
USA, New Mexico	96	**1.5**	*0.16*	0.18	*0.02*	66	**0.8**	*0.10*	0.09	*0.01*
*USA, New Mexico: Hispanic White	29	**1.4**	*0.26*	0.14	*0.03*	16	**0.6**	*0.15*	0.05	*0.02*
*USA, New Mexico: Non−Hispanic White	59	**1.6**	*0.21*	0.20	*0.03*	47	**0.9**	*0.16*	0.11	*0.02*
*USA, New Mexico: White	88	**1.5**	*0.17*	0.18	*0.02*	63	**0.8**	*0.11*	0.09	*0.02*
USA, New York State	1278	**2.0**	*0.06*	0.23	*0.01*	922	**1.0**	*0.04*	0.12	*0.01*
USA, New York State: Asian and Pacific Islander	29	**0.8**	*0.14*	0.09	*0.02*	16	**0.3**	*0.08*	0.03	*0.01*
USA, New York State: Black	187	**2.2**	*0.16*	0.26	*0.02*	122	**1.0**	*0.09*	0.11	*0.01*
USA, New York State: White	1005	**1.9**	*0.06*	0.23	*0.01*	759	**1.1**	*0.04*	0.12	*0.01*
USA, North Carolina	709	**2.5**	*0.09*	0.29	*0.01*	476	**1.2**	*0.06*	0.14	*0.01*
USA, North Carolina: American Indian	5	**1.8**	*0.80*	0.20	*0.09*	4	**1.1**	*0.57*	0.14	*0.07*
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Black	172	**3.7**	*0.29*	0.45	*0.04*	79	**1.3**	*0.15*	0.16	*0.02*
USA, North Carolina: White	525	**2.2**	*0.10*	0.26	*0.01*	388	**1.2**	*0.07*	0.14	*0.01*
USA, North Dakota	41	**1.6**	*0.27*	0.20	*0.04*	27	**1.0**	*0.21*	0.12	*0.03*
USA, Ohio	739	**1.9**	*0.07*	0.23	*0.01*	538	**1.0**	*0.05*	0.12	*0.01*
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.18*	–	-
USA, Ohio: Black	81	**2.3**	*0.26*	0.30	*0.04*	45	**1.0**	*0.15*	0.12	*0.02*
USA, Ohio: White	648	**1.8**	*0.08*	0.22	*0.01*	480	**1.0**	*0.05*	0.12	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mouth (C03-06) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	231	**1.9**	*0.13*	0.23	*0.02*	186	**1.1**	*0.09*	0.13	*0.01*
USA, Oklahoma: American Indian	21	**2.7**	*0.60*	0.30	*0.08*	13	**1.2**	*0.35*	0.12	*0.04*
USA, Oklahoma: Black	16	**2.7**	*0.69*	0.37	*0.10*	14	**1.7**	*0.46*	0.17	*0.06*
USA, Oklahoma: White	191	**1.8**	*0.13*	0.21	*0.02*	158	**1.0**	*0.09*	0.13	*0.01*
USA, Oregon	249	**1.9**	*0.12*	0.24	*0.02*	193	**1.1**	*0.09*	0.12	*0.01*
USA, Oregon: Asian and Pacific Islander	4	**1.5**	*0.76*	0.30	*0.15*	5	**1.2**	*0.55*	0.15	*0.07*
USA, Oregon: Black	6	**3.9**	*1.62*	0.42	*0.22*	2	**0.9**	*0.63*	0.04	*0.04*
USA, Oregon: White	228	**1.8**	*0.12*	0.22	*0.02*	181	**1.1**	*0.09*	0.12	*0.01*
USA, Pennsylvania	982	**2.1**	*0.07*	0.25	*0.01*	653	**1.0**	*0.05*	0.13	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	1	**0.1**	*0.09*	0.01	*0.01*	9	**1.1**	*0.38*	0.12	*0.05*
USA, Pennsylvania: Black	73	**2.3**	*0.28*	0.29	*0.04*	51	**1.1**	*0.17*	0.13	*0.02*
USA, Pennsylvania: White	886	**2.1**	*0.07*	0.25	*0.01*	580	**1.0**	*0.05*	0.12	*0.01*
USA, Rhode Island	85	**2.3**	*0.26*	0.28	*0.04*	44	**0.9**	*0.16*	0.11	*0.02*
USA, Rhode Island: Black	2	**1.1**	*0.76*	0.10	*0.07*	5	**2.9**	*1.36*	0.38	*0.20*
USA, Rhode Island: White	80	**2.3**	*0.27*	0.27	*0.04*	37	**0.8**	*0.15*	0.08	*0.02*
USA, South Carolina	370	**2.6**	*0.14*	0.30	*0.02*	218	**1.2**	*0.09*	0.13	*0.01*
USA, South Carolina: Black	104	**3.3**	*0.33*	0.39	*0.04*	52	**1.2**	*0.18*	0.14	*0.02*
USA, South Carolina: White	260	**2.4**	*0.15*	0.28	*0.02*	164	**1.1**	*0.10*	0.13	*0.01*
USA, South Dakota	52	**1.8**	*0.27*	0.23	*0.04*	29	**1.0**	*0.20*	0.12	*0.03*
USA, Tennessee	441	**2.2**	*0.10*	0.26	*0.01*	266	**1.0**	*0.07*	0.11	*0.01*
USA, Tennessee: Black	69	**3.0**	*0.38*	0.40	*0.06*	21	**0.7**	*0.16*	0.08	*0.02*
USA, Tennessee: White	364	**2.0**	*0.11*	0.24	*0.01*	242	**1.0**	*0.07*	0.12	*0.01*
USA, Texas	1264	**1.9**	*0.06*	0.24	*0.01*	751	**0.9**	*0.04*	0.10	*0.00*
USA, Texas: Asian and Pacific Islander	13	**0.7**	*0.19*	0.08	*0.03*	0	**-**	-	–	-
USA, Texas: Black	148	**2.4**	*0.21*	0.31	*0.03*	77	**1.0**	*0.12*	0.11	*0.02*
USA, Texas: White	1077	**1.9**	*0.06*	0.23	*0.01*	655	**0.9**	*0.04*	0.10	*0.01*
USA, Utah	86	**1.3**	*0.15*	0.17	*0.02*	57	**0.7**	*0.10*	0.09	*0.02*
USA, Vermont	59	**2.5**	*0.33*	0.31	*0.05*	36	**1.2**	*0.22*	0.17	*0.04*
USA, Virginia	488	**2.0**	*0.09*	0.23	*0.01*	338	**1.1**	*0.06*	0.13	*0.01*
USA, Virginia: Asian and Pacific Islander	5	**0.6**	*0.27*	0.07	*0.04*	7	**0.6**	*0.21*	0.03	*0.01*
USA, Virginia: Black	100	**2.6**	*0.27*	0.30	*0.04*	42	**0.9**	*0.13*	0.10	*0.02*
USA, Virginia: White	374	**1.9**	*0.10*	0.22	*0.01*	279	**1.1**	*0.07*	0.14	*0.01*
USA, Washington State	402	**1.9**	*0.10*	0.23	*0.01*	319	**1.2**	*0.07*	0.13	*0.01*
USA, Washington, Seattle	275	**1.9**	*0.12*	0.24	*0.02*	227	**1.3**	*0.09*	0.14	*0.01*
USA, West Virginia	184	**2.7**	*0.20*	0.34	*0.03*	88	**0.9**	*0.12*	0.11	*0.02*
USA, Wisconsin	378	**2.0**	*0.11*	0.26	*0.02*	322	**1.4**	*0.09*	0.15	*0.01*
USA, Wisconsin: Black	20	**3.2**	*0.74*	0.41	*0.11*	11	**1.4**	*0.43*	0.14	*0.06*
USA, Wisconsin: White	345	**1.9**	*0.11*	0.25	*0.02*	305	**1.4**	*0.09*	0.16	*0.01*
USA, Wyoming	41	**2.3**	*0.36*	0.27	*0.05*	16	**0.7**	*0.18*	0.07	*0.03*
Asia										
Bahrain: Bahraini	7	**1.0**	*0.37*	0.14	*0.06*	3	**0.4**	*0.21*	0.02	*0.02*
China, Beijing City	241	**0.8**	*0.06*	0.10	*0.01*	228	**0.8**	*0.05*	0.10	*0.01*
*China, Cixian County	16	**1.3**	*0.32*	0.11	*0.03*	15	**1.1**	*0.28*	0.12	*0.04*
China, Haining County	12	**0.7**	*0.21*	0.06	*0.02*	5	**0.2**	*0.08*	0.02	*0.01*
*China, Harbin City, Nangang District	22	**0.7**	*0.14*	0.09	*0.02*	9	**0.3**	*0.09*	0.03	*0.01*
China, Hong Kong	379	**1.5**	*0.08*	0.17	*0.01*	221	**0.7**	*0.05*	0.08	*0.01*
China, Jiashan County	11	**0.7**	*0.21*	0.10	*0.03*	3	**0.2**	*0.13*	0.04	*0.02*
China, Jiaxing City	2	**0.1**	*0.10*	0.01	*0.01*	4	**0.3**	*0.18*	0.02	*0.02*
China, Macao	12	**1.1**	*0.32*	0.15	*0.05*	12	**0.7**	*0.24*	0.08	*0.04*
China, Qidong County	13	**0.3**	*0.10*	0.05	*0.01*	12	**0.3**	*0.08*	0.03	*0.01*
*China, Shanghai City	225	**0.8**	*0.05*	0.09	*0.01*	164	**0.5**	*0.05*	0.06	*0.01*
*China, Wuhan City	114	**0.8**	*0.08*	0.10	*0.01*	74	**0.5**	*0.06*	0.06	*0.01*
*China, Yangcheng County	17	**2.3**	*0.57*	0.20	*0.07*	14	**1.4**	*0.39*	0.14	*0.05*
*China, Yanting County	45	**2.7**	*0.42*	0.35	*0.06*	23	**1.4**	*0.30*	0.21	*0.05*
*China, Zhongshan City	66	**2.5**	*0.31*	0.26	*0.04*	18	**0.5**	*0.13*	0.07	*0.02*
*India, Bangalore	259	**3.3**	*0.22*	0.42	*0.03*	442	**6.3**	*0.31*	0.75	*0.04*
*India; Barshi, Paranda, and Bhum	36	**3.1**	*0.54*	0.32	*0.06*	17	**1.0**	*0.25*	0.14	*0.04*
*India, Bhopal	237	**9.6**	*0.65*	1.09	*0.09*	111	**5.2**	*0.51*	0.62	*0.07*
*India, Chennai	636	**6.2**	*0.25*	0.74	*0.03*	481	**5.0**	*0.23*	0.64	*0.03*
*India, Dindigul, Ambilikkai	185	**4.0**	*0.30*	0.52	*0.04*	140	**3.0**	*0.26*	0.37	*0.04*
*India, Karunagappally	76	**7.3**	*0.85*	0.85	*0.11*	39	**3.1**	*0.51*	0.41	*0.08*
*India, Mizoram	55	**3.3**	*0.46*	0.36	*0.06*	32	**2.1**	*0.39*	0.28	*0.06*
*India, Mumbai	1910	**6.9**	*0.16*	0.79	*0.02*	832	**3.5**	*0.12*	0.39	*0.02*
*India, New Delhi	1446	**5.3**	*0.15*	0.64	*0.02*	412	**1.9**	*0.09*	0.23	*0.01*
*India, Poona	565	**7.3**	*0.32*	0.89	*0.04*	312	**4.3**	*0.25*	0.49	*0.03*
*India, Sikkim State	28	**2.8**	*0.55*	0.35	*0.08*	13	**1.7**	*0.50*	0.21	*0.08*
*India, Trivandrum	122	**7.6**	*0.70*	0.92	*0.10*	61	**3.1**	*0.40*	0.34	*0.06*
*Iran (Islamic Republic of), Golestan Province	11	**0.6**	*0.19*	0.06	*0.02*	11	**0.7**	*0.21*	0.10	*0.03*
Israel	163	**0.9**	*0.07*	0.10	*0.01*	171	**0.7**	*0.06*	0.07	*0.01*
*Israel: Jews	155	**0.9**	*0.08*	0.10	*0.01*	160	**0.7**	*0.06*	0.07	*0.01*
*Israel: Non–Jews	8	**0.4**	*0.14*	0.06	*0.03*	11	**0.5**	*0.17*	0.07	*0.02*
Japan, Aichi Prefecture	58	**1.0**	*0.13*	0.12	*0.02*	51	**0.6**	*0.09*	0.06	*0.01*
Japan, Fukui Prefecture	43	**1.0**	*0.16*	0.11	*0.02*	29	**0.4**	*0.11*	0.05	*0.01*
Japan, Hiroshima	94	**1.8**	*0.20*	0.22	*0.03*	56	**0.7**	*0.11*	0.07	*0.01*
Japan, Miyagi Prefecture	146	**1.3**	*0.11*	0.16	*0.02*	70	**0.4**	*0.05*	0.04	*0.01*
Japan, Nagasaki Prefecture	154	**2.0**	*0.18*	0.23	*0.02*	111	**1.0**	*0.12*	0.11	*0.02*
Japan, Niigata Prefecture	152	**1.1**	*0.10*	0.14	*0.01*	115	**0.6**	*0.08*	0.07	*0.01*
*Japan, Osaka Prefecture	598	**1.4**	*0.06*	0.17	*0.01*	399	**0.7**	*0.04*	0.07	*0.01*
Japan, Saga Prefecture	53	**1.3**	*0.19*	0.14	*0.02*	47	**0.7**	*0.13*	0.06	*0.02*
Republic of Korea	1404	**1.1**	*0.03*	0.14	*0.00*	658	**0.4**	*0.02*	0.05	*0.00*
Republic of Korea, Busan	103	**1.0**	*0.11*	0.12	*0.01*	53	**0.4**	*0.06*	0.04	*0.01*
Republic of Korea, Daegu	74	**1.2**	*0.15*	0.14	*0.02*	44	**0.5**	*0.08*	0.05	*0.01*
Republic of Korea, Daejeon	31	**0.9**	*0.16*	0.11	*0.02*	15	**0.3**	*0.09*	0.04	*0.01*
Republic of Korea, Gwangju	35	**1.1**	*0.19*	0.15	*0.03*	18	**0.4**	*0.10*	0.04	*0.01*
Republic of Korea, Incheon	62	**1.1**	*0.14*	0.12	*0.02*	20	**0.3**	*0.06*	0.03	*0.01*
Republic of Korea, Jejudo	11	**0.9**	*0.28*	0.14	*0.05*	7	**0.4**	*0.17*	0.04	*0.02*
Republic of Korea, Seoul	260	**1.0**	*0.07*	0.12	*0.01*	142	**0.4**	*0.04*	0.05	*0.01*
Republic of Korea, Ulsan	24	**1.1**	*0.23*	0.14	*0.04*	6	**0.2**	*0.08*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mouth (C03-06) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	17	**0.3**	*0.10*	0.03	*0.01*	14	**0.7**	*0.19*	0.09	*0.03*
*Kuwait: Kuwaitis	5	**0.4**	*0.18*	0.03	*0.02*	6	**0.6**	*0.23*	0.09	*0.04*
*Kuwait: Non−Kuwaitis	12	**0.3**	*0.10*	0.03	*0.01*	8	**0.8**	*0.33*	0.07	*0.03*
*Malaysia, Penang	24	**1.1**	*0.23*	0.13	*0.03*	17	**0.7**	*0.16*	0.08	*0.02*
*Malaysia, Penang: Chinese	14	**1.0**	*0.27*	0.10	*0.03*	6	**0.3**	*0.14*	0.04	*0.02*
*Malaysia, Penang: Indian	7	**4.0**	*1.57*	0.58	*0.26*	10	**4.8**	*1.56*	0.66	*0.26*
*Malaysia, Penang: Malay	3	**0.4**	*0.25*	0.05	*0.03*	1	**0.1**	*0.13*	–	-
*Philippines, Manila	113	**1.5**	*0.15*	0.17	*0.02*	92	**0.9**	*0.10*	0.08	*0.01*
*Philippines, Rizal	95	**1.2**	*0.13*	0.16	*0.02*	112	**1.2**	*0.12*	0.15	*0.02*
Qatar: Qatari	0	**-**	-	–	-	2	**0.5**	*0.39*	0.01	*0.01*
*Saudi Arabia, Riyadh: Saudi	25	**0.5**	*0.11*	0.06	*0.02*	29	**0.6**	*0.12*	0.06	*0.01*
Singapore	127	**1.3**	*0.12*	0.18	*0.02*	62	**0.5**	*0.07*	0.05	*0.01*
Singapore: Chinese	101	**1.3**	*0.13*	0.17	*0.02*	46	**0.4**	*0.07*	0.04	*0.01*
Singapore: Indian	17	**2.4**	*0.61*	0.36	*0.10*	14	**2.4**	*0.65*	0.36	*0.11*
Singapore: Malay	7	**0.7**	*0.27*	0.11	*0.05*	2	**0.2**	*0.16*	–	-
Thailand, Bangkok	279	**2.0**	*0.13*	0.22	*0.02*	150	**0.8**	*0.07*	0.08	*0.01*
Thailand, Chiang Mai	59	**1.3**	*0.18*	0.14	*0.02*	49	**0.9**	*0.14*	0.09	*0.02*
Thailand, Chonburi	79	**3.2**	*0.37*	0.42	*0.06*	57	**1.8**	*0.25*	0.18	*0.03*
*Thailand, Khon Kaen	46	**1.1**	*0.17*	0.11	*0.02*	72	**1.5**	*0.18*	0.17	*0.03*
Thailand, Lampang	39	**1.5**	*0.25*	0.22	*0.04*	33	**1.2**	*0.22*	0.14	*0.03*
*Thailand, Songkhla	94	**3.8**	*0.39*	0.44	*0.06*	34	**1.0**	*0.19*	0.10	*0.03*
*Turkey, Antalya	25	**0.7**	*0.14*	0.08	*0.02*	27	**0.7**	*0.13*	0.08	*0.02*
*Turkey, Edirne	7	**0.7**	*0.25*	0.07	*0.03*	0	**-**	-	–	-
*Turkey, Izmir	103	**1.0**	*0.10*	0.12	*0.01*	61	**0.6**	*0.07*	0.07	*0.01*
*Turkey, Trabzon	4	**0.4**	*0.21*	0.04	*0.02*	9	**0.6**	*0.21*	0.05	*0.02*
Europe										
Austria	780	**2.7**	*0.10*	0.31	*0.01*	297	**0.8**	*0.05*	0.09	*0.01*
Austria, Tyrol	70	**2.9**	*0.35*	0.33	*0.04*	38	**1.2**	*0.22*	0.13	*0.03*
Austria, Vorarlberg	36	**2.9**	*0.49*	0.38	*0.07*	14	**0.9**	*0.27*	0.12	*0.04*
*Belarus	1084	**3.7**	*0.12*	0.45	*0.01*	133	**0.3**	*0.03*	0.03	*0.00*
*Belgium	1263	**4.1**	*0.12*	0.48	*0.01*	541	**1.5**	*0.07*	0.17	*0.01*
Bulgaria	533	**1.8**	*0.08*	0.22	*0.01*	113	**0.3**	*0.03*	0.03	*0.00*
Croatia	555	**3.4**	*0.15*	0.41	*0.02*	156	**0.7**	*0.06*	0.08	*0.01*
Cyprus	23	**0.9**	*0.19*	0.11	*0.02*	11	**0.4**	*0.12*	0.05	*0.02*
Czech Republic	968	**2.6**	*0.09*	0.30	*0.01*	307	**0.7**	*0.04*	0.07	*0.00*
Denmark	660	**3.1**	*0.12*	0.38	*0.02*	404	**1.6**	*0.09*	0.17	*0.01*
*Estonia	102	**2.3**	*0.24*	0.28	*0.03*	47	**0.7**	*0.11*	0.08	*0.01*
Finland	317	**1.5**	*0.09*	0.19	*0.01*	272	**0.9**	*0.06*	0.11	*0.01*
*France, Bas−Rhin	209	**5.6**	*0.40*	0.68	*0.05*	54	**1.3**	*0.19*	0.15	*0.02*
*France, Calvados	131	**5.8**	*0.52*	0.65	*0.06*	42	**1.3**	*0.22*	0.13	*0.03*
*France, Doubs	76	**3.9**	*0.47*	0.46	*0.06*	22	**1.1**	*0.26*	0.13	*0.03*
*France, Haut−Rhin	108	**4.0**	*0.39*	0.48	*0.05*	35	**1.2**	*0.21*	0.14	*0.03*
*France, Hérault	145	**4.2**	*0.36*	0.45	*0.04*	50	**0.9**	*0.15*	0.11	*0.02*
*France, Isère	169	**4.2**	*0.33*	0.52	*0.04*	37	**0.8**	*0.14*	0.09	*0.02*
*France, Loire−Atlantique	268	**6.6**	*0.41*	0.73	*0.05*	69	**1.3**	*0.17*	0.13	*0.02*
*France, Manche	104	**5.6**	*0.57*	0.63	*0.07*	18	**0.7**	*0.20*	0.07	*0.02*
*France, Somme	145	**7.5**	*0.64*	0.88	*0.08*	38	**1.7**	*0.29*	0.21	*0.04*
*France, Tarn	60	**3.7**	*0.52*	0.42	*0.06*	30	**1.3**	*0.30*	0.14	*0.04*
*France, Vendée	115	**5.2**	*0.50*	0.58	*0.06*	47	**1.6**	*0.26*	0.19	*0.03*
Germany, Brandenburg	386	**3.6**	*0.19*	0.42	*0.02*	96	**0.7**	*0.08*	0.08	*0.01*
Germany, Bremen	138	**5.1**	*0.45*	0.65	*0.06*	50	**1.4**	*0.21*	0.19	*0.03*
Germany, Free State of Saxony	675	**3.9**	*0.16*	0.45	*0.02*	199	**0.9**	*0.07*	0.10	*0.01*
Germany, Hamburg	268	**4.0**	*0.25*	0.49	*0.03*	148	**1.7**	*0.15*	0.21	*0.02*
Germany, Mecklenburg−Western Pomerania	318	**4.5**	*0.26*	0.52	*0.03*	83	**1.0**	*0.12*	0.12	*0.01*
Germany, Munich	435	**2.9**	*0.14*	0.33	*0.02*	201	**1.1**	*0.09*	0.12	*0.01*
Germany, North Rhine−Westphalia	353	**3.6**	*0.19*	0.43	*0.02*	175	**1.3**	*0.11*	0.15	*0.01*
Germany, Saarland	186	**4.3**	*0.32*	0.52	*0.04*	65	**1.3**	*0.18*	0.16	*0.02*
Germany, Schleswig−Holstein	397	**3.5**	*0.18*	0.41	*0.02*	183	**1.4**	*0.11*	0.16	*0.01*
Iceland	17	**1.6**	*0.40*	0.20	*0.06*	15	**1.3**	*0.35*	0.15	*0.05*
Ireland	222	**1.7**	*0.12*	0.22	*0.02*	141	**0.9**	*0.08*	0.11	*0.01*
Italy, Biella	24	**2.8**	*0.60*	0.34	*0.08*	12	**1.0**	*0.34*	0.11	*0.04*
Italy, Brescia	94	**2.8**	*0.29*	0.33	*0.04*	40	**0.9**	*0.16*	0.10	*0.02*
Italy, Catania and Messina	63	**1.5**	*0.20*	0.18	*0.03*	30	**0.6**	*0.12*	0.07	*0.02*
Italy, Catanzaro	15	**1.5**	*0.41*	0.24	*0.07*	11	**0.9**	*0.30*	0.10	*0.04*
Italy, Como	41	**1.7**	*0.28*	0.20	*0.04*	21	**0.6**	*0.14*	0.06	*0.02*
Italy, Ferrara	37	**2.2**	*0.38*	0.25	*0.05*	18	**0.8**	*0.20*	0.12	*0.03*
Italy, Florence and Prato	67	**2.0**	*0.26*	0.22	*0.03*	46	**1.0**	*0.19*	0.11	*0.02*
Italy, Friuli−Venezia Giulia	209	**3.7**	*0.27*	0.44	*0.03*	94	**1.2**	*0.15*	0.14	*0.02*
Italy, Genoa	74	**2.0**	*0.25*	0.23	*0.03*	54	**1.1**	*0.19*	0.12	*0.02*
Italy, Latina	38	**1.8**	*0.31*	0.22	*0.04*	19	**0.8**	*0.21*	0.08	*0.02*
Italy, Lecco	29	**2.2**	*0.42*	0.24	*0.05*	20	**1.0**	*0.26*	0.13	*0.04*
Italy, Lombardy, South	49	**2.6**	*0.38*	0.34	*0.05*	22	**0.9**	*0.28*	0.08	*0.03*
Italy, Mantua	17	**1.6**	*0.43*	0.17	*0.05*	11	**0.7**	*0.26*	0.08	*0.03*
Italy, Milan	105	**2.3**	*0.24*	0.28	*0.03*	80	**1.1**	*0.15*	0.12	*0.02*
Italy, Modena	31	**1.1**	*0.20*	0.13	*0.03*	19	**0.5**	*0.13*	0.05	*0.02*
Italy, Naples	20	**1.2**	*0.27*	0.14	*0.03*	17	**0.8**	*0.21*	0.09	*0.03*
Italy, Nuoro	31	**3.0**	*0.57*	0.32	*0.07*	12	**1.0**	*0.34*	0.09	*0.03*
Italy, Palermo	49	**1.2**	*0.19*	0.16	*0.03*	38	**0.7**	*0.13*	0.08	*0.02*
Italy, Parma	41	**1.9**	*0.32*	0.24	*0.05*	28	**1.2**	*0.27*	0.14	*0.03*
Italy, Ragusa	19	**1.7**	*0.42*	0.20	*0.05*	15	**1.3**	*0.44*	0.12	*0.04*
Italy, Reggio Emilia	42	**2.1**	*0.36*	0.26	*0.05*	28	**1.1**	*0.27*	0.11	*0.03*
Italy, Romagna	75	**1.4**	*0.18*	0.18	*0.02*	62	**0.9**	*0.13*	0.10	*0.02*
Italy, Salerno	39	**1.0**	*0.16*	0.12	*0.02*	30	**0.5**	*0.11*	0.06	*0.01*
Italy, Sassari	63	**3.4**	*0.43*	0.38	*0.05*	16	**0.8**	*0.21*	0.08	*0.02*
Italy, Sondrio	23	**3.3**	*0.70*	0.39	*0.09*	14	**1.1**	*0.38*	0.11	*0.05*
Italy, South Tyrol	47	**3.4**	*0.52*	0.36	*0.06*	19	**0.8**	*0.22*	0.10	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mouth (C03-06) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	27	**1.7**	*0.35*	0.22	*0.05*	14	**0.6**	*0.17*	0.05	*0.02*
Italy, Trapani	15	**1.1**	*0.29*	0.13	*0.04*	10	**0.4**	*0.16*	0.04	*0.02*
Italy, Trento	65	**3.6**	*0.47*	0.43	*0.06*	21	**0.6**	*0.16*	0.07	*0.02*
Italy, Turin	83	**2.0**	*0.23*	0.25	*0.03*	60	**1.0**	*0.16*	0.13	*0.02*
Italy, Umbria	52	**1.3**	*0.19*	0.16	*0.02*	25	**0.5**	*0.12*	0.06	*0.01*
Italy, Varese	67	**2.0**	*0.26*	0.25	*0.03*	38	**0.8**	*0.17*	0.10	*0.02*
Italy, Veneto	254	**3.3**	*0.22*	0.39	*0.03*	139	**1.3**	*0.13*	0.17	*0.02*
Latvia	147	**2.5**	*0.21*	0.31	*0.03*	32	**0.3**	*0.06*	0.04	*0.01*
Lithuania	269	**2.6**	*0.16*	0.31	*0.02*	72	**0.4**	*0.06*	0.05	*0.01*
Malta	18	**1.2**	*0.28*	0.14	*0.04*	13	**0.6**	*0.20*	0.08	*0.03*
*The Netherlands	1414	**2.3**	*0.06*	0.28	*0.01*	1077	**1.5**	*0.05*	0.17	*0.01*
*The Netherlands, Eindhoven	90	**2.4**	*0.26*	0.27	*0.03*	64	**1.3**	*0.18*	0.17	*0.03*
Norway	261	**1.5**	*0.10*	0.20	*0.01*	230	**1.0**	*0.08*	0.13	*0.01*
Poland, Cracow	37	**1.8**	*0.30*	0.22	*0.04*	19	**0.8**	*0.19*	0.07	*0.02*
Poland, Kielce	60	**1.4**	*0.18*	0.17	*0.02*	25	**0.5**	*0.10*	0.05	*0.01*
Poland, Lower Silesia	240	**2.5**	*0.17*	0.31	*0.02*	90	**0.7**	*0.08*	0.08	*0.01*
Poland, Podkarpackie	155	**2.5**	*0.20*	0.30	*0.03*	41	**0.5**	*0.08*	0.05	*0.01*
Portugal, Azores	32	**4.5**	*0.81*	0.55	*0.11*	7	**0.7**	*0.28*	0.08	*0.04*
Russian Federation, Saint Petersburg	431	**3.0**	*0.15*	0.37	*0.02*	154	**0.6**	*0.05*	0.07	*0.01*
*Serbia, Central	316	**1.5**	*0.09*	0.18	*0.01*	156	**0.7**	*0.06*	0.07	*0.01*
Slovakia	810	**4.8**	*0.17*	0.56	*0.02*	159	**0.8**	*0.06*	0.08	*0.01*
Slovenia	299	**4.0**	*0.24*	0.49	*0.03*	99	**1.2**	*0.12*	0.13	*0.01*
Spain, Albacete	43	**3.3**	*0.53*	0.41	*0.07*	10	**0.6**	*0.22*	0.06	*0.02*
Spain, Asturias	152	**3.4**	*0.29*	0.39	*0.04*	58	**0.9**	*0.15*	0.09	*0.02*
Spain, Basque Country	368	**4.4**	*0.24*	0.52	*0.03*	126	**1.1**	*0.11*	0.12	*0.01*
Spain, Canary Islands	167	**4.0**	*0.31*	0.50	*0.04*	60	**1.2**	*0.16*	0.15	*0.02*
Spain, Ciudad Real	34	**2.5**	*0.45*	0.31	*0.06*	14	**0.7**	*0.23*	0.07	*0.03*
Spain, Cuenca	12	**1.2**	*0.39*	0.17	*0.05*	5	**0.6**	*0.32*	0.05	*0.03*
Spain, Girona	62	**2.5**	*0.34*	0.28	*0.04*	24	**0.7**	*0.17*	0.06	*0.02*
*Spain, Granada	60	**2.1**	*0.28*	0.23	*0.03*	24	**0.7**	*0.15*	0.08	*0.02*
Spain, La Rioja	18	**1.4**	*0.36*	0.15	*0.05*	8	**0.3**	*0.13*	0.01	*0.01*
Spain, Mallorca	89	**3.2**	*0.35*	0.35	*0.04*	42	**1.3**	*0.21*	0.14	*0.03*
Spain, Murcia	110	**2.6**	*0.25*	0.31	*0.03*	47	**0.7**	*0.11*	0.09	*0.02*
Spain, Navarra	48	**2.2**	*0.32*	0.24	*0.04*	30	**1.1**	*0.22*	0.11	*0.03*
Spain, Tarragona	66	**2.6**	*0.33*	0.31	*0.04*	30	**0.9**	*0.19*	0.10	*0.02*
*Sweden	479	**1.2**	*0.06*	0.15	*0.01*	464	**0.9**	*0.05*	0.10	*0.01*
Switzerland, Basel	41	**2.4**	*0.40*	0.27	*0.05*	26	**1.1**	*0.25*	0.13	*0.03*
Switzerland, Geneva	62	**3.9**	*0.51*	0.47	*0.07*	32	**1.6**	*0.31*	0.18	*0.04*
Switzerland, Graubünden and Glarus	22	**2.4**	*0.53*	0.32	*0.08*	6	**0.6**	*0.26*	0.08	*0.04*
Switzerland, Neuchâtel	20	**3.3**	*0.76*	0.40	*0.10*	13	**1.2**	*0.40*	0.14	*0.06*
Switzerland, St Gall−Appenzell	41	**2.0**	*0.31*	0.26	*0.05*	28	**1.2**	*0.26*	0.13	*0.03*
Switzerland, Ticino	41	**3.0**	*0.48*	0.37	*0.06*	25	**1.5**	*0.34*	0.19	*0.04*
Switzerland, Valais	43	**4.0**	*0.62*	0.48	*0.08*	20	**1.3**	*0.32*	0.12	*0.04*
Switzerland, Vaud	100	**4.2**	*0.43*	0.53	*0.06*	49	**1.6**	*0.27*	0.18	*0.03*
Switzerland, Zurich	106	**2.2**	*0.22*	0.26	*0.03*	65	**1.1**	*0.14*	0.13	*0.02*
Ukraine	4931	**3.4**	*0.05*	0.40	*0.01*	812	**0.3**	*0.01*	0.04	*0.00*
UK, England	3567	**1.9**	*0.03*	0.22	*0.00*	2494	**1.0**	*0.02*	0.12	*0.00*
UK, England, East of England Region	278	**1.2**	*0.08*	0.15	*0.01*	256	**0.9**	*0.06*	0.10	*0.01*
UK, England, North Western	600	**2.5**	*0.10*	0.29	*0.01*	356	**1.1**	*0.07*	0.13	*0.01*
UK, England, Northern and Yorkshire	545	**2.1**	*0.09*	0.25	*0.01*	336	**1.1**	*0.06*	0.12	*0.01*
UK, England, Oxford Region	157	**1.6**	*0.13*	0.18	*0.02*	137	**1.1**	*0.10*	0.12	*0.01*
UK, England, South and Western Regions	468	**1.6**	*0.08*	0.19	*0.01*	346	**0.9**	*0.06*	0.10	*0.01*
UK, England, Thames	795	**2.1**	*0.08*	0.24	*0.01*	557	**1.1**	*0.05*	0.12	*0.01*
UK, England, Trent	200	**1.7**	*0.12*	0.20	*0.02*	156	**1.1**	*0.10*	0.14	*0.01*
UK, England, West Midlands	388	**1.9**	*0.10*	0.22	*0.01*	259	**1.0**	*0.07*	0.12	*0.01*
UK, Northern Ireland	127	**2.1**	*0.19*	0.25	*0.03*	92	**1.2**	*0.14*	0.14	*0.02*
UK, Scotland	670	**3.4**	*0.13*	0.42	*0.02*	400	**1.6**	*0.09*	0.19	*0.01*
UK, Wales	258	**2.2**	*0.14*	0.26	*0.02*	167	**1.1**	*0.10*	0.12	*0.01*
Oceania										
Australian Capital Territory	12	**1.2**	*0.34*	0.14	*0.05*	7	**0.7**	*0.27*	0.10	*0.04*
Australia, New South Wales	514	**2.1**	*0.09*	0.26	*0.01*	335	**1.1**	*0.07*	0.14	*0.01*
Australia, Northern Territory	30	**5.3**	*1.02*	0.64	*0.16*	11	**2.8**	*0.88*	0.30	*0.11*
Australia, Northern Territory: Indigenous	8	**6.7**	*2.73*	0.37	*0.14*	3	**3.6**	*2.13*	0.51	*0.31*
Australia, Northern Territory: Non−Indigenous	22	**4.7**	*1.07*	0.65	*0.18*	8	**2.5**	*0.93*	0.24	*0.11*
Australia, Queensland	344	**2.5**	*0.14*	0.31	*0.02*	203	**1.3**	*0.10*	0.15	*0.01*
South Australia	109	**1.8**	*0.18*	0.21	*0.02*	62	**0.8**	*0.11*	0.08	*0.02*
Australia, Tasmania	34	**1.9**	*0.34*	0.22	*0.04*	22	**0.8**	*0.19*	0.09	*0.03*
Australia, Victoria	309	**1.6**	*0.10*	0.20	*0.01*	222	**1.0**	*0.07*	0.11	*0.01*
Western Australia	157	**2.2**	*0.18*	0.27	*0.02*	81	**1.0**	*0.12*	0.13	*0.02*
New Zealand	184	**1.3**	*0.10*	0.16	*0.01*	146	**0.9**	*0.08*	0.09	*0.01*
New Zealand: Maori	16	**1.4**	*0.38*	0.17	*0.06*	7	**0.5**	*0.19*	0.05	*0.02*
New Zealand: Pacific Islander	6	**1.3**	*0.54*	0.15	*0.06*	4	**0.9**	*0.44*	0.09	*0.06*
New Zealand: Other	162	**1.3**	*0.11*	0.16	*0.01*	135	**0.9**	*0.09*	0.10	*0.01*
USA, Hawaii	63	**1.4**	*0.19*	0.17	*0.03*	63	**1.0**	*0.15*	0.12	*0.02*
*USA, Hawaii: Chinese	3	**1.4**	*0.84*	0.18	*0.11*	2	**0.9**	*0.84*	0.05	*0.05*
*USA, Hawaii: Filipino	8	**1.6**	*0.59*	0.24	*0.09*	15	**1.9**	*0.53*	0.18	*0.07*
*USA, Hawaii: Hawaiian	8	**1.3**	*0.47*	0.17	*0.07*	6	**0.8**	*0.33*	0.08	*0.04*
*USA, Hawaii: Japanese	11	**0.9**	*0.28*	0.10	*0.04*	17	**0.7**	*0.20*	0.09	*0.03*
*USA, Hawaii: White	32	**2.5**	*0.45*	0.27	*0.06*	18	**1.3**	*0.35*	0.19	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Salivary glands (C07-08)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	7	**0.2**	*0.09*	–	-	2	**0.1**	*0.07*	–	-
Egypt, Gharbiah	28	**0.4**	*0.08*	0.05	*0.01*	28	**0.3**	*0.07*	0.04	*0.01*
*Libya, Benghazi	3	**0.2**	*0.11*	0.02	*0.01*	5	**0.3**	*0.14*	0.03	*0.01*
*Malawi, Blantyre	10	**0.8**	*0.30*	0.08	*0.03*	8	**0.8**	*0.33*	0.12	*0.05*
*South Africa, PROMEC	1	**0.0**	*0.05*	–	-	2	**0.1**	*0.05*	0.00	*0.00*
*Tunisia, North	29	**0.4**	*0.08*	0.05	*0.01*	23	**0.3**	*0.07*	0.04	*0.01*
*Uganda, Kyadondo County	8	**0.6**	*0.28*	0.10	*0.05*	10	**0.6**	*0.24*	0.07	*0.03*
*Zimbabwe, Harare: African	10	**0.6**	*0.23*	0.07	*0.03*	12	**1.0**	*0.36*	0.12	*0.05*
America, Central and South										
Argentina, Bahía Blanca	4	**0.4**	*0.24*	0.03	*0.02*	4	**0.4**	*0.20*	0.04	*0.02*
Argentina, Córdoba	34	**1.2**	*0.22*	0.12	*0.03*	29	**0.8**	*0.16*	0.09	*0.02*
Argentina, Mendoza	43	**1.0**	*0.16*	0.13	*0.02*	32	**0.7**	*0.12*	0.07	*0.01*
*Argentina, Tierra del Fuego	1	**0.7**	*0.67*	–	-	2	**0.7**	*0.50*	0.06	*0.04*
Brazil, Aracaju	10	**1.9**	*0.63*	0.28	*0.10*	9	**1.0**	*0.34*	0.12	*0.05*
Brazil, Belo Horizonte	28	**1.1**	*0.21*	0.11	*0.03*	23	**0.6**	*0.12*	0.05	*0.01*
Brazil, Cuiabá	3	**0.3**	*0.16*	0.01	*0.01*	4	**0.3**	*0.19*	0.03	*0.02*
Brazil, Fortaleza	31	**1.1**	*0.20*	0.11	*0.03*	25	**0.5**	*0.10*	0.05	*0.01*
Brazil, Goiânia	23	**1.0**	*0.23*	0.11	*0.03*	31	**0.9**	*0.17*	0.08	*0.02*
*Brazil, São Paulo	255	**1.1**	*0.07*	0.11	*0.01*	282	**0.9**	*0.06*	0.09	*0.01*
Chile, Region of Antofagasta	6	**0.5**	*0.21*	0.04	*0.02*	5	**0.3**	*0.14*	0.01	*0.01*
Chile, Bío Bío Province	3	**0.3**	*0.17*	0.04	*0.02*	4	**0.4**	*0.20*	0.04	*0.02*
Chile, Valdivia	7	**0.7**	*0.26*	0.05	*0.03*	6	**0.5**	*0.19*	0.04	*0.03*
Colombia, Bucaramanga	18	**0.8**	*0.20*	0.08	*0.03*	12	**0.4**	*0.12*	0.04	*0.02*
Colombia, Cali	50	**1.1**	*0.17*	0.12	*0.02*	42	**0.8**	*0.12*	0.09	*0.02*
Colombia, Manizales	9	**1.0**	*0.34*	0.12	*0.05*	13	**1.1**	*0.31*	0.11	*0.04*
Colombia, Pasto	6	**0.8**	*0.33*	0.10	*0.05*	7	**0.7**	*0.28*	0.09	*0.04*
Costa Rica	67	**0.7**	*0.09*	0.08	*0.01*	48	**0.4**	*0.07*	0.04	*0.01*
Cuba, Villa Clara	24	**0.9**	*0.21*	0.09	*0.02*	18	**0.6**	*0.17*	0.06	*0.02*
Ecuador, Cuenca	4	**0.5**	*0.25*	0.06	*0.04*	5	**0.5**	*0.21*	0.03	*0.02*
Ecuador, Quito	17	**0.5**	*0.13*	0.04	*0.02*	26	**0.7**	*0.14*	0.08	*0.02*
*France, Martinique	8	**0.7**	*0.23*	0.08	*0.03*	7	**0.4**	*0.15*	0.03	*0.01*
*Jamaica, Kingston and St Andrew	2	**0.1**	*0.07*	0.00	*0.00*	4	**0.3**	*0.14*	0.03	*0.02*
USA, Puerto Rico	117	**0.9**	*0.09*	0.09	*0.01*	81	**0.6**	*0.06*	0.06	*0.01*
Uruguay	38	**0.6**	*0.10*	0.05	*0.01*	34	**0.5**	*0.09*	0.04	*0.01*
America, North										
Canada	1092	**0.9**	*0.03*	0.10	*0.00*	826	**0.7**	*0.03*	0.07	*0.00*
Canada, Alberta	60	**0.6**	*0.07*	0.07	*0.01*	55	**0.5**	*0.07*	0.05	*0.01*
Canada, British Columbia	114	**0.7**	*0.07*	0.08	*0.01*	82	**0.5**	*0.06*	0.05	*0.01*
Canada, Manitoba	26	**0.6**	*0.12*	0.06	*0.01*	29	**0.5**	*0.11*	0.05	*0.01*
Canada, New Brunswick	37	**1.3**	*0.22*	0.14	*0.03*	23	**0.7**	*0.15*	0.06	*0.02*
Canada, Newfoundland and Labrador	20	**1.0**	*0.23*	0.10	*0.03*	11	**0.7**	*0.21*	0.06	*0.02*
*Canada, Northwest Territories	3	**2.3**	*1.36*	0.10	*0.07*	0	**-**	-	–	-
Canada, Nova Scotia	21	**0.6**	*0.14*	0.07	*0.02*	14	**0.4**	*0.11*	0.04	*0.01*
Canada, Ontario	540	**1.2**	*0.05*	0.12	*0.01*	374	**0.8**	*0.04*	0.09	*0.01*
Canada, Prince Edward Island	1	**0.1**	*0.09*	–	-	5	**0.6**	*0.32*	0.05	*0.03*
*Canada, Quebec	243	**0.9**	*0.06*	0.09	*0.01*	214	**0.7**	*0.05*	0.07	*0.01*
Canada, Saskatchewan	27	**0.7**	*0.14*	0.06	*0.02*	19	**0.5**	*0.13*	0.06	*0.02*
*Canada, Yukon	0	**-**	-	–	-	0	**-**	-	–	-
USA, NPCR (42 states)	9484	**1.0**	*0.01*	0.11	*0.00*	6755	**0.7**	*0.01*	0.07	*0.00*
USA, NPCR (42 states): American Indian	33	**0.5**	*0.09*	0.05	*0.01*	35	**0.5**	*0.08*	0.05	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	192	**0.6**	*0.04*	0.06	*0.01*	196	**0.5**	*0.04*	0.05	*0.00*
USA, NPCR (42 states): Black	668	**0.8**	*0.03*	0.09	*0.00*	758	**0.7**	*0.03*	0.08	*0.00*
USA, NPCR (42 states): White	8442	**1.0**	*0.01*	0.11	*0.00*	5632	**0.7**	*0.01*	0.07	*0.00*
USA, SEER (9 registries)	1000	**1.1**	*0.04*	0.11	*0.00*	766	**0.7**	*0.03*	0.08	*0.00*
*USA, SEER (9 registries): Black	62	**0.7**	*0.10*	0.08	*0.01*	90	**0.9**	*0.09*	0.09	*0.01*
*USA, SEER (9 registries): White	844	**1.1**	*0.04*	0.12	*0.01*	594	**0.7**	*0.03*	0.07	*0.00*
USA, SEER (18 registries)	2886	**1.0**	*0.02*	0.11	*0.00*	2099	**0.7**	*0.02*	0.07	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	169	**0.8**	*0.06*	0.08	*0.01*	172	**0.7**	*0.06*	0.07	*0.01*
*USA, SEER (18 registries): Black	191	**0.8**	*0.06*	0.09	*0.01*	230	**0.8**	*0.05*	0.08	*0.01*
*USA, SEER (18 registries): Hispanic White	214	**0.7**	*0.05*	0.07	*0.01*	216	**0.6**	*0.04*	0.06	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	2264	**1.1**	*0.03*	0.12	*0.00*	1452	**0.7**	*0.02*	0.07	*0.00*
*USA, SEER (18 registries): White	2478	**1.1**	*0.02*	0.11	*0.00*	1668	**0.7**	*0.02*	0.07	*0.00*
USA, Alabama	190	**1.2**	*0.09*	0.13	*0.01*	104	**0.5**	*0.06*	0.05	*0.01*
USA, Alabama: Black	22	**0.7**	*0.16*	0.08	*0.02*	25	**0.7**	*0.14*	0.06	*0.01*
USA, Alabama: White	167	**1.3**	*0.10*	0.14	*0.01*	78	**0.5**	*0.07*	0.05	*0.01*
USA, Alaska	13	**0.8**	*0.21*	0.10	*0.04*	10	**0.5**	*0.16*	0.04	*0.02*
*USA, Alaska: American Indian	4	**1.8**	*0.94*	0.28	*0.15*	2	**0.6**	*0.42*	0.05	*0.04*
USA, Arizona	216	**1.0**	*0.07*	0.11	*0.01*	120	**0.5**	*0.05*	0.06	*0.01*
USA, Arizona: American Indian	3	**0.4**	*0.21*	0.02	*0.01*	8	**1.1**	*0.40*	0.13	*0.05*
USA, Arizona: Asian and Pacific Islander	1	**0.2**	*0.20*	0.02	*0.02*	2	**0.5**	*0.37*	0.09	*0.06*
USA, Arizona: Black	4	**0.9**	*0.47*	0.07	*0.05*	4	**0.7**	*0.33*	0.08	*0.05*
USA, Arizona: White	203	**1.0**	*0.07*	0.11	*0.01*	98	**0.4**	*0.05*	0.05	*0.01*
USA, Arkansas	93	**0.8**	*0.09*	0.08	*0.01*	64	**0.6**	*0.08*	0.06	*0.01*
USA, Arkansas: Black	5	**0.4**	*0.17*	0.01	*0.01*	7	**0.5**	*0.21*	0.05	*0.02*
USA, Arkansas: White	86	**0.9**	*0.10*	0.09	*0.01*	57	**0.6**	*0.09*	0.06	*0.01*
USA, California	1249	**1.1**	*0.03*	0.11	*0.00*	886	**0.7**	*0.03*	0.08	*0.00*
USA, California: American Indian	4	**0.3**	*0.14*	0.03	*0.01*	3	**0.3**	*0.16*	0.04	*0.02*
USA, California: Asian and Pacific Islander	103	**0.8**	*0.08*	0.08	*0.01*	112	**0.7**	*0.07*	0.07	*0.01*
USA, California: Black	62	**1.0**	*0.13*	0.11	*0.02*	52	**0.7**	*0.10*	0.06	*0.01*
USA, California: White	1051	**1.1**	*0.04*	0.12	*0.01*	706	**0.7**	*0.03*	0.08	*0.00*
USA, California, Los Angeles County	272	**0.9**	*0.06*	0.10	*0.01*	229	**0.7**	*0.05*	0.08	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	32	**0.8**	*0.14*	0.09	*0.02*	39	**0.8**	*0.13*	0.09	*0.02*
*USA, California, Los Angeles County: Black	24	**1.0**	*0.20*	0.10	*0.02*	18	**0.5**	*0.13*	0.05	*0.01*
*USA, California, Los Angeles County: Chinese	7	**0.5**	*0.21*	0.06	*0.03*	7	**0.5**	*0.18*	0.05	*0.02*
*USA, California, Los Angeles County: Filipino	9	**1.2**	*0.40*	0.14	*0.05*	12	**1.0**	*0.31*	0.13	*0.04*
*USA, California, Los Angeles County: Hispanic White	57	**0.6**	*0.09*	0.06	*0.01*	67	**0.7**	*0.08*	0.07	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Salivary glands (C07-08) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	2	**0.3**	*0.26*	0.02	*0.02*	6	**1.2**	*0.54*	0.13	*0.06*
*USA, California, Los Angeles County: Korean	5	**0.8**	*0.37*	0.11	*0.05*	3	**0.4**	*0.27*	0.03	*0.02*
*USA, California, Los Angeles County: Non−Hispanic White	156	**1.1**	*0.10*	0.12	*0.01*	102	**0.7**	*0.09*	0.08	*0.01*
*USA, California, Los Angeles County: White	213	**0.9**	*0.07*	0.10	*0.01*	169	**0.7**	*0.06*	0.08	*0.01*
USA, California, San Francisco Bay Area	181	**1.3**	*0.10*	0.14	*0.01*	127	**0.8**	*0.08*	0.09	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	31	**1.1**	*0.20*	0.11	*0.02*	25	**0.7**	*0.14*	0.06	*0.02*
*USA, California, San Francisco Bay Area: Black	12	**1.0**	*0.30*	0.09	*0.03*	14	**1.1**	*0.32*	0.09	*0.03*
*USA, California, San Francisco Bay Area: Hispanic White	14	**1.0**	*0.29*	0.18	*0.06*	14	**0.8**	*0.22*	0.08	*0.03*
*USA, California, San Francisco Bay Area: Non−Hispanic White	119	**1.4**	*0.13*	0.15	*0.02*	72	**0.8**	*0.11*	0.10	*0.02*
*USA, California, San Francisco Bay Area: White	133	**1.3**	*0.12*	0.15	*0.02*	86	**0.8**	*0.10*	0.10	*0.01*
USA, Colorado	161	**1.1**	*0.09*	0.11	*0.01*	104	**0.6**	*0.07*	0.07	*0.01*
USA, Colorado: Asian and Pacific Islander	2	**0.6**	*0.42*	0.05	*0.04*	3	**1.0**	*0.56*	0.15	*0.09*
USA, Colorado: Black	4	**0.9**	*0.50*	0.06	*0.04*	2	**0.3**	*0.24*	0.03	*0.02*
USA, Colorado: White	153	**1.1**	*0.09*	0.11	*0.01*	96	**0.6**	*0.07*	0.07	*0.01*
USA, Connecticut	143	**1.1**	*0.10*	0.11	*0.01*	102	**0.7**	*0.08*	0.06	*0.01*
*USA, Connecticut: Black	8	**0.9**	*0.32*	0.11	*0.05*	10	**0.9**	*0.28*	0.07	*0.03*
*USA, Connecticut: White	128	**1.1**	*0.10*	0.11	*0.01*	88	**0.6**	*0.08*	0.06	*0.01*
USA, Delaware	27	**0.9**	*0.17*	0.10	*0.02*	22	**0.6**	*0.14*	0.07	*0.02*
USA, Delaware: Black	4	**0.9**	*0.49*	0.09	*0.06*	4	**0.7**	*0.36*	0.07	*0.04*
USA, Delaware: White	23	**0.9**	*0.19*	0.10	*0.03*	18	**0.6**	*0.15*	0.07	*0.02*
USA, Florida	853	**1.1**	*0.04*	0.12	*0.01*	502	**0.7**	*0.03*	0.07	*0.00*
USA, Florida: Asian and Pacific Islander	2	**0.2**	*0.15*	0.05	*0.03*	3	**0.2**	*0.13*	0.03	*0.02*
USA, Florida: Black	61	**0.9**	*0.12*	0.11	*0.02*	52	**0.6**	*0.09*	0.06	*0.01*
USA, Florida: White	779	**1.1**	*0.05*	0.13	*0.01*	443	**0.7**	*0.04*	0.07	*0.00*
USA, Georgia	290	**1.1**	*0.07*	0.12	*0.01*	209	**0.7**	*0.05*	0.07	*0.01*
USA, Georgia: Asian and Pacific Islander	1	**0.1**	*0.11*	0.01	*0.01*	3	**0.6**	*0.35*	0.06	*0.04*
USA, Georgia: Black	46	**0.7**	*0.11*	0.08	*0.01*	61	**0.8**	*0.10*	0.09	*0.01*
USA, Georgia: White	243	**1.2**	*0.08*	0.13	*0.01*	143	**0.6**	*0.06*	0.06	*0.01*
USA, Georgia, Atlanta	85	**1.0**	*0.11*	0.10	*0.02*	78	**0.8**	*0.09*	0.08	*0.01*
*USA, Georgia, Atlanta: Black	19	**0.7**	*0.18*	0.06	*0.02*	32	**0.9**	*0.17*	0.09	*0.02*
*USA, Georgia, Atlanta: White	65	**1.1**	*0.14*	0.12	*0.02*	43	**0.7**	*0.12*	0.07	*0.01*
USA, Idaho	56	**1.1**	*0.16*	0.13	*0.02*	38	**0.8**	*0.14*	0.08	*0.02*
USA, Illinois	405	**0.9**	*0.05*	0.10	*0.01*	321	**0.7**	*0.04*	0.07	*0.01*
USA, Illinois: Asian and Pacific Islander	5	**0.3**	*0.15*	0.02	*0.01*	6	**0.4**	*0.16*	0.05	*0.02*
USA, Illinois: Black	41	**0.9**	*0.14*	0.09	*0.02*	44	**0.7**	*0.11*	0.08	*0.01*
USA, Illinois: White	352	**0.9**	*0.05*	0.10	*0.01*	265	**0.7**	*0.04*	0.07	*0.01*
USA, Indiana	228	**1.0**	*0.07*	0.11	*0.01*	158	**0.6**	*0.05*	0.06	*0.01*
USA, Indiana: Black	13	**0.9**	*0.27*	0.10	*0.03*	9	**0.5**	*0.18*	0.05	*0.02*
USA, Indiana: White	211	**1.0**	*0.07*	0.11	*0.01*	147	**0.6**	*0.06*	0.07	*0.01*
USA, Iowa	121	**1.0**	*0.10*	0.10	*0.01*	91	**0.7**	*0.09*	0.08	*0.01*
USA, Kentucky	147	**1.0**	*0.08*	0.10	*0.01*	99	**0.6**	*0.07*	0.06	*0.01*
USA, Louisiana	118	**1.0**	*0.10*	0.11	*0.01*	83	**0.6**	*0.07*	0.06	*0.01*
*USA, Louisiana: Black	22	**0.9**	*0.19*	0.12	*0.03*	24	**0.7**	*0.14*	0.06	*0.02*
*USA, Louisiana: White	94	**1.1**	*0.12*	0.11	*0.02*	58	**0.6**	*0.09*	0.06	*0.01*
*USA, Louisiana, New Orleans	22	**1.0**	*0.23*	0.12	*0.03*	13	**0.6**	*0.17*	0.07	*0.02*
*USA, Louisiana, New Orleans: Black	7	**1.1**	*0.41*	0.12	*0.06*	6	**0.8**	*0.32*	0.08	*0.04*
*USA, Louisiana, New Orleans: White	14	**1.1**	*0.32*	0.12	*0.04*	7	**0.4**	*0.16*	0.06	*0.03*
USA, Maine	58	**1.0**	*0.14*	0.10	*0.02*	33	**0.6**	*0.11*	0.06	*0.01*
USA, Massachusetts	221	**1.0**	*0.07*	0.10	*0.01*	210	**0.8**	*0.06*	0.09	*0.01*
USA, Massachusetts: Asian and Pacific Islander	1	**0.1**	*0.13*	0.01	*0.01*	7	**0.8**	*0.31*	0.07	*0.03*
USA, Massachusetts: Black	12	**0.9**	*0.27*	0.08	*0.02*	18	**1.3**	*0.32*	0.12	*0.03*
USA, Massachusetts: White	203	**1.0**	*0.07*	0.10	*0.01*	181	**0.8**	*0.06*	0.08	*0.01*
USA, Michigan	351	**1.0**	*0.05*	0.11	*0.01*	294	**0.8**	*0.05*	0.08	*0.01*
USA, Michigan: Asian and Pacific Islander	4	**0.7**	*0.38*	0.10	*0.06*	0	**-**	-	–	-
USA, Michigan: Black	25	**0.7**	*0.15*	0.09	*0.02*	39	**0.8**	*0.14*	0.09	*0.02*
USA, Michigan: White	313	**1.0**	*0.06*	0.11	*0.01*	244	**0.8**	*0.06*	0.08	*0.01*
USA, Michigan, Detroit	143	**1.0**	*0.09*	0.11	*0.01*	143	**0.9**	*0.08*	0.10	*0.01*
*USA, Michigan, Detroit: Black	14	**0.6**	*0.15*	0.07	*0.02*	31	**0.9**	*0.16*	0.10	*0.02*
*USA, Michigan, Detroit: White	128	**1.2**	*0.11*	0.13	*0.01*	107	**1.0**	*0.10*	0.10	*0.01*
USA, Mississippi	98	**1.0**	*0.10*	0.10	*0.01*	76	**0.7**	*0.08*	0.07	*0.01*
USA, Missouri	187	**0.9**	*0.07*	0.09	*0.01*	156	**0.7**	*0.06*	0.06	*0.01*
USA, Missouri: Black	16	**1.0**	*0.25*	0.09	*0.03*	15	**0.7**	*0.19*	0.06	*0.02*
USA, Missouri: White	169	**0.8**	*0.07*	0.09	*0.01*	140	**0.7**	*0.06*	0.06	*0.01*
USA, Montana	50	**1.3**	*0.19*	0.15	*0.03*	21	**0.5**	*0.12*	0.05	*0.01*
USA, Montana: American Indian	0	**-**	-	–	-	3	**1.7**	*0.99*	0.15	*0.09*
USA, Nebraska	70	**1.1**	*0.14*	0.12	*0.02*	55	**0.8**	*0.12*	0.07	*0.01*
USA, Nebraska: Black	1	**0.8**	*0.84*	0.11	*0.11*	0	**-**	-	–	-
USA, Nebraska: White	67	**1.1**	*0.14*	0.12	*0.02*	52	**0.8**	*0.12*	0.07	*0.01*
USA, New Hampshire	46	**1.0**	*0.15*	0.11	*0.02*	28	**0.6**	*0.12*	0.07	*0.01*
USA, New Jersey	344	**1.1**	*0.06*	0.11	*0.01*	259	**0.8**	*0.05*	0.09	*0.01*
*USA, New Jersey: Black	26	**0.8**	*0.16*	0.08	*0.02*	40	**1.1**	*0.17*	0.10	*0.02*
*USA, New Jersey: White	307	**1.1**	*0.07*	0.12	*0.01*	207	**0.7**	*0.06*	0.08	*0.01*
USA, New Mexico	79	**1.2**	*0.14*	0.14	*0.02*	41	**0.5**	*0.09*	0.06	*0.01*
*USA, New Mexico: Hispanic White	19	**0.8**	*0.19*	0.07	*0.02*	14	**0.5**	*0.14*	0.04	*0.01*
*USA, New Mexico: Non−Hispanic White	56	**1.6**	*0.23*	0.19	*0.03*	23	**0.6**	*0.13*	0.06	*0.02*
*USA, New Mexico: White	75	**1.3**	*0.16*	0.15	*0.02*	37	**0.5**	*0.10*	0.05	*0.01*
USA, New York State	714	**1.0**	*0.04*	0.10	*0.01*	594	**0.8**	*0.03*	0.08	*0.00*
USA, New York State: Asian and Pacific Islander	27	**0.7**	*0.14*	0.07	*0.02*	18	**0.4**	*0.11*	0.05	*0.01*
USA, New York State: Black	68	**0.8**	*0.10*	0.09	*0.01*	88	**0.7**	*0.08*	0.08	*0.01*
USA, New York State: White	607	**1.0**	*0.05*	0.11	*0.01*	477	**0.8**	*0.04*	0.08	*0.00*
USA, North Carolina	301	**1.0**	*0.06*	0.11	*0.01*	191	**0.6**	*0.05*	0.06	*0.01*
USA, North Carolina: American Indian	2	**0.6**	*0.43*	0.06	*0.04*	0	**-**	-	–	-
USA, North Carolina: Asian and Pacific Islander	1	**0.4**	*0.37*	0.05	*0.05*	2	**0.6**	*0.41*	0.08	*0.06*
USA, North Carolina: Black	36	**0.7**	*0.13*	0.07	*0.01*	42	**0.7**	*0.11*	0.07	*0.01*
USA, North Carolina: White	257	**1.1**	*0.07*	0.12	*0.01*	143	**0.5**	*0.05*	0.06	*0.01*
USA, North Dakota	17	**0.5**	*0.14*	0.05	*0.02*	14	**0.6**	*0.19*	0.06	*0.02*
USA, Ohio	420	**1.0**	*0.05*	0.10	*0.01*	316	**0.7**	*0.05*	0.08	*0.01*
USA, Ohio: Asian and Pacific Islander	1	**0.2**	*0.23*	0.02	*0.02*	3	**0.7**	*0.39*	0.09	*0.06*
USA, Ohio: Black	24	**0.7**	*0.15*	0.07	*0.02*	35	**0.8**	*0.14*	0.09	*0.02*
USA, Ohio: White	386	**1.0**	*0.05*	0.10	*0.01*	266	**0.7**	*0.05*	0.07	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Salivary glands (C07-08) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	155	**1.1**	*0.10*	0.12	*0.01*	88	**0.6**	*0.07*	0.06	*0.01*
USA, Oklahoma: American Indian	7	**0.9**	*0.36*	0.13	*0.07*	6	**0.7**	*0.30*	0.08	*0.04*
USA, Oklahoma: Black	5	**0.7**	*0.34*	0.06	*0.04*	6	**0.8**	*0.32*	0.07	*0.03*
USA, Oklahoma: White	140	**1.2**	*0.11*	0.13	*0.01*	74	**0.6**	*0.08*	0.06	*0.01*
USA, Oregon	125	**0.9**	*0.08*	0.09	*0.01*	67	**0.5**	*0.06*	0.05	*0.01*
USA, Oregon: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.22*	0.02	*0.02*
USA, Oregon: Black	2	**0.8**	*0.60*	0.08	*0.06*	0	**-**	-	–	-
USA, Oregon: White	119	**0.9**	*0.09*	0.09	*0.01*	62	**0.4**	*0.06*	0.05	*0.01*
USA, Pennsylvania	521	**1.0**	*0.05*	0.11	*0.01*	368	**0.7**	*0.04*	0.07	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	4	**0.5**	*0.26*	0.02	*0.01*	2	**0.2**	*0.13*	0.01	*0.01*
USA, Pennsylvania: Black	28	**0.8**	*0.16*	0.10	*0.02*	35	**0.9**	*0.15*	0.11	*0.02*
USA, Pennsylvania: White	485	**1.1**	*0.05*	0.11	*0.01*	322	**0.7**	*0.04*	0.07	*0.00*
USA, Rhode Island	33	**0.8**	*0.15*	0.08	*0.02*	23	**0.6**	*0.13*	0.06	*0.01*
USA, Rhode Island: Black	1	**0.6**	*0.55*	0.06	*0.06*	1	**0.5**	*0.52*	0.04	*0.04*
USA, Rhode Island: White	32	**0.9**	*0.16*	0.09	*0.02*	21	**0.5**	*0.13*	0.06	*0.02*
USA, South Carolina	149	**1.0**	*0.08*	0.10	*0.01*	86	**0.5**	*0.06*	0.05	*0.01*
USA, South Carolina: Black	19	**0.6**	*0.14*	0.06	*0.02*	20	**0.4**	*0.10*	0.05	*0.01*
USA, South Carolina: White	130	**1.1**	*0.10*	0.11	*0.01*	65	**0.5**	*0.08*	0.06	*0.01*
USA, South Dakota	31	**0.9**	*0.18*	0.09	*0.02*	24	**0.7**	*0.15*	0.07	*0.02*
USA, Tennessee	214	**1.0**	*0.07*	0.11	*0.01*	150	**0.6**	*0.05*	0.07	*0.01*
USA, Tennessee: Black	13	**0.6**	*0.16*	0.08	*0.03*	23	**0.8**	*0.16*	0.09	*0.02*
USA, Tennessee: White	198	**1.0**	*0.08*	0.11	*0.01*	119	**0.6**	*0.06*	0.06	*0.01*
USA, Texas	701	**1.0**	*0.04*	0.12	*0.01*	503	**0.6**	*0.03*	0.06	*0.00*
USA, Texas: Asian and Pacific Islander	9	**0.4**	*0.16*	0.04	*0.02*	7	**0.4**	*0.14*	0.03	*0.02*
USA, Texas: Black	58	**0.9**	*0.13*	0.10	*0.02*	53	**0.7**	*0.10*	0.07	*0.01*
USA, Texas: White	624	**1.0**	*0.04*	0.12	*0.01*	430	**0.6**	*0.03*	0.06	*0.00*
USA, Utah	63	**0.9**	*0.12*	0.10	*0.02*	55	**0.8**	*0.11*	0.09	*0.01*
USA, Vermont	20	**0.8**	*0.20*	0.09	*0.03*	13	**0.6**	*0.16*	0.07	*0.02*
USA, Virginia	243	**1.0**	*0.06*	0.11	*0.01*	198	**0.7**	*0.05*	0.07	*0.01*
USA, Virginia: Asian and Pacific Islander	6	**0.6**	*0.27*	0.10	*0.05*	4	**0.3**	*0.14*	0.02	*0.01*
USA, Virginia: Black	31	**0.8**	*0.15*	0.10	*0.02*	35	**0.7**	*0.12*	0.07	*0.02*
USA, Virginia: White	198	**1.0**	*0.07*	0.11	*0.01*	156	**0.7**	*0.06*	0.07	*0.01*
USA, Washington State	205	**0.9**	*0.07*	0.09	*0.01*	146	**0.6**	*0.06*	0.06	*0.01*
USA, Washington, Seattle	132	**0.9**	*0.08*	0.08	*0.01*	92	**0.6**	*0.06*	0.05	*0.01*
USA, West Virginia	72	**1.0**	*0.12*	0.09	*0.01*	42	**0.6**	*0.11*	0.05	*0.01*
USA, Wisconsin	190	**1.0**	*0.07*	0.10	*0.01*	146	**0.7**	*0.07*	0.07	*0.01*
USA, Wisconsin: Black	5	**0.6**	*0.27*	0.06	*0.03*	6	**0.8**	*0.32*	0.09	*0.04*
USA, Wisconsin: White	179	**1.0**	*0.07*	0.10	*0.01*	134	**0.7**	*0.07*	0.07	*0.01*
USA, Wyoming	16	**0.7**	*0.19*	0.05	*0.02*	12	**0.6**	*0.20*	0.05	*0.02*
Asia										
Bahrain: Bahraini	6	**0.8**	*0.32*	0.06	*0.03*	4	**0.4**	*0.19*	0.02	*0.01*
China, Beijing City	142	**0.5**	*0.05*	0.06	*0.01*	120	**0.4**	*0.04*	0.05	*0.01*
*China, Cixian County	5	**0.4**	*0.16*	0.05	*0.03*	6	**0.4**	*0.16*	0.04	*0.02*
China, Haining County	9	**0.4**	*0.14*	0.05	*0.02*	7	**0.3**	*0.13*	0.04	*0.02*
*China, Harbin City, Nangang District	7	**0.2**	*0.10*	0.03	*0.01*	2	**0.1**	*0.04*	0.00	*0.00*
China, Hong Kong	177	**0.8**	*0.06*	0.08	*0.01*	148	**0.6**	*0.06*	0.06	*0.01*
China, Jiashan County	5	**0.3**	*0.15*	0.03	*0.01*	6	**0.4**	*0.17*	0.05	*0.02*
China, Jiaxing City	3	**0.2**	*0.13*	0.06	*0.03*	5	**0.4**	*0.19*	0.05	*0.03*
China, Macao	11	**0.9**	*0.28*	0.11	*0.04*	5	**0.4**	*0.19*	0.04	*0.02*
China, Qidong County	19	**0.4**	*0.10*	0.05	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
*China, Shanghai City	144	**0.5**	*0.05*	0.06	*0.01*	129	**0.5**	*0.05*	0.05	*0.01*
*China, Wuhan City	77	**0.6**	*0.07*	0.05	*0.01*	76	**0.5**	*0.06*	0.06	*0.01*
*China, Yangcheng County	4	**0.4**	*0.20*	0.05	*0.03*	0	**-**	-	–	-
*China, Yanting County	0	**-**	-	–	-	12	**0.7**	*0.21*	0.14	*0.04*
*China, Zhongshan City	26	**0.9**	*0.18*	0.10	*0.02*	11	**0.4**	*0.12*	0.05	*0.02*
*India, Bangalore	36	**0.5**	*0.08*	0.06	*0.01*	36	**0.4**	*0.07*	0.04	*0.01*
*India; Barshi, Paranda, and Bhum	3	**0.2**	*0.15*	0.02	*0.01*	0	**-**	-	–	-
*India, Bhopal	11	**0.5**	*0.15*	0.06	*0.02*	6	**0.2**	*0.10*	0.02	*0.01*
*India, Chennai	60	**0.5**	*0.07*	0.06	*0.01*	45	**0.4**	*0.06*	0.04	*0.01*
*India, Dindigul, Ambilikkai	11	**0.2**	*0.07*	0.03	*0.01*	14	**0.3**	*0.07*	0.03	*0.01*
*India, Karunagappally	4	**0.4**	*0.19*	0.04	*0.03*	3	**0.3**	*0.15*	0.03	*0.02*
*India, Mizoram	7	**0.5**	*0.18*	0.04	*0.02*	10	**0.6**	*0.21*	0.09	*0.04*
*India, Mumbai	148	**0.5**	*0.05*	0.06	*0.01*	105	**0.4**	*0.04*	0.04	*0.00*
*India, New Delhi	231	**0.8**	*0.06*	0.10	*0.01*	138	**0.5**	*0.04*	0.05	*0.01*
*India, Poona	41	**0.5**	*0.08*	0.06	*0.01*	22	**0.3**	*0.06*	0.03	*0.01*
*India, Sikkim State	4	**0.3**	*0.16*	0.02	*0.01*	8	**0.8**	*0.32*	0.07	*0.03*
*India, Trivandrum	14	**0.8**	*0.22*	0.09	*0.03*	7	**0.4**	*0.14*	0.04	*0.02*
*Iran (Islamic Republic of), Golestan Province	6	**0.4**	*0.16*	0.04	*0.02*	3	**0.2**	*0.10*	0.02	*0.01*
Israel	187	**0.9**	*0.07*	0.10	*0.01*	147	**0.7**	*0.06*	0.07	*0.01*
*Israel: Jews	173	**1.0**	*0.08*	0.10	*0.01*	140	**0.8**	*0.07*	0.08	*0.01*
*Israel: Non–Jews	14	**0.7**	*0.19*	0.08	*0.03*	7	**0.4**	*0.14*	0.03	*0.01*
Japan, Aichi Prefecture	28	**0.5**	*0.11*	0.05	*0.01*	20	**0.4**	*0.10*	0.03	*0.01*
Japan, Fukui Prefecture	16	**0.5**	*0.12*	0.05	*0.01*	11	**0.3**	*0.12*	0.03	*0.01*
Japan, Hiroshima	33	**0.8**	*0.14*	0.09	*0.02*	24	**0.5**	*0.10*	0.05	*0.01*
Japan, Miyagi Prefecture	68	**0.7**	*0.09*	0.07	*0.01*	43	**0.4**	*0.07*	0.04	*0.01*
Japan, Nagasaki Prefecture	57	**0.9**	*0.13*	0.11	*0.02*	28	**0.3**	*0.07*	0.03	*0.01*
Japan, Niigata Prefecture	51	**0.4**	*0.06*	0.05	*0.01*	34	**0.3**	*0.06*	0.03	*0.01*
*Japan, Osaka Prefecture	157	**0.4**	*0.03*	0.04	*0.00*	125	**0.3**	*0.03*	0.03	*0.00*
Japan, Saga Prefecture	18	**0.4**	*0.12*	0.05	*0.01*	15	**0.2**	*0.08*	0.02	*0.01*
Republic of Korea	905	**0.7**	*0.02*	0.08	*0.00*	683	**0.4**	*0.02*	0.04	*0.00*
Republic of Korea, Busan	58	**0.6**	*0.08*	0.07	*0.01*	55	**0.5**	*0.07*	0.04	*0.01*
Republic of Korea, Daegu	40	**0.6**	*0.10*	0.07	*0.01*	19	**0.2**	*0.06*	0.03	*0.01*
Republic of Korea, Daejeon	23	**0.7**	*0.15*	0.10	*0.02*	20	**0.5**	*0.11*	0.05	*0.01*
Republic of Korea, Gwangju	34	**1.1**	*0.19*	0.13	*0.03*	17	**0.4**	*0.11*	0.04	*0.01*
Republic of Korea, Incheon	41	**0.6**	*0.09*	0.07	*0.01*	33	**0.5**	*0.08*	0.04	*0.01*
Republic of Korea, Jejudo	2	**0.1**	*0.10*	0.01	*0.01*	5	**0.4**	*0.17*	0.02	*0.01*
Republic of Korea, Seoul	195	**0.7**	*0.05*	0.08	*0.01*	161	**0.5**	*0.04*	0.05	*0.00*
Republic of Korea, Ulsan	15	**0.7**	*0.19*	0.06	*0.02*	12	**0.4**	*0.11*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Salivary glands (C07-08) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	17	**0.5**	*0.17*	0.05	*0.02*	9	**0.2**	*0.08*	0.02	*0.01*
*Kuwait: Kuwaitis	4	**0.4**	*0.19*	0.02	*0.02*	5	**0.2**	*0.11*	0.02	*0.01*
*Kuwait: Non−Kuwaitis	13	**0.6**	*0.28*	0.07	*0.04*	4	**0.2**	*0.10*	0.02	*0.01*
*Malaysia, Penang	14	**0.6**	*0.15*	0.08	*0.02*	13	**0.5**	*0.13*	0.04	*0.01*
*Malaysia, Penang: Chinese	10	**0.7**	*0.22*	0.09	*0.03*	10	**0.6**	*0.20*	0.06	*0.02*
*Malaysia, Penang: Indian	0	**-**	-	–	-	1	**0.3**	*0.31*	0.03	*0.03*
*Malaysia, Penang: Malay	4	**0.5**	*0.26*	0.08	*0.05*	2	**0.2**	*0.16*	0.02	*0.02*
*Philippines, Manila	72	**0.8**	*0.11*	0.08	*0.01*	86	**0.8**	*0.09*	0.09	*0.01*
*Philippines, Rizal	82	**0.9**	*0.10*	0.10	*0.01*	78	**0.7**	*0.08*	0.06	*0.01*
Qatar: Qatari	1	**0.2**	*0.19*	0.02	*0.02*	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	18	**0.3**	*0.08*	0.04	*0.01*	17	**0.3**	*0.07*	0.02	*0.01*
Singapore	67	**0.7**	*0.08*	0.06	*0.01*	64	**0.5**	*0.07*	0.05	*0.01*
Singapore: Chinese	56	**0.7**	*0.09*	0.06	*0.01*	55	**0.6**	*0.08*	0.05	*0.01*
Singapore: Indian	5	**0.6**	*0.28*	0.04	*0.02*	2	**0.3**	*0.20*	0.02	*0.01*
Singapore: Malay	6	**0.5**	*0.21*	0.04	*0.02*	7	**0.5**	*0.18*	0.04	*0.02*
Thailand, Bangkok	59	**0.4**	*0.06*	0.05	*0.01*	68	**0.4**	*0.05*	0.04	*0.01*
Thailand, Chiang Mai	20	**0.4**	*0.10*	0.05	*0.01*	25	**0.5**	*0.10*	0.06	*0.01*
Thailand, Chonburi	24	**0.8**	*0.17*	0.09	*0.02*	22	**0.7**	*0.14*	0.06	*0.01*
*Thailand, Khon Kaen	21	**0.5**	*0.10*	0.06	*0.02*	13	**0.3**	*0.08*	0.02	*0.01*
Thailand, Lampang	12	**0.5**	*0.15*	0.05	*0.02*	14	**0.5**	*0.14*	0.05	*0.02*
*Thailand, Songkhla	9	**0.4**	*0.12*	0.05	*0.02*	17	**0.5**	*0.13*	0.05	*0.01*
*Turkey, Antalya	19	**0.5**	*0.12*	0.04	*0.01*	22	**0.5**	*0.12*	0.05	*0.01*
*Turkey, Edirne	3	**0.4**	*0.24*	0.02	*0.01*	6	**0.5**	*0.19*	0.06	*0.03*
*Turkey, Izmir	63	**0.7**	*0.08*	0.08	*0.01*	47	**0.4**	*0.06*	0.05	*0.01*
*Turkey, Trabzon	5	**0.4**	*0.18*	0.05	*0.03*	2	**0.2**	*0.12*	0.02	*0.01*
Europe										
Austria	219	**0.6**	*0.04*	0.06	*0.01*	164	**0.4**	*0.03*	0.04	*0.00*
Austria, Tyrol	21	**0.8**	*0.19*	0.08	*0.02*	14	**0.4**	*0.13*	0.04	*0.01*
Austria, Vorarlberg	7	**0.5**	*0.19*	0.04	*0.02*	3	**0.2**	*0.12*	0.02	*0.02*
*Belarus	252	**0.9**	*0.06*	0.11	*0.01*	137	**0.3**	*0.03*	0.03	*0.00*
*Belgium	284	**0.8**	*0.05*	0.09	*0.01*	229	**0.6**	*0.05*	0.06	*0.01*
Bulgaria	273	**0.9**	*0.05*	0.10	*0.01*	166	**0.5**	*0.04*	0.05	*0.00*
Croatia	155	**0.9**	*0.08*	0.11	*0.01*	114	**0.6**	*0.06*	0.06	*0.01*
Cyprus	14	**0.5**	*0.14*	0.05	*0.02*	9	**0.3**	*0.10*	0.02	*0.01*
Czech Republic	335	**0.9**	*0.05*	0.10	*0.01*	280	**0.6**	*0.04*	0.06	*0.00*
Denmark	133	**0.6**	*0.05*	0.06	*0.01*	129	**0.5**	*0.06*	0.06	*0.01*
*Estonia	31	**0.7**	*0.13*	0.08	*0.02*	41	**0.7**	*0.11*	0.07	*0.01*
Finland	155	**0.8**	*0.07*	0.09	*0.01*	168	**0.7**	*0.06*	0.07	*0.01*
*France, Bas−Rhin	28	**0.7**	*0.14*	0.07	*0.02*	19	**0.4**	*0.10*	0.05	*0.01*
*France, Calvados	11	**0.4**	*0.12*	0.04	*0.02*	17	**0.6**	*0.17*	0.05	*0.02*
*France, Doubs	21	**1.2**	*0.27*	0.11	*0.03*	15	**0.7**	*0.21*	0.09	*0.03*
*France, Haut−Rhin	32	**1.1**	*0.21*	0.12	*0.03*	21	**0.7**	*0.17*	0.08	*0.02*
*France, Hérault	34	**0.9**	*0.16*	0.09	*0.02*	31	**0.7**	*0.15*	0.07	*0.02*
*France, Isère	24	**0.6**	*0.13*	0.07	*0.02*	19	**0.4**	*0.11*	0.03	*0.01*
*France, Loire−Atlantique	34	**0.7**	*0.13*	0.09	*0.02*	23	**0.4**	*0.09*	0.04	*0.01*
*France, Manche	11	**0.4**	*0.13*	0.05	*0.02*	10	**0.5**	*0.16*	0.05	*0.02*
*France, Somme	17	**0.7**	*0.17*	0.07	*0.02*	10	**0.4**	*0.14*	0.03	*0.01*
*France, Tarn	11	**0.5**	*0.18*	0.04	*0.02*	7	**0.5**	*0.27*	0.05	*0.02*
*France, Vendée	19	**0.8**	*0.20*	0.10	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
Germany, Brandenburg	69	**0.6**	*0.08*	0.07	*0.01*	52	**0.4**	*0.07*	0.03	*0.01*
Germany, Bremen	21	**0.7**	*0.17*	0.06	*0.02*	17	**0.5**	*0.13*	0.05	*0.01*
Germany, Free State of Saxony	115	**0.6**	*0.06*	0.06	*0.01*	116	**0.5**	*0.06*	0.05	*0.01*
Germany, Hamburg	65	**0.9**	*0.12*	0.10	*0.01*	46	**0.4**	*0.08*	0.04	*0.01*
Germany, Mecklenburg−Western Pomerania	52	**0.7**	*0.10*	0.07	*0.01*	32	**0.4**	*0.09*	0.04	*0.01*
Germany, Munich	103	**0.6**	*0.07*	0.07	*0.01*	82	**0.4**	*0.06*	0.05	*0.01*
Germany, North Rhine−Westphalia	69	**0.7**	*0.09*	0.07	*0.01*	68	**0.6**	*0.09*	0.07	*0.01*
Germany, Saarland	30	**0.6**	*0.12*	0.07	*0.02*	29	**0.5**	*0.11*	0.05	*0.01*
Germany, Schleswig−Holstein	94	**0.7**	*0.08*	0.08	*0.01*	71	**0.5**	*0.07*	0.05	*0.01*
Iceland	6	**0.6**	*0.27*	0.07	*0.03*	5	**0.6**	*0.26*	0.07	*0.04*
Ireland	110	**0.8**	*0.08*	0.09	*0.01*	52	**0.3**	*0.05*	0.03	*0.01*
Italy, Biella	6	**0.9**	*0.51*	0.08	*0.04*	7	**0.5**	*0.25*	0.06	*0.03*
Italy, Brescia	20	**0.6**	*0.14*	0.07	*0.02*	28	**0.9**	*0.20*	0.08	*0.02*
Italy, Catania and Messina	31	**0.6**	*0.12*	0.08	*0.02*	22	**0.4**	*0.11*	0.04	*0.01*
Italy, Catanzaro	6	**0.6**	*0.25*	0.06	*0.03*	2	**0.2**	*0.14*	0.03	*0.02*
Italy, Como	10	**0.4**	*0.12*	0.04	*0.02*	15	**0.6**	*0.16*	0.07	*0.02*
Italy, Ferrara	16	**0.8**	*0.21*	0.06	*0.02*	8	**0.2**	*0.09*	0.03	*0.02*
Italy, Florence and Prato	25	**0.9**	*0.20*	0.09	*0.02*	22	**0.6**	*0.17*	0.06	*0.02*
Italy, Friuli−Venezia Giulia	52	**0.8**	*0.13*	0.10	*0.02*	36	**0.5**	*0.10*	0.05	*0.01*
Italy, Genoa	30	**0.7**	*0.14*	0.08	*0.02*	27	**0.4**	*0.13*	0.03	*0.01*
Italy, Latina	15	**0.6**	*0.18*	0.08	*0.02*	20	**0.9**	*0.23*	0.08	*0.02*
Italy, Lecco	8	**0.6**	*0.22*	0.08	*0.03*	12	**0.4**	*0.15*	0.05	*0.02*
Italy, Lombardy, South	15	**0.7**	*0.21*	0.06	*0.02*	16	**0.5**	*0.17*	0.05	*0.02*
Italy, Mantua	9	**1.2**	*0.48*	0.12	*0.04*	1	**0.1**	*0.11*	0.01	*0.01*
Italy, Milan	36	**0.6**	*0.11*	0.07	*0.02*	25	**0.5**	*0.10*	0.04	*0.01*
Italy, Modena	16	**0.7**	*0.20*	0.05	*0.02*	12	**0.6**	*0.22*	0.05	*0.02*
Italy, Naples	12	**0.8**	*0.22*	0.10	*0.03*	10	**0.6**	*0.20*	0.06	*0.02*
Italy, Nuoro	6	**0.7**	*0.33*	0.05	*0.02*	5	**0.4**	*0.22*	0.05	*0.03*
Italy, Palermo	20	**0.5**	*0.13*	0.04	*0.01*	21	**0.5**	*0.12*	0.05	*0.01*
Italy, Parma	16	**0.8**	*0.21*	0.08	*0.03*	11	**0.3**	*0.11*	0.03	*0.01*
Italy, Ragusa	12	**0.9**	*0.27*	0.09	*0.04*	5	**0.3**	*0.15*	0.02	*0.02*
Italy, Reggio Emilia	14	**0.6**	*0.18*	0.06	*0.02*	13	**0.5**	*0.20*	0.05	*0.02*
Italy, Romagna	40	**0.7**	*0.12*	0.08	*0.02*	36	**0.6**	*0.14*	0.07	*0.01*
Italy, Salerno	34	**0.8**	*0.15*	0.09	*0.02*	30	**0.7**	*0.14*	0.07	*0.01*
Italy, Sassari	21	**1.0**	*0.23*	0.13	*0.03*	15	**0.8**	*0.24*	0.07	*0.02*
Italy, Sondrio	2	**0.3**	*0.20*	0.04	*0.03*	3	**0.3**	*0.21*	0.04	*0.03*
Italy, South Tyrol	8	**0.4**	*0.16*	0.03	*0.02*	9	**0.5**	*0.18*	0.05	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Salivary glands (C07-08) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	7	**0.5**	*0.19*	0.05	*0.02*	12	**0.7**	*0.21*	0.06	*0.02*
Italy, Trapani	16	**1.0**	*0.26*	0.13	*0.04*	6	**0.4**	*0.21*	0.04	*0.02*
Italy, Trento	11	**0.6**	*0.20*	0.06	*0.02*	6	**0.3**	*0.18*	0.03	*0.02*
Italy, Turin	42	**1.1**	*0.18*	0.11	*0.02*	29	**0.7**	*0.19*	0.07	*0.02*
Italy, Umbria	42	**0.8**	*0.14*	0.08	*0.02*	32	**0.5**	*0.12*	0.06	*0.01*
Italy, Varese	24	**0.6**	*0.14*	0.08	*0.02*	23	**0.4**	*0.10*	0.04	*0.01*
Italy, Veneto	67	**0.8**	*0.10*	0.08	*0.01*	40	**0.5**	*0.09*	0.04	*0.01*
Latvia	56	**0.9**	*0.12*	0.11	*0.02*	49	**0.5**	*0.08*	0.05	*0.01*
Lithuania	121	**1.1**	*0.10*	0.13	*0.01*	81	**0.5**	*0.06*	0.06	*0.01*
Malta	15	**1.0**	*0.27*	0.12	*0.04*	6	**0.3**	*0.14*	0.04	*0.02*
*The Netherlands	330	**0.5**	*0.03*	0.06	*0.00*	325	**0.5**	*0.03*	0.05	*0.00*
*The Netherlands, Eindhoven	13	**0.3**	*0.10*	0.03	*0.01*	19	**0.5**	*0.12*	0.05	*0.01*
Norway	91	**0.5**	*0.06*	0.06	*0.01*	102	**0.6**	*0.06*	0.06	*0.01*
Poland, Cracow	17	**0.8**	*0.20*	0.09	*0.03*	25	**0.9**	*0.20*	0.10	*0.02*
Poland, Kielce	36	**0.8**	*0.15*	0.10	*0.02*	30	**0.6**	*0.12*	0.06	*0.01*
Poland, Lower Silesia	75	**0.8**	*0.09*	0.09	*0.01*	58	**0.5**	*0.06*	0.05	*0.01*
Poland, Podkarpackie	59	**0.9**	*0.12*	0.11	*0.02*	44	**0.6**	*0.10*	0.05	*0.01*
Portugal, Azores	1	**0.1**	*0.14*	0.01	*0.01*	4	**0.4**	*0.21*	0.03	*0.02*
Russian Federation, Saint Petersburg	94	**0.6**	*0.07*	0.08	*0.01*	122	**0.5**	*0.05*	0.06	*0.01*
*Serbia, Central	185	**0.8**	*0.06*	0.10	*0.01*	116	**0.5**	*0.05*	0.05	*0.01*
Slovakia	156	**0.9**	*0.08*	0.11	*0.01*	115	**0.5**	*0.05*	0.05	*0.01*
Slovenia	37	**0.5**	*0.08*	0.05	*0.01*	34	**0.4**	*0.08*	0.04	*0.01*
Spain, Albacete	18	**1.1**	*0.30*	0.11	*0.04*	10	**0.6**	*0.25*	0.06	*0.03*
Spain, Asturias	46	**0.8**	*0.13*	0.10	*0.02*	24	**0.4**	*0.10*	0.03	*0.01*
Spain, Basque Country	75	**0.7**	*0.09*	0.08	*0.01*	39	**0.4**	*0.08*	0.05	*0.01*
Spain, Canary Islands	30	**0.7**	*0.13*	0.07	*0.02*	16	**0.3**	*0.08*	0.03	*0.01*
Spain, Ciudad Real	15	**0.8**	*0.25*	0.08	*0.03*	15	**0.7**	*0.22*	0.09	*0.03*
Spain, Cuenca	6	**0.4**	*0.20*	0.04	*0.03*	4	**0.4**	*0.25*	0.04	*0.03*
Spain, Girona	10	**0.4**	*0.15*	0.03	*0.01*	19	**0.7**	*0.18*	0.07	*0.02*
*Spain, Granada	31	**0.8**	*0.16*	0.08	*0.02*	17	**0.4**	*0.13*	0.04	*0.01*
Spain, La Rioja	7	**0.5**	*0.19*	0.07	*0.03*	2	**0.1**	*0.11*	0.01	*0.01*
Spain, Mallorca	18	**0.6**	*0.16*	0.05	*0.01*	9	**0.3**	*0.10*	0.02	*0.01*
Spain, Murcia	48	**0.9**	*0.15*	0.09	*0.02*	33	**0.7**	*0.14*	0.06	*0.01*
Spain, Navarra	13	**0.6**	*0.21*	0.07	*0.02*	7	**0.2**	*0.10*	0.02	*0.01*
Spain, Tarragona	28	**0.9**	*0.19*	0.08	*0.02*	20	**0.5**	*0.13*	0.07	*0.02*
*Sweden	258	**0.6**	*0.04*	0.07	*0.01*	229	**0.6**	*0.04*	0.06	*0.00*
Switzerland, Basel	11	**0.7**	*0.25*	0.06	*0.02*	11	**0.6**	*0.23*	0.06	*0.02*
Switzerland, Geneva	9	**0.4**	*0.15*	0.03	*0.02*	8	**0.5**	*0.19*	0.05	*0.02*
Switzerland, Graubünden and Glarus	6	**0.8**	*0.36*	0.07	*0.03*	5	**0.6**	*0.32*	0.05	*0.03*
Switzerland, Neuchâtel	7	**1.1**	*0.44*	0.15	*0.06*	2	**0.5**	*0.38*	0.05	*0.03*
Switzerland, St Gall–Appenzell	17	**0.8**	*0.20*	0.06	*0.02*	15	**0.6**	*0.17*	0.06	*0.02*
Switzerland, Ticino	9	**0.5**	*0.19*	0.04	*0.02*	8	**0.3**	*0.14*	0.03	*0.02*
Switzerland, Valais	13	**1.1**	*0.33*	0.13	*0.04*	3	**0.2**	*0.11*	0.03	*0.02*
Switzerland, Vaud	17	**0.8**	*0.20*	0.08	*0.02*	9	**0.3**	*0.12*	0.04	*0.01*
Switzerland, Zurich	33	**0.6**	*0.12*	0.07	*0.02*	23	**0.5**	*0.12*	0.05	*0.01*
Ukraine	1518	**1.0**	*0.03*	0.12	*0.00*	1010	**0.5**	*0.02*	0.05	*0.00*
UK, England	1365	**0.7**	*0.02*	0.07	*0.00*	1040	**0.5**	*0.02*	0.05	*0.00*
UK, England, East of England Region	172	**0.8**	*0.06*	0.08	*0.01*	108	**0.5**	*0.05*	0.05	*0.01*
UK, England, North Western	188	**0.7**	*0.05*	0.07	*0.01*	139	**0.5**	*0.05*	0.05	*0.01*
UK, England, Northern and Yorkshire	161	**0.6**	*0.05*	0.07	*0.01*	142	**0.5**	*0.05*	0.05	*0.01*
UK, England, Oxford Region	75	**0.7**	*0.09*	0.08	*0.01*	42	**0.4**	*0.07*	0.04	*0.01*
UK, England, South and Western Regions	241	**0.8**	*0.05*	0.07	*0.01*	183	**0.6**	*0.05*	0.06	*0.01*
UK, England, Thames	284	**0.7**	*0.04*	0.06	*0.00*	210	**0.5**	*0.04*	0.05	*0.00*
UK, England, Trent	75	**0.6**	*0.07*	0.07	*0.01*	66	**0.5**	*0.07*	0.06	*0.01*
UK, England, West Midlands	124	**0.6**	*0.06*	0.06	*0.01*	116	**0.5**	*0.06*	0.06	*0.01*
UK, Northern Ireland	43	**0.6**	*0.10*	0.06	*0.01*	38	**0.6**	*0.10*	0.06	*0.01*
UK, Scotland	118	**0.6**	*0.06*	0.06	*0.01*	80	**0.4**	*0.05*	0.04	*0.00*
UK, Wales	104	**0.8**	*0.08*	0.08	*0.01*	65	**0.5**	*0.07*	0.05	*0.01*
Oceania										
Australian Capital Territory	11	**1.1**	*0.34*	0.12	*0.05*	7	**0.7**	*0.26*	0.08	*0.03*
Australia, New South Wales	264	**1.0**	*0.07*	0.11	*0.01*	178	**0.7**	*0.05*	0.07	*0.01*
Australia, Northern Territory	2	**0.5**	*0.37*	0.10	*0.08*	5	**0.9**	*0.42*	0.06	*0.03*
Australia, Northern Territory: Indigenous	2	**3.2**	*2.48*	0.65	*0.58*	1	**0.6**	*0.64*	0.03	*0.03*
Australia, Northern Territory: Non–Indigenous	0	**-**	-	–	-	4	**0.8**	*0.41*	0.07	*0.03*
Australia, Queensland	199	**1.3**	*0.10*	0.13	*0.01*	116	**0.8**	*0.08*	0.08	*0.01*
South Australia	80	**1.1**	*0.14*	0.11	*0.02*	38	**0.6**	*0.10*	0.05	*0.01*
Australia, Tasmania	15	**0.8**	*0.22*	0.08	*0.03*	13	**0.8**	*0.25*	0.07	*0.02*
Australia, Victoria	133	**0.7**	*0.06*	0.07	*0.01*	117	**0.6**	*0.06*	0.06	*0.01*
Western Australia	62	**0.8**	*0.11*	0.09	*0.01*	55	**0.8**	*0.12*	0.08	*0.01*
New Zealand	78	**0.6**	*0.07*	0.06	*0.01*	89	**0.6**	*0.07*	0.06	*0.01*
New Zealand: Maori	14	**1.4**	*0.38*	0.18	*0.06*	8	**0.6**	*0.20*	0.06	*0.02*
New Zealand: Pacific Islander	5	**1.0**	*0.47*	0.07	*0.04*	5	**0.7**	*0.32*	0.05	*0.02*
New Zealand: Other	59	**0.5**	*0.07*	0.05	*0.01*	76	**0.6**	*0.08*	0.06	*0.01*
USA, Hawaii	53	**1.3**	*0.18*	0.15	*0.02*	37	**0.9**	*0.15*	0.09	*0.02*
*USA, Hawaii: Chinese	0	**-**	-	–	-	2	**0.5**	*0.40*	0.04	*0.04*
*USA, Hawaii: Filipino	10	**2.2**	*0.69*	0.28	*0.10*	11	**1.8**	*0.56*	0.16	*0.05*
*USA, Hawaii: Hawaiian	6	**1.0**	*0.41*	0.12	*0.05*	6	**0.8**	*0.35*	0.09	*0.04*
*USA, Hawaii: Japanese	12	**1.1**	*0.37*	0.12	*0.04*	9	**0.9**	*0.37*	0.10	*0.04*
*USA, Hawaii: White	20	**1.7**	*0.42*	0.22	*0.06*	8	**0.7**	*0.28*	0.06	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tonsil (C09)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	5	**0.2**	*0.09*	–	-	2	**0.1**	*0.04*	–	-
Egypt, Gharbiah	7	**0.1**	*0.03*	0.01	*0.00*	0	**-**	-	–	-
*Libya, Benghazi	2	**0.2**	*0.12*	0.02	*0.02*	0	**-**	-	–	-
*Malawi, Blantyre	1	**0.1**	*0.11*	–	-	0	**-**	-	–	-
*South Africa, PROMEC	9	**0.6**	*0.19*	0.06	*0.02*	3	**0.2**	*0.10*	0.02	*0.01*
*Tunisia, North	8	**0.1**	*0.04*	0.01	*0.01*	4	**0.1**	*0.03*	0.01	*0.01*
*Uganda, Kyadondo County	6	**0.5**	*0.24*	0.08	*0.04*	2	**0.1**	*0.05*	0.00	*0.00*
*Zimbabwe, Harare: African	3	**0.2**	*0.12*	0.02	*0.01*	0	**-**	-	–	-
America, Central and South										
Argentina, Bahía Blanca	2	**0.3**	*0.20*	0.03	*0.02*	2	**0.1**	*0.12*	0.01	*0.01*
Argentina, Córdoba	11	**0.5**	*0.14*	0.07	*0.02*	1	**0.0**	*0.01*	–	-
Argentina, Mendoza	25	**0.6**	*0.13*	0.07	*0.02*	4	**0.1**	*0.05*	0.01	*0.01*
*Argentina, Tierra del Fuego	1	**0.3**	*0.34*	0.03	*0.03*	0	**-**	-	–	-
Brazil, Aracaju	4	**0.7**	*0.33*	0.07	*0.04*	0	**-**	-	–	-
Brazil, Belo Horizonte	32	**1.1**	*0.20*	0.13	*0.03*	6	**0.1**	*0.06*	0.02	*0.01*
Brazil, Cuiabá	11	**0.9**	*0.30*	0.12	*0.05*	2	**0.2**	*0.13*	0.02	*0.02*
Brazil, Fortaleza	25	**0.9**	*0.18*	0.11	*0.03*	7	**0.2**	*0.07*	0.03	*0.01*
Brazil, Goiânia	31	**1.5**	*0.28*	0.22	*0.05*	7	**0.3**	*0.10*	0.04	*0.02*
*Brazil, São Paulo	353	**1.6**	*0.09*	0.16	*0.01*	110	**0.4**	*0.04*	0.04	*0.00*
Chile, Region of Antofagasta	4	**0.3**	*0.16*	0.04	*0.02*	8	**0.6**	*0.22*	0.07	*0.03*
Chile, Bío Bío Province	0	**-**	-	–	-	1	**0.1**	*0.06*	–	-
Chile, Valdivia	3	**0.3**	*0.18*	0.03	*0.02*	0	**-**	-	–	-
Colombia, Bucaramanga	12	**0.6**	*0.18*	0.08	*0.03*	7	**0.2**	*0.09*	0.02	*0.01*
Colombia, Cali	20	**0.5**	*0.11*	0.06	*0.02*	18	**0.3**	*0.08*	0.04	*0.01*
Colombia, Manizales	6	**0.7**	*0.29*	0.07	*0.03*	1	**0.1**	*0.06*	–	-
Colombia, Pasto	0	**-**	-	–	-	0	**-**	-	–	-
Costa Rica	46	**0.5**	*0.08*	0.06	*0.01*	13	**0.1**	*0.04*	0.02	*0.01*
Cuba, Villa Clara	20	**0.9**	*0.21*	0.11	*0.03*	11	**0.4**	*0.14*	0.05	*0.02*
Ecuador, Cuenca	2	**0.2**	*0.16*	0.02	*0.02*	1	**0.1**	*0.11*	0.01	*0.01*
Ecuador, Quito	6	**0.2**	*0.10*	0.04	*0.02*	3	**0.1**	*0.04*	0.01	*0.00*
*France, Martinique	18	**1.4**	*0.34*	0.16	*0.04*	2	**0.1**	*0.08*	0.01	*0.01*
*Jamaica, Kingston and St Andrew	6	**0.5**	*0.20*	0.07	*0.03*	2	**0.1**	*0.09*	0.01	*0.01*
USA, Puerto Rico	157	**1.3**	*0.10*	0.15	*0.01*	29	**0.2**	*0.04*	0.03	*0.01*
Uruguay	77	**1.4**	*0.16*	0.17	*0.02*	20	**0.3**	*0.06*	0.03	*0.01*
America, North										
Canada	1765	**1.6**	*0.04*	0.19	*0.00*	562	**0.4**	*0.02*	0.05	*0.00*
Canada, Alberta	160	**1.5**	*0.12*	0.18	*0.02*	39	**0.4**	*0.06*	0.05	*0.01*
Canada, British Columbia	244	**1.6**	*0.10*	0.19	*0.01*	91	**0.5**	*0.06*	0.06	*0.01*
Canada, Manitoba	64	**1.5**	*0.19*	0.18	*0.03*	18	**0.3**	*0.09*	0.04	*0.01*
Canada, New Brunswick	58	**2.0**	*0.27*	0.24	*0.03*	18	**0.6**	*0.15*	0.07	*0.02*
Canada, Newfoundland and Labrador	33	**1.7**	*0.29*	0.19	*0.04*	6	**0.3**	*0.12*	0.03	*0.01*
*Canada, Northwest Territories	3	**2.5**	*1.52*	0.26	*0.17*	1	**1.8**	*1.79*	0.30	*0.30*
Canada, Nova Scotia	73	**2.1**	*0.25*	0.25	*0.03*	18	**0.5**	*0.12*	0.06	*0.02*
Canada, Ontario	614	**1.4**	*0.06*	0.18	*0.01*	186	**0.4**	*0.03*	0.05	*0.00*
Canada, Prince Edward Island	8	**1.6**	*0.58*	0.20	*0.07*	2	**0.4**	*0.26*	0.04	*0.03*
*Canada, Quebec	458	**1.6**	*0.08*	0.20	*0.01*	168	**0.5**	*0.04*	0.07	*0.01*
Canada, Saskatchewan	48	**1.4**	*0.21*	0.17	*0.03*	15	**0.4**	*0.11*	0.05	*0.01*
*Canada, Yukon	2	**1.4**	*0.99*	0.16	*0.11*	0	**-**	-	–	-
USA, NPCR (42 states)	18424	**2.2**	*0.02*	0.26	*0.00*	4642	**0.5**	*0.01*	0.06	*0.00*
USA, NPCR (42 states): American Indian	81	**1.2**	*0.13*	0.14	*0.02*	29	**0.4**	*0.07*	0.05	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	163	**0.5**	*0.04*	0.06	*0.01*	64	**0.2**	*0.02*	0.02	*0.00*
USA, NPCR (42 states): Black	1784	**2.1**	*0.05*	0.26	*0.01*	505	**0.5**	*0.02*	0.06	*0.00*
USA, NPCR (42 states): White	16238	**2.3**	*0.02*	0.26	*0.00*	4000	**0.5**	*0.01*	0.06	*0.00*
USA, SEER (9 registries)	1770	**2.0**	*0.05*	0.24	*0.01*	436	**0.4**	*0.02*	0.05	*0.00*
*USA, SEER (9 registries): Black	166	**2.1**	*0.17*	0.27	*0.02*	53	**0.5**	*0.07*	0.05	*0.01*
*USA, SEER (9 registries): White	1531	**2.2**	*0.06*	0.25	*0.01*	360	**0.5**	*0.02*	0.06	*0.00*
USA, SEER (18 registries)	5303	**2.1**	*0.03*	0.25	*0.00*	1301	**0.5**	*0.01*	0.05	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	133	**0.6**	*0.05*	0.07	*0.01*	42	**0.2**	*0.03*	0.02	*0.00*
*USA, SEER (18 registries): Black	541	**2.3**	*0.10*	0.30	*0.01*	148	**0.5**	*0.04*	0.05	*0.01*
*USA, SEER (18 registries): Hispanic White	310	**1.1**	*0.06*	0.13	*0.01*	82	**0.3**	*0.03*	0.03	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	4249	**2.4**	*0.04*	0.28	*0.00*	1010	**0.5**	*0.02*	0.06	*0.00*
*USA, SEER (18 registries): White	4559	**2.2**	*0.03*	0.26	*0.00*	1092	**0.5**	*0.01*	0.06	*0.00*
USA, Alabama	307	**2.1**	*0.12*	0.24	*0.01*	87	**0.5**	*0.06*	0.06	*0.01*
USA, Alabama: Black	55	**1.9**	*0.25*	0.23	*0.03*	15	**0.4**	*0.10*	0.05	*0.01*
USA, Alabama: White	247	**2.1**	*0.14*	0.24	*0.02*	72	**0.6**	*0.07*	0.07	*0.01*
USA, Alaska	48	**2.3**	*0.34*	0.28	*0.05*	5	**0.3**	*0.12*	0.03	*0.01*
*USA, Alaska: American Indian	6	**2.7**	*1.10*	0.34	*0.15*	1	**0.5**	*0.49*	0.06	*0.06*
USA, Arizona	311	**1.7**	*0.10*	0.20	*0.01*	82	**0.4**	*0.05*	0.05	*0.01*
USA, Arizona: American Indian	2	**0.4**	*0.25*	0.05	*0.04*	1	**0.1**	*0.13*	0.02	*0.02*
USA, Arizona: Asian and Pacific Islander	2	**0.3**	*0.24*	0.03	*0.02*	1	**0.2**	*0.18*	0.01	*0.01*
USA, Arizona: Black	5	**0.9**	*0.40*	0.10	*0.05*	0	**-**	-	–	-
USA, Arizona: White	297	**1.8**	*0.11*	0.21	*0.01*	80	**0.4**	*0.05*	0.05	*0.01*
USA, Arkansas	256	**2.8**	*0.18*	0.32	*0.02*	75	**0.7**	*0.08*	0.08	*0.01*
USA, Arkansas: Black	18	**1.8**	*0.43*	0.20	*0.05*	6	**0.5**	*0.22*	0.07	*0.03*
USA, Arkansas: White	238	**3.0**	*0.20*	0.35	*0.02*	68	**0.7**	*0.09*	0.08	*0.01*
USA, California	2147	**2.0**	*0.04*	0.24	*0.01*	519	**0.4**	*0.02*	0.05	*0.00*
USA, California: American Indian	13	**1.1**	*0.31*	0.14	*0.05*	5	**0.4**	*0.19*	0.06	*0.03*
USA, California: Asian and Pacific Islander	86	**0.6**	*0.07*	0.08	*0.01*	28	**0.2**	*0.03*	0.02	*0.00*
USA, California: Black	150	**2.3**	*0.19*	0.28	*0.03*	37	**0.5**	*0.08*	0.05	*0.01*
USA, California: White	1865	**2.2**	*0.05*	0.26	*0.01*	442	**0.5**	*0.02*	0.06	*0.00*
USA, California, Los Angeles County	443	**1.6**	*0.08*	0.20	*0.01*	118	**0.4**	*0.04*	0.05	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	29	**0.7**	*0.13*	0.08	*0.02*	3	**0.1**	*0.04*	0.01	*0.00*
*USA, California, Los Angeles County: Black	59	**2.2**	*0.30*	0.27	*0.04*	17	**0.5**	*0.13*	0.06	*0.02*
*USA, California, Los Angeles County: Chinese	6	**0.5**	*0.20*	0.05	*0.03*	2	**0.1**	*0.09*	0.01	*0.01*
*USA, California, Los Angeles County: Filipino	9	**1.1**	*0.36*	0.14	*0.05*	1	**0.1**	*0.11*	0.01	*0.01*
*USA, California, Los Angeles County: Hispanic White	67	**0.9**	*0.11*	0.10	*0.01*	25	**0.3**	*0.05*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tonsil (C09) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	3	**0.6**	*0.37*	0.08	*0.05*	0	**-**	-	–	-
*USA, California, Los Angeles County: Korean	8	**1.3**	*0.47*	0.15	*0.06*	0	**-**	-	–	-
*USA, California, Los Angeles County: Non−Hispanic White	280	**2.4**	*0.14*	0.28	*0.02*	70	**0.6**	*0.07*	0.07	*0.01*
*USA, California, Los Angeles County: White	347	**1.7**	*0.10*	0.21	*0.01*	95	**0.4**	*0.05*	0.05	*0.01*
USA, California, San Francisco Bay Area	253	**1.8**	*0.12*	0.22	*0.02*	76	**0.5**	*0.06*	0.06	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	17	**0.6**	*0.14*	0.08	*0.02*	8	**0.3**	*0.09*	0.03	*0.01*
*USA, California, San Francisco Bay Area: Black	26	**2.2**	*0.43*	0.27	*0.06*	8	**0.5**	*0.19*	0.04	*0.02*
*USA, California, San Francisco Bay Area: Hispanic White	14	**1.0**	*0.28*	0.11	*0.03*	2	**0.1**	*0.08*	0.02	*0.02*
*USA, California, San Francisco Bay Area: Non−Hispanic White	193	**2.4**	*0.17*	0.29	*0.02*	57	**0.7**	*0.09*	0.08	*0.01*
*USA, California, San Francisco Bay Area: White	207	**2.1**	*0.15*	0.26	*0.02*	59	**0.6**	*0.08*	0.07	*0.01*
USA, Colorado	253	**1.7**	*0.11*	0.19	*0.01*	61	**0.4**	*0.05*	0.05	*0.01*
USA, Colorado: Asian and Pacific Islander	2	**0.4**	*0.30*	0.02	*0.02*	2	**0.6**	*0.45*	0.11	*0.08*
USA, Colorado: Black	9	**1.8**	*0.61*	0.25	*0.10*	1	**0.2**	*0.20*	0.02	*0.02*
USA, Colorado: White	242	**1.7**	*0.11*	0.19	*0.01*	57	**0.4**	*0.05*	0.05	*0.01*
USA, Connecticut	271	**2.3**	*0.14*	0.28	*0.02*	55	**0.4**	*0.06*	0.05	*0.01*
*USA, Connecticut: Black	28	**3.5**	*0.68*	0.46	*0.10*	6	**0.6**	*0.24*	0.06	*0.03*
*USA, Connecticut: White	240	**2.3**	*0.15*	0.27	*0.02*	48	**0.4**	*0.06*	0.04	*0.01*
USA, Delaware	65	**2.4**	*0.30*	0.30	*0.04*	20	**0.6**	*0.14*	0.06	*0.02*
USA, Delaware: Black	17	**4.2**	*1.04*	0.56	*0.14*	0	**-**	-	–	-
USA, Delaware: White	48	**2.2**	*0.32*	0.27	*0.04*	20	**0.8**	*0.18*	0.08	*0.02*
USA, Florida	1679	**2.8**	*0.07*	0.32	*0.01*	428	**0.6**	*0.03*	0.07	*0.00*
USA, Florida: Asian and Pacific Islander	1	**0.1**	*0.07*	0.01	*0.01*	4	**0.3**	*0.17*	0.04	*0.02*
USA, Florida: Black	119	**1.8**	*0.17*	0.21	*0.02*	36	**0.4**	*0.07*	0.05	*0.01*
USA, Florida: White	1542	**2.9**	*0.08*	0.34	*0.01*	383	**0.6**	*0.03*	0.07	*0.00*
USA, Georgia	626	**2.4**	*0.10*	0.29	*0.01*	168	**0.5**	*0.04*	0.06	*0.01*
USA, Georgia: Asian and Pacific Islander	1	**0.2**	*0.22*	–	-	1	**0.1**	*0.12*	0.01	*0.01*
USA, Georgia: Black	121	**2.1**	*0.20*	0.28	*0.03*	39	**0.5**	*0.08*	0.05	*0.01*
USA, Georgia: White	503	**2.6**	*0.11*	0.30	*0.01*	126	**0.6**	*0.05*	0.07	*0.01*
USA, Georgia, Atlanta	172	**2.0**	*0.16*	0.25	*0.02*	47	**0.5**	*0.07*	0.06	*0.01*
*USA, Georgia, Atlanta: Black	44	**1.8**	*0.29*	0.24	*0.05*	13	**0.4**	*0.12*	0.05	*0.02*
*USA, Georgia, Atlanta: White	126	**2.2**	*0.20*	0.28	*0.03*	32	**0.5**	*0.10*	0.06	*0.01*
USA, Idaho	101	**2.2**	*0.22*	0.26	*0.03*	21	**0.4**	*0.10*	0.05	*0.01*
USA, Illinois	807	**2.0**	*0.07*	0.23	*0.01*	209	**0.5**	*0.03*	0.06	*0.00*
USA, Illinois: Asian and Pacific Islander	5	**0.4**	*0.17*	0.05	*0.03*	1	**0.1**	*0.07*	0.01	*0.01*
USA, Illinois: Black	106	**2.2**	*0.21*	0.24	*0.03*	33	**0.6**	*0.10*	0.07	*0.01*
USA, Illinois: White	689	**2.1**	*0.08*	0.24	*0.01*	173	**0.5**	*0.04*	0.06	*0.01*
USA, Indiana	488	**2.4**	*0.11*	0.28	*0.01*	107	**0.5**	*0.05*	0.05	*0.01*
USA, Indiana: Black	26	**2.0**	*0.40*	0.25	*0.06*	5	**0.3**	*0.12*	0.03	*0.02*
USA, Indiana: White	460	**2.5**	*0.12*	0.29	*0.01*	101	**0.5**	*0.05*	0.06	*0.01*
USA, Iowa	236	**2.4**	*0.16*	0.28	*0.02*	47	**0.4**	*0.06*	0.04	*0.01*
USA, Kentucky	384	**2.8**	*0.14*	0.33	*0.02*	108	**0.7**	*0.07*	0.07	*0.01*
USA, Louisiana	313	**2.8**	*0.16*	0.34	*0.02*	65	**0.5**	*0.07*	0.06	*0.01*
*USA, Louisiana: Black	83	**3.0**	*0.33*	0.38	*0.05*	18	**0.5**	*0.12*	0.05	*0.01*
*USA, Louisiana: White	229	**2.9**	*0.19*	0.34	*0.02*	47	**0.5**	*0.08*	0.06	*0.01*
*USA, Louisiana, New Orleans	52	**2.4**	*0.34*	0.32	*0.05*	6	**0.2**	*0.10*	0.02	*0.01*
*USA, Louisiana, New Orleans: Black	19	**2.5**	*0.59*	0.29	*0.08*	1	**0.1**	*0.10*	0.01	*0.01*
*USA, Louisiana, New Orleans: White	32	**2.4**	*0.43*	0.33	*0.07*	5	**0.3**	*0.15*	0.03	*0.02*
USA, Maine	141	**2.9**	*0.25*	0.32	*0.03*	29	**0.5**	*0.10*	0.07	*0.01*
USA, Massachusetts	484	**2.3**	*0.11*	0.28	*0.01*	124	**0.5**	*0.05*	0.07	*0.01*
USA, Massachusetts: Asian and Pacific Islander	5	**0.5**	*0.25*	0.06	*0.03*	2	**0.2**	*0.17*	0.03	*0.02*
USA, Massachusetts: Black	20	**2.0**	*0.45*	0.25	*0.07*	3	**0.2**	*0.13*	0.03	*0.02*
USA, Massachusetts: White	456	**2.4**	*0.11*	0.28	*0.01*	118	**0.5**	*0.05*	0.07	*0.01*
USA, Michigan	665	**2.0**	*0.08*	0.23	*0.01*	178	**0.5**	*0.04*	0.05	*0.00*
USA, Michigan: Asian and Pacific Islander	4	**0.6**	*0.31*	0.06	*0.03*	1	**0.1**	*0.13*	0.01	*0.01*
USA, Michigan: Black	73	**2.1**	*0.25*	0.25	*0.03*	30	**0.6**	*0.11*	0.06	*0.01*
USA, Michigan: White	582	**2.0**	*0.08*	0.23	*0.01*	144	**0.4**	*0.04*	0.05	*0.01*
USA, Michigan, Detroit	275	**2.1**	*0.13*	0.24	*0.02*	87	**0.5**	*0.06*	0.07	*0.01*
*USA, Michigan, Detroit: Black	58	**2.3**	*0.30*	0.27	*0.04*	23	**0.6**	*0.14*	0.07	*0.02*
*USA, Michigan, Detroit: White	216	**2.1**	*0.15*	0.24	*0.02*	64	**0.5**	*0.07*	0.07	*0.01*
USA, Mississippi	230	**2.6**	*0.17*	0.30	*0.02*	58	**0.5**	*0.07*	0.06	*0.01*
USA, Missouri	514	**2.7**	*0.12*	0.31	*0.01*	107	**0.5**	*0.05*	0.06	*0.01*
USA, Missouri: Black	38	**2.4**	*0.39*	0.29	*0.05*	13	**0.7**	*0.19*	0.09	*0.03*
USA, Missouri: White	474	**2.8**	*0.13*	0.32	*0.02*	91	**0.4**	*0.05*	0.05	*0.01*
USA, Montana	69	**2.0**	*0.25*	0.22	*0.03*	15	**0.5**	*0.12*	0.06	*0.02*
USA, Montana: American Indian	2	**1.6**	*1.13*	0.17	*0.13*	1	**0.9**	*0.86*	0.11	*0.11*
USA, Nebraska	107	**1.9**	*0.19*	0.23	*0.02*	17	**0.3**	*0.07*	0.04	*0.01*
USA, Nebraska: Black	4	**2.7**	*1.39*	0.32	*0.20*	2	**1.4**	*1.01*	0.21	*0.15*
USA, Nebraska: White	102	**1.9**	*0.19*	0.23	*0.03*	14	**0.2**	*0.07*	0.03	*0.01*
USA, New Hampshire	121	**2.6**	*0.24*	0.31	*0.03*	27	**0.6**	*0.11*	0.06	*0.01*
USA, New Jersey	483	**1.7**	*0.08*	0.21	*0.01*	126	**0.4**	*0.04*	0.05	*0.00*
*USA, New Jersey: Black	61	**2.0**	*0.26*	0.27	*0.04*	16	**0.4**	*0.11*	0.05	*0.01*
*USA, New Jersey: White	417	**1.8**	*0.09*	0.22	*0.01*	106	**0.4**	*0.04*	0.05	*0.01*
USA, New Mexico	91	**1.5**	*0.16*	0.16	*0.02*	20	**0.3**	*0.06*	0.03	*0.01*
*USA, New Mexico: Hispanic White	21	**1.0**	*0.22*	0.11	*0.03*	8	**0.3**	*0.12*	0.04	*0.02*
*USA, New Mexico: Non−Hispanic White	65	**1.9**	*0.25*	0.21	*0.03*	12	**0.3**	*0.09*	0.03	*0.01*
*USA, New Mexico: White	86	**1.5**	*0.17*	0.17	*0.02*	20	**0.3**	*0.07*	0.03	*0.01*
USA, New York State	1180	**1.9**	*0.06*	0.23	*0.01*	306	**0.4**	*0.02*	0.05	*0.00*
USA, New York State: Asian and Pacific Islander	16	**0.4**	*0.11*	0.05	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
USA, New York State: Black	169	**2.0**	*0.16*	0.24	*0.02*	51	**0.4**	*0.06*	0.05	*0.01*
USA, New York State: White	979	**2.0**	*0.06*	0.24	*0.01*	250	**0.4**	*0.03*	0.05	*0.00*
USA, North Carolina	733	**2.6**	*0.10*	0.30	*0.01*	170	**0.6**	*0.04*	0.06	*0.01*
USA, North Carolina: American Indian	5	**1.5**	*0.66*	0.14	*0.06*	1	**0.3**	*0.28*	0.02	*0.02*
USA, North Carolina: Asian and Pacific Islander	1	**0.2**	*0.25*	0.02	*0.02*	1	**0.2**	*0.21*	0.03	*0.03*
USA, North Carolina: Black	140	**2.8**	*0.24*	0.33	*0.03*	22	**0.4**	*0.08*	0.05	*0.01*
USA, North Carolina: White	580	**2.6**	*0.11*	0.30	*0.01*	144	**0.6**	*0.05*	0.07	*0.01*
USA, North Dakota	32	**1.6**	*0.28*	0.18	*0.04*	9	**0.5**	*0.17*	0.05	*0.02*
USA, Ohio	783	**2.0**	*0.07*	0.24	*0.01*	200	**0.5**	*0.03*	0.06	*0.00*
USA, Ohio: Asian and Pacific Islander	3	**0.7**	*0.38*	0.05	*0.04*	0	**-**	-	–	-
USA, Ohio: Black	80	**2.3**	*0.26*	0.26	*0.03*	21	**0.5**	*0.11*	0.06	*0.01*
USA, Ohio: White	695	**2.0**	*0.08*	0.24	*0.01*	179	**0.5**	*0.04*	0.06	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tonsil (C09) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	250	**2.2**	*0.14*	0.25	*0.02*	65	**0.5**	*0.07*	0.06	*0.01*
USA, Oklahoma: American Indian	18	**2.3**	*0.54*	0.21	*0.05*	4	**0.5**	*0.23*	0.06	*0.03*
USA, Oklahoma: Black	9	**1.4**	*0.48*	0.17	*0.06*	4	**0.4**	*0.22*	0.06	*0.04*
USA, Oklahoma: White	220	**2.2**	*0.15*	0.25	*0.02*	55	**0.5**	*0.07*	0.06	*0.01*
USA, Oregon	327	**2.6**	*0.14*	0.30	*0.02*	66	**0.5**	*0.06*	0.06	*0.01*
USA, Oregon: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.3**	*0.33*	0.04	*0.04*
USA, Oregon: Black	3	**1.6**	*0.97*	0.18	*0.11*	0	**-**	-	–	-
USA, Oregon: White	313	**2.6**	*0.15*	0.31	*0.02*	63	**0.5**	*0.07*	0.06	*0.01*
USA, Pennsylvania	893	**2.0**	*0.07*	0.24	*0.01*	212	**0.4**	*0.03*	0.05	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	2	**0.3**	*0.18*	0.03	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
USA, Pennsylvania: Black	75	**2.3**	*0.28*	0.29	*0.04*	31	**0.7**	*0.13*	0.10	*0.02*
USA, Pennsylvania: White	811	**2.0**	*0.07*	0.24	*0.01*	178	**0.4**	*0.03*	0.05	*0.00*
USA, Rhode Island	71	**2.0**	*0.25*	0.24	*0.03*	19	**0.5**	*0.11*	0.05	*0.01*
USA, Rhode Island: Black	6	**4.0**	*1.73*	0.54	*0.29*	0	**-**	-	–	-
USA, Rhode Island: White	62	**1.9**	*0.25*	0.22	*0.03*	19	**0.5**	*0.12*	0.06	*0.02*
USA, South Carolina	358	**2.6**	*0.14*	0.30	*0.02*	109	**0.7**	*0.07*	0.07	*0.01*
USA, South Carolina: Black	89	**2.9**	*0.31*	0.35	*0.04*	21	**0.5**	*0.11*	0.05	*0.01*
USA, South Carolina: White	268	**2.5**	*0.16*	0.29	*0.02*	86	**0.7**	*0.08*	0.08	*0.01*
USA, South Dakota	42	**1.6**	*0.25*	0.20	*0.03*	6	**0.2**	*0.10*	0.03	*0.01*
USA, Tennessee	497	**2.5**	*0.11*	0.29	*0.01*	126	**0.6**	*0.05*	0.06	*0.01*
USA, Tennessee: Black	68	**2.9**	*0.36*	0.34	*0.05*	16	**0.5**	*0.13*	0.06	*0.02*
USA, Tennessee: White	428	**2.5**	*0.12*	0.29	*0.02*	110	**0.6**	*0.06*	0.07	*0.01*
USA, Texas	1423	**2.2**	*0.06*	0.26	*0.01*	352	**0.5**	*0.03*	0.06	*0.00*
USA, Texas: Asian and Pacific Islander	5	**0.2**	*0.11*	0.03	*0.02*	5	**0.2**	*0.10*	0.03	*0.02*
USA, Texas: Black	116	**1.9**	*0.18*	0.24	*0.03*	39	**0.5**	*0.08*	0.06	*0.01*
USA, Texas: White	1288	**2.3**	*0.07*	0.27	*0.01*	302	**0.5**	*0.03*	0.06	*0.00*
USA, Utah	93	**1.5**	*0.16*	0.18	*0.02*	11	**0.2**	*0.05*	0.02	*0.01*
USA, Vermont	62	**2.8**	*0.36*	0.31	*0.04*	14	**0.5**	*0.15*	0.06	*0.02*
USA, Virginia	542	**2.2**	*0.10*	0.26	*0.01*	139	**0.5**	*0.04*	0.06	*0.01*
USA, Virginia: Asian and Pacific Islander	4	**0.5**	*0.23*	0.06	*0.03*	2	**0.2**	*0.14*	0.03	*0.02*
USA, Virginia: Black	75	**1.9**	*0.23*	0.22	*0.03*	20	**0.4**	*0.09*	0.05	*0.01*
USA, Virginia: White	461	**2.4**	*0.11*	0.28	*0.01*	116	**0.5**	*0.05*	0.06	*0.01*
USA, Washington State	441	**2.1**	*0.10*	0.25	*0.01*	95	**0.4**	*0.05*	0.06	*0.01*
USA, Washington, Seattle	295	**2.1**	*0.12*	0.25	*0.02*	76	**0.5**	*0.06*	0.07	*0.01*
USA, West Virginia	156	**2.3**	*0.19*	0.25	*0.02*	48	**0.6**	*0.10*	0.07	*0.01*
USA, Wisconsin	329	**1.8**	*0.10*	0.20	*0.01*	100	**0.5**	*0.05*	0.06	*0.01*
USA, Wisconsin: Black	11	**1.6**	*0.49*	0.18	*0.06*	7	**0.7**	*0.27*	0.05	*0.02*
USA, Wisconsin: White	312	**1.8**	*0.10*	0.20	*0.01*	93	**0.5**	*0.05*	0.06	*0.01*
USA, Wyoming	36	**2.0**	*0.34*	0.22	*0.04*	10	**0.5**	*0.16*	0.06	*0.02*
Asia										
Bahrain: Bahraini	4	**0.5**	*0.28*	0.06	*0.03*	0	**-**	-	–	-
China, Beijing City	16	**0.1**	*0.01*	0.01	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
*China, Cixian County	5	**0.6**	*0.37*	0.05	*0.03*	0	**-**	-	–	-
China, Haining County	0	**-**	-	–	-	5	**0.2**	*0.11*	0.01	*0.01*
*China, Harbin City, Nangang District	11	**0.3**	*0.11*	0.03	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
China, Hong Kong	157	**0.6**	*0.05*	0.07	*0.01*	38	**0.2**	*0.03*	0.02	*0.00*
China, Jiashan County	3	**0.2**	*0.13*	0.04	*0.02*	0	**-**	-	–	-
China, Jiaxing City	0	**-**	-	–	-	0	**-**	-	–	-
China, Macao	3	**0.2**	*0.10*	0.02	*0.01*	2	**0.2**	*0.15*	0.03	*0.02*
China, Qidong County	0	**-**	-	–	-	1	**0.0**	*0.01*	–	-
*China, Shanghai City	28	**0.1**	*0.02*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
*China, Wuhan City	12	**0.1**	*0.02*	0.01	*0.00*	9	**0.1**	*0.02*	0.01	*0.00*
*China, Yangcheng County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yanting County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Zhongshan City	17	**0.6**	*0.14*	0.06	*0.02*	2	**0.1**	*0.04*	0.01	*0.01*
*India, Bangalore	77	**1.0**	*0.12*	0.13	*0.02*	17	**0.2**	*0.06*	0.03	*0.01*
*India; Barshi, Paranda, and Bhum	2	**0.2**	*0.13*	0.03	*0.02*	1	**0.1**	*0.06*	0.02	*0.02*
*India, Bhopal	42	**1.9**	*0.31*	0.25	*0.04*	4	**0.2**	*0.10*	0.01	*0.01*
*India, Chennai	170	**1.7**	*0.13*	0.20	*0.02*	18	**0.2**	*0.04*	0.02	*0.01*
*India, Dindigul, Ambilikkai	42	**0.9**	*0.14*	0.11	*0.02*	10	**0.2**	*0.07*	0.02	*0.01*
*India, Karunagappally	7	**0.7**	*0.26*	0.12	*0.05*	2	**0.2**	*0.11*	0.02	*0.02*
*India, Mizoram	36	**2.0**	*0.35*	0.21	*0.04*	6	**0.4**	*0.16*	0.04	*0.02*
*India, Mumbai	244	**1.0**	*0.06*	0.12	*0.01*	52	**0.2**	*0.03*	0.02	*0.00*
*India, New Delhi	503	**2.0**	*0.09*	0.25	*0.01*	94	**0.4**	*0.04*	0.05	*0.01*
*India, Poona	34	**0.4**	*0.08*	0.06	*0.01*	5	**0.1**	*0.03*	0.00	*0.00*
*India, Sikkim State	9	**1.0**	*0.33*	0.15	*0.06*	10	**1.5**	*0.49*	0.21	*0.07*
*India, Trivandrum	16	**1.0**	*0.25*	0.11	*0.03*	4	**0.2**	*0.11*	0.02	*0.01*
*Iran (Islamic Republic of), Golestan Province	0	**-**	-	–	-	1	**0.1**	*0.06*	0.01	*0.01*
Israel	41	**0.2**	*0.04*	0.03	*0.00*	17	**0.1**	*0.02*	0.01	*0.00*
*Israel: Jews	39	**0.2**	*0.04*	0.03	*0.01*	17	**0.1**	*0.02*	0.01	*0.00*
*Israel: Non–Jews	2	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
Japan, Aichi Prefecture	6	**0.1**	*0.04*	0.02	*0.01*	3	**0.1**	*0.04*	0.01	*0.00*
Japan, Fukui Prefecture	8	**0.2**	*0.08*	0.02	*0.01*	4	**0.1**	*0.06*	0.01	*0.01*
Japan, Hiroshima	28	**0.5**	*0.10*	0.06	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
Japan, Miyagi Prefecture	25	**0.3**	*0.05*	0.03	*0.01*	1	**0.0**	*0.00*	–	-
Japan, Nagasaki Prefecture	23	**0.3**	*0.07*	0.05	*0.01*	6	**0.1**	*0.06*	0.01	*0.00*
Japan, Niigata Prefecture	17	**0.2**	*0.05*	0.02	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
*Japan, Osaka Prefecture	67	**0.2**	*0.02*	0.02	*0.00*	31	**0.1**	*0.01*	0.01	*0.00*
Japan, Saga Prefecture	4	**0.1**	*0.06*	0.02	*0.01*	3	**0.0**	*0.03*	0.00	*0.00*
Republic of Korea	966	**0.7**	*0.02*	0.09	*0.00*	175	**0.1**	*0.01*	0.01	*0.00*
Republic of Korea, Busan	64	**0.7**	*0.09*	0.07	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
Republic of Korea, Daegu	45	**0.7**	*0.10*	0.09	*0.02*	13	**0.2**	*0.05*	0.02	*0.01*
Republic of Korea, Daejeon	18	**0.5**	*0.13*	0.05	*0.02*	3	**0.1**	*0.04*	0.01	*0.01*
Republic of Korea, Gwangju	16	**0.5**	*0.11*	0.05	*0.02*	2	**0.0**	*0.04*	0.01	*0.00*
Republic of Korea, Incheon	43	**0.6**	*0.10*	0.08	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
Republic of Korea, Jejudo	20	**1.5**	*0.35*	0.20	*0.05*	3	**0.2**	*0.12*	0.02	*0.01*
Republic of Korea, Seoul	250	**0.9**	*0.06*	0.11	*0.01*	40	**0.1**	*0.02*	0.01	*0.00*
Republic of Korea, Ulsan	13	**0.6**	*0.17*	0.09	*0.03*	7	**0.2**	*0.09*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tonsil (C09) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	4	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.04*	0.00	*0.00*
*Kuwait: Kuwaitis	2	**0.2**	*0.11*	0.02	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
*Kuwait: Non−Kuwaitis	2	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	–	-
*Malaysia, Penang	11	**0.5**	*0.14*	0.06	*0.02*	9	**0.3**	*0.12*	0.05	*0.02*
*Malaysia, Penang: Chinese	10	**0.7**	*0.22*	0.09	*0.03*	3	**0.2**	*0.12*	0.03	*0.02*
*Malaysia, Penang: Indian	1	**0.3**	*0.26*	0.02	*0.02*	4	**1.4**	*0.75*	0.21	*0.15*
*Malaysia, Penang: Malay	0	**-**	-	–	-	2	**0.2**	*0.17*	0.04	*0.04*
*Philippines, Manila	49	**0.6**	*0.09*	0.08	*0.02*	18	**0.2**	*0.04*	0.02	*0.01*
*Philippines, Rizal	48	**0.5**	*0.08*	0.07	*0.01*	16	**0.2**	*0.04*	0.02	*0.01*
Qatar: Qatari	0	**-**	-	–	-	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	4	**0.1**	*0.05*	0.01	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
Singapore	66	**0.7**	*0.08*	0.09	*0.01*	19	**0.2**	*0.04*	0.01	*0.00*
Singapore: Chinese	57	**0.7**	*0.10*	0.09	*0.01*	18	**0.2**	*0.05*	0.02	*0.00*
Singapore: Indian	7	**0.9**	*0.37*	0.12	*0.06*	0	**-**	-	–	-
Singapore: Malay	2	**0.1**	*0.08*	0.01	*0.01*	1	**0.1**	*0.07*	–	-
Thailand, Bangkok	124	**0.9**	*0.08*	0.10	*0.01*	34	**0.2**	*0.03*	0.02	*0.00*
Thailand, Chiang Mai	34	**0.7**	*0.13*	0.09	*0.02*	15	**0.3**	*0.07*	0.02	*0.01*
Thailand, Chonburi	27	**1.0**	*0.19*	0.10	*0.02*	4	**0.1**	*0.07*	0.02	*0.01*
*Thailand, Khon Kaen	19	**0.4**	*0.10*	0.06	*0.02*	3	**0.1**	*0.03*	0.00	*0.00*
Thailand, Lampang	14	**0.6**	*0.17*	0.04	*0.01*	5	**0.2**	*0.08*	0.01	*0.01*
*Thailand, Songkhla	37	**1.4**	*0.24*	0.16	*0.03*	9	**0.3**	*0.11*	0.04	*0.02*
*Turkey, Antalya	11	**0.3**	*0.09*	0.04	*0.01*	0	**-**	-	–	-
*Turkey, Edirne	3	**0.3**	*0.15*	0.01	*0.01*	0	**-**	-	–	-
*Turkey, Izmir	45	**0.5**	*0.08*	0.06	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
*Turkey, Trabzon	3	**0.3**	*0.17*	0.03	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
Europe										
Austria	513	**1.7**	*0.08*	0.21	*0.01*	153	**0.4**	*0.04*	0.05	*0.00*
Austria, Tyrol	39	**1.7**	*0.28*	0.21	*0.03*	16	**0.6**	*0.15*	0.06	*0.02*
Austria, Vorarlberg	15	**1.2**	*0.32*	0.14	*0.04*	4	**0.3**	*0.15*	0.03	*0.02*
*Belarus	458	**1.6**	*0.08*	0.20	*0.01*	64	**0.1**	*0.02*	0.02	*0.00*
*Belgium	676	**2.2**	*0.09*	0.25	*0.01*	238	**0.7**	*0.05*	0.08	*0.01*
Bulgaria	357	**1.2**	*0.07*	0.15	*0.01*	60	**0.1**	*0.02*	0.01	*0.00*
Croatia	294	**1.8**	*0.11*	0.22	*0.01*	42	**0.2**	*0.04*	0.02	*0.00*
Cyprus	4	**0.2**	*0.08*	0.01	*0.01*	2	**0.1**	*0.06*	0.01	*0.01*
Czech Republic	969	**2.6**	*0.09*	0.31	*0.01*	275	**0.6**	*0.04*	0.07	*0.00*
Denmark	489	**2.4**	*0.11*	0.28	*0.01*	177	**0.8**	*0.07*	0.10	*0.01*
*Estonia	28	**0.7**	*0.13*	0.08	*0.02*	8	**0.1**	*0.04*	0.01	*0.01*
Finland	166	**0.8**	*0.06*	0.10	*0.01*	65	**0.3**	*0.04*	0.03	*0.00*
*France, Bas−Rhin	94	**2.6**	*0.27*	0.32	*0.04*	27	**0.7**	*0.13*	0.08	*0.02*
*France, Calvados	75	**3.1**	*0.37*	0.38	*0.05*	15	**0.7**	*0.18*	0.08	*0.02*
*France, Doubs	63	**3.5**	*0.46*	0.43	*0.06*	12	**0.5**	*0.16*	0.04	*0.02*
*France, Haut−Rhin	83	**3.1**	*0.35*	0.42	*0.05*	18	**0.6**	*0.16*	0.07	*0.02*
*France, Hérault	139	**3.7**	*0.33*	0.44	*0.04*	34	**0.9**	*0.16*	0.10	*0.02*
*France, Isère	112	**2.7**	*0.26*	0.33	*0.03*	20	**0.5**	*0.11*	0.06	*0.01*
*France, Loire−Atlantique	182	**4.5**	*0.34*	0.55	*0.04*	28	**0.6**	*0.13*	0.07	*0.01*
*France, Manche	57	**3.1**	*0.42*	0.38	*0.05*	18	**0.9**	*0.22*	0.10	*0.02*
*France, Somme	84	**4.3**	*0.48*	0.49	*0.06*	20	**1.0**	*0.24*	0.13	*0.03*
*France, Tarn	29	**2.0**	*0.39*	0.22	*0.04*	11	**0.8**	*0.25*	0.08	*0.03*
*France, Vendée	63	**2.7**	*0.35*	0.30	*0.04*	11	**0.5**	*0.15*	0.05	*0.02*
Germany, Brandenburg	260	**2.5**	*0.16*	0.29	*0.02*	54	**0.5**	*0.07*	0.06	*0.01*
Germany, Bremen	71	**2.8**	*0.34*	0.33	*0.04*	23	**0.9**	*0.19*	0.10	*0.02*
Germany, Free State of Saxony	359	**2.0**	*0.11*	0.24	*0.01*	98	**0.5**	*0.05*	0.05	*0.01*
Germany, Hamburg	104	**1.6**	*0.16*	0.19	*0.02*	46	**0.6**	*0.10*	0.08	*0.01*
Germany, Mecklenburg−Western Pomerania	170	**2.5**	*0.19*	0.27	*0.02*	39	**0.5**	*0.09*	0.06	*0.01*
Germany, Munich	347	**2.4**	*0.13*	0.28	*0.02*	114	**0.7**	*0.07*	0.08	*0.01*
Germany, North Rhine−Westphalia	99	**1.0**	*0.10*	0.12	*0.01*	33	**0.3**	*0.05*	0.03	*0.01*
Germany, Saarland	100	**2.4**	*0.24*	0.26	*0.03*	28	**0.7**	*0.14*	0.08	*0.01*
Germany, Schleswig−Holstein	232	**2.0**	*0.14*	0.25	*0.02*	87	**0.7**	*0.08*	0.09	*0.01*
Iceland	6	**0.7**	*0.27*	0.07	*0.03*	4	**0.4**	*0.20*	0.04	*0.02*
Ireland	119	**0.9**	*0.09*	0.11	*0.01*	36	**0.3**	*0.05*	0.03	*0.01*
Italy, Biella	25	**2.9**	*0.61*	0.38	*0.08*	3	**0.2**	*0.14*	0.05	*0.03*
Italy, Brescia	35	**1.1**	*0.18*	0.13	*0.02*	11	**0.3**	*0.12*	0.03	*0.01*
Italy, Catania and Messina	19	**0.5**	*0.11*	0.06	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
Italy, Catanzaro	6	**0.7**	*0.30*	0.06	*0.03*	2	**0.3**	*0.19*	0.03	*0.02*
Italy, Como	23	**0.9**	*0.20*	0.13	*0.03*	7	**0.3**	*0.13*	0.04	*0.02*
Italy, Ferrara	33	**1.9**	*0.36*	0.24	*0.05*	14	**0.7**	*0.22*	0.10	*0.03*
Italy, Florence and Prato	26	**0.8**	*0.16*	0.09	*0.02*	11	**0.3**	*0.09*	0.04	*0.01*
Italy, Friuli−Venezia Giulia	92	**1.6**	*0.18*	0.20	*0.02*	21	**0.3**	*0.08*	0.04	*0.01*
Italy, Genoa	32	**1.0**	*0.19*	0.12	*0.02*	9	**0.2**	*0.09*	0.02	*0.01*
Italy, Latina	15	**0.8**	*0.22*	0.11	*0.03*	2	**0.1**	*0.06*	0.01	*0.01*
Italy, Lecco	10	**0.6**	*0.20*	0.07	*0.03*	6	**0.3**	*0.14*	0.04	*0.02*
Italy, Lombardy, South	28	**1.5**	*0.30*	0.20	*0.04*	9	**0.4**	*0.16*	0.04	*0.02*
Italy, Mantua	6	**0.7**	*0.29*	0.09	*0.04*	6	**0.5**	*0.22*	0.05	*0.03*
Italy, Milan	59	**1.3**	*0.18*	0.15	*0.02*	17	**0.3**	*0.09*	0.04	*0.01*
Italy, Modena	42	**1.5**	*0.24*	0.19	*0.03*	12	**0.5**	*0.14*	0.06	*0.02*
Italy, Naples	2	**0.1**	*0.08*	0.02	*0.01*	4	**0.2**	*0.10*	0.02	*0.01*
Italy, Nuoro	16	**1.6**	*0.42*	0.23	*0.06*	1	**0.1**	*0.13*	0.01	*0.01*
Italy, Palermo	13	**0.4**	*0.11*	0.05	*0.01*	7	**0.2**	*0.06*	0.02	*0.01*
Italy, Parma	27	**1.6**	*0.32*	0.21	*0.04*	7	**0.4**	*0.15*	0.04	*0.02*
Italy, Ragusa	4	**0.3**	*0.17*	0.04	*0.02*	1	**0.0**	*0.02*	–	-
Italy, Reggio Emilia	28	**1.6**	*0.31*	0.19	*0.04*	6	**0.4**	*0.15*	0.04	*0.02*
Italy, Romagna	71	**1.4**	*0.18*	0.18	*0.02*	26	**0.5**	*0.11*	0.06	*0.01*
Italy, Salerno	11	**0.3**	*0.09*	0.04	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
Italy, Sassari	36	**2.0**	*0.34*	0.23	*0.04*	3	**0.2**	*0.09*	0.02	*0.01*
Italy, Sondrio	12	**1.8**	*0.53*	0.22	*0.06*	1	**0.1**	*0.14*	0.02	*0.02*
Italy, South Tyrol	24	**1.7**	*0.35*	0.20	*0.05*	10	**0.5**	*0.18*	0.08	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tonsil (C09) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	7	**0.4**	*0.18*	0.06	*0.02*	2	**0.1**	*0.09*	0.02	*0.01*
Italy, Trapani	5	**0.3**	*0.13*	0.03	*0.02*	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Trento	16	**1.1**	*0.27*	0.12	*0.03*	4	**0.2**	*0.11*	0.03	*0.02*
Italy, Turin	45	**1.1**	*0.17*	0.13	*0.02*	19	**0.4**	*0.10*	0.05	*0.01*
Italy, Umbria	18	**0.5**	*0.12*	0.06	*0.02*	10	**0.2**	*0.07*	0.02	*0.01*
Italy, Varese	28	**0.8**	*0.16*	0.11	*0.02*	10	**0.2**	*0.07*	0.02	*0.01*
Italy, Veneto	131	**1.8**	*0.16*	0.22	*0.02*	37	**0.5**	*0.08*	0.05	*0.01*
Latvia	63	**1.1**	*0.14*	0.13	*0.02*	14	**0.2**	*0.05*	0.02	*0.01*
Lithuania	104	**1.0**	*0.10*	0.13	*0.01*	18	**0.1**	*0.03*	0.01	*0.00*
Malta	21	**1.4**	*0.30*	0.17	*0.04*	5	**0.3**	*0.15*	0.03	*0.01*
*The Netherlands	562	**0.9**	*0.04*	0.11	*0.01*	284	**0.4**	*0.03*	0.05	*0.00*
*The Netherlands, Eindhoven	21	**0.5**	*0.11*	0.06	*0.02*	12	**0.3**	*0.08*	0.03	*0.01*
Norway	221	**1.4**	*0.09*	0.17	*0.01*	74	**0.4**	*0.05*	0.05	*0.01*
Poland, Cracow	17	**0.8**	*0.21*	0.10	*0.03*	7	**0.3**	*0.16*	0.02	*0.01*
Poland, Kielce	18	**0.4**	*0.10*	0.05	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
Poland, Lower Silesia	171	**1.7**	*0.14*	0.22	*0.02*	51	**0.4**	*0.06*	0.05	*0.01*
Poland, Podkarpackie	69	**1.1**	*0.13*	0.14	*0.02*	25	**0.3**	*0.07*	0.04	*0.01*
Portugal, Azores	36	**5.1**	*0.87*	0.55	*0.10*	2	**0.2**	*0.18*	0.04	*0.03*
Russian Federation, Saint Petersburg	91	**0.6**	*0.07*	0.08	*0.01*	52	**0.2**	*0.04*	0.03	*0.00*
*Serbia, Central	130	**0.6**	*0.06*	0.07	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
Slovakia	585	**3.5**	*0.14*	0.40	*0.02*	69	**0.3**	*0.04*	0.04	*0.01*
Slovenia	146	**1.9**	*0.16*	0.23	*0.02*	34	**0.4**	*0.07*	0.05	*0.01*
Spain, Albacete	9	**0.7**	*0.24*	0.10	*0.03*	0	**-**	-	–	-
Spain, Asturias	47	**1.0**	*0.16*	0.13	*0.02*	6	**0.1**	*0.06*	0.01	*0.01*
Spain, Basque Country	98	**1.2**	*0.12*	0.13	*0.01*	25	**0.3**	*0.06*	0.03	*0.01*
Spain, Canary Islands	67	**1.6**	*0.20*	0.20	*0.03*	12	**0.3**	*0.08*	0.03	*0.01*
Spain, Ciudad Real	13	**1.0**	*0.29*	0.12	*0.04*	2	**0.1**	*0.08*	0.01	*0.01*
Spain, Cuenca	0	**-**	-	–	-	1	**0.2**	*0.16*	0.02	*0.02*
Spain, Girona	29	**1.2**	*0.24*	0.15	*0.03*	6	**0.3**	*0.11*	0.03	*0.01*
*Spain, Granada	28	**1.0**	*0.19*	0.14	*0.03*	7	**0.2**	*0.08*	0.02	*0.01*
Spain, La Rioja	7	**0.6**	*0.23*	0.08	*0.03*	2	**0.1**	*0.12*	0.01	*0.01*
Spain, Mallorca	34	**1.3**	*0.23*	0.14	*0.03*	12	**0.4**	*0.13*	0.06	*0.02*
Spain, Murcia	33	**0.8**	*0.14*	0.09	*0.02*	5	**0.1**	*0.06*	0.01	*0.01*
Spain, Navarra	10	**0.4**	*0.15*	0.04	*0.02*	4	**0.2**	*0.11*	0.02	*0.01*
Spain, Tarragona	42	**1.7**	*0.27*	0.19	*0.03*	2	**0.1**	*0.06*	0.01	*0.01*
*Sweden	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, Basel	31	**1.7**	*0.31*	0.20	*0.04*	13	**0.7**	*0.20*	0.08	*0.02*
Switzerland, Geneva	42	**2.6**	*0.41*	0.32	*0.06*	10	**0.6**	*0.18*	0.08	*0.03*
Switzerland, Graubünden and Glarus	9	**1.1**	*0.37*	0.11	*0.04*	4	**0.5**	*0.25*	0.07	*0.03*
Switzerland, Neuchâtel	12	**1.9**	*0.55*	0.23	*0.08*	4	**0.7**	*0.34*	0.08	*0.04*
Switzerland, St Gall–Appenzell	29	**1.5**	*0.28*	0.20	*0.04*	6	**0.4**	*0.14*	0.04	*0.02*
Switzerland, Ticino	17	**1.1**	*0.28*	0.14	*0.04*	9	**0.7**	*0.25*	0.09	*0.03*
Switzerland, Valais	31	**2.9**	*0.52*	0.35	*0.07*	9	**0.8**	*0.27*	0.11	*0.04*
Switzerland, Vaud	55	**2.3**	*0.32*	0.26	*0.04*	21	**0.8**	*0.18*	0.10	*0.02*
Switzerland, Zurich	69	**1.4**	*0.18*	0.19	*0.03*	22	**0.5**	*0.11*	0.05	*0.01*
Ukraine	1985	**1.3**	*0.03*	0.16	*0.00*	466	**0.2**	*0.01*	0.02	*0.00*
UK, England	2406	**1.4**	*0.03*	0.16	*0.00*	819	**0.4**	*0.02*	0.05	*0.00*
UK, England, East of England Region	248	**1.3**	*0.08*	0.14	*0.01*	81	**0.4**	*0.04*	0.04	*0.01*
UK, England, North Western	348	**1.5**	*0.08*	0.17	*0.01*	113	**0.4**	*0.04*	0.05	*0.01*
UK, England, Northern and Yorkshire	379	**1.6**	*0.08*	0.18	*0.01*	122	**0.4**	*0.04*	0.05	*0.01*
UK, England, Oxford Region	120	**1.3**	*0.12*	0.14	*0.01*	47	**0.5**	*0.07*	0.05	*0.01*
UK, England, South and Western Regions	295	**1.2**	*0.07*	0.14	*0.01*	113	**0.4**	*0.04*	0.05	*0.00*
UK, England, Thames	537	**1.5**	*0.06*	0.17	*0.01*	194	**0.5**	*0.04*	0.06	*0.00*
UK, England, Trent	157	**1.5**	*0.12*	0.17	*0.01*	46	**0.4**	*0.06*	0.04	*0.01*
UK, England, West Midlands	251	**1.3**	*0.09*	0.15	*0.01*	78	**0.4**	*0.05*	0.04	*0.01*
UK, Northern Ireland	38	**0.7**	*0.11*	0.08	*0.01*	21	**0.3**	*0.08*	0.04	*0.01*
UK, Scotland	264	**1.4**	*0.09*	0.18	*0.01*	98	**0.4**	*0.05*	0.05	*0.01*
UK, Wales	180	**1.6**	*0.12*	0.18	*0.01*	58	**0.5**	*0.07*	0.05	*0.01*
Oceania										
Australian Capital Territory	17	**1.6**	*0.41*	0.19	*0.05*	3	**0.3**	*0.15*	0.03	*0.01*
Australia, New South Wales	293	**1.3**	*0.08*	0.15	*0.01*	92	**0.4**	*0.04*	0.05	*0.01*
Australia, Northern Territory	26	**4.6**	*0.96*	0.61	*0.16*	1	**0.2**	*0.16*	0.02	*0.02*
Australia, Northern Territory: Indigenous	7	**5.8**	*2.22*	0.51	*0.20*	1	**0.8**	*0.82*	0.08	*0.08*
Australia, Northern Territory: Non–Indigenous	19	**4.2**	*1.01*	0.60	*0.18*	0	**-**	-	–	-
Australia, Queensland	275	**2.1**	*0.13*	0.24	*0.02*	60	**0.4**	*0.06*	0.05	*0.01*
South Australia	82	**1.5**	*0.17*	0.18	*0.02*	25	**0.4**	*0.08*	0.05	*0.01*
Australia, Tasmania	25	**1.5**	*0.30*	0.16	*0.04*	7	**0.3**	*0.13*	0.04	*0.02*
Australia, Victoria	258	**1.5**	*0.10*	0.18	*0.01*	60	**0.3**	*0.05*	0.04	*0.01*
Western Australia	119	**1.8**	*0.16*	0.22	*0.02*	23	**0.3**	*0.07*	0.03	*0.01*
New Zealand	155	**1.2**	*0.10*	0.13	*0.01*	40	**0.3**	*0.05*	0.03	*0.01*
New Zealand: Maori	18	**1.4**	*0.34*	0.15	*0.04*	3	**0.2**	*0.10*	0.01	*0.01*
New Zealand: Pacific Islander	5	**1.1**	*0.52*	0.15	*0.08*	2	**0.4**	*0.30*	0.08	*0.06*
New Zealand: Other	132	**1.1**	*0.10*	0.13	*0.01*	35	**0.3**	*0.05*	0.03	*0.01*
USA, Hawaii	84	**2.0**	*0.22*	0.23	*0.03*	17	**0.4**	*0.09*	0.05	*0.01*
*USA, Hawaii: Chinese	3	**1.3**	*0.74*	0.18	*0.11*	0	**-**	-	–	-
*USA, Hawaii: Filipino	3	**0.4**	*0.23*	0.02	*0.02*	2	**0.4**	*0.25*	0.05	*0.03*
*USA, Hawaii: Hawaiian	7	**1.2**	*0.45*	0.13	*0.05*	3	**0.4**	*0.24*	0.04	*0.03*
*USA, Hawaii: Japanese	10	**0.9**	*0.31*	0.10	*0.04*	0	**-**	-	–	-
*USA, Hawaii: White	51	**4.0**	*0.57*	0.49	*0.08*	10	**0.9**	*0.28*	0.13	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other oropharynx (C10)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	14	**0.6**	*0.16*	–	-	4	**0.1**	*0.06*	–	-
Egypt, Gharbiah	7	**0.1**	*0.04*	0.01	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
*Libya, Benghazi	0	**-**	-	–	-	1	**0.1**	*0.10*	0.01	*0.01*
*Malawi, Blantyre	0	**-**	-	–	-	0	**-**	-	–	-
*South Africa, PROMEC	0	**-**	-	–	-	0	**-**	-	–	-
*Tunisia, North	5	**0.1**	*0.03*	0.01	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
*Uganda, Kyadondo County	10	**0.8**	*0.31*	0.08	*0.04*	7	**0.3**	*0.14*	0.03	*0.01*
*Zimbabwe, Harare: African	3	**0.4**	*0.22*	0.06	*0.04*	0	**-**	-	–	-
America, Central and South										
Argentina, Bahía Blanca	1	**0.1**	*0.13*	0.02	*0.02*	0	**-**	-	–	-
Argentina, Córdoba	9	**0.3**	*0.11*	0.04	*0.02*	1	**0.0**	*0.03*	0.01	*0.01*
Argentina, Mendoza	4	**0.1**	*0.05*	0.01	*0.01*	2	**0.0**	*0.02*	–	-
*Argentina, Tierra del Fuego	0	**-**	-	–	-	0	**-**	-	–	-
Brazil, Aracaju	13	**2.4**	*0.68*	0.29	*0.09*	4	**0.3**	*0.17*	0.02	*0.01*
Brazil, Belo Horizonte	48	**1.7**	*0.25*	0.19	*0.03*	12	**0.3**	*0.09*	0.03	*0.01*
Brazil, Cuiabá	20	**2.3**	*0.53*	0.30	*0.08*	2	**0.2**	*0.11*	0.02	*0.01*
Brazil, Fortaleza	41	**1.4**	*0.22*	0.16	*0.03*	14	**0.3**	*0.09*	0.04	*0.01*
Brazil, Goiânia	58	**2.7**	*0.36*	0.30	*0.05*	15	**0.5**	*0.14*	0.06	*0.02*
*Brazil, São Paulo	535	**2.5**	*0.11*	0.31	*0.02*	106	**0.3**	*0.04*	0.04	*0.00*
Chile, Region of Antofagasta	3	**0.2**	*0.14*	0.04	*0.03*	2	**0.2**	*0.13*	0.03	*0.02*
Chile, Bío Bío Province	0	**-**	-	–	-	0	**-**	-	–	-
Chile, Valdivia	1	**0.1**	*0.10*	0.01	*0.01*	0	**-**	-	–	-
Colombia, Bucaramanga	9	**0.4**	*0.15*	0.06	*0.02*	3	**0.1**	*0.06*	0.02	*0.01*
Colombia, Cali	8	**0.2**	*0.08*	0.03	*0.01*	6	**0.1**	*0.05*	0.01	*0.01*
Colombia, Manizales	4	**0.4**	*0.22*	0.04	*0.02*	1	**0.1**	*0.08*	0.02	*0.02*
Colombia, Pasto	0	**-**	-	–	-	0	**-**	-	–	-
Costa Rica	16	**0.2**	*0.05*	0.02	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
Cuba, Villa Clara	16	**0.5**	*0.15*	0.05	*0.02*	3	**0.1**	*0.06*	0.02	*0.01*
Ecuador, Cuenca	0	**-**	-	–	-	0	**-**	-	–	-
Ecuador, Quito	1	**0.0**	*0.02*	–	-	0	**-**	-	–	-
*France, Martinique	27	**2.1**	*0.41*	0.27	*0.06*	1	**0.1**	*0.07*	0.01	*0.01*
*Jamaica, Kingston and St Andrew	3	**0.3**	*0.15*	0.05	*0.03*	1	**0.1**	*0.06*	0.02	*0.02*
USA, Puerto Rico	106	**0.8**	*0.08*	0.10	*0.01*	11	**0.1**	*0.02*	0.01	*0.00*
Uruguay	33	**0.6**	*0.10*	0.07	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
America, North										
Canada	479	**0.4**	*0.02*	0.05	*0.00*	159	**0.1**	*0.01*	0.01	*0.00*
Canada, Alberta	37	**0.4**	*0.06*	0.05	*0.01*	17	**0.1**	*0.03*	0.02	*0.01*
Canada, British Columbia	64	**0.4**	*0.05*	0.05	*0.01*	26	**0.1**	*0.03*	0.02	*0.00*
Canada, Manitoba	16	**0.4**	*0.11*	0.06	*0.02*	2	**0.1**	*0.04*	0.01	*0.01*
Canada, New Brunswick	7	**0.2**	*0.09*	0.03	*0.01*	2	**0.0**	*0.03*	0.01	*0.01*
Canada, Newfoundland and Labrador	8	**0.4**	*0.14*	0.06	*0.02*	0	**-**	-	–	-
*Canada, Northwest Territories	2	**1.9**	*1.38*	0.24	*0.17*	0	**-**	-	–	-
Canada, Nova Scotia	18	**0.5**	*0.11*	0.06	*0.02*	4	**0.1**	*0.05*	0.01	*0.01*
Canada, Ontario	163	**0.4**	*0.03*	0.05	*0.00*	56	**0.1**	*0.01*	0.01	*0.00*
Canada, Prince Edward Island	1	**0.2**	*0.23*	0.02	*0.02*	0	**-**	-	–	-
*Canada, Quebec	156	**0.5**	*0.04*	0.07	*0.01*	50	**0.1**	*0.02*	0.02	*0.00*
Canada, Saskatchewan	7	**0.2**	*0.07*	0.02	*0.01*	2	**0.1**	*0.05*	0.01	*0.01*
*Canada, Yukon	0	**-**	-	–	-	0	**-**	-	–	-
USA, NPCR (42 states)	4774	**0.6**	*0.01*	0.07	*0.00*	1725	**0.2**	*0.00*	0.02	*0.00*
USA, NPCR (42 states): American Indian	15	**0.2**	*0.06*	0.03	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
USA, NPCR (42 states): Asian and Pacific Islander	33	**0.1**	*0.02*	0.01	*0.00*	11	**0.0**	*0.01*	0.00	*0.00*
USA, NPCR (42 states): Black	803	**1.0**	*0.04*	0.12	*0.01*	253	**0.2**	*0.02*	0.03	*0.00*
USA, NPCR (42 states): White	3876	**0.5**	*0.01*	0.07	*0.00*	1443	**0.2**	*0.00*	0.02	*0.00*
USA, SEER (9 registries)	362	**0.4**	*0.02*	0.05	*0.00*	108	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (9 registries): Black	79	**1.0**	*0.11*	0.12	*0.02*	18	**0.2**	*0.04*	0.01	*0.00*
*USA, SEER (9 registries): White	261	**0.4**	*0.02*	0.04	*0.00*	83	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (18 registries)	1142	**0.4**	*0.01*	0.06	*0.00*	365	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	32	**0.1**	*0.03*	0.01	*0.00*	11	**0.0**	*0.01*	0.00	*0.00*
*USA, SEER (18 registries): Black	198	**0.9**	*0.06*	0.11	*0.01*	62	**0.2**	*0.03*	0.02	*0.00*
*USA, SEER (18 registries): Hispanic White	61	**0.2**	*0.03*	0.03	*0.01*	15	**0.0**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	842	**0.5**	*0.02*	0.06	*0.00*	271	**0.1**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): White	903	**0.4**	*0.01*	0.05	*0.00*	286	**0.1**	*0.01*	0.01	*0.00*
USA, Alabama	134	**0.9**	*0.08*	0.11	*0.01*	42	**0.2**	*0.04*	0.03	*0.01*
USA, Alabama: Black	39	**1.4**	*0.23*	0.17	*0.03*	8	**0.2**	*0.08*	0.03	*0.01*
USA, Alabama: White	95	**0.8**	*0.08*	0.10	*0.01*	34	**0.2**	*0.04*	0.03	*0.01*
USA, Alaska	11	**0.6**	*0.19*	0.09	*0.03*	5	**0.3**	*0.15*	0.05	*0.03*
*USA, Alaska: American Indian	1	**0.3**	*0.34*	0.03	*0.03*	1	**0.5**	*0.49*	0.08	*0.08*
USA, Arizona	81	**0.4**	*0.05*	0.06	*0.01*	49	**0.2**	*0.03*	0.02	*0.00*
USA, Arizona: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arizona: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arizona: Black	1	**0.3**	*0.26*	0.03	*0.03*	3	**0.5**	*0.28*	0.04	*0.03*
USA, Arizona: White	80	**0.5**	*0.05*	0.06	*0.01*	46	**0.2**	*0.03*	0.02	*0.00*
USA, Arkansas	56	**0.6**	*0.08*	0.08	*0.01*	19	**0.1**	*0.04*	0.02	*0.01*
USA, Arkansas: Black	6	**0.5**	*0.23*	0.05	*0.02*	0	**-**	-	–	-
USA, Arkansas: White	50	**0.6**	*0.09*	0.08	*0.01*	19	**0.2**	*0.04*	0.02	*0.01*
USA, California	386	**0.4**	*0.02*	0.05	*0.00*	154	**0.1**	*0.01*	0.01	*0.00*
USA, California: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, California: Asian and Pacific Islander	18	**0.1**	*0.03*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
USA, California: Black	38	**0.6**	*0.09*	0.07	*0.01*	18	**0.2**	*0.05*	0.02	*0.01*
USA, California: White	327	**0.4**	*0.02*	0.05	*0.00*	128	**0.1**	*0.01*	0.02	*0.00*
USA, California, Los Angeles County	92	**0.3**	*0.04*	0.04	*0.01*	38	**0.1**	*0.02*	0.01	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	7	**0.2**	*0.06*	0.02	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
*USA, California, Los Angeles County: Black	18	**0.7**	*0.16*	0.08	*0.02*	10	**0.2**	*0.08*	0.03	*0.01*
*USA, California, Los Angeles County: Chinese	4	**0.3**	*0.17*	0.04	*0.02*	0	**-**	-	–	-
*USA, California, Los Angeles County: Filipino	0	**-**	-	–	-	1	**0.1**	*0.08*	0.01	*0.01*
*USA, California, Los Angeles County: Hispanic White	12	**0.2**	*0.05*	0.02	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other oropharynx (C10) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	1	**0.1**	*0.07*	–	-	0	**-**	-	–	-
*USA, California, Los Angeles County: Korean	0	**-**	-	–	-	0	**-**	-	–	-
*USA, California, Los Angeles County: Non–Hispanic White	54	**0.4**	*0.06*	0.05	*0.01*	21	**0.2**	*0.04*	0.02	*0.01*
*USA, California, Los Angeles County: White	66	**0.3**	*0.04*	0.04	*0.01*	26	**0.1**	*0.02*	0.01	*0.00*
USA, California, San Francisco Bay Area	43	**0.3**	*0.05*	0.04	*0.01*	24	**0.1**	*0.03*	0.01	*0.00*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	5	**0.1**	*0.06*	0.01	*0.01*	2	**0.0**	*0.02*	–	-
*USA, California, San Francisco Bay Area: Black	5	**0.4**	*0.18*	0.04	*0.03*	1	**0.1**	*0.09*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Hispanic White	2	**0.2**	*0.13*	0.04	*0.03*	1	**0.1**	*0.06*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Non–Hispanic White	31	**0.4**	*0.07*	0.05	*0.01*	20	**0.2**	*0.05*	0.02	*0.01*
*USA, California, San Francisco Bay Area: White	33	**0.3**	*0.06*	0.04	*0.01*	21	**0.2**	*0.04*	0.02	*0.01*
USA, Colorado	34	**0.2**	*0.04*	0.03	*0.01*	20	**0.1**	*0.03*	0.02	*0.01*
USA, Colorado: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Colorado: Black	2	**0.3**	*0.24*	0.04	*0.03*	2	**0.5**	*0.33*	0.05	*0.04*
USA, Colorado: White	31	**0.2**	*0.04*	0.03	*0.01*	18	**0.1**	*0.03*	0.02	*0.01*
USA, Connecticut	55	**0.5**	*0.06*	0.05	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
*USA, Connecticut: Black	15	**1.9**	*0.50*	0.24	*0.07*	1	**0.1**	*0.09*	0.01	*0.01*
*USA, Connecticut: White	39	**0.4**	*0.06*	0.04	*0.01*	11	**0.1**	*0.03*	0.01	*0.00*
USA, Delaware	26	**1.0**	*0.19*	0.13	*0.03*	8	**0.2**	*0.09*	0.03	*0.01*
USA, Delaware: Black	4	**0.9**	*0.46*	0.14	*0.08*	0	**-**	-	–	-
USA, Delaware: White	22	**1.0**	*0.21*	0.13	*0.03*	8	**0.3**	*0.10*	0.04	*0.02*
USA, Florida	484	**0.8**	*0.04*	0.09	*0.00*	183	**0.2**	*0.02*	0.03	*0.00*
USA, Florida: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.1**	*0.06*	–	-
USA, Florida: Black	54	**0.8**	*0.12*	0.10	*0.02*	21	**0.3**	*0.06*	0.03	*0.01*
USA, Florida: White	420	**0.8**	*0.04*	0.09	*0.01*	159	**0.2**	*0.02*	0.03	*0.00*
USA, Georgia	188	**0.7**	*0.05*	0.09	*0.01*	43	**0.1**	*0.02*	0.02	*0.00*
USA, Georgia: Asian and Pacific Islander	1	**0.2**	*0.21*	0.03	*0.03*	0	**-**	-	–	-
USA, Georgia: Black	54	**1.0**	*0.14*	0.13	*0.02*	16	**0.2**	*0.05*	0.02	*0.01*
USA, Georgia: White	132	**0.7**	*0.06*	0.09	*0.01*	27	**0.1**	*0.02*	0.02	*0.00*
USA, Georgia, Atlanta	50	**0.6**	*0.09*	0.09	*0.02*	11	**0.1**	*0.03*	0.01	*0.00*
*USA, Georgia, Atlanta: Black	23	**1.1**	*0.24*	0.17	*0.04*	7	**0.2**	*0.07*	0.02	*0.01*
*USA, Georgia, Atlanta: White	25	**0.5**	*0.10*	0.07	*0.02*	4	**0.1**	*0.03*	0.01	*0.01*
USA, Idaho	13	**0.3**	*0.09*	0.05	*0.01*	4	**0.1**	*0.04*	0.01	*0.00*
USA, Illinois	283	**0.7**	*0.04*	0.09	*0.01*	85	**0.2**	*0.02*	0.03	*0.00*
USA, Illinois: Asian and Pacific Islander	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
USA, Illinois: Black	62	**1.4**	*0.18*	0.18	*0.03*	16	**0.3**	*0.07*	0.04	*0.01*
USA, Illinois: White	217	**0.6**	*0.05*	0.08	*0.01*	68	**0.2**	*0.02*	0.02	*0.00*
USA, Indiana	110	**0.6**	*0.05*	0.07	*0.01*	43	**0.2**	*0.03*	0.02	*0.00*
USA, Indiana: Black	11	**0.9**	*0.28*	0.11	*0.04*	4	**0.2**	*0.13*	0.05	*0.02*
USA, Indiana: White	98	**0.5**	*0.05*	0.07	*0.01*	38	**0.2**	*0.03*	0.02	*0.00*
USA, Iowa	33	**0.3**	*0.05*	0.04	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
USA, Kentucky	85	**0.6**	*0.07*	0.07	*0.01*	28	**0.2**	*0.03*	0.02	*0.00*
USA, Louisiana	68	**0.6**	*0.08*	0.08	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
*USA, Louisiana: Black	34	**1.3**	*0.23*	0.16	*0.03*	6	**0.2**	*0.08*	0.02	*0.01*
*USA, Louisiana: White	34	**0.4**	*0.07*	0.05	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
*USA, Louisiana, New Orleans	10	**0.4**	*0.14*	0.05	*0.02*	1	**0.0**	*0.05*	0.01	*0.01*
*USA, Louisiana, New Orleans: Black	3	**0.5**	*0.28*	0.08	*0.05*	1	**0.1**	*0.14*	0.02	*0.02*
*USA, Louisiana, New Orleans: White	7	**0.4**	*0.16*	0.05	*0.02*	0	**-**	-	–	-
USA, Maine	28	**0.5**	*0.10*	0.07	*0.02*	10	**0.2**	*0.06*	0.03	*0.01*
USA, Massachusetts	107	**0.5**	*0.05*	0.06	*0.01*	45	**0.2**	*0.03*	0.02	*0.00*
USA, Massachusetts: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Massachusetts: Black	5	**0.6**	*0.29*	0.09	*0.04*	1	**0.1**	*0.08*	0.01	*0.01*
USA, Massachusetts: White	102	**0.5**	*0.05*	0.06	*0.01*	44	**0.2**	*0.03*	0.02	*0.00*
USA, Michigan	183	**0.5**	*0.04*	0.07	*0.01*	66	**0.2**	*0.02*	0.02	*0.00*
USA, Michigan: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Michigan: Black	38	**1.0**	*0.16*	0.10	*0.02*	15	**0.3**	*0.09*	0.04	*0.01*
USA, Michigan: White	140	**0.5**	*0.04*	0.06	*0.01*	51	**0.1**	*0.02*	0.02	*0.00*
USA, Michigan, Detroit	74	**0.6**	*0.07*	0.06	*0.01*	17	**0.1**	*0.03*	0.01	*0.00*
*USA, Michigan, Detroit: Black	31	**1.1**	*0.20*	0.11	*0.02*	9	**0.2**	*0.08*	0.01	*0.01*
*USA, Michigan, Detroit: White	43	**0.4**	*0.07*	0.05	*0.01*	8	**0.1**	*0.02*	0.01	*0.00*
USA, Mississippi	53	**0.6**	*0.08*	0.07	*0.01*	20	**0.2**	*0.04*	0.02	*0.01*
USA, Missouri	139	**0.7**	*0.06*	0.09	*0.01*	41	**0.2**	*0.03*	0.02	*0.00*
USA, Missouri: Black	18	**1.1**	*0.26*	0.11	*0.03*	5	**0.2**	*0.10*	0.03	*0.02*
USA, Missouri: White	121	**0.7**	*0.06*	0.09	*0.01*	36	**0.1**	*0.03*	0.02	*0.00*
USA, Montana	18	**0.5**	*0.12*	0.08	*0.02*	7	**0.2**	*0.06*	0.02	*0.01*
USA, Montana: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, Nebraska	20	**0.4**	*0.08*	0.05	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
USA, Nebraska: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Nebraska: White	20	**0.4**	*0.08*	0.05	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
USA, New Hampshire	31	**0.7**	*0.13*	0.09	*0.02*	8	**0.1**	*0.05*	0.02	*0.01*
USA, New Jersey	145	**0.5**	*0.04*	0.06	*0.01*	53	**0.1**	*0.02*	0.02	*0.00*
*USA, New Jersey: Black	15	**0.5**	*0.13*	0.06	*0.02*	10	**0.2**	*0.07*	0.02	*0.01*
*USA, New Jersey: White	128	**0.5**	*0.05*	0.07	*0.01*	42	**0.1**	*0.02*	0.02	*0.00*
USA, New Mexico	22	**0.3**	*0.08*	0.04	*0.01*	9	**0.1**	*0.04*	0.01	*0.00*
*USA, New Mexico: Hispanic White	4	**0.2**	*0.09*	0.02	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
*USA, New Mexico: Non–Hispanic White	16	**0.4**	*0.11*	0.05	*0.01*	8	**0.2**	*0.06*	0.02	*0.01*
*USA, New Mexico: White	20	**0.4**	*0.08*	0.04	*0.01*	9	**0.1**	*0.04*	0.01	*0.01*
USA, New York State	370	**0.6**	*0.03*	0.08	*0.00*	119	**0.2**	*0.01*	0.02	*0.00*
USA, New York State: Asian and Pacific Islander	5	**0.1**	*0.06*	0.02	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
USA, New York State: Black	77	**1.0**	*0.11*	0.12	*0.02*	21	**0.2**	*0.04*	0.02	*0.01*
USA, New York State: White	284	**0.6**	*0.03*	0.07	*0.00*	96	**0.2**	*0.02*	0.02	*0.00*
USA, North Carolina	217	**0.8**	*0.05*	0.09	*0.01*	63	**0.2**	*0.02*	0.03	*0.00*
USA, North Carolina: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Black	68	**1.4**	*0.18*	0.18	*0.03*	12	**0.2**	*0.06*	0.03	*0.01*
USA, North Carolina: White	145	**0.6**	*0.05*	0.08	*0.01*	50	**0.2**	*0.03*	0.03	*0.00*
USA, North Dakota	3	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.01*
USA, Ohio	241	**0.6**	*0.04*	0.08	*0.01*	81	**0.2**	*0.02*	0.02	*0.00*
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.18*	–	-
USA, Ohio: Black	37	**1.1**	*0.18*	0.14	*0.03*	6	**0.1**	*0.06*	0.02	*0.01*
USA, Ohio: White	201	**0.6**	*0.04*	0.07	*0.01*	73	**0.2**	*0.02*	0.02	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other oropharynx (C10) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	57	**0.5**	*0.06*	0.06	*0.01*	23	**0.2**	*0.03*	0.02	*0.01*
USA, Oklahoma: American Indian	5	**0.6**	*0.28*	0.09	*0.04*	3	**0.3**	*0.20*	0.04	*0.03*
USA, Oklahoma: Black	6	**1.0**	*0.41*	0.16	*0.08*	1	**0.2**	*0.17*	0.02	*0.02*
USA, Oklahoma: White	46	**0.4**	*0.07*	0.05	*0.01*	19	**0.1**	*0.03*	0.02	*0.01*
USA, Oregon	52	**0.4**	*0.06*	0.05	*0.01*	30	**0.2**	*0.04*	0.02	*0.01*
USA, Oregon: Asian and Pacific Islander	1	**0.3**	*0.28*	0.03	*0.03*	0	**-**	-	–	-
USA, Oregon: Black	1	**0.4**	*0.42*	0.04	*0.04*	0	**-**	-	–	-
USA, Oregon: White	49	**0.4**	*0.06*	0.05	*0.01*	28	**0.2**	*0.04*	0.02	*0.01*
USA, Pennsylvania	212	**0.5**	*0.03*	0.06	*0.00*	89	**0.2**	*0.02*	0.02	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Pennsylvania: Black	31	**0.9**	*0.17*	0.11	*0.02*	17	**0.4**	*0.10*	0.05	*0.01*
USA, Pennsylvania: White	181	**0.4**	*0.03*	0.06	*0.00*	72	**0.2**	*0.02*	0.02	*0.00*
USA, Rhode Island	24	**0.7**	*0.14*	0.10	*0.02*	15	**0.3**	*0.09*	0.05	*0.01*
USA, Rhode Island: Black	2	**1.7**	*1.22*	0.25	*0.19*	2	**1.3**	*0.96*	0.11	*0.11*
USA, Rhode Island: White	22	**0.6**	*0.14*	0.09	*0.02*	13	**0.3**	*0.09*	0.04	*0.01*
USA, South Carolina	106	**0.8**	*0.07*	0.09	*0.01*	36	**0.2**	*0.04*	0.03	*0.01*
USA, South Carolina: Black	42	**1.2**	*0.19*	0.13	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
USA, South Carolina: White	64	**0.6**	*0.08*	0.08	*0.01*	27	**0.2**	*0.05*	0.03	*0.01*
USA, South Dakota	10	**0.4**	*0.12*	0.05	*0.02*	3	**0.1**	*0.07*	0.02	*0.01*
USA, Tennessee	115	**0.6**	*0.05*	0.08	*0.01*	48	**0.2**	*0.03*	0.02	*0.00*
USA, Tennessee: Black	23	**1.1**	*0.23*	0.16	*0.04*	9	**0.3**	*0.10*	0.03	*0.01*
USA, Tennessee: White	91	**0.5**	*0.06*	0.07	*0.01*	39	**0.2**	*0.03*	0.02	*0.00*
USA, Texas	332	**0.5**	*0.03*	0.06	*0.00*	114	**0.1**	*0.01*	0.02	*0.00*
USA, Texas: Asian and Pacific Islander	1	**0.1**	*0.07*	0.02	*0.02*	0	**-**	-	–	-
USA, Texas: Black	36	**0.6**	*0.10*	0.07	*0.01*	11	**0.1**	*0.05*	0.02	*0.01*
USA, Texas: White	288	**0.5**	*0.03*	0.06	*0.00*	101	**0.1**	*0.02*	0.02	*0.00*
USA, Utah	16	**0.3**	*0.07*	0.03	*0.01*	5	**0.1**	*0.03*	0.01	*0.01*
USA, Vermont	13	**0.6**	*0.16*	0.08	*0.02*	1	**0.1**	*0.05*	0.01	*0.01*
USA, Virginia	139	**0.6**	*0.05*	0.07	*0.01*	54	**0.2**	*0.03*	0.02	*0.00*
USA, Virginia: Asian and Pacific Islander	3	**0.3**	*0.16*	0.02	*0.01*	0	**-**	-	–	-
USA, Virginia: Black	43	**1.1**	*0.17*	0.13	*0.02*	14	**0.3**	*0.08*	0.03	*0.01*
USA, Virginia: White	93	**0.5**	*0.05*	0.06	*0.01*	40	**0.2**	*0.03*	0.02	*0.00*
USA, Washington State	78	**0.4**	*0.04*	0.05	*0.01*	31	**0.1**	*0.02*	0.01	*0.00*
USA, Washington, Seattle	48	**0.3**	*0.05*	0.04	*0.01*	12	**0.1**	*0.02*	0.01	*0.00*
USA, West Virginia	38	**0.6**	*0.09*	0.07	*0.01*	14	**0.2**	*0.05*	0.02	*0.01*
USA, Wisconsin	133	**0.7**	*0.06*	0.09	*0.01*	53	**0.2**	*0.04*	0.03	*0.01*
USA, Wisconsin: Black	12	**1.8**	*0.54*	0.24	*0.08*	4	**0.4**	*0.20*	0.03	*0.02*
USA, Wisconsin: White	120	**0.7**	*0.06*	0.08	*0.01*	49	**0.2**	*0.04*	0.03	*0.01*
USA, Wyoming	7	**0.3**	*0.13*	0.03	*0.01*	3	**0.2**	*0.10*	0.02	*0.01*
Asia										
Bahrain: Bahraini	0	**-**	-	–	-	0	**-**	-	–	-
China, Beijing City	24	**0.1**	*0.02*	0.01	*0.00*	19	**0.1**	*0.01*	0.01	*0.00*
*China, Cixian County	4	**0.3**	*0.17*	0.04	*0.02*	0	**-**	-	–	-
China, Haining County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Harbin City, Nangang District	4	**0.1**	*0.06*	0.02	*0.01*	0	**-**	-	–	-
China, Hong Kong	66	**0.3**	*0.04*	0.03	*0.00*	12	**0.0**	*0.01*	0.00	*0.00*
China, Jiashan County	2	**0.1**	*0.10*	0.02	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
China, Jiaxing City	2	**0.1**	*0.09*	–	-	1	**0.1**	*0.07*	0.02	*0.02*
China, Macao	6	**0.5**	*0.23*	0.07	*0.03*	0	**-**	-	–	-
China, Qidong County	4	**0.1**	*0.08*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
*China, Shanghai City	46	**0.2**	*0.03*	0.02	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
*China, Wuhan City	23	**0.2**	*0.04*	0.02	*0.01*	7	**0.0**	*0.02*	0.01	*0.00*
*China, Yangcheng County	1	**0.1**	*0.11*	0.01	*0.01*	0	**-**	-	–	-
*China, Yanting County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Zhongshan City	9	**0.3**	*0.10*	0.04	*0.02*	2	**0.1**	*0.04*	0.01	*0.01*
*India, Bangalore	92	**1.3**	*0.14*	0.16	*0.02*	7	**0.1**	*0.04*	0.02	*0.01*
*India; Barshi, Paranda, and Bhum	2	**0.2**	*0.13*	0.01	*0.01*	0	**-**	-	–	-
*India, Bhopal	20	**1.0**	*0.23*	0.14	*0.04*	2	**0.1**	*0.08*	0.02	*0.01*
*India, Chennai	164	**1.7**	*0.13*	0.21	*0.02*	19	**0.2**	*0.04*	0.02	*0.01*
*India, Dindigul, Ambilikkai	51	**1.1**	*0.16*	0.14	*0.02*	4	**0.1**	*0.04*	0.01	*0.00*
*India, Karunagappally	19	**1.9**	*0.43*	0.20	*0.06*	1	**0.1**	*0.08*	0.00	*0.00*
*India, Mizoram	23	**1.4**	*0.29*	0.18	*0.04*	7	**0.6**	*0.22*	0.08	*0.03*
*India, Mumbai	140	**0.6**	*0.05*	0.06	*0.01*	28	**0.1**	*0.02*	0.01	*0.00*
*India, New Delhi	286	**1.2**	*0.07*	0.15	*0.01*	50	**0.2**	*0.03*	0.03	*0.00*
*India, Poona	24	**0.3**	*0.07*	0.03	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
*India, Sikkim State	1	**0.1**	*0.13*	0.02	*0.02*	1	**0.2**	*0.15*	–	-
*India, Trivandrum	41	**2.7**	*0.42*	0.33	*0.06*	0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province	0	**-**	-	–	-	0	**-**	-	–	-
Israel	14	**0.1**	*0.02*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
*Israel: Jews	11	**0.1**	*0.02*	0.01	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
*Israel: Non–Jews	3	**0.2**	*0.09*	0.02	*0.01*	1	**0.0**	*0.05*	–	-
Japan, Aichi Prefecture	51	**0.9**	*0.12*	0.11	*0.02*	16	**0.3**	*0.08*	0.04	*0.01*
Japan, Fukui Prefecture	20	**0.5**	*0.12*	0.06	*0.02*	4	**0.1**	*0.04*	0.01	*0.00*
Japan, Hiroshima	46	**0.9**	*0.14*	0.13	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
Japan, Miyagi Prefecture	128	**1.2**	*0.11*	0.16	*0.02*	13	**0.1**	*0.04*	0.01	*0.00*
Japan, Nagasaki Prefecture	75	**1.0**	*0.13*	0.13	*0.02*	11	**0.2**	*0.06*	0.02	*0.01*
Japan, Niigata Prefecture	116	**1.0**	*0.10*	0.12	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
*Japan, Osaka Prefecture	334	**0.8**	*0.05*	0.10	*0.01*	75	**0.2**	*0.02*	0.02	*0.00*
Japan, Saga Prefecture	38	**1.1**	*0.18*	0.14	*0.02*	6	**0.1**	*0.05*	0.02	*0.01*
Republic of Korea	340	**0.3**	*0.01*	0.04	*0.00*	40	**0.0**	*0.00*	0.00	*0.00*
Republic of Korea, Busan	26	**0.3**	*0.06*	0.03	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
Republic of Korea, Daegu	10	**0.2**	*0.05*	0.02	*0.01*	1	**0.0**	*0.01*	–	-
Republic of Korea, Daejeon	9	**0.3**	*0.09*	0.04	*0.02*	3	**0.1**	*0.04*	0.01	*0.01*
Republic of Korea, Gwangju	21	**0.6**	*0.14*	0.07	*0.02*	2	**0.1**	*0.04*	0.01	*0.00*
Republic of Korea, Incheon	9	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	–	-
Republic of Korea, Jejudo	4	**0.3**	*0.17*	0.04	*0.02*	0	**-**	-	–	-
Republic of Korea, Seoul	46	**0.2**	*0.03*	0.03	*0.01*	9	**0.0**	*0.01*	0.00	*0.00*
Republic of Korea, Ulsan	6	**0.3**	*0.12*	0.03	*0.02*	0	**-**	-	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other oropharynx (C10) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	0	-	-	–	-	1	**0.0**	*0.01*	0.00	*0.00*
*Kuwait: Kuwaitis	0	-	-	–	-	1	**0.0**	*0.03*	0.00	*0.00*
*Kuwait: Non–Kuwaitis	0	-	-	–	-	0	-	-	–	-
*Malaysia, Penang	8	**0.4**	*0.13*	0.05	*0.02*	2	**0.1**	*0.05*	0.01	*0.00*
*Malaysia, Penang: Chinese	5	**0.4**	*0.17*	0.06	*0.03*	0	-	-	–	-
*Malaysia, Penang: Indian	1	**0.3**	*0.26*	0.02	*0.02*	1	**0.3**	*0.29*	0.03	*0.03*
*Malaysia, Penang: Malay	2	**0.2**	*0.18*	0.02	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
*Philippines, Manila	14	**0.2**	*0.05*	0.01	*0.01*	11	**0.1**	*0.04*	0.01	*0.00*
*Philippines, Rizal	17	**0.2**	*0.06*	0.03	*0.01*	11	**0.1**	*0.04*	0.01	*0.01*
Qatar: Qatari	0	-	-	–	-	0	-	-	–	-
*Saudi Arabia, Riyadh: Saudi	1	**0.0**	*0.03*	0.01	*0.01*	0	-	-	–	-
Singapore	16	**0.2**	*0.04*	0.02	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
Singapore: Chinese	14	**0.2**	*0.05*	0.03	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
Singapore: Indian	2	**0.4**	*0.29*	0.06	*0.04*	1	**0.2**	*0.22*	0.03	*0.03*
Singapore: Malay	0	-	-	–	-	0	-	-	–	-
Thailand, Bangkok	29	**0.2**	*0.04*	0.03	*0.01*	6	**0.0**	*0.01*	0.00	*0.00*
Thailand, Chiang Mai	9	**0.2**	*0.07*	0.03	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Thailand, Chonburi	6	**0.2**	*0.10*	0.03	*0.01*	2	**0.1**	*0.04*	0.01	*0.00*
*Thailand, Khon Kaen	3	**0.1**	*0.05*	0.00	*0.00*	0	-	-	–	-
Thailand, Lampang	3	**0.1**	*0.09*	0.01	*0.01*	0	-	-	–	-
*Thailand, Songkhla	25	**1.0**	*0.20*	0.09	*0.03*	1	**0.0**	*0.03*	–	-
*Turkey, Antalya	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
*Turkey, Edirne	2	**0.2**	*0.16*	0.03	*0.02*	0	-	-	–	-
*Turkey, Izmir	20	**0.2**	*0.05*	0.03	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
*Turkey, Trabzon	1	**0.1**	*0.07*	0.02	*0.02*	0	-	-	–	-
Europe										
Austria	414	**1.4**	*0.07*	0.17	*0.01*	100	**0.3**	*0.03*	0.04	*0.00*
Austria, Tyrol	35	**1.5**	*0.26*	0.19	*0.03*	8	**0.3**	*0.11*	0.04	*0.01*
Austria, Vorarlberg	11	**0.9**	*0.27*	0.12	*0.04*	2	**0.2**	*0.12*	0.02	*0.01*
*Belarus	589	**2.0**	*0.09*	0.25	*0.01*	26	**0.1**	*0.01*	0.01	*0.00*
*Belgium	396	**1.3**	*0.07*	0.15	*0.01*	101	**0.3**	*0.03*	0.03	*0.00*
Bulgaria	163	**0.6**	*0.05*	0.07	*0.01*	20	**0.0**	*0.01*	0.01	*0.00*
Croatia	225	**1.4**	*0.09*	0.17	*0.01*	31	**0.1**	*0.03*	0.02	*0.00*
Cyprus	3	**0.1**	*0.07*	0.02	*0.01*	0	-	-	–	-
Czech Republic	358	**1.0**	*0.05*	0.11	*0.01*	67	**0.2**	*0.02*	0.02	*0.00*
Denmark	189	**0.9**	*0.07*	0.12	*0.01*	75	**0.3**	*0.04*	0.04	*0.01*
*Estonia	70	**1.6**	*0.20*	0.20	*0.03*	10	**0.2**	*0.05*	0.02	*0.01*
Finland	38	**0.2**	*0.03*	0.02	*0.00*	11	**0.1**	*0.02*	0.01	*0.00*
*France, Bas–Rhin	107	**3.0**	*0.29*	0.39	*0.04*	20	**0.5**	*0.12*	0.06	*0.01*
*France, Calvados	110	**4.9**	*0.48*	0.57	*0.06*	13	**0.5**	*0.14*	0.06	*0.02*
*France, Doubs	45	**2.4**	*0.37*	0.27	*0.05*	8	**0.4**	*0.15*	0.04	*0.02*
*France, Haut–Rhin	49	**1.8**	*0.27*	0.25	*0.04*	6	**0.2**	*0.09*	0.03	*0.01*
*France, Hérault	70	**2.0**	*0.25*	0.25	*0.03*	14	**0.4**	*0.10*	0.05	*0.01*
*France, Isère	90	**2.3**	*0.25*	0.30	*0.03*	7	**0.1**	*0.06*	0.02	*0.01*
*France, Loire–Atlantique	109	**2.5**	*0.25*	0.31	*0.03*	21	**0.5**	*0.11*	0.06	*0.01*
*France, Manche	59	**3.0**	*0.41*	0.35	*0.05*	2	**0.1**	*0.07*	0.01	*0.01*
*France, Somme	65	**3.4**	*0.43*	0.42	*0.06*	16	**0.7**	*0.19*	0.09	*0.03*
*France, Tarn	23	**1.7**	*0.37*	0.18	*0.04*	3	**0.2**	*0.10*	0.02	*0.01*
*France, Vendée	74	**3.2**	*0.39*	0.37	*0.05*	9	**0.4**	*0.13*	0.04	*0.01*
Germany, Brandenburg	259	**2.4**	*0.15*	0.28	*0.02*	30	**0.2**	*0.05*	0.03	*0.01*
Germany, Bremen	17	**0.5**	*0.14*	0.08	*0.02*	8	**0.3**	*0.11*	0.03	*0.01*
Germany, Free State of Saxony	366	**2.1**	*0.11*	0.24	*0.01*	67	**0.3**	*0.04*	0.04	*0.01*
Germany, Hamburg	165	**2.5**	*0.20*	0.32	*0.03*	68	**0.8**	*0.11*	0.11	*0.01*
Germany, Mecklenburg–Western Pomerania	222	**3.2**	*0.22*	0.36	*0.03*	38	**0.5**	*0.08*	0.05	*0.01*
Germany, Munich	98	**0.7**	*0.07*	0.08	*0.01*	33	**0.2**	*0.04*	0.02	*0.00*
Germany, North Rhine–Westphalia	208	**2.1**	*0.15*	0.26	*0.02*	56	**0.5**	*0.07*	0.06	*0.01*
Germany, Saarland	93	**2.3**	*0.24*	0.27	*0.03*	24	**0.5**	*0.11*	0.06	*0.01*
Germany, Schleswig–Holstein	170	**1.4**	*0.11*	0.18	*0.01*	57	**0.5**	*0.07*	0.05	*0.01*
Iceland	0	-	-	–	-	1	**0.1**	*0.09*	0.02	*0.02*
Ireland	32	**0.3**	*0.05*	0.03	*0.01*	11	**0.1**	*0.03*	0.01	*0.00*
Italy, Biella	9	**1.2**	*0.40*	0.13	*0.05*	1	**0.0**	*0.03*	–	-
Italy, Brescia	42	**1.2**	*0.19*	0.14	*0.02*	7	**0.2**	*0.08*	0.02	*0.01*
Italy, Catania and Messina	10	**0.2**	*0.08*	0.04	*0.01*	0	-	-	–	-
Italy, Catanzaro	2	**0.3**	*0.21*	0.02	*0.02*	0	-	-	–	-
Italy, Como	34	**1.6**	*0.27*	0.19	*0.03*	14	**0.6**	*0.18*	0.06	*0.02*
Italy, Ferrara	9	**0.5**	*0.17*	0.06	*0.02*	2	**0.1**	*0.07*	0.02	*0.01*
Italy, Florence and Prato	12	**0.4**	*0.12*	0.05	*0.02*	7	**0.3**	*0.10*	0.03	*0.01*
Italy, Friuli–Venezia Giulia	40	**0.7**	*0.12*	0.09	*0.02*	7	**0.1**	*0.05*	0.01	*0.01*
Italy, Genoa	14	**0.4**	*0.11*	0.07	*0.02*	9	**0.3**	*0.09*	0.03	*0.01*
Italy, Latina	10	**0.5**	*0.15*	0.05	*0.02*	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Lecco	9	**0.6**	*0.22*	0.06	*0.02*	3	**0.2**	*0.13*	0.02	*0.01*
Italy, Lombardy, South	25	**1.3**	*0.28*	0.17	*0.04*	5	**0.3**	*0.14*	0.03	*0.01*
Italy, Mantua	5	**0.4**	*0.19*	0.07	*0.03*	0	-	-	–	-
Italy, Milan	37	**0.8**	*0.13*	0.11	*0.02*	15	**0.3**	*0.08*	0.03	*0.01*
Italy, Modena	11	**0.4**	*0.12*	0.04	*0.01*	1	**0.0**	*0.01*	–	-
Italy, Naples	0	-	-	–	-	0	-	-	–	-
Italy, Nuoro	15	**1.7**	*0.45*	0.19	*0.05*	0	-	-	–	-
Italy, Palermo	17	**0.5**	*0.12*	0.06	*0.02*	4	**0.0**	*0.02*	0.00	*0.00*
Italy, Parma	7	**0.4**	*0.15*	0.05	*0.02*	2	**0.1**	*0.10*	0.01	*0.01*
Italy, Ragusa	2	**0.2**	*0.15*	0.02	*0.02*	0	-	-	–	-
Italy, Reggio Emilia	10	**0.5**	*0.17*	0.07	*0.02*	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Romagna	11	**0.2**	*0.06*	0.02	*0.01*	4	**0.1**	*0.04*	0.01	*0.00*
Italy, Salerno	11	**0.3**	*0.08*	0.03	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Italy, Sassari	13	**0.7**	*0.20*	0.08	*0.02*	0	-	-	–	-
Italy, Sondrio	5	**0.7**	*0.31*	0.10	*0.05*	0	-	-	–	-
Italy, South Tyrol	14	**0.9**	*0.25*	0.09	*0.03*	2	**0.1**	*0.10*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other oropharynx (C10) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	1	**0.1**	*0.06*	0.01	*0.01*	1	**0.1**	*0.09*	0.01	*0.01*
Italy, Trapani	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Trento	24	**1.5**	*0.33*	0.17	*0.04*	5	**0.3**	*0.14*	0.03	*0.02*
Italy, Turin	37	**1.0**	*0.16*	0.11	*0.02*	8	**0.1**	*0.06*	0.02	*0.01*
Italy, Umbria	12	**0.3**	*0.08*	0.03	*0.01*	0	**-**	-	–	-
Italy, Varese	36	**1.0**	*0.18*	0.12	*0.02*	5	**0.1**	*0.04*	0.02	*0.01*
Italy, Veneto	23	**0.3**	*0.07*	0.04	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
Latvia	36	**0.6**	*0.10*	0.08	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
Lithuania	246	**2.5**	*0.16*	0.30	*0.02*	25	**0.2**	*0.04*	0.02	*0.00*
Malta	4	**0.3**	*0.13*	0.03	*0.02*	1	**0.1**	*0.05*	0.01	*0.01*
*The Netherlands	418	**0.7**	*0.03*	0.08	*0.00*	180	**0.3**	*0.02*	0.03	*0.00*
*The Netherlands, Eindhoven	29	**0.8**	*0.14*	0.09	*0.02*	10	**0.3**	*0.09*	0.04	*0.01*
Norway	68	**0.4**	*0.05*	0.05	*0.01*	21	**0.1**	*0.03*	0.02	*0.00*
Poland, Cracow	16	**0.8**	*0.19*	0.09	*0.02*	4	**0.2**	*0.10*	0.02	*0.01*
Poland, Kielce	50	**1.1**	*0.16*	0.14	*0.02*	7	**0.1**	*0.05*	0.01	*0.01*
Poland, Lower Silesia	28	**0.3**	*0.06*	0.03	*0.01*	6	**0.0**	*0.02*	0.00	*0.00*
Poland, Podkarpackie	40	**0.6**	*0.10*	0.08	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
Portugal, Azores	9	**1.3**	*0.45*	0.14	*0.05*	0	**-**	-	–	-
Russian Federation, Saint Petersburg	282	**2.0**	*0.12*	0.25	*0.02*	50	**0.2**	*0.03*	0.02	*0.00*
*Serbia, Central	78	**0.4**	*0.04*	0.04	*0.01*	32	**0.1**	*0.03*	0.01	*0.00*
Slovakia	409	**2.5**	*0.12*	0.29	*0.02*	32	**0.2**	*0.03*	0.02	*0.00*
Slovenia	196	**2.7**	*0.19*	0.31	*0.02*	25	**0.3**	*0.06*	0.04	*0.01*
Spain, Albacete	6	**0.5**	*0.19*	0.06	*0.02*	2	**0.0**	*0.03*	–	-
Spain, Asturias	84	**2.0**	*0.22*	0.24	*0.03*	6	**0.2**	*0.07*	0.01	*0.01*
Spain, Basque Country	119	**1.4**	*0.13*	0.17	*0.02*	6	**0.1**	*0.03*	0.01	*0.00*
Spain, Canary Islands	59	**1.4**	*0.19*	0.19	*0.03*	3	**0.1**	*0.04*	0.00	*0.00*
Spain, Ciudad Real	12	**1.0**	*0.28*	0.12	*0.04*	0	**-**	-	–	-
Spain, Cuenca	3	**0.3**	*0.20*	0.04	*0.03*	1	**0.0**	*0.03*	–	-
Spain, Girona	19	**0.8**	*0.18*	0.10	*0.03*	2	**0.0**	*0.02*	–	-
*Spain, Granada	15	**0.5**	*0.13*	0.07	*0.02*	1	**0.0**	*0.04*	0.00	*0.00*
Spain, La Rioja	5	**0.5**	*0.23*	0.05	*0.02*	0	**-**	-	–	-
Spain, Mallorca	25	**1.0**	*0.21*	0.12	*0.03*	4	**0.1**	*0.07*	0.02	*0.01*
Spain, Murcia	14	**0.3**	*0.09*	0.04	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
Spain, Navarra	35	**1.6**	*0.28*	0.19	*0.03*	2	**0.1**	*0.07*	0.01	*0.01*
Spain, Tarragona	36	**1.4**	*0.24*	0.17	*0.03*	3	**0.1**	*0.07*	0.02	*0.01*
*Sweden	572	**1.6**	*0.07*	0.19	*0.01*	201	**0.6**	*0.04*	0.06	*0.00*
Switzerland, Basel	17	**0.9**	*0.24*	0.11	*0.03*	4	**0.2**	*0.11*	0.03	*0.02*
Switzerland, Geneva	29	**1.8**	*0.34*	0.22	*0.04*	9	**0.5**	*0.18*	0.08	*0.03*
Switzerland, Graubünden and Glarus	7	**0.8**	*0.32*	0.11	*0.04*	0	**-**	-	–	-
Switzerland, Neuchâtel	6	**1.0**	*0.40*	0.12	*0.05*	1	**0.1**	*0.10*	0.03	*0.03*
Switzerland, St Gall–Appenzell	21	**1.1**	*0.24*	0.14	*0.03*	11	**0.5**	*0.15*	0.05	*0.02*
Switzerland, Ticino	17	**1.3**	*0.32*	0.16	*0.04*	5	**0.4**	*0.16*	0.05	*0.02*
Switzerland, Valais	11	**1.0**	*0.30*	0.14	*0.04*	4	**0.3**	*0.15*	0.06	*0.03*
Switzerland, Vaud	36	**1.5**	*0.25*	0.19	*0.04*	18	**0.7**	*0.17*	0.08	*0.02*
Switzerland, Zurich	65	**1.4**	*0.18*	0.17	*0.02*	30	**0.5**	*0.10*	0.07	*0.01*
Ukraine	1994	**1.4**	*0.03*	0.17	*0.00*	159	**0.1**	*0.01*	0.01	*0.00*
UK, England	605	**0.3**	*0.01*	0.04	*0.00*	215	**0.1**	*0.01*	0.01	*0.00*
UK, England, East of England Region	42	**0.2**	*0.03*	0.02	*0.00*	12	**0.0**	*0.01*	0.01	*0.00*
UK, England, North Western	159	**0.7**	*0.05*	0.08	*0.01*	51	**0.2**	*0.03*	0.02	*0.00*
UK, England, Northern and Yorkshire	73	**0.3**	*0.03*	0.04	*0.00*	27	**0.1**	*0.02*	0.01	*0.00*
UK, England, Oxford Region	13	**0.1**	*0.04*	0.02	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
UK, England, South and Western Regions	64	**0.2**	*0.03*	0.03	*0.00*	23	**0.1**	*0.01*	0.01	*0.00*
UK, England, Thames	123	**0.3**	*0.03*	0.04	*0.00*	46	**0.1**	*0.02*	0.01	*0.00*
UK, England, Trent	32	**0.3**	*0.06*	0.03	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
UK, England, West Midlands	75	**0.4**	*0.04*	0.04	*0.01*	26	**0.1**	*0.03*	0.01	*0.00*
UK, Northern Ireland	16	**0.3**	*0.07*	0.03	*0.01*	6	**0.1**	*0.04*	0.01	*0.01*
UK, Scotland	89	**0.5**	*0.05*	0.06	*0.01*	39	**0.2**	*0.03*	0.02	*0.00*
UK, Wales	29	**0.2**	*0.05*	0.03	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
Oceania										
Australian Capital Territory	3	**0.3**	*0.20*	0.05	*0.03*	1	**0.0**	*0.04*	–	-
Australia, New South Wales	85	**0.3**	*0.04*	0.04	*0.01*	22	**0.1**	*0.02*	0.01	*0.00*
Australia, Northern Territory	7	**1.1**	*0.44*	0.12	*0.05*	2	**0.3**	*0.23*	0.03	*0.02*
Australia, Northern Territory: Indigenous	4	**4.3**	*2.33*	0.48	*0.28*	2	**1.4**	*1.00*	0.12	*0.08*
Australia, Northern Territory: Non–Indigenous	3	**0.6**	*0.35*	0.07	*0.04*	0	**-**	-	–	-
Australia, Queensland	58	**0.4**	*0.06*	0.05	*0.01*	17	**0.1**	*0.03*	0.01	*0.00*
South Australia	19	**0.3**	*0.08*	0.04	*0.01*	5	**0.1**	*0.03*	0.01	*0.01*
Australia, Tasmania	8	**0.4**	*0.16*	0.06	*0.02*	0	**-**	-	–	-
Australia, Victoria	58	**0.3**	*0.05*	0.04	*0.01*	14	**0.1**	*0.02*	0.01	*0.00*
Western Australia	18	**0.3**	*0.06*	0.04	*0.01*	8	**0.1**	*0.03*	0.01	*0.00*
New Zealand	25	**0.2**	*0.04*	0.03	*0.01*	10	**0.1**	*0.02*	0.01	*0.00*
New Zealand: Maori	8	**0.9**	*0.32*	0.13	*0.06*	0	**-**	-	–	-
New Zealand: Pacific Islander	1	**0.3**	*0.29*	0.05	*0.05*	0	**-**	-	–	-
New Zealand: Other	16	**0.1**	*0.03*	0.02	*0.01*	10	**0.1**	*0.02*	0.01	*0.00*
USA, Hawaii	21	**0.4**	*0.10*	0.05	*0.01*	5	**0.1**	*0.05*	0.02	*0.01*
*USA, Hawaii: Chinese	1	**0.3**	*0.34*	0.09	*0.09*	0	**-**	-	–	-
*USA, Hawaii: Filipino	3	**0.5**	*0.29*	0.05	*0.03*	0	**-**	-	–	-
*USA, Hawaii: Hawaiian	2	**0.3**	*0.20*	0.04	*0.03*	1	**0.2**	*0.17*	0.03	*0.03*
*USA, Hawaii: Japanese	3	**0.2**	*0.14*	0.02	*0.02*	1	**0.1**	*0.10*	0.01	*0.01*
*USA, Hawaii: White	12	**0.9**	*0.26*	0.08	*0.03*	3	**0.3**	*0.19*	0.05	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nasopharynx (C11)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	154	**5.7**	*0.49*	–	-	63	**2.2**	*0.29*	–	-
Egypt, Gharbiah	63	**0.8**	*0.10*	0.08	*0.01*	26	**0.3**	*0.06*	0.03	*0.01*
*Libya, Benghazi	42	**2.8**	*0.46*	0.31	*0.07*	25	**1.4**	*0.31*	0.16	*0.05*
*Malawi, Blantyre	5	**0.3**	*0.15*	0.02	*0.01*	4	**0.3**	*0.16*	0.03	*0.02*
*South Africa, PROMEC	1	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
*Tunisia, North	256	**3.5**	*0.22*	0.37	*0.03*	107	**1.5**	*0.15*	0.15	*0.02*
*Uganda, Kyadondo County	42	**2.2**	*0.48*	0.25	*0.07*	27	**1.6**	*0.38*	0.16	*0.04*
*Zimbabwe, Harare: African	12	**0.7**	*0.27*	0.09	*0.04*	6	**0.4**	*0.22*	0.03	*0.02*
America, Central and South										
Argentina, Bahía Blanca	3	**0.4**	*0.22*	0.02	*0.02*	1	**0.1**	*0.13*	0.01	*0.01*
Argentina, Córdoba	3	**0.1**	*0.07*	0.02	*0.01*	2	**0.1**	*0.05*	0.01	*0.01*
Argentina, Mendoza	14	**0.3**	*0.09*	0.04	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
*Argentina, Tierra del Fuego	2	**0.6**	*0.45*	0.05	*0.04*	1	**0.3**	*0.35*	0.02	*0.02*
Brazil, Aracaju	7	**0.8**	*0.31*	0.07	*0.03*	2	**0.2**	*0.14*	0.02	*0.01*
Brazil, Belo Horizonte	27	**1.0**	*0.19*	0.10	*0.02*	13	**0.3**	*0.10*	0.04	*0.01*
Brazil, Cuiabá	5	**0.5**	*0.22*	0.05	*0.03*	2	**0.2**	*0.14*	0.02	*0.02*
Brazil, Fortaleza	21	**0.6**	*0.13*	0.06	*0.02*	13	**0.3**	*0.08*	0.02	*0.01*
Brazil, Goiânia	39	**1.8**	*0.30*	0.19	*0.04*	22	**0.7**	*0.16*	0.08	*0.02*
*Brazil, São Paulo	202	**0.9**	*0.07*	0.10	*0.01*	87	**0.3**	*0.03*	0.03	*0.00*
Chile, Region of Antofagasta	2	**0.1**	*0.10*	0.02	*0.01*	0	**-**	-	–	-
Chile, Bío Bío Province	1	**0.1**	*0.07*	–	-	0	**-**	-	–	-
Chile, Valdivia	0	**-**	-	–	-	0	**-**	-	–	-
Colombia, Bucaramanga	8	**0.4**	*0.15*	0.05	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
Colombia, Cali	26	**0.6**	*0.13*	0.08	*0.02*	17	**0.3**	*0.08*	0.04	*0.01*
Colombia, Manizales	1	**0.1**	*0.11*	0.01	*0.01*	3	**0.3**	*0.15*	0.03	*0.02*
Colombia, Pasto	2	**0.2**	*0.16*	0.02	*0.02*	1	**0.1**	*0.12*	–	-
Costa Rica	97	**0.9**	*0.10*	0.09	*0.01*	36	**0.3**	*0.06*	0.03	*0.01*
Cuba, Villa Clara	13	**0.6**	*0.18*	0.06	*0.02*	5	**0.2**	*0.10*	0.03	*0.01*
Ecuador, Cuenca	0	**-**	-	–	-	0	**-**	-	–	-
Ecuador, Quito	6	**0.2**	*0.09*	0.03	*0.02*	1	**0.0**	*0.02*	0.00	*0.00*
*France, Martinique	11	**1.0**	*0.31*	0.10	*0.03*	3	**0.2**	*0.12*	0.03	*0.02*
*Jamaica, Kingston and St Andrew	15	**1.1**	*0.29*	0.12	*0.03*	10	**0.7**	*0.22*	0.10	*0.04*
USA, Puerto Rico	55	**0.5**	*0.06*	0.05	*0.01*	25	**0.2**	*0.04*	0.02	*0.00*
Uruguay	38	**0.7**	*0.11*	0.08	*0.01*	16	**0.2**	*0.06*	0.02	*0.01*
America, North										
Canada	762	**0.7**	*0.03*	0.08	*0.00*	361	**0.3**	*0.02*	0.03	*0.00*
Canada, Alberta	70	**0.7**	*0.08*	0.07	*0.01*	19	**0.2**	*0.04*	0.02	*0.01*
Canada, British Columbia	144	**0.9**	*0.08*	0.10	*0.01*	68	**0.5**	*0.06*	0.04	*0.01*
Canada, Manitoba	20	**0.5**	*0.11*	0.05	*0.01*	6	**0.2**	*0.07*	0.02	*0.01*
Canada, New Brunswick	23	**0.8**	*0.18*	0.10	*0.02*	8	**0.3**	*0.11*	0.04	*0.01*
Canada, Newfoundland and Labrador	17	**0.9**	*0.23*	0.09	*0.02*	8	**0.4**	*0.15*	0.05	*0.02*
*Canada, Northwest Territories	4	**4.1**	*2.22*	0.53	*0.32*	2	**2.4**	*1.82*	0.49	*0.42*
Canada, Nova Scotia	15	**0.5**	*0.12*	0.05	*0.01*	6	**0.1**	*0.05*	0.02	*0.01*
Canada, Ontario	324	**0.8**	*0.05*	0.08	*0.01*	158	**0.4**	*0.03*	0.04	*0.00*
Canada, Prince Edward Island	1	**0.2**	*0.20*	0.02	*0.02*	1	**0.1**	*0.10*	–	-
*Canada, Quebec	137	**0.5**	*0.05*	0.06	*0.01*	77	**0.3**	*0.03*	0.03	*0.00*
Canada, Saskatchewan	7	**0.2**	*0.08*	0.03	*0.01*	6	**0.1**	*0.06*	0.02	*0.01*
*Canada, Yukon	0	**-**	-	–	-	2	**2.3**	*1.67*	0.25	*0.19*
USA, NPCR (42 states)	5340	**0.6**	*0.01*	0.07	*0.00*	2324	**0.3**	*0.01*	0.03	*0.00*
USA, NPCR (42 states): American Indian	43	**0.7**	*0.10*	0.09	*0.01*	26	**0.4**	*0.07*	0.04	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	997	**2.9**	*0.09*	0.32	*0.01*	467	**1.2**	*0.06*	0.12	*0.01*
USA, NPCR (42 states): Black	759	**0.9**	*0.03*	0.09	*0.00*	320	**0.3**	*0.02*	0.03	*0.00*
USA, NPCR (42 states): White	3444	**0.5**	*0.01*	0.05	*0.00*	1465	**0.2**	*0.01*	0.02	*0.00*
USA, SEER (9 registries)	670	**0.8**	*0.03*	0.09	*0.00*	298	**0.3**	*0.02*	0.03	*0.00*
*USA, SEER (9 registries): Black	72	**0.9**	*0.10*	0.09	*0.01*	22	**0.2**	*0.05*	0.03	*0.01*
*USA, SEER (9 registries): White	300	**0.4**	*0.03*	0.05	*0.00*	145	**0.2**	*0.02*	0.02	*0.00*
USA, SEER (18 registries)	1857	**0.7**	*0.02*	0.08	*0.00*	843	**0.3**	*0.01*	0.03	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	648	**3.0**	*0.12*	0.33	*0.02*	292	**1.2**	*0.07*	0.12	*0.01*
*USA, SEER (18 registries): Black	236	**1.0**	*0.06*	0.10	*0.01*	95	**0.3**	*0.03*	0.03	*0.00*
*USA, SEER (18 registries): Hispanic White	133	**0.4**	*0.04*	0.05	*0.01*	62	**0.2**	*0.02*	0.02	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	807	**0.5**	*0.02*	0.05	*0.00*	368	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): White	940	**0.5**	*0.02*	0.05	*0.00*	430	**0.2**	*0.01*	0.02	*0.00*
USA, Alabama	96	**0.7**	*0.07*	0.08	*0.01*	37	**0.2**	*0.04*	0.02	*0.00*
USA, Alabama: Black	26	**0.9**	*0.18*	0.10	*0.02*	15	**0.4**	*0.11*	0.03	*0.01*
USA, Alabama: White	66	**0.6**	*0.07*	0.07	*0.01*	22	**0.2**	*0.04*	0.02	*0.00*
USA, Alaska	25	**1.4**	*0.28*	0.16	*0.04*	10	**0.5**	*0.17*	0.04	*0.02*
*USA, Alaska: American Indian	13	**6.0**	*1.68*	0.88	*0.26*	8	**2.8**	*1.05*	0.23	*0.11*
USA, Arizona	66	**0.4**	*0.04*	0.04	*0.01*	40	**0.2**	*0.04*	0.02	*0.00*
USA, Arizona: American Indian	4	**0.7**	*0.34*	0.07	*0.04*	2	**0.2**	*0.18*	0.02	*0.02*
USA, Arizona: Asian and Pacific Islander	4	**1.0**	*0.53*	0.11	*0.07*	3	**0.7**	*0.42*	0.09	*0.06*
USA, Arizona: Black	5	**0.9**	*0.41*	0.07	*0.04*	2	**0.4**	*0.25*	0.02	*0.01*
USA, Arizona: White	53	**0.3**	*0.04*	0.03	*0.01*	31	**0.2**	*0.04*	0.02	*0.00*
USA, Arkansas	48	**0.5**	*0.08*	0.05	*0.01*	21	**0.2**	*0.05*	0.03	*0.01*
USA, Arkansas: Black	9	**0.8**	*0.28*	0.07	*0.03*	3	**0.3**	*0.15*	0.03	*0.02*
USA, Arkansas: White	35	**0.5**	*0.08*	0.05	*0.01*	18	**0.2**	*0.06*	0.03	*0.01*
USA, California	933	**0.9**	*0.03*	0.10	*0.00*	424	**0.4**	*0.02*	0.04	*0.00*
USA, California: American Indian	2	**0.2**	*0.16*	0.03	*0.02*	2	**0.1**	*0.09*	0.01	*0.01*
USA, California: Asian and Pacific Islander	474	**3.4**	*0.16*	0.37	*0.02*	223	**1.4**	*0.09*	0.14	*0.01*
USA, California: Black	57	**0.8**	*0.11*	0.09	*0.01*	25	**0.3**	*0.07*	0.03	*0.01*
USA, California: White	388	**0.5**	*0.02*	0.05	*0.00*	167	**0.2**	*0.01*	0.02	*0.00*
USA, California, Los Angeles County	236	**0.9**	*0.06*	0.10	*0.01*	107	**0.3**	*0.03*	0.04	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	128	**3.1**	*0.27*	0.33	*0.03*	62	**1.2**	*0.16*	0.13	*0.02*
*USA, California, Los Angeles County: Black	23	**0.9**	*0.19*	0.10	*0.02*	10	**0.3**	*0.09*	0.03	*0.01*
*USA, California, Los Angeles County: Chinese	69	**5.9**	*0.72*	0.65	*0.09*	29	**1.9**	*0.37*	0.20	*0.05*
*USA, California, Los Angeles County: Filipino	29	**3.4**	*0.64*	0.35	*0.08*	16	**1.4**	*0.35*	0.15	*0.04*
*USA, California, Los Angeles County: Hispanic White	28	**0.3**	*0.06*	0.04	*0.01*	15	**0.1**	*0.04*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nasopharynx (C11) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	2	**0.3**	*0.26*	0.02	*0.02*	0	**-**	-	–	-
*USA, California, Los Angeles County: Korean	3	**0.6**	*0.33*	0.13	*0.07*	0	**-**	-	–	-
*USA, California, Los Angeles County: Non–Hispanic White	56	**0.5**	*0.08*	0.05	*0.01*	19	**0.1**	*0.04*	0.02	*0.01*
*USA, California, Los Angeles County: White	84	**0.4**	*0.05*	0.05	*0.01*	34	**0.1**	*0.03*	0.02	*0.00*
USA, California, San Francisco Bay Area	205	**1.5**	*0.11*	0.16	*0.01*	98	**0.7**	*0.08*	0.07	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	164	**5.5**	*0.43*	0.60	*0.05*	69	**2.1**	*0.26*	0.21	*0.03*
*USA, California, San Francisco Bay Area: Black	4	**0.3**	*0.15*	0.03	*0.02*	4	**0.3**	*0.17*	0.03	*0.02*
*USA, California, San Francisco Bay Area: Hispanic White	4	**0.2**	*0.13*	0.02	*0.01*	4	**0.3**	*0.15*	0.04	*0.02*
*USA, California, San Francisco Bay Area: Non–Hispanic White	32	**0.5**	*0.09*	0.04	*0.01*	19	**0.3**	*0.08*	0.03	*0.01*
*USA, California, San Francisco Bay Area: White	36	**0.4**	*0.07*	0.04	*0.01*	23	**0.3**	*0.06*	0.03	*0.01*
USA, Colorado	65	**0.5**	*0.06*	0.05	*0.01*	27	**0.2**	*0.04*	0.02	*0.01*
USA, Colorado: Asian and Pacific Islander	9	**2.2**	*0.75*	0.18	*0.06*	3	**0.6**	*0.37*	0.05	*0.04*
USA, Colorado: Black	5	**0.8**	*0.36*	0.08	*0.04*	0	**-**	-	–	-
USA, Colorado: White	51	**0.4**	*0.06*	0.05	*0.01*	23	**0.2**	*0.04*	0.02	*0.01*
USA, Connecticut	63	**0.6**	*0.07*	0.07	*0.01*	26	**0.2**	*0.04*	0.02	*0.01*
*USA, Connecticut: Black	7	**0.9**	*0.34*	0.14	*0.06*	1	**0.1**	*0.12*	0.01	*0.01*
*USA, Connecticut: White	48	**0.5**	*0.07*	0.05	*0.01*	24	**0.2**	*0.05*	0.02	*0.01*
USA, Delaware	18	**0.7**	*0.17*	0.07	*0.02*	7	**0.2**	*0.09*	0.02	*0.01*
USA, Delaware: Black	6	**1.4**	*0.56*	0.14	*0.07*	0	**-**	-	–	-
USA, Delaware: White	9	**0.4**	*0.13*	0.04	*0.02*	5	**0.2**	*0.11*	0.02	*0.01*
USA, Florida	436	**0.7**	*0.04*	0.08	*0.00*	188	**0.3**	*0.02*	0.03	*0.00*
USA, Florida: Asian and Pacific Islander	18	**1.5**	*0.36*	0.13	*0.03*	9	**0.7**	*0.23*	0.06	*0.03*
USA, Florida: Black	64	**1.0**	*0.12*	0.10	*0.01*	30	**0.3**	*0.07*	0.03	*0.01*
USA, Florida: White	340	**0.6**	*0.04*	0.07	*0.00*	147	**0.2**	*0.02*	0.03	*0.00*
USA, Georgia	172	**0.7**	*0.05*	0.07	*0.01*	77	**0.3**	*0.03*	0.03	*0.00*
USA, Georgia: Asian and Pacific Islander	10	**1.4**	*0.44*	0.14	*0.05*	10	**1.6**	*0.53*	0.23	*0.09*
USA, Georgia: Black	63	**1.0**	*0.13*	0.10	*0.02*	28	**0.4**	*0.07*	0.04	*0.01*
USA, Georgia: White	97	**0.5**	*0.05*	0.05	*0.01*	38	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia, Atlanta	64	**0.7**	*0.09*	0.08	*0.01*	23	**0.2**	*0.05*	0.04	*0.01*
*USA, Georgia, Atlanta: Black	32	**1.1**	*0.21*	0.12	*0.03*	7	**0.2**	*0.09*	0.04	*0.02*
*USA, Georgia, Atlanta: White	22	**0.4**	*0.08*	0.05	*0.01*	7	**0.1**	*0.05*	0.02	*0.01*
USA, Idaho	24	**0.6**	*0.11*	0.06	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
USA, Illinois	259	**0.6**	*0.04*	0.07	*0.01*	105	**0.2**	*0.02*	0.02	*0.00*
USA, Illinois: Asian and Pacific Islander	30	**1.9**	*0.36*	0.19	*0.04*	23	**1.4**	*0.29*	0.15	*0.03*
USA, Illinois: Black	49	**1.0**	*0.15*	0.11	*0.02*	14	**0.2**	*0.06*	0.02	*0.01*
USA, Illinois: White	175	**0.5**	*0.04*	0.06	*0.01*	61	**0.2**	*0.02*	0.02	*0.00*
USA, Indiana	97	**0.5**	*0.05*	0.05	*0.01*	46	**0.2**	*0.03*	0.02	*0.00*
USA, Indiana: Black	9	**0.7**	*0.24*	0.09	*0.04*	6	**0.4**	*0.16*	0.05	*0.02*
USA, Indiana: White	83	**0.5**	*0.05*	0.05	*0.01*	39	**0.2**	*0.03*	0.02	*0.00*
USA, Iowa	44	**0.4**	*0.07*	0.05	*0.01*	30	**0.3**	*0.06*	0.03	*0.01*
USA, Kentucky	79	**0.6**	*0.07*	0.06	*0.01*	36	**0.2**	*0.04*	0.02	*0.00*
USA, Louisiana	91	**0.9**	*0.09*	0.10	*0.01*	41	**0.3**	*0.06*	0.03	*0.01*
*USA, Louisiana: Black	43	**1.5**	*0.24*	0.16	*0.03*	10	**0.3**	*0.11*	0.02	*0.01*
*USA, Louisiana: White	43	**0.6**	*0.09*	0.07	*0.01*	30	**0.3**	*0.06*	0.03	*0.01*
*USA, Louisiana, New Orleans	22	**1.0**	*0.21*	0.10	*0.03*	7	**0.3**	*0.14*	0.02	*0.01*
*USA, Louisiana, New Orleans: Black	10	**1.4**	*0.46*	0.14	*0.06*	2	**0.3**	*0.24*	0.02	*0.01*
*USA, Louisiana, New Orleans: White	10	**0.6**	*0.21*	0.06	*0.03*	5	**0.2**	*0.10*	0.02	*0.01*
USA, Maine	21	**0.4**	*0.11*	0.04	*0.01*	6	**0.1**	*0.04*	0.01	*0.01*
USA, Massachusetts	148	**0.7**	*0.06*	0.07	*0.01*	74	**0.3**	*0.04*	0.03	*0.00*
USA, Massachusetts: Asian and Pacific Islander	31	**4.0**	*0.75*	0.45	*0.10*	24	**3.0**	*0.63*	0.36	*0.09*
USA, Massachusetts: Black	11	**1.1**	*0.34*	0.10	*0.04*	2	**0.1**	*0.10*	0.01	*0.01*
USA, Massachusetts: White	105	**0.5**	*0.06*	0.06	*0.01*	48	**0.2**	*0.03*	0.02	*0.00*
USA, Michigan	159	**0.5**	*0.04*	0.06	*0.01*	75	**0.2**	*0.02*	0.02	*0.00*
USA, Michigan: Asian and Pacific Islander	6	**1.2**	*0.52*	0.19	*0.09*	4	**0.6**	*0.31*	0.06	*0.03*
USA, Michigan: Black	31	**0.9**	*0.16*	0.09	*0.02*	11	**0.2**	*0.07*	0.03	*0.01*
USA, Michigan: White	120	**0.4**	*0.04*	0.05	*0.01*	60	**0.2**	*0.03*	0.02	*0.00*
USA, Michigan, Detroit	73	**0.6**	*0.07*	0.06	*0.01*	35	**0.2**	*0.04*	0.03	*0.01*
*USA, Michigan, Detroit: Black	20	**0.8**	*0.17*	0.08	*0.02*	7	**0.2**	*0.08*	0.03	*0.01*
*USA, Michigan, Detroit: White	50	**0.5**	*0.08*	0.05	*0.01*	28	**0.2**	*0.05*	0.03	*0.01*
USA, Mississippi	57	**0.6**	*0.09*	0.06	*0.01*	31	**0.3**	*0.06*	0.03	*0.01*
USA, Missouri	95	**0.5**	*0.06*	0.05	*0.01*	28	**0.1**	*0.03*	0.02	*0.00*
USA, Missouri: Black	18	**1.0**	*0.24*	0.08	*0.02*	7	**0.4**	*0.14*	0.04	*0.02*
USA, Missouri: White	69	**0.4**	*0.05*	0.04	*0.01*	21	**0.1**	*0.02*	0.01	*0.00*
USA, Montana	13	**0.4**	*0.13*	0.05	*0.02*	7	**0.2**	*0.08*	0.02	*0.01*
USA, Montana: American Indian	1	**0.6**	*0.56*	0.03	*0.03*	0	**-**	-	–	-
USA, Nebraska	23	**0.4**	*0.09*	0.04	*0.01*	15	**0.3**	*0.08*	0.03	*0.01*
USA, Nebraska: Black	4	**1.9**	*0.94*	0.17	*0.08*	1	**0.5**	*0.49*	0.05	*0.05*
USA, Nebraska: White	19	**0.3**	*0.08*	0.03	*0.01*	13	**0.2**	*0.08*	0.02	*0.01*
USA, New Hampshire	24	**0.6**	*0.12*	0.06	*0.01*	4	**0.1**	*0.04*	0.01	*0.00*
USA, New Jersey	168	**0.6**	*0.05*	0.06	*0.01*	78	**0.3**	*0.03*	0.03	*0.00*
*USA, New Jersey: Black	29	**0.9**	*0.18*	0.10	*0.02*	17	**0.4**	*0.09*	0.03	*0.01*
*USA, New Jersey: White	99	**0.4**	*0.04*	0.05	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
USA, New Mexico	33	**0.6**	*0.10*	0.06	*0.01*	13	**0.1**	*0.04*	0.01	*0.00*
*USA, New Mexico: Hispanic White	12	**0.6**	*0.17*	0.06	*0.02*	4	**0.1**	*0.05*	0.01	*0.01*
*USA, New Mexico: Non–Hispanic White	17	**0.5**	*0.14*	0.06	*0.02*	7	**0.1**	*0.06*	0.01	*0.01*
*USA, New Mexico: White	29	**0.6**	*0.11*	0.06	*0.01*	11	**0.1**	*0.04*	0.01	*0.00*
USA, New York State	498	**0.8**	*0.04*	0.09	*0.00*	247	**0.4**	*0.02*	0.04	*0.00*
USA, New York State: Asian and Pacific Islander	180	**4.3**	*0.33*	0.44	*0.04*	77	**1.8**	*0.20*	0.16	*0.02*
USA, New York State: Black	68	**0.8**	*0.10*	0.08	*0.01*	37	**0.3**	*0.06*	0.04	*0.01*
USA, New York State: White	234	**0.5**	*0.03*	0.06	*0.00*	129	**0.2**	*0.02*	0.03	*0.00*
USA, North Carolina	151	**0.6**	*0.05*	0.06	*0.01*	74	**0.3**	*0.03*	0.03	*0.00*
USA, North Carolina: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Asian and Pacific Islander	10	**2.2**	*0.74*	0.22	*0.09*	3	**0.6**	*0.39*	0.10	*0.08*
USA, North Carolina: Black	43	**0.8**	*0.13*	0.08	*0.01*	19	**0.3**	*0.08*	0.02	*0.01*
USA, North Carolina: White	96	**0.4**	*0.05*	0.05	*0.01*	52	**0.2**	*0.03*	0.02	*0.00*
USA, North Dakota	8	**0.4**	*0.14*	0.05	*0.02*	3	**0.1**	*0.05*	0.00	*0.00*
USA, Ohio	221	**0.6**	*0.04*	0.07	*0.01*	81	**0.2**	*0.02*	0.02	*0.00*
USA, Ohio: Asian and Pacific Islander	6	**1.1**	*0.48*	0.15	*0.09*	1	**0.2**	*0.18*	0.01	*0.01*
USA, Ohio: Black	41	**1.1**	*0.18*	0.12	*0.02*	10	**0.2**	*0.07*	0.02	*0.01*
USA, Ohio: White	173	**0.5**	*0.04*	0.06	*0.01*	67	**0.2**	*0.02*	0.02	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nasopharynx (C11) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	68	**0.6**	*0.07*	0.06	*0.01*	36	**0.3**	*0.05*	0.03	*0.01*
USA, Oklahoma: American Indian	3	**0.4**	*0.22*	0.06	*0.04*	6	**0.7**	*0.29*	0.07	*0.03*
USA, Oklahoma: Black	8	**1.2**	*0.43*	0.12	*0.05*	5	**0.6**	*0.28*	0.03	*0.02*
USA, Oklahoma: White	48	**0.5**	*0.07*	0.05	*0.01*	25	**0.2**	*0.04*	0.02	*0.01*
USA, Oregon	60	**0.5**	*0.07*	0.06	*0.01*	27	**0.2**	*0.04*	0.02	*0.01*
USA, Oregon: Asian and Pacific Islander	10	**2.5**	*0.82*	0.23	*0.08*	3	**0.7**	*0.41*	0.11	*0.07*
USA, Oregon: Black	1	**0.4**	*0.42*	0.02	*0.02*	0	**-**	-	–	-
USA, Oregon: White	46	**0.4**	*0.06*	0.05	*0.01*	24	**0.2**	*0.04*	0.02	*0.01*
USA, Pennsylvania	250	**0.6**	*0.04*	0.07	*0.00*	101	**0.2**	*0.03*	0.02	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	29	**3.6**	*0.68*	0.40	*0.09*	13	**1.5**	*0.43*	0.13	*0.04*
USA, Pennsylvania: Black	21	**0.6**	*0.13*	0.06	*0.01*	8	**0.2**	*0.07*	0.02	*0.01*
USA, Pennsylvania: White	195	**0.5**	*0.04*	0.06	*0.00*	75	**0.2**	*0.02*	0.02	*0.00*
USA, Rhode Island	21	**0.6**	*0.13*	0.06	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
USA, Rhode Island: Black	1	**0.5**	*0.46*	0.04	*0.04*	0	**-**	-	–	-
USA, Rhode Island: White	17	**0.5**	*0.13*	0.06	*0.02*	7	**0.2**	*0.07*	0.02	*0.01*
USA, South Carolina	97	**0.7**	*0.07*	0.07	*0.01*	40	**0.2**	*0.04*	0.03	*0.01*
USA, South Carolina: Black	36	**1.2**	*0.20*	0.12	*0.02*	8	**0.2**	*0.07*	0.03	*0.01*
USA, South Carolina: White	59	**0.6**	*0.07*	0.06	*0.01*	30	**0.2**	*0.05*	0.03	*0.01*
USA, South Dakota	11	**0.4**	*0.13*	0.05	*0.02*	4	**0.2**	*0.08*	0.03	*0.01*
USA, Tennessee	120	**0.6**	*0.06*	0.07	*0.01*	51	**0.2**	*0.04*	0.03	*0.00*
USA, Tennessee: Black	21	**0.9**	*0.21*	0.12	*0.03*	16	**0.5**	*0.14*	0.06	*0.02*
USA, Tennessee: White	92	**0.6**	*0.06*	0.06	*0.01*	34	**0.2**	*0.04*	0.02	*0.00*
USA, Texas	408	**0.6**	*0.03*	0.07	*0.00*	168	**0.2**	*0.02*	0.02	*0.00*
USA, Texas: Asian and Pacific Islander	19	**0.9**	*0.21*	0.09	*0.03*	10	**0.4**	*0.13*	0.04	*0.01*
USA, Texas: Black	61	**0.9**	*0.12*	0.11	*0.02*	34	**0.4**	*0.07*	0.04	*0.01*
USA, Texas: White	315	**0.6**	*0.03*	0.06	*0.00*	117	**0.2**	*0.02*	0.02	*0.00*
USA, Utah	14	**0.2**	*0.07*	0.03	*0.01*	17	**0.3**	*0.07*	0.03	*0.01*
USA, Vermont	8	**0.4**	*0.13*	0.05	*0.02*	4	**0.2**	*0.09*	0.02	*0.01*
USA, Virginia	127	**0.5**	*0.05*	0.06	*0.01*	49	**0.2**	*0.03*	0.02	*0.00*
USA, Virginia: Asian and Pacific Islander	18	**1.8**	*0.44*	0.19	*0.06*	4	**0.3**	*0.17*	0.04	*0.02*
USA, Virginia: Black	32	**0.8**	*0.14*	0.10	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
USA, Virginia: White	75	**0.4**	*0.05*	0.04	*0.01*	35	**0.2**	*0.03*	0.02	*0.00*
USA, Washington State	125	**0.6**	*0.06*	0.08	*0.01*	40	**0.2**	*0.03*	0.02	*0.00*
USA, Washington, Seattle	96	**0.7**	*0.07*	0.09	*0.01*	30	**0.2**	*0.04*	0.02	*0.00*
USA, West Virginia	49	**0.8**	*0.12*	0.09	*0.01*	13	**0.2**	*0.06*	0.02	*0.01*
USA, Wisconsin	91	**0.5**	*0.05*	0.05	*0.01*	32	**0.2**	*0.03*	0.02	*0.00*
USA, Wisconsin: Black	4	**0.6**	*0.31*	0.06	*0.04*	1	**0.1**	*0.11*	0.01	*0.01*
USA, Wisconsin: White	76	**0.4**	*0.05*	0.05	*0.01*	22	**0.1**	*0.02*	0.01	*0.00*
USA, Wyoming	2	**0.1**	*0.08*	0.02	*0.02*	8	**0.3**	*0.13*	0.03	*0.02*
Asia										
Bahrain: Bahraini	10	**1.3**	*0.45*	0.17	*0.07*	6	**0.8**	*0.34*	0.15	*0.07*
China, Beijing City	322	**1.2**	*0.07*	0.13	*0.01*	114	**0.4**	*0.04*	0.05	*0.00*
*China, Cixian County	14	**1.0**	*0.28*	0.11	*0.03*	7	**0.5**	*0.19*	0.06	*0.03*
China, Haining County	88	**4.3**	*0.48*	0.45	*0.05*	35	**1.6**	*0.28*	0.17	*0.03*
*China, Harbin City, Nangang District	39	**1.3**	*0.21*	0.15	*0.03*	27	**0.8**	*0.16*	0.11	*0.02*
China, Hong Kong	3425	**14.4**	*0.25*	1.51	*0.03*	1247	**4.9**	*0.14*	0.51	*0.02*
China, Jiashan County	63	**4.0**	*0.51*	0.45	*0.06*	22	**1.4**	*0.32*	0.13	*0.03*
China, Jiaxing City	45	**3.9**	*0.59*	0.44	*0.07*	21	**2.0**	*0.44*	0.19	*0.05*
China, Macao	246	**15.7**	*1.05*	1.66	*0.13*	104	**6.7**	*0.71*	0.78	*0.10*
China, Qidong County	76	**1.9**	*0.24*	0.19	*0.02*	38	**0.8**	*0.14*	0.09	*0.02*
*China, Shanghai City	953	**3.7**	*0.13*	0.40	*0.01*	363	**1.4**	*0.08*	0.15	*0.01*
*China, Wuhan City	538	**3.6**	*0.16*	0.41	*0.02*	207	**1.4**	*0.10*	0.15	*0.01*
*China, Yangcheng County	5	**0.4**	*0.19*	0.05	*0.02*	2	**0.2**	*0.17*	0.02	*0.02*
*China, Yanting County	27	**1.6**	*0.30*	0.23	*0.05*	22	**1.4**	*0.30*	0.14	*0.03*
*China, Zhongshan City	799	**26.8**	*0.97*	2.84	*0.11*	326	**10.7**	*0.61*	1.10	*0.07*
*India, Bangalore	26	**0.3**	*0.06*	0.03	*0.01*	15	**0.2**	*0.05*	0.02	*0.01*
*India; Barshi, Paranda, and Bhum	2	**0.1**	*0.08*	0.02	*0.01*	2	**0.2**	*0.11*	0.01	*0.01*
*India, Bhopal	11	**0.4**	*0.14*	0.06	*0.02*	2	**0.1**	*0.07*	0.01	*0.01*
*India, Chennai	76	**0.7**	*0.08*	0.08	*0.01*	41	**0.4**	*0.06*	0.04	*0.01*
*India, Dindigul, Ambilikkai	20	**0.4**	*0.09*	0.05	*0.01*	5	**0.1**	*0.04*	0.01	*0.00*
*India, Karunagappally	4	**0.4**	*0.18*	0.05	*0.03*	1	**0.1**	*0.09*	0.01	*0.01*
*India, Mizoram	82	**5.0**	*0.58*	0.57	*0.08*	43	**2.9**	*0.45*	0.34	*0.06*
*India, Mumbai	120	**0.4**	*0.04*	0.05	*0.01*	53	**0.2**	*0.03*	0.02	*0.00*
*India, New Delhi	170	**0.5**	*0.05*	0.06	*0.01*	76	**0.3**	*0.03*	0.03	*0.00*
*India, Poona	33	**0.4**	*0.07*	0.03	*0.01*	14	**0.2**	*0.04*	0.02	*0.01*
*India, Sikkim State	39	**3.6**	*0.61*	0.42	*0.08*	21	**2.1**	*0.50*	0.18	*0.05*
*India, Trivandrum	13	**0.8**	*0.21*	0.08	*0.03*	1	**0.0**	*0.04*	0.00	*0.00*
*Iran (Islamic Republic of), Golestan Province	11	**0.7**	*0.21*	0.08	*0.03*	11	**0.4**	*0.12*	0.03	*0.01*
Israel	165	**1.0**	*0.08*	0.10	*0.01*	61	**0.3**	*0.04*	0.03	*0.00*
*Israel: Jews	139	**1.0**	*0.09*	0.11	*0.01*	53	**0.3**	*0.05*	0.03	*0.00*
*Israel: Non–Jews	26	**1.0**	*0.22*	0.07	*0.02*	8	**0.4**	*0.13*	0.05	*0.02*
Japan, Aichi Prefecture	34	**0.7**	*0.12*	0.08	*0.01*	7	**0.2**	*0.08*	0.02	*0.01*
Japan, Fukui Prefecture	13	**0.5**	*0.14*	0.05	*0.01*	3	**0.1**	*0.08*	0.01	*0.01*
Japan, Hiroshima	21	**0.4**	*0.10*	0.05	*0.01*	6	**0.2**	*0.08*	0.01	*0.01*
Japan, Miyagi Prefecture	39	**0.4**	*0.06*	0.04	*0.01*	12	**0.1**	*0.04*	0.01	*0.00*
Japan, Nagasaki Prefecture	32	**0.5**	*0.11*	0.06	*0.01*	13	**0.1**	*0.05*	0.02	*0.01*
Japan, Niigata Prefecture	33	**0.3**	*0.07*	0.04	*0.01*	15	**0.2**	*0.07*	0.02	*0.01*
*Japan, Osaka Prefecture	165	**0.4**	*0.04*	0.05	*0.00*	60	**0.1**	*0.02*	0.02	*0.00*
Japan, Saga Prefecture	20	**0.6**	*0.14*	0.07	*0.02*	3	**0.1**	*0.04*	0.01	*0.00*
Republic of Korea	1315	**0.9**	*0.03*	0.11	*0.00*	466	**0.3**	*0.01*	0.03	*0.00*
Republic of Korea, Busan	100	**0.9**	*0.10*	0.11	*0.01*	44	**0.4**	*0.06*	0.04	*0.01*
Republic of Korea, Daegu	52	**0.7**	*0.10*	0.09	*0.01*	19	**0.2**	*0.06*	0.03	*0.01*
Republic of Korea, Daejeon	35	**0.9**	*0.15*	0.11	*0.02*	7	**0.1**	*0.06*	0.01	*0.01*
Republic of Korea, Gwangju	48	**1.3**	*0.19*	0.15	*0.03*	14	**0.3**	*0.09*	0.03	*0.01*
Republic of Korea, Incheon	60	**0.9**	*0.12*	0.10	*0.02*	23	**0.3**	*0.06*	0.03	*0.01*
Republic of Korea, Jejudo	15	**1.1**	*0.30*	0.14	*0.04*	7	**0.5**	*0.19*	0.06	*0.02*
Republic of Korea, Seoul	283	**1.0**	*0.06*	0.11	*0.01*	100	**0.3**	*0.03*	0.03	*0.00*
Republic of Korea, Ulsan	30	**1.0**	*0.19*	0.10	*0.02*	10	**0.3**	*0.11*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nasopharynx (C11) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	52	**0.7**	*0.13*	0.08	*0.02*	27	**0.8**	*0.19*	0.12	*0.04*
*Kuwait: Kuwaitis	30	**1.8**	*0.35*	0.19	*0.04*	15	**0.9**	*0.25*	0.12	*0.04*
*Kuwait: Non−Kuwaitis	22	**0.4**	*0.13*	0.05	*0.02*	12	**1.0**	*0.39*	0.17	*0.09*
*Malaysia, Penang	220	**8.5**	*0.59*	0.93	*0.08*	79	**2.9**	*0.33*	0.32	*0.04*
*Malaysia, Penang: Chinese	194	**12.9**	*0.93*	1.40	*0.11*	60	**4.0**	*0.51*	0.44	*0.06*
*Malaysia, Penang: Indian	3	**2.1**	*1.24*	0.36	*0.25*	4	**1.7**	*0.85*	0.17	*0.09*
*Malaysia, Penang: Malay	23	**2.9**	*0.64*	0.24	*0.08*	15	**1.5**	*0.41*	0.16	*0.05*
*Philippines, Manila	544	**5.5**	*0.26*	0.62	*0.04*	232	**2.0**	*0.14*	0.21	*0.02*
*Philippines, Rizal	528	**4.9**	*0.24*	0.55	*0.03*	273	**2.3**	*0.15*	0.25	*0.02*
Qatar: Qatari	5	**1.7**	*0.75*	0.26	*0.14*	4	**1.7**	*0.86*	0.30	*0.16*
*Saudi Arabia, Riyadh: Saudi	136	**2.2**	*0.20*	0.22	*0.03*	54	**1.0**	*0.15*	0.11	*0.02*
Singapore	1207	**10.9**	*0.32*	1.20	*0.04*	405	**3.5**	*0.18*	0.36	*0.02*
Singapore: Chinese	1108	**12.6**	*0.39*	1.37	*0.05*	383	**4.1**	*0.21*	0.42	*0.03*
Singapore: Indian	8	**1.1**	*0.39*	0.10	*0.04*	2	**0.3**	*0.21*	0.06	*0.05*
Singapore: Malay	84	**6.9**	*0.80*	0.79	*0.11*	17	**1.3**	*0.34*	0.14	*0.04*
Thailand, Bangkok	633	**4.1**	*0.17*	0.41	*0.02*	235	**1.2**	*0.08*	0.12	*0.01*
Thailand, Chiang Mai	148	**3.4**	*0.29*	0.39	*0.04*	67	**1.4**	*0.18*	0.16	*0.02*
Thailand, Chonburi	131	**4.6**	*0.41*	0.50	*0.05*	63	**1.8**	*0.23*	0.17	*0.02*
*Thailand, Khon Kaen	106	**2.3**	*0.23*	0.25	*0.03*	50	**1.0**	*0.14*	0.10	*0.02*
Thailand, Lampang	60	**2.4**	*0.32*	0.26	*0.04*	34	**1.4**	*0.24*	0.16	*0.03*
*Thailand, Songkhla	93	**3.5**	*0.37*	0.35	*0.04*	31	**1.0**	*0.19*	0.12	*0.02*
*Turkey, Antalya	64	**1.6**	*0.20*	0.17	*0.03*	23	**0.5**	*0.12*	0.06	*0.01*
*Turkey, Edirne	15	**1.5**	*0.40*	0.15	*0.04*	6	**0.6**	*0.26*	0.06	*0.03*
*Turkey, Izmir	144	**1.5**	*0.13*	0.16	*0.02*	71	**0.7**	*0.08*	0.07	*0.01*
*Turkey, Trabzon	19	**1.6**	*0.37*	0.17	*0.04*	7	**0.6**	*0.23*	0.06	*0.02*
Europe										
Austria	131	**0.5**	*0.04*	0.05	*0.00*	59	**0.2**	*0.03*	0.02	*0.00*
Austria, Tyrol	12	**0.5**	*0.14*	0.05	*0.02*	7	**0.3**	*0.12*	0.04	*0.02*
Austria, Vorarlberg	5	**0.4**	*0.20*	0.04	*0.02*	2	**0.2**	*0.12*	0.02	*0.01*
*Belarus	107	**0.4**	*0.04*	0.04	*0.00*	51	**0.1**	*0.02*	0.01	*0.00*
*Belgium	161	**0.6**	*0.05*	0.06	*0.01*	45	**0.1**	*0.02*	0.02	*0.00*
Bulgaria	244	**0.9**	*0.06*	0.10	*0.01*	111	**0.4**	*0.04*	0.04	*0.00*
Croatia	105	**0.7**	*0.07*	0.08	*0.01*	43	**0.2**	*0.03*	0.02	*0.00*
Cyprus	11	**0.5**	*0.14*	0.05	*0.02*	3	**0.1**	*0.07*	0.02	*0.01*
Czech Republic	187	**0.5**	*0.04*	0.06	*0.00*	78	**0.2**	*0.02*	0.02	*0.00*
Denmark	81	**0.4**	*0.05*	0.04	*0.01*	33	**0.2**	*0.03*	0.02	*0.00*
*Estonia	20	**0.5**	*0.11*	0.06	*0.01*	4	**0.1**	*0.04*	0.01	*0.00*
Finland	47	**0.2**	*0.04*	0.03	*0.00*	29	**0.1**	*0.03*	0.01	*0.00*
*France, Bas−Rhin	21	**0.6**	*0.13*	0.07	*0.02*	6	**0.2**	*0.07*	0.01	*0.01*
*France, Calvados	15	**0.8**	*0.21*	0.08	*0.02*	6	**0.2**	*0.10*	0.02	*0.01*
*France, Doubs	14	**0.8**	*0.22*	0.09	*0.03*	4	**0.1**	*0.08*	0.01	*0.01*
*France, Haut−Rhin	22	**0.9**	*0.21*	0.10	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
*France, Hérault	23	**0.8**	*0.16*	0.08	*0.02*	5	**0.1**	*0.07*	0.01	*0.01*
*France, Isère	20	**0.5**	*0.12*	0.06	*0.01*	13	**0.3**	*0.10*	0.04	*0.01*
*France, Loire−Atlantique	8	**0.2**	*0.07*	0.02	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
*France, Manche	5	**0.2**	*0.11*	0.04	*0.02*	3	**0.2**	*0.10*	0.02	*0.01*
*France, Somme	11	**0.6**	*0.20*	0.07	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
*France, Tarn	7	**0.8**	*0.33*	0.07	*0.03*	1	**0.1**	*0.09*	0.01	*0.01*
*France, Vendée	7	**0.3**	*0.14*	0.03	*0.01*	1	**0.0**	*0.05*	0.00	*0.00*
Germany, Brandenburg	48	**0.5**	*0.07*	0.05	*0.01*	16	**0.1**	*0.04*	0.01	*0.00*
Germany, Bremen	7	**0.3**	*0.10*	0.03	*0.01*	9	**0.4**	*0.13*	0.04	*0.01*
Germany, Free State of Saxony	67	**0.4**	*0.05*	0.04	*0.01*	25	**0.1**	*0.02*	0.01	*0.00*
Germany, Hamburg	40	**0.7**	*0.11*	0.07	*0.01*	17	**0.2**	*0.06*	0.03	*0.01*
Germany, Mecklenburg−Western Pomerania	33	**0.5**	*0.09*	0.06	*0.01*	14	**0.2**	*0.09*	0.02	*0.01*
Germany, Munich	46	**0.3**	*0.05*	0.04	*0.01*	22	**0.1**	*0.03*	0.01	*0.00*
Germany, North Rhine−Westphalia	38	**0.4**	*0.08*	0.05	*0.01*	17	**0.2**	*0.06*	0.02	*0.00*
Germany, Saarland	15	**0.4**	*0.10*	0.04	*0.01*	6	**0.1**	*0.04*	0.01	*0.00*
Germany, Schleswig−Holstein	41	**0.4**	*0.06*	0.04	*0.01*	20	**0.1**	*0.04*	0.02	*0.00*
Iceland	3	**0.4**	*0.23*	0.04	*0.03*	2	**0.3**	*0.18*	0.04	*0.03*
Ireland	54	**0.4**	*0.06*	0.04	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
Italy, Biella	9	**1.1**	*0.38*	0.14	*0.05*	2	**0.4**	*0.33*	0.04	*0.03*
Italy, Brescia	26	**0.8**	*0.18*	0.10	*0.02*	8	**0.2**	*0.07*	0.02	*0.01*
Italy, Catania and Messina	49	**1.5**	*0.22*	0.15	*0.02*	23	**0.6**	*0.14*	0.07	*0.01*
Italy, Catanzaro	8	**1.0**	*0.36*	0.13	*0.05*	1	**0.1**	*0.13*	0.02	*0.02*
Italy, Como	16	**0.8**	*0.22*	0.07	*0.02*	8	**0.4**	*0.14*	0.03	*0.01*
Italy, Ferrara	10	**1.0**	*0.39*	0.08	*0.03*	7	**0.4**	*0.18*	0.03	*0.02*
Italy, Florence and Prato	31	**1.1**	*0.23*	0.12	*0.02*	5	**0.1**	*0.06*	0.01	*0.01*
Italy, Friuli−Venezia Giulia	46	**1.1**	*0.17*	0.11	*0.02*	18	**0.4**	*0.12*	0.04	*0.01*
Italy, Genoa	23	**0.8**	*0.21*	0.08	*0.02*	9	**0.4**	*0.18*	0.04	*0.01*
Italy, Latina	15	**0.7**	*0.19*	0.08	*0.02*	5	**0.3**	*0.12*	0.03	*0.01*
Italy, Lecco	8	**0.7**	*0.24*	0.07	*0.03*	7	**0.6**	*0.25*	0.06	*0.02*
Italy, Lombardy, South	14	**0.9**	*0.24*	0.10	*0.03*	5	**0.3**	*0.14*	0.04	*0.02*
Italy, Mantua	3	**0.4**	*0.23*	0.04	*0.02*	1	**0.1**	*0.13*	0.01	*0.01*
Italy, Milan	37	**1.1**	*0.21*	0.11	*0.02*	13	**0.2**	*0.08*	0.02	*0.01*
Italy, Modena	17	**0.7**	*0.17*	0.08	*0.02*	8	**0.2**	*0.09*	0.03	*0.01*
Italy, Naples	14	**0.8**	*0.23*	0.10	*0.03*	8	**0.5**	*0.18*	0.03	*0.01*
Italy, Nuoro	5	**0.6**	*0.26*	0.07	*0.03*	4	**0.4**	*0.20*	0.04	*0.02*
Italy, Palermo	56	**1.8**	*0.25*	0.20	*0.03*	17	**0.6**	*0.14*	0.05	*0.01*
Italy, Parma	11	**0.5**	*0.15*	0.06	*0.02*	6	**0.3**	*0.13*	0.03	*0.01*
Italy, Ragusa	12	**1.1**	*0.34*	0.11	*0.03*	4	**0.4**	*0.23*	0.04	*0.02*
Italy, Reggio Emilia	18	**0.9**	*0.22*	0.09	*0.03*	5	**0.4**	*0.18*	0.04	*0.02*
Italy, Romagna	52	**0.9**	*0.14*	0.11	*0.02*	14	**0.3**	*0.09*	0.03	*0.01*
Italy, Salerno	47	**1.4**	*0.22*	0.13	*0.02*	11	**0.2**	*0.07*	0.03	*0.01*
Italy, Sassari	11	**0.6**	*0.20*	0.09	*0.03*	2	**0.1**	*0.06*	0.02	*0.01*
Italy, Sondrio	9	**1.2**	*0.42*	0.14	*0.05*	0	**-**	-	–	-
Italy, South Tyrol	7	**0.6**	*0.25*	0.05	*0.02*	2	**0.0**	*0.03*	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nasopharynx (C11) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	10	**0.6**	*0.21*	0.07	*0.03*	5	**0.5**	*0.22*	0.04	*0.02*
Italy, Trapani	22	**1.8**	*0.39*	0.20	*0.05*	7	**0.7**	*0.28*	0.07	*0.03*
Italy, Trento	12	**0.7**	*0.20*	0.07	*0.03*	5	**0.3**	*0.16*	0.03	*0.01*
Italy, Turin	34	**1.0**	*0.17*	0.11	*0.02*	9	**0.2**	*0.08*	0.02	*0.01*
Italy, Umbria	28	**0.9**	*0.19*	0.09	*0.02*	7	**0.1**	*0.07*	0.01	*0.01*
Italy, Varese	25	**0.9**	*0.18*	0.08	*0.02*	7	**0.2**	*0.08*	0.02	*0.01*
Italy, Veneto	31	**0.5**	*0.09*	0.05	*0.01*	15	**0.2**	*0.05*	0.02	*0.01*
Latvia	29	**0.5**	*0.09*	0.06	*0.01*	15	**0.2**	*0.05*	0.02	*0.01*
Lithuania	37	**0.4**	*0.06*	0.04	*0.01*	21	**0.2**	*0.04*	0.02	*0.00*
Malta	29	**2.2**	*0.41*	0.26	*0.05*	8	**0.5**	*0.18*	0.06	*0.02*
*The Netherlands	231	**0.4**	*0.03*	0.05	*0.00*	99	**0.2**	*0.02*	0.02	*0.00*
*The Netherlands, Eindhoven	17	**0.5**	*0.14*	0.05	*0.01*	7	**0.2**	*0.10*	0.02	*0.01*
Norway	46	**0.3**	*0.04*	0.03	*0.01*	24	**0.1**	*0.03*	0.02	*0.00*
Poland, Cracow	11	**0.5**	*0.16*	0.07	*0.02*	3	**0.1**	*0.07*	0.02	*0.01*
Poland, Kielce	25	**0.6**	*0.11*	0.08	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
Poland, Lower Silesia	68	**0.7**	*0.09*	0.07	*0.01*	24	**0.2**	*0.06*	0.02	*0.01*
Poland, Podkarpackie	32	**0.5**	*0.09*	0.05	*0.01*	7	**0.1**	*0.04*	0.01	*0.00*
Portugal, Azores	17	**2.5**	*0.61*	0.26	*0.07*	7	**1.0**	*0.38*	0.09	*0.04*
Russian Federation, Saint Petersburg	43	**0.3**	*0.05*	0.03	*0.01*	25	**0.1**	*0.02*	0.01	*0.00*
*Serbia, Central	133	**0.7**	*0.07*	0.07	*0.01*	63	**0.3**	*0.04*	0.03	*0.00*
Slovakia	120	**0.7**	*0.07*	0.09	*0.01*	33	**0.2**	*0.03*	0.02	*0.00*
Slovenia	29	**0.4**	*0.08*	0.04	*0.01*	15	**0.1**	*0.04*	0.02	*0.01*
Spain, Albacete	16	**1.3**	*0.36*	0.13	*0.04*	3	**0.1**	*0.04*	–	-
Spain, Asturias	52	**1.2**	*0.18*	0.13	*0.02*	20	**0.4**	*0.10*	0.04	*0.01*
Spain, Basque Country	107	**1.3**	*0.13*	0.15	*0.02*	43	**0.4**	*0.07*	0.05	*0.01*
Spain, Canary Islands	41	**1.0**	*0.17*	0.12	*0.02*	10	**0.2**	*0.07*	0.03	*0.01*
Spain, Ciudad Real	12	**0.8**	*0.25*	0.10	*0.03*	7	**0.2**	*0.11*	0.02	*0.01*
Spain, Cuenca	5	**0.6**	*0.29*	0.08	*0.04*	1	**0.0**	*0.03*	–	-
Spain, Girona	20	**0.9**	*0.22*	0.08	*0.02*	6	**0.3**	*0.12*	0.03	*0.01*
*Spain, Granada	38	**1.4**	*0.23*	0.17	*0.03*	4	**0.2**	*0.12*	0.01	*0.01*
Spain, La Rioja	7	**0.7**	*0.28*	0.09	*0.03*	2	**0.1**	*0.10*	0.01	*0.01*
Spain, Mallorca	31	**1.2**	*0.23*	0.13	*0.03*	5	**0.2**	*0.09*	0.02	*0.01*
Spain, Murcia	36	**0.9**	*0.15*	0.10	*0.02*	9	**0.2**	*0.08*	0.02	*0.01*
Spain, Navarra	21	**1.0**	*0.22*	0.12	*0.03*	7	**0.3**	*0.13*	0.04	*0.02*
Spain, Tarragona	23	**1.0**	*0.23*	0.11	*0.02*	1	**0.0**	*0.04*	0.01	*0.01*
*Sweden	105	**0.3**	*0.03*	0.03	*0.00*	48	**0.1**	*0.02*	0.01	*0.00*
Switzerland, Basel	9	**0.6**	*0.19*	0.07	*0.02*	2	**0.1**	*0.08*	0.02	*0.01*
Switzerland, Geneva	2	**0.2**	*0.15*	0.01	*0.01*	3	**0.2**	*0.11*	0.02	*0.01*
Switzerland, Graubünden and Glarus	4	**0.5**	*0.24*	0.08	*0.04*	1	**0.1**	*0.11*	0.02	*0.02*
Switzerland, Neuchâtel	2	**0.3**	*0.22*	0.02	*0.02*	1	**0.1**	*0.06*	–	-
Switzerland, St Gall–Appenzell	9	**0.5**	*0.17*	0.05	*0.02*	2	**0.1**	*0.07*	0.02	*0.01*
Switzerland, Ticino	10	**0.9**	*0.31*	0.09	*0.03*	6	**0.4**	*0.17*	0.03	*0.02*
Switzerland, Valais	8	**0.7**	*0.27*	0.08	*0.03*	3	**0.3**	*0.16*	0.04	*0.02*
Switzerland, Vaud	20	**1.0**	*0.23*	0.11	*0.03*	4	**0.2**	*0.10*	0.02	*0.01*
Switzerland, Zurich	27	**0.6**	*0.11*	0.06	*0.01*	8	**0.2**	*0.06*	0.02	*0.01*
Ukraine	677	**0.5**	*0.02*	0.05	*0.00*	406	**0.2**	*0.01*	0.02	*0.00*
UK, England	721	**0.4**	*0.02*	0.05	*0.00*	331	**0.2**	*0.01*	0.02	*0.00*
UK, England, East of England Region	77	**0.4**	*0.05*	0.05	*0.01*	38	**0.2**	*0.04*	0.02	*0.00*
UK, England, North Western	101	**0.4**	*0.05*	0.05	*0.01*	55	**0.2**	*0.03*	0.02	*0.00*
UK, England, Northern and Yorkshire	84	**0.4**	*0.04*	0.04	*0.00*	38	**0.1**	*0.03*	0.01	*0.00*
UK, England, Oxford Region	43	**0.5**	*0.07*	0.05	*0.01*	14	**0.2**	*0.04*	0.02	*0.00*
UK, England, South and Western Regions	78	**0.3**	*0.04*	0.03	*0.00*	54	**0.2**	*0.03*	0.02	*0.00*
UK, England, Thames	207	**0.6**	*0.04*	0.06	*0.00*	84	**0.2**	*0.03*	0.02	*0.00*
UK, England, Trent	38	**0.4**	*0.06*	0.04	*0.01*	13	**0.1**	*0.04*	0.01	*0.00*
UK, England, West Midlands	64	**0.4**	*0.05*	0.04	*0.00*	27	**0.1**	*0.03*	0.01	*0.00*
UK, Northern Ireland	31	**0.6**	*0.11*	0.06	*0.01*	11	**0.2**	*0.06*	0.02	*0.01*
UK, Scotland	67	**0.4**	*0.05*	0.04	*0.01*	34	**0.2**	*0.04*	0.02	*0.00*
UK, Wales	44	**0.5**	*0.08*	0.05	*0.01*	20	**0.2**	*0.05*	0.02	*0.01*
Oceania										
Australian Capital Territory	1	**0.1**	*0.10*	0.01	*0.01*	2	**0.2**	*0.11*	0.02	*0.01*
Australia, New South Wales	197	**0.9**	*0.06*	0.09	*0.01*	72	**0.3**	*0.04*	0.03	*0.00*
Australia, Northern Territory	7	**1.2**	*0.49*	0.16	*0.09*	4	**0.6**	*0.32*	0.06	*0.03*
Australia, Northern Territory: Indigenous	1	**0.5**	*0.51*	0.04	*0.04*	1	**0.5**	*0.52*	0.04	*0.04*
Australia, Northern Territory: Non–Indigenous	6	**1.4**	*0.59*	0.18	*0.10*	3	**0.6**	*0.36*	0.06	*0.03*
Australia, Queensland	58	**0.4**	*0.06*	0.05	*0.01*	24	**0.2**	*0.04*	0.02	*0.00*
South Australia	24	**0.5**	*0.11*	0.05	*0.01*	13	**0.3**	*0.09*	0.02	*0.01*
Australia, Tasmania	6	**0.5**	*0.21*	0.04	*0.02*	3	**0.2**	*0.17*	0.02	*0.01*
Australia, Victoria	109	**0.7**	*0.07*	0.08	*0.01*	43	**0.3**	*0.04*	0.03	*0.00*
Western Australia	32	**0.5**	*0.09*	0.05	*0.01*	6	**0.1**	*0.04*	0.01	*0.00*
New Zealand	92	**0.8**	*0.08*	0.09	*0.01*	49	**0.4**	*0.06*	0.03	*0.01*
New Zealand: Maori	17	**1.5**	*0.39*	0.21	*0.06*	2	**0.2**	*0.12*	0.02	*0.01*
New Zealand: Pacific Islander	20	**3.9**	*0.90*	0.41	*0.10*	10	**1.6**	*0.54*	0.19	*0.08*
New Zealand: Other	55	**0.5**	*0.07*	0.06	*0.01*	37	**0.3**	*0.06*	0.03	*0.01*
USA, Hawaii	78	**2.0**	*0.23*	0.23	*0.03*	26	**0.6**	*0.12*	0.07	*0.01*
*USA, Hawaii: Chinese	15	**7.6**	*2.04*	0.85	*0.24*	8	**3.4**	*1.21*	0.30	*0.11*
*USA, Hawaii: Filipino	24	**4.5**	*0.95*	0.58	*0.14*	5	**0.9**	*0.40*	0.12	*0.06*
*USA, Hawaii: Hawaiian	18	**3.0**	*0.73*	0.41	*0.12*	4	**0.6**	*0.28*	0.11	*0.06*
*USA, Hawaii: Japanese	4	**0.4**	*0.19*	0.06	*0.03*	3	**0.1**	*0.11*	0.01	*0.01*
*USA, Hawaii: White	6	**0.5**	*0.19*	0.04	*0.02*	3	**0.2**	*0.16*	0.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hypopharynx (C12-13)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	5	**0.2**	*0.09*	–	-	6	**0.2**	*0.07*	–	-
Egypt, Gharbiah	46	**0.6**	*0.10*	0.08	*0.02*	43	**0.6**	*0.09*	0.06	*0.01*
*Libya, Benghazi	2	**0.2**	*0.11*	–	-	1	**0.0**	*0.04*	0.00	*0.00*
*Malawi, Blantyre	0	**-**	-	–	-	0	**-**	-	–	-
*South Africa, PROMEC	2	**0.2**	*0.13*	0.02	*0.02*	0	**-**	-	–	-
*Tunisia, North	30	**0.4**	*0.08*	0.05	*0.01*	29	**0.4**	*0.08*	0.04	*0.01*
*Uganda, Kyadondo County	11	**1.3**	*0.41*	0.16	*0.05*	4	**0.3**	*0.18*	0.06	*0.04*
*Zimbabwe, Harare: African	2	**0.3**	*0.21*	0.02	*0.02*	2	**0.2**	*0.14*	0.02	*0.02*
America, Central and South										
Argentina, Bahía Blanca	4	**0.4**	*0.21*	0.05	*0.03*	1	**0.0**	*0.03*	–	-
Argentina, Córdoba	16	**0.6**	*0.16*	0.09	*0.02*	6	**0.2**	*0.07*	0.03	*0.01*
Argentina, Mendoza	6	**0.1**	*0.06*	0.02	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
*Argentina, Tierra del Fuego	1	**0.7**	*0.67*	–	-	0	**-**	-	–	-
Brazil, Aracaju	9	**1.4**	*0.49*	0.17	*0.06*	0	**-**	-	–	-
Brazil, Belo Horizonte	50	**1.9**	*0.27*	0.24	*0.04*	4	**0.1**	*0.05*	0.01	*0.01*
Brazil, Cuiabá	10	**1.3**	*0.44*	0.16	*0.06*	2	**0.1**	*0.09*	0.01	*0.01*
Brazil, Fortaleza	58	**2.1**	*0.28*	0.27	*0.04*	7	**0.2**	*0.06*	0.02	*0.01*
Brazil, Goiânia	67	**3.4**	*0.43*	0.44	*0.07*	8	**0.3**	*0.09*	0.02	*0.01*
*Brazil, São Paulo	336	**1.6**	*0.09*	0.20	*0.01*	56	**0.2**	*0.03*	0.02	*0.00*
Chile, Region of Antofagasta	3	**0.3**	*0.19*	0.05	*0.04*	1	**0.1**	*0.10*	0.02	*0.02*
Chile, Bío Bío Province	3	**0.3**	*0.18*	0.06	*0.03*	1	**0.1**	*0.10*	0.01	*0.01*
Chile, Valdivia	3	**0.3**	*0.20*	0.06	*0.04*	0	**-**	-	–	-
Colombia, Bucaramanga	7	**0.3**	*0.12*	0.03	*0.02*	1	**0.0**	*0.05*	0.01	*0.01*
Colombia, Cali	9	**0.2**	*0.07*	0.02	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Colombia, Manizales	1	**0.1**	*0.11*	0.01	*0.01*	1	**0.1**	*0.08*	0.02	*0.02*
Colombia, Pasto	0	**-**	-	–	-	0	**-**	-	–	-
Costa Rica	35	**0.4**	*0.07*	0.05	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
Cuba, Villa Clara	19	**0.8**	*0.19*	0.10	*0.03*	1	**0.0**	*0.05*	0.01	*0.01*
Ecuador, Cuenca	0	**-**	-	–	-	0	**-**	-	–	-
Ecuador, Quito	0	**-**	-	–	-	0	**-**	-	–	-
*France, Martinique	25	**2.0**	*0.41*	0.25	*0.06*	2	**0.1**	*0.10*	0.02	*0.01*
*Jamaica, Kingston and St Andrew	7	**0.6**	*0.22*	0.08	*0.03*	2	**0.1**	*0.09*	0.01	*0.01*
USA, Puerto Rico	154	**1.2**	*0.10*	0.14	*0.01*	6	**0.0**	*0.01*	0.00	*0.00*
Uruguay	92	**1.5**	*0.16*	0.19	*0.02*	8	**0.1**	*0.04*	0.01	*0.01*
America, North										
Canada	904	**0.7**	*0.03*	0.10	*0.00*	173	**0.1**	*0.01*	0.02	*0.00*
Canada, Alberta	71	**0.6**	*0.08*	0.08	*0.01*	21	**0.2**	*0.04*	0.02	*0.01*
Canada, British Columbia	130	**0.8**	*0.07*	0.09	*0.01*	28	**0.2**	*0.03*	0.02	*0.00*
Canada, Manitoba	39	**0.9**	*0.15*	0.12	*0.02*	10	**0.2**	*0.07*	0.04	*0.01*
Canada, New Brunswick	17	**0.6**	*0.14*	0.09	*0.03*	0	**-**	-	–	-
Canada, Newfoundland and Labrador	14	**0.7**	*0.19*	0.10	*0.03*	1	**0.1**	*0.06*	0.01	*0.01*
*Canada, Northwest Territories	3	**3.6**	*2.06*	0.45	*0.26*	0	**-**	-	–	-
Canada, Nova Scotia	30	**0.8**	*0.14*	0.11	*0.02*	10	**0.2**	*0.08*	0.02	*0.01*
Canada, Ontario	299	**0.7**	*0.04*	0.08	*0.01*	57	**0.1**	*0.02*	0.01	*0.00*
Canada, Prince Edward Island	5	**1.0**	*0.46*	0.12	*0.06*	0	**-**	-	–	-
*Canada, Quebec	264	**0.9**	*0.06*	0.12	*0.01*	42	**0.1**	*0.02*	0.02	*0.00*
Canada, Saskatchewan	31	**0.8**	*0.15*	0.11	*0.02*	4	**0.1**	*0.05*	0.01	*0.01*
*Canada, Yukon	1	**1.3**	*1.33*	0.33	*0.33*	0	**-**	-	–	-
USA, NPCR (42 states)	8029	**0.9**	*0.01*	0.12	*0.00*	2063	**0.2**	*0.00*	0.03	*0.00*
USA, NPCR (42 states): American Indian	57	**1.0**	*0.13*	0.12	*0.02*	10	**0.2**	*0.05*	0.02	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	88	**0.3**	*0.03*	0.03	*0.00*	12	**0.0**	*0.01*	0.00	*0.00*
USA, NPCR (42 states): Black	1457	**1.8**	*0.05*	0.23	*0.01*	295	**0.3**	*0.02*	0.03	*0.00*
USA, NPCR (42 states): White	6362	**0.8**	*0.01*	0.11	*0.00*	1729	**0.2**	*0.00*	0.03	*0.00*
USA, SEER (9 registries)	740	**0.8**	*0.03*	0.11	*0.00*	197	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (9 registries): Black	133	**1.8**	*0.16*	0.23	*0.02*	36	**0.4**	*0.06*	0.04	*0.01*
*USA, SEER (9 registries): White	557	**0.8**	*0.03*	0.10	*0.01*	155	**0.2**	*0.01*	0.02	*0.00*
USA, SEER (18 registries)	2190	**0.8**	*0.02*	0.11	*0.00*	561	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	86	**0.4**	*0.04*	0.04	*0.01*	16	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): Black	389	**1.8**	*0.09*	0.23	*0.01*	81	**0.3**	*0.03*	0.03	*0.00*
*USA, SEER (18 registries): Hispanic White	153	**0.6**	*0.05*	0.08	*0.01*	21	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	1547	**0.8**	*0.02*	0.11	*0.00*	437	**0.2**	*0.01*	0.03	*0.00*
*USA, SEER (18 registries): White	1700	**0.8**	*0.02*	0.10	*0.00*	458	**0.2**	*0.01*	0.02	*0.00*
USA, Alabama	199	**1.3**	*0.09*	0.18	*0.01*	53	**0.3**	*0.04*	0.03	*0.01*
USA, Alabama: Black	61	**2.3**	*0.30*	0.31	*0.04*	15	**0.4**	*0.11*	0.05	*0.02*
USA, Alabama: White	136	**1.1**	*0.09*	0.15	*0.01*	38	**0.2**	*0.04*	0.03	*0.01*
USA, Alaska	12	**0.6**	*0.19*	0.08	*0.03*	3	**0.1**	*0.08*	0.00	*0.00*
*USA, Alaska: American Indian	5	**2.1**	*0.97*	0.23	*0.13*	0	**-**	-	–	-
USA, Arizona	127	**0.6**	*0.06*	0.08	*0.01*	30	**0.1**	*0.03*	0.02	*0.00*
USA, Arizona: American Indian	5	**0.9**	*0.42*	0.09	*0.05*	1	**0.2**	*0.17*	0.02	*0.02*
USA, Arizona: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arizona: Black	6	**1.3**	*0.56*	0.17	*0.07*	0	**-**	-	–	-
USA, Arizona: White	116	**0.6**	*0.06*	0.08	*0.01*	29	**0.1**	*0.03*	0.02	*0.00*
USA, Arkansas	81	**0.8**	*0.09*	0.11	*0.01*	24	**0.2**	*0.05*	0.03	*0.01*
USA, Arkansas: Black	12	**1.3**	*0.37*	0.21	*0.07*	4	**0.3**	*0.14*	0.03	*0.01*
USA, Arkansas: White	69	**0.8**	*0.10*	0.10	*0.01*	20	**0.2**	*0.05*	0.03	*0.01*
USA, California	766	**0.7**	*0.03*	0.09	*0.00*	215	**0.2**	*0.01*	0.02	*0.00*
USA, California: American Indian	6	**0.6**	*0.27*	0.12	*0.05*	0	**-**	-	–	-
USA, California: Asian and Pacific Islander	45	**0.3**	*0.05*	0.03	*0.01*	5	**0.0**	*0.01*	0.00	*0.00*
USA, California: Black	76	**1.2**	*0.14*	0.16	*0.02*	19	**0.2**	*0.05*	0.03	*0.01*
USA, California: White	634	**0.7**	*0.03*	0.10	*0.00*	185	**0.2**	*0.01*	0.02	*0.00*
USA, California, Los Angeles County	178	**0.7**	*0.05*	0.09	*0.01*	47	**0.1**	*0.02*	0.02	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	14	**0.3**	*0.09*	0.03	*0.01*	2	**0.0**	*0.03*	0.01	*0.00*
*USA, California, Los Angeles County: Black	33	**1.2**	*0.22*	0.15	*0.03*	7	**0.2**	*0.07*	0.02	*0.01*
*USA, California, Los Angeles County: Chinese	5	**0.3**	*0.15*	0.04	*0.02*	1	**0.1**	*0.08*	0.01	*0.01*
*USA, California, Los Angeles County: Filipino	1	**0.1**	*0.09*	–	-	0	**-**	-	–	-
*USA, California, Los Angeles County: Hispanic White	46	**0.7**	*0.10*	0.09	*0.02*	10	**0.1**	*0.03*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hypopharynx (C12-13) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	3	**0.8**	*0.49*	0.07	*0.05*	0	**-**	-	–	-
*USA, California, Los Angeles County: Korean	3	**0.5**	*0.28*	0.05	*0.04*	0	**-**	-	–	-
*USA, California, Los Angeles County: Non–Hispanic White	85	**0.7**	*0.08*	0.09	*0.01*	27	**0.2**	*0.04*	0.03	*0.01*
*USA, California, Los Angeles County: White	131	**0.7**	*0.06*	0.09	*0.01*	37	**0.1**	*0.03*	0.02	*0.00*
USA, California, San Francisco Bay Area	108	**0.8**	*0.08*	0.10	*0.01*	34	**0.2**	*0.03*	0.02	*0.00*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	18	**0.5**	*0.13*	0.06	*0.02*	0	**-**	-	–	-
*USA, California, San Francisco Bay Area: Black	19	**1.7**	*0.39*	0.23	*0.06*	4	**0.2**	*0.12*	0.02	*0.01*
*USA, California, San Francisco Bay Area: Hispanic White	6	**0.5**	*0.20*	0.06	*0.03*	0	**-**	-	–	-
*USA, California, San Francisco Bay Area: Non–Hispanic White	65	**0.8**	*0.10*	0.11	*0.02*	30	**0.3**	*0.06*	0.03	*0.01*
*USA, California, San Francisco Bay Area: White	71	**0.7**	*0.09*	0.10	*0.02*	30	**0.2**	*0.05*	0.03	*0.01*
USA, Colorado	64	**0.4**	*0.06*	0.05	*0.01*	20	**0.1**	*0.03*	0.02	*0.00*
USA, Colorado: Asian and Pacific Islander	2	**0.8**	*0.59*	0.11	*0.11*	1	**0.4**	*0.36*	0.06	*0.06*
USA, Colorado: Black	4	**0.6**	*0.31*	0.06	*0.03*	0	**-**	-	–	-
USA, Colorado: White	57	**0.4**	*0.06*	0.05	*0.01*	19	**0.1**	*0.03*	0.02	*0.00*
USA, Connecticut	128	**1.1**	*0.10*	0.14	*0.01*	39	**0.3**	*0.04*	0.04	*0.01*
*USA, Connecticut: Black	19	**2.5**	*0.57*	0.28	*0.08*	3	**0.3**	*0.19*	0.06	*0.03*
*USA, Connecticut: White	109	**1.0**	*0.10*	0.13	*0.01*	35	**0.3**	*0.05*	0.04	*0.01*
USA, Delaware	40	**1.4**	*0.22*	0.18	*0.03*	7	**0.2**	*0.08*	0.02	*0.01*
USA, Delaware: Black	11	**2.9**	*0.89*	0.43	*0.14*	1	**0.2**	*0.17*	0.02	*0.02*
USA, Delaware: White	29	**1.1**	*0.22*	0.14	*0.03*	6	**0.2**	*0.09*	0.02	*0.01*
USA, Florida	758	**1.1**	*0.04*	0.14	*0.01*	233	**0.3**	*0.02*	0.04	*0.00*
USA, Florida: Asian and Pacific Islander	3	**0.3**	*0.14*	0.02	*0.01*	0	**-**	-	–	-
USA, Florida: Black	87	**1.4**	*0.15*	0.21	*0.02*	28	**0.3**	*0.07*	0.05	*0.01*
USA, Florida: White	663	**1.1**	*0.04*	0.14	*0.01*	204	**0.3**	*0.02*	0.04	*0.00*
USA, Georgia	296	**1.1**	*0.07*	0.14	*0.01*	68	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia: Asian and Pacific Islander	1	**0.1**	*0.14*	0.01	*0.01*	1	**0.1**	*0.12*	0.01	*0.01*
USA, Georgia: Black	109	**2.0**	*0.20*	0.26	*0.03*	19	**0.2**	*0.05*	0.02	*0.01*
USA, Georgia: White	185	**0.9**	*0.07*	0.12	*0.01*	48	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia, Atlanta	68	**0.8**	*0.11*	0.11	*0.02*	20	**0.2**	*0.04*	0.01	*0.00*
*USA, Georgia, Atlanta: Black	37	**1.8**	*0.31*	0.25	*0.05*	9	**0.2**	*0.07*	0.01	*0.01*
*USA, Georgia, Atlanta: White	30	**0.5**	*0.10*	0.07	*0.02*	10	**0.1**	*0.04*	0.01	*0.01*
USA, Idaho	23	**0.5**	*0.10*	0.06	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
USA, Illinois	438	**1.1**	*0.05*	0.14	*0.01*	106	**0.2**	*0.02*	0.03	*0.00*
USA, Illinois: Asian and Pacific Islander	6	**0.4**	*0.18*	0.06	*0.03*	0	**-**	-	–	-
USA, Illinois: Black	124	**2.8**	*0.25*	0.35	*0.03*	19	**0.3**	*0.07*	0.03	*0.01*
USA, Illinois: White	305	**0.9**	*0.05*	0.11	*0.01*	86	**0.2**	*0.03*	0.03	*0.00*
USA, Indiana	175	**0.8**	*0.07*	0.11	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
USA, Indiana: Black	24	**1.8**	*0.37*	0.24	*0.06*	8	**0.4**	*0.16*	0.04	*0.02*
USA, Indiana: White	150	**0.8**	*0.07*	0.10	*0.01*	38	**0.2**	*0.03*	0.02	*0.00*
USA, Iowa	84	**0.8**	*0.09*	0.10	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
USA, Kentucky	150	**1.0**	*0.08*	0.13	*0.01*	42	**0.2**	*0.04*	0.03	*0.01*
USA, Louisiana	162	**1.4**	*0.12*	0.19	*0.02*	32	**0.3**	*0.05*	0.04	*0.01*
*USA, Louisiana: Black	65	**2.5**	*0.32*	0.37	*0.05*	9	**0.3**	*0.10*	0.04	*0.01*
*USA, Louisiana: White	97	**1.1**	*0.12*	0.14	*0.02*	22	**0.2**	*0.05*	0.04	*0.01*
*USA, Louisiana, New Orleans	40	**1.8**	*0.29*	0.25	*0.05*	10	**0.4**	*0.12*	0.06	*0.02*
*USA, Louisiana, New Orleans: Black	17	**2.4**	*0.60*	0.37	*0.11*	2	**0.2**	*0.15*	0.04	*0.03*
*USA, Louisiana, New Orleans: White	23	**1.6**	*0.35*	0.20	*0.05*	7	**0.5**	*0.17*	0.07	*0.03*
USA, Maine	64	**1.2**	*0.16*	0.16	*0.02*	13	**0.2**	*0.07*	0.03	*0.01*
USA, Massachusetts	225	**1.0**	*0.07*	0.12	*0.01*	64	**0.2**	*0.03*	0.03	*0.00*
USA, Massachusetts: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Massachusetts: Black	15	**1.5**	*0.41*	0.16	*0.05*	7	**0.5**	*0.20*	0.07	*0.04*
USA, Massachusetts: White	208	**1.0**	*0.07*	0.13	*0.01*	56	**0.2**	*0.03*	0.03	*0.00*
USA, Michigan	329	**1.0**	*0.05*	0.12	*0.01*	87	**0.2**	*0.03*	0.03	*0.00*
USA, Michigan: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Michigan: Black	67	**1.9**	*0.24*	0.22	*0.03*	26	**0.6**	*0.13*	0.08	*0.02*
USA, Michigan: White	259	**0.8**	*0.05*	0.11	*0.01*	60	**0.2**	*0.02*	0.02	*0.00*
USA, Michigan, Detroit	150	**1.1**	*0.10*	0.14	*0.01*	45	**0.3**	*0.05*	0.04	*0.01*
*USA, Michigan, Detroit: Black	52	**2.0**	*0.29*	0.22	*0.04*	20	**0.6**	*0.15*	0.08	*0.02*
*USA, Michigan, Detroit: White	98	**1.0**	*0.10*	0.13	*0.02*	25	**0.2**	*0.04*	0.03	*0.01*
USA, Mississippi	133	**1.5**	*0.13*	0.17	*0.02*	22	**0.2**	*0.04*	0.02	*0.00*
USA, Missouri	202	**1.0**	*0.07*	0.12	*0.01*	34	**0.1**	*0.03*	0.02	*0.00*
USA, Missouri: Black	39	**2.5**	*0.41*	0.30	*0.06*	5	**0.2**	*0.11*	0.03	*0.02*
USA, Missouri: White	160	**0.9**	*0.07*	0.10	*0.01*	29	**0.1**	*0.03*	0.02	*0.00*
USA, Montana	22	**0.6**	*0.14*	0.09	*0.02*	5	**0.1**	*0.06*	0.02	*0.01*
USA, Montana: American Indian	3	**2.3**	*1.35*	0.18	*0.13*	0	**-**	-	–	-
USA, Nebraska	41	**0.7**	*0.12*	0.10	*0.02*	12	**0.2**	*0.07*	0.03	*0.01*
USA, Nebraska: Black	2	**1.3**	*0.97*	0.18	*0.14*	0	**-**	-	–	-
USA, Nebraska: White	38	**0.7**	*0.12*	0.10	*0.02*	12	**0.2**	*0.07*	0.03	*0.01*
USA, New Hampshire	37	**0.8**	*0.14*	0.10	*0.02*	16	**0.3**	*0.08*	0.05	*0.01*
USA, New Jersey	247	**0.8**	*0.06*	0.11	*0.01*	60	**0.2**	*0.02*	0.02	*0.00*
*USA, New Jersey: Black	54	**1.8**	*0.25*	0.24	*0.04*	8	**0.2**	*0.07*	0.03	*0.01*
*USA, New Jersey: White	185	**0.7**	*0.06*	0.09	*0.01*	48	**0.2**	*0.03*	0.02	*0.00*
USA, New Mexico	53	**0.9**	*0.12*	0.12	*0.02*	8	**0.1**	*0.04*	0.02	*0.01*
*USA, New Mexico: Hispanic White	18	**0.9**	*0.22*	0.12	*0.03*	0	**-**	-	–	-
*USA, New Mexico: Non–Hispanic White	33	**0.9**	*0.16*	0.13	*0.02*	8	**0.2**	*0.07*	0.03	*0.01*
*USA, New Mexico: White	51	**0.9**	*0.13*	0.13	*0.02*	8	**0.1**	*0.04*	0.02	*0.01*
USA, New York State	534	**0.8**	*0.04*	0.10	*0.01*	143	**0.2**	*0.02*	0.02	*0.00*
USA, New York State: Asian and Pacific Islander	10	**0.3**	*0.09*	0.04	*0.01*	2	**0.1**	*0.04*	0.01	*0.01*
USA, New York State: Black	111	**1.3**	*0.13*	0.17	*0.02*	26	**0.2**	*0.04*	0.02	*0.01*
USA, New York State: White	401	**0.7**	*0.04*	0.10	*0.01*	113	**0.2**	*0.02*	0.02	*0.00*
USA, North Carolina	323	**1.1**	*0.06*	0.15	*0.01*	95	**0.3**	*0.03*	0.04	*0.00*
USA, North Carolina: American Indian	2	**0.9**	*0.62*	0.15	*0.10*	1	**0.2**	*0.23*	–	-
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Black	117	**2.5**	*0.24*	0.32	*0.03*	15	**0.3**	*0.07*	0.03	*0.01*
USA, North Carolina: White	200	**0.9**	*0.06*	0.11	*0.01*	79	**0.3**	*0.04*	0.04	*0.00*
USA, North Dakota	5	**0.3**	*0.12*	0.04	*0.02*	2	**0.1**	*0.05*	0.01	*0.01*
USA, Ohio	318	**0.8**	*0.05*	0.10	*0.01*	90	**0.2**	*0.02*	0.02	*0.00*
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Ohio: Black	33	**0.9**	*0.17*	0.11	*0.02*	16	**0.4**	*0.09*	0.04	*0.01*
USA, Ohio: White	281	**0.8**	*0.05*	0.10	*0.01*	74	**0.2**	*0.02*	0.02	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hypopharynx (C12-13) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	111	**0.9**	*0.09*	0.12	*0.01*	22	**0.2**	*0.03*	0.02	*0.00*
USA, Oklahoma: American Indian	7	**0.9**	*0.34*	0.12	*0.06*	3	**0.4**	*0.22*	0.07	*0.04*
USA, Oklahoma: Black	6	**1.2**	*0.48*	0.17	*0.07*	1	**0.2**	*0.16*	0.03	*0.03*
USA, Oklahoma: White	97	**0.9**	*0.10*	0.12	*0.01*	18	**0.1**	*0.04*	0.01	*0.00*
USA, Oregon	69	**0.5**	*0.07*	0.07	*0.01*	40	**0.2**	*0.04*	0.03	*0.01*
USA, Oregon: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Oregon: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Oregon: White	65	**0.5**	*0.07*	0.07	*0.01*	38	**0.2**	*0.04*	0.03	*0.01*
USA, Pennsylvania	436	**0.9**	*0.05*	0.12	*0.01*	91	**0.2**	*0.02*	0.02	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	2	**0.4**	*0.26*	0.03	*0.03*	0	**-**	-	–	-
USA, Pennsylvania: Black	61	**2.0**	*0.26*	0.25	*0.04*	14	**0.3**	*0.08*	0.04	*0.01*
USA, Pennsylvania: White	366	**0.9**	*0.05*	0.11	*0.01*	77	**0.1**	*0.02*	0.02	*0.00*
USA, Rhode Island	46	**1.3**	*0.20*	0.17	*0.03*	7	**0.1**	*0.05*	0.02	*0.01*
USA, Rhode Island: Black	1	**1.0**	*1.04*	0.17	*0.17*	0	**-**	-	–	-
USA, Rhode Island: White	45	**1.3**	*0.20*	0.17	*0.03*	7	**0.1**	*0.05*	0.02	*0.01*
USA, South Carolina	207	**1.4**	*0.10*	0.17	*0.01*	40	**0.2**	*0.04*	0.03	*0.01*
USA, South Carolina: Black	84	**2.6**	*0.29*	0.32	*0.04*	7	**0.2**	*0.07*	0.02	*0.01*
USA, South Carolina: White	123	**1.1**	*0.10*	0.13	*0.01*	32	**0.2**	*0.04*	0.03	*0.01*
USA, South Dakota	14	**0.5**	*0.14*	0.06	*0.02*	7	**0.2**	*0.09*	0.03	*0.01*
USA, Tennessee	178	**0.9**	*0.06*	0.10	*0.01*	38	**0.2**	*0.03*	0.02	*0.00*
USA, Tennessee: Black	30	**1.2**	*0.22*	0.13	*0.03*	7	**0.2**	*0.07*	0.02	*0.01*
USA, Tennessee: White	147	**0.8**	*0.07*	0.10	*0.01*	31	**0.2**	*0.03*	0.02	*0.00*
USA, Texas	590	**0.9**	*0.04*	0.12	*0.01*	125	**0.2**	*0.01*	0.02	*0.00*
USA, Texas: Asian and Pacific Islander	5	**0.3**	*0.14*	0.02	*0.01*	2	**0.1**	*0.05*	0.00	*0.00*
USA, Texas: Black	89	**1.5**	*0.16*	0.19	*0.02*	18	**0.2**	*0.06*	0.03	*0.01*
USA, Texas: White	491	**0.9**	*0.04*	0.11	*0.01*	105	**0.2**	*0.02*	0.02	*0.00*
USA, Utah	21	**0.3**	*0.08*	0.04	*0.01*	4	**0.0**	*0.03*	0.01	*0.00*
USA, Vermont	21	**0.8**	*0.19*	0.11	*0.03*	6	**0.2**	*0.07*	0.01	*0.01*
USA, Virginia	289	**1.2**	*0.07*	0.16	*0.01*	69	**0.3**	*0.03*	0.03	*0.00*
USA, Virginia: Asian and Pacific Islander	2	**0.3**	*0.19*	0.06	*0.04*	0	**-**	-	–	-
USA, Virginia: Black	90	**2.5**	*0.27*	0.34	*0.04*	12	**0.3**	*0.07*	0.04	*0.01*
USA, Virginia: White	190	**1.0**	*0.07*	0.12	*0.01*	56	**0.3**	*0.04*	0.04	*0.01*
USA, Washington State	149	**0.7**	*0.06*	0.09	*0.01*	39	**0.2**	*0.03*	0.02	*0.00*
USA, Washington, Seattle	95	**0.7**	*0.07*	0.08	*0.01*	26	**0.2**	*0.03*	0.02	*0.01*
USA, West Virginia	80	**1.1**	*0.13*	0.14	*0.02*	14	**0.2**	*0.05*	0.02	*0.01*
USA, Wisconsin	220	**1.1**	*0.08*	0.14	*0.01*	64	**0.3**	*0.04*	0.04	*0.01*
USA, Wisconsin: Black	12	**1.9**	*0.55*	0.29	*0.10*	2	**0.3**	*0.20*	0.03	*0.02*
USA, Wisconsin: White	202	**1.1**	*0.08*	0.13	*0.01*	59	**0.3**	*0.04*	0.03	*0.01*
USA, Wyoming	5	**0.3**	*0.12*	0.03	*0.01*	4	**0.2**	*0.12*	0.03	*0.01*
Asia										
Bahrain: Bahraini	4	**0.6**	*0.30*	0.08	*0.05*	0	**-**	-	–	-
China, Beijing City	135	**0.4**	*0.04*	0.05	*0.01*	12	**0.0**	*0.01*	0.00	*0.00*
*China, Cixian County	8	**0.7**	*0.24*	0.10	*0.04*	1	**0.1**	*0.07*	0.01	*0.01*
China, Haining County	13	**0.7**	*0.20*	0.09	*0.03*	3	**0.1**	*0.07*	0.01	*0.01*
*China, Harbin City, Nangang District	8	**0.3**	*0.09*	0.03	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
China, Hong Kong	318	**1.3**	*0.08*	0.16	*0.01*	24	**0.1**	*0.02*	0.01	*0.00*
China, Jiashan County	6	**0.4**	*0.16*	0.05	*0.02*	0	**-**	-	–	-
China, Jiaxing City	2	**0.2**	*0.13*	0.03	*0.02*	0	**-**	-	–	-
China, Macao	11	**1.0**	*0.31*	0.13	*0.05*	0	**-**	-	–	-
China, Qidong County	0	**-**	-	–	-	1	**0.0**	*0.02*	0.00	*0.00*
*China, Shanghai City	52	**0.2**	*0.03*	0.02	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
*China, Wuhan City	33	**0.2**	*0.04*	0.03	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
*China, Yangcheng County	0	**-**	-	–	-	1	**0.1**	*0.12*	0.02	*0.02*
*China, Yanting County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Zhongshan City	53	**2.0**	*0.28*	0.21	*0.03*	1	**0.0**	*0.03*	0.01	*0.01*
*India, Bangalore	335	**4.8**	*0.27*	0.61	*0.04*	87	**1.2**	*0.13*	0.13	*0.02*
*India; Barshi, Paranda, and Bhum	36	**2.5**	*0.46*	0.33	*0.06*	7	**0.6**	*0.24*	0.09	*0.04*
*India, Bhopal	113	**5.6**	*0.53*	0.71	*0.08*	17	**0.9**	*0.21*	0.10	*0.03*
*India, Chennai	434	**4.4**	*0.21*	0.54	*0.03*	194	**1.9**	*0.14*	0.22	*0.02*
*India, Dindigul, Ambilikkai	103	**2.3**	*0.22*	0.28	*0.03*	36	**0.7**	*0.12*	0.07	*0.01*
*India, Karunagappally	29	**2.7**	*0.51*	0.39	*0.08*	1	**0.1**	*0.08*	0.01	*0.01*
*India, Mizoram	168	**10.1**	*0.80*	1.07	*0.10*	14	**0.9**	*0.24*	0.10	*0.03*
*India, Mumbai	770	**3.3**	*0.12*	0.40	*0.02*	231	**1.0**	*0.06*	0.11	*0.01*
*India, New Delhi	574	**2.5**	*0.11*	0.33	*0.02*	100	**0.4**	*0.05*	0.05	*0.01*
*India, Poona	130	**1.9**	*0.17*	0.22	*0.02*	47	**0.6**	*0.09*	0.07	*0.01*
*India, Sikkim State	30	**3.4**	*0.63*	0.45	*0.10*	8	**1.2**	*0.44*	0.15	*0.06*
*India, Trivandrum	45	**2.9**	*0.43*	0.40	*0.07*	8	**0.4**	*0.13*	0.04	*0.02*
*Iran (Islamic Republic of), Golestan Province	5	**0.3**	*0.13*	0.04	*0.02*	3	**0.1**	*0.08*	0.02	*0.02*
Israel	26	**0.1**	*0.03*	0.02	*0.00*	11	**0.1**	*0.02*	0.01	*0.00*
*Israel: Jews	23	**0.1**	*0.03*	0.02	*0.00*	11	**0.1**	*0.02*	0.01	*0.00*
*Israel: Non–Jews	3	**0.2**	*0.10*	0.01	*0.01*	0	**-**	-	–	-
Japan, Aichi Prefecture	67	**1.1**	*0.14*	0.14	*0.02*	3	**0.0**	*0.02*	0.00	*0.00*
Japan, Fukui Prefecture	29	**0.7**	*0.14*	0.10	*0.02*	6	**0.1**	*0.06*	0.02	*0.01*
Japan, Hiroshima	117	**2.3**	*0.22*	0.31	*0.03*	7	**0.1**	*0.05*	0.02	*0.01*
Japan, Miyagi Prefecture	184	**1.6**	*0.12*	0.22	*0.02*	22	**0.2**	*0.04*	0.02	*0.01*
Japan, Nagasaki Prefecture	169	**2.2**	*0.18*	0.27	*0.03*	10	**0.1**	*0.04*	0.01	*0.01*
Japan, Niigata Prefecture	209	**1.5**	*0.11*	0.20	*0.02*	37	**0.3**	*0.05*	0.03	*0.01*
*Japan, Osaka Prefecture	743	**1.7**	*0.06*	0.22	*0.01*	79	**0.2**	*0.02*	0.02	*0.00*
Japan, Saga Prefecture	56	**1.2**	*0.17*	0.16	*0.03*	7	**0.2**	*0.07*	0.02	*0.01*
Republic of Korea	1592	**1.3**	*0.03*	0.17	*0.01*	109	**0.1**	*0.01*	0.01	*0.00*
Republic of Korea, Busan	122	**1.3**	*0.12*	0.16	*0.02*	15	**0.1**	*0.03*	0.02	*0.00*
Republic of Korea, Daegu	85	**1.4**	*0.16*	0.19	*0.02*	3	**0.0**	*0.02*	0.01	*0.00*
Republic of Korea, Daejeon	27	**0.9**	*0.17*	0.11	*0.03*	3	**0.1**	*0.04*	0.01	*0.00*
Republic of Korea, Gwangju	48	**1.6**	*0.24*	0.21	*0.04*	3	**0.1**	*0.03*	0.00	*0.00*
Republic of Korea, Incheon	56	**1.0**	*0.14*	0.14	*0.02*	5	**0.1**	*0.03*	0.01	*0.00*
Republic of Korea, Jejudo	24	**2.0**	*0.42*	0.26	*0.06*	1	**0.1**	*0.08*	0.01	*0.01*
Republic of Korea, Seoul	211	**0.9**	*0.06*	0.11	*0.01*	11	**0.0**	*0.01*	0.00	*0.00*
Republic of Korea, Ulsan	16	**0.8**	*0.22*	0.11	*0.03*	1	**0.1**	*0.05*	0.00	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hypopharynx (C12-13) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	8	**0.1**	*0.03*	0.01	*0.00*	2	**0.1**	*0.07*	0.01	*0.01*
*Kuwait: Kuwaitis	0	**-**	-	–	-	1	**0.1**	*0.09*	0.02	*0.02*
*Kuwait: Non–Kuwaitis	8	**0.1**	*0.04*	0.01	*0.00*	1	**0.0**	*0.03*	0.00	*0.00*
*Malaysia, Penang	18	**0.9**	*0.22*	0.16	*0.04*	3	**0.1**	*0.06*	0.01	*0.00*
*Malaysia, Penang: Chinese	8	**0.6**	*0.21*	0.08	*0.04*	0	**-**	-	–	-
*Malaysia, Penang: Indian	7	**4.9**	*1.85*	1.14	*0.44*	3	**1.2**	*0.70*	0.05	*0.04*
*Malaysia, Penang: Malay	3	**0.6**	*0.32*	0.07	*0.05*	0	**-**	-	–	-
*Philippines, Manila	20	**0.3**	*0.07*	0.03	*0.01*	8	**0.1**	*0.03*	0.01	*0.01*
*Philippines, Rizal	21	**0.3**	*0.07*	0.04	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
Qatar: Qatari	1	**0.5**	*0.51*	0.09	*0.09*	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	5	**0.1**	*0.04*	0.01	*0.01*	13	**0.3**	*0.07*	0.02	*0.01*
Singapore	111	**1.2**	*0.11*	0.15	*0.02*	12	**0.1**	*0.03*	0.01	*0.00*
Singapore: Chinese	103	**1.4**	*0.14*	0.18	*0.02*	10	**0.1**	*0.03*	0.01	*0.00*
Singapore: Indian	7	**0.9**	*0.38*	0.10	*0.04*	1	**0.2**	*0.17*	0.04	*0.04*
Singapore: Malay	1	**0.1**	*0.09*	0.01	*0.01*	1	**0.1**	*0.11*	0.01	*0.01*
Thailand, Bangkok	109	**0.8**	*0.08*	0.09	*0.01*	15	**0.1**	*0.02*	0.01	*0.00*
Thailand, Chiang Mai	52	**1.1**	*0.15*	0.10	*0.02*	14	**0.3**	*0.08*	0.04	*0.01*
Thailand, Chonburi	45	**1.8**	*0.28*	0.25	*0.04*	7	**0.2**	*0.09*	0.02	*0.01*
*Thailand, Khon Kaen	30	**0.7**	*0.13*	0.08	*0.02*	3	**0.1**	*0.04*	0.01	*0.01*
Thailand, Lampang	14	**0.6**	*0.15*	0.06	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
*Thailand, Songkhla	65	**2.6**	*0.33*	0.32	*0.05*	6	**0.2**	*0.09*	0.04	*0.02*
*Turkey, Antalya	15	**0.4**	*0.10*	0.05	*0.02*	6	**0.1**	*0.06*	0.01	*0.01*
*Turkey, Edirne	3	**0.3**	*0.19*	0.03	*0.02*	2	**0.2**	*0.17*	0.02	*0.01*
*Turkey, Izmir	56	**0.6**	*0.08*	0.06	*0.01*	18	**0.2**	*0.04*	0.02	*0.00*
*Turkey, Trabzon	1	**0.1**	*0.07*	–	-	1	**0.1**	*0.09*	0.01	*0.01*
Europe										
Austria	644	**2.2**	*0.09*	0.27	*0.01*	87	**0.3**	*0.03*	0.03	*0.00*
Austria, Tyrol	47	**1.9**	*0.29*	0.23	*0.04*	9	**0.4**	*0.12*	0.05	*0.02*
Austria, Vorarlberg	14	**1.2**	*0.31*	0.16	*0.04*	3	**0.3**	*0.15*	0.03	*0.02*
*Belarus	963	**3.3**	*0.11*	0.42	*0.01*	16	**0.0**	*0.01*	0.00	*0.00*
*Belgium	812	**2.6**	*0.09*	0.32	*0.01*	126	**0.4**	*0.04*	0.04	*0.00*
Bulgaria	341	**1.2**	*0.07*	0.14	*0.01*	37	**0.1**	*0.02*	0.01	*0.00*
Croatia	654	**3.9**	*0.16*	0.49	*0.02*	50	**0.3**	*0.04*	0.03	*0.00*
Cyprus	3	**0.1**	*0.08*	0.01	*0.01*	3	**0.1**	*0.06*	0.01	*0.01*
Czech Republic	560	**1.5**	*0.07*	0.18	*0.01*	74	**0.2**	*0.02*	0.02	*0.00*
Denmark	323	**1.5**	*0.09*	0.19	*0.01*	80	**0.4**	*0.04*	0.05	*0.01*
*Estonia	90	**2.1**	*0.22*	0.26	*0.03*	2	**0.0**	*0.03*	0.00	*0.00*
Finland	102	**0.5**	*0.05*	0.06	*0.01*	22	**0.1**	*0.02*	0.01	*0.00*
*France, Bas–Rhin	211	**5.5**	*0.39*	0.73	*0.06*	14	**0.3**	*0.09*	0.04	*0.01*
*France, Calvados	179	**7.8**	*0.60*	0.97	*0.08*	11	**0.4**	*0.14*	0.03	*0.01*
*France, Doubs	78	**4.1**	*0.48*	0.56	*0.07*	8	**0.4**	*0.16*	0.06	*0.02*
*France, Haut–Rhin	93	**3.5**	*0.37*	0.47	*0.05*	5	**0.2**	*0.09*	0.03	*0.01*
*France, Hérault	127	**3.5**	*0.33*	0.40	*0.04*	28	**0.7**	*0.14*	0.08	*0.02*
*France, Isère	160	**3.8**	*0.31*	0.46	*0.04*	8	**0.2**	*0.06*	0.02	*0.01*
*France, Loire–Atlantique	301	**7.1**	*0.42*	0.91	*0.06*	16	**0.3**	*0.08*	0.04	*0.01*
*France, Manche	145	**7.6**	*0.67*	0.94	*0.09*	10	**0.4**	*0.14*	0.07	*0.02*
*France, Somme	146	**7.7**	*0.66*	0.98	*0.09*	13	**0.6**	*0.17*	0.09	*0.03*
*France, Tarn	44	**3.0**	*0.47*	0.34	*0.06*	4	**0.3**	*0.15*	0.03	*0.02*
*France, Vendée	120	**4.9**	*0.47*	0.59	*0.06*	8	**0.4**	*0.13*	0.05	*0.02*
Germany, Brandenburg	315	**3.0**	*0.18*	0.35	*0.02*	28	**0.2**	*0.05*	0.02	*0.01*
Germany, Bremen	79	**3.1**	*0.35*	0.37	*0.04*	9	**0.3**	*0.12*	0.04	*0.01*
Germany, Free State of Saxony	448	**2.6**	*0.12*	0.30	*0.01*	48	**0.2**	*0.04*	0.03	*0.00*
Germany, Hamburg	154	**2.4**	*0.19*	0.29	*0.02*	31	**0.4**	*0.08*	0.05	*0.01*
Germany, Mecklenburg–Western Pomerania	238	**3.3**	*0.22*	0.39	*0.03*	18	**0.2**	*0.06*	0.02	*0.01*
Germany, Munich	444	**3.0**	*0.15*	0.36	*0.02*	58	**0.3**	*0.05*	0.04	*0.01*
Germany, North Rhine–Westphalia	217	**2.2**	*0.15*	0.28	*0.02*	51	**0.5**	*0.07*	0.06	*0.01*
Germany, Saarland	140	**3.3**	*0.28*	0.39	*0.03*	32	**0.6**	*0.12*	0.07	*0.01*
Germany, Schleswig–Holstein	250	**2.1**	*0.14*	0.26	*0.02*	50	**0.4**	*0.06*	0.05	*0.01*
Iceland	2	**0.2**	*0.14*	0.02	*0.02*	0	**-**	-	–	-
Ireland	137	**1.1**	*0.09*	0.14	*0.01*	52	**0.3**	*0.05*	0.04	*0.01*
Italy, Biella	23	**2.9**	*0.63*	0.38	*0.08*	3	**0.4**	*0.23*	0.05	*0.03*
Italy, Brescia	61	**1.7**	*0.23*	0.21	*0.03*	12	**0.3**	*0.10*	0.03	*0.01*
Italy, Catania and Messina	17	**0.5**	*0.11*	0.06	*0.02*	6	**0.1**	*0.06*	0.02	*0.01*
Italy, Catanzaro	12	**1.2**	*0.37*	0.17	*0.05*	0	**-**	-	–	-
Italy, Como	41	**1.8**	*0.28*	0.24	*0.04*	9	**0.3**	*0.12*	0.04	*0.01*
Italy, Ferrara	20	**1.1**	*0.27*	0.12	*0.03*	2	**0.1**	*0.08*	0.02	*0.01*
Italy, Florence and Prato	13	**0.3**	*0.09*	0.03	*0.01*	6	**0.1**	*0.06*	0.02	*0.01*
Italy, Friuli–Venezia Giulia	143	**2.7**	*0.23*	0.34	*0.03*	11	**0.2**	*0.06*	0.02	*0.01*
Italy, Genoa	39	**1.1**	*0.19*	0.14	*0.03*	5	**0.1**	*0.07*	0.02	*0.01*
Italy, Latina	9	**0.4**	*0.15*	0.05	*0.02*	2	**0.1**	*0.05*	0.01	*0.01*
Italy, Lecco	9	**0.7**	*0.23*	0.09	*0.03*	3	**0.2**	*0.14*	0.03	*0.02*
Italy, Lombardy, South	30	**1.7**	*0.32*	0.20	*0.04*	4	**0.1**	*0.08*	0.01	*0.01*
Italy, Mantua	5	**0.5**	*0.22*	0.06	*0.03*	2	**0.3**	*0.20*	0.02	*0.02*
Italy, Milan	41	**0.9**	*0.15*	0.11	*0.02*	11	**0.2**	*0.07*	0.02	*0.01*
Italy, Modena	13	**0.4**	*0.13*	0.06	*0.02*	6	**0.2**	*0.10*	0.03	*0.01*
Italy, Naples	7	**0.4**	*0.16*	0.06	*0.02*	0	**-**	-	–	-
Italy, Nuoro	39	**4.3**	*0.69*	0.52	*0.09*	3	**0.3**	*0.18*	0.02	*0.02*
Italy, Palermo	22	**0.7**	*0.15*	0.09	*0.02*	4	**0.1**	*0.05*	0.01	*0.00*
Italy, Parma	18	**0.9**	*0.23*	0.14	*0.04*	3	**0.2**	*0.11*	0.02	*0.01*
Italy, Ragusa	4	**0.4**	*0.19*	0.03	*0.02*	1	**0.1**	*0.11*	0.01	*0.01*
Italy, Reggio Emilia	6	**0.3**	*0.14*	0.04	*0.02*	2	**0.1**	*0.07*	0.01	*0.01*
Italy, Romagna	24	**0.6**	*0.12*	0.07	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Italy, Salerno	15	**0.3**	*0.09*	0.05	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
Italy, Sassari	25	**1.4**	*0.28*	0.16	*0.04*	0	**-**	-	–	-
Italy, Sondrio	12	**1.7**	*0.50*	0.20	*0.06*	5	**0.8**	*0.35*	0.08	*0.04*
Italy, South Tyrol	49	**3.3**	*0.48*	0.42	*0.07*	4	**0.3**	*0.14*	0.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hypopharynx (C12-13) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	4	**0.3**	*0.15*	0.03	*0.02*	2	**0.1**	*0.09*	0.01	*0.01*
Italy, Trapani	1	**0.1**	*0.08*	0.01	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Trento	42	**2.7**	*0.42*	0.32	*0.05*	4	**0.3**	*0.13*	0.03	*0.02*
Italy, Turin	46	**1.1**	*0.18*	0.14	*0.02*	7	**0.1**	*0.06*	0.02	*0.01*
Italy, Umbria	24	**0.6**	*0.12*	0.08	*0.02*	4	**0.1**	*0.05*	0.01	*0.01*
Italy, Varese	71	**2.0**	*0.24*	0.25	*0.03*	8	**0.2**	*0.08*	0.02	*0.01*
Italy, Veneto	117	**1.5**	*0.14*	0.18	*0.02*	13	**0.2**	*0.05*	0.02	*0.01*
Latvia	159	**2.7**	*0.22*	0.35	*0.03*	9	**0.1**	*0.04*	0.01	*0.00*
Lithuania	289	**2.8**	*0.17*	0.35	*0.02*	11	**0.1**	*0.02*	0.01	*0.00*
Malta	6	**0.4**	*0.15*	0.03	*0.02*	0	**-**	-	–	-
*The Netherlands	722	**1.2**	*0.04*	0.15	*0.01*	197	**0.3**	*0.02*	0.04	*0.00*
*The Netherlands, Eindhoven	32	**0.8**	*0.14*	0.09	*0.02*	11	**0.3**	*0.09*	0.04	*0.01*
Norway	114	**0.6**	*0.06*	0.08	*0.01*	33	**0.2**	*0.03*	0.02	*0.00*
Poland, Cracow	7	**0.3**	*0.14*	0.04	*0.02*	11	**0.4**	*0.12*	0.05	*0.02*
Poland, Kielce	48	**1.1**	*0.16*	0.13	*0.02*	1	**0.0**	*0.02*	0.00	*0.00*
Poland, Lower Silesia	110	**1.1**	*0.11*	0.14	*0.02*	13	**0.1**	*0.03*	0.01	*0.00*
Poland, Podkarpackie	68	**1.1**	*0.14*	0.14	*0.02*	4	**0.0**	*0.03*	0.00	*0.00*
Portugal, Azores	30	**4.5**	*0.82*	0.58	*0.11*	0	**-**	-	–	-
Russian Federation, Saint Petersburg	432	**3.0**	*0.15*	0.38	*0.02*	31	**0.1**	*0.03*	0.02	*0.00*
*Serbia, Central	337	**1.6**	*0.09*	0.20	*0.01*	74	**0.3**	*0.04*	0.04	*0.00*
Slovakia	814	**4.9**	*0.17*	0.59	*0.02*	41	**0.2**	*0.03*	0.02	*0.00*
Slovenia	249	**3.3**	*0.21*	0.41	*0.03*	20	**0.2**	*0.05*	0.02	*0.01*
Spain, Albacete	23	**1.8**	*0.40*	0.24	*0.05*	0	**-**	-	–	-
Spain, Asturias	155	**3.5**	*0.29*	0.44	*0.04*	8	**0.2**	*0.07*	0.02	*0.01*
Spain, Basque Country	313	**3.8**	*0.22*	0.48	*0.03*	29	**0.4**	*0.07*	0.04	*0.01*
Spain, Canary Islands	135	**3.3**	*0.28*	0.41	*0.04*	8	**0.2**	*0.06*	0.02	*0.01*
Spain, Ciudad Real	10	**0.7**	*0.23*	0.08	*0.03*	0	**-**	-	–	-
Spain, Cuenca	9	**1.2**	*0.43*	0.16	*0.05*	2	**0.1**	*0.08*	0.03	*0.02*
Spain, Girona	55	**2.5**	*0.35*	0.31	*0.05*	6	**0.2**	*0.11*	0.02	*0.01*
*Spain, Granada	29	**1.0**	*0.20*	0.13	*0.03*	1	**0.0**	*0.04*	0.00	*0.00*
Spain, La Rioja	28	**2.5**	*0.50*	0.29	*0.06*	3	**0.3**	*0.17*	0.04	*0.02*
Spain, Mallorca	53	**2.1**	*0.30*	0.25	*0.04*	7	**0.2**	*0.10*	0.03	*0.01*
Spain, Murcia	58	**1.5**	*0.20*	0.18	*0.02*	2	**0.0**	*0.02*	0.00	*0.00*
Spain, Navarra	32	**1.6**	*0.28*	0.19	*0.04*	1	**0.1**	*0.06*	0.01	*0.01*
Spain, Tarragona	66	**2.7**	*0.34*	0.33	*0.04*	1	**0.0**	*0.01*	–	-
*Sweden	225	**0.5**	*0.04*	0.07	*0.01*	73	**0.2**	*0.02*	0.02	*0.00*
Switzerland, Basel	34	**1.9**	*0.33*	0.23	*0.04*	12	**0.6**	*0.19*	0.09	*0.03*
Switzerland, Geneva	63	**4.1**	*0.53*	0.53	*0.07*	7	**0.4**	*0.16*	0.06	*0.02*
Switzerland, Graubünden and Glarus	14	**1.5**	*0.42*	0.20	*0.06*	0	**-**	-	–	-
Switzerland, Neuchâtel	26	**4.3**	*0.85*	0.57	*0.12*	7	**1.0**	*0.39*	0.13	*0.05*
Switzerland, St Gall–Appenzell	36	**1.8**	*0.31*	0.22	*0.04*	5	**0.2**	*0.09*	0.02	*0.01*
Switzerland, Ticino	23	**1.7**	*0.36*	0.20	*0.05*	3	**0.2**	*0.11*	0.02	*0.01*
Switzerland, Valais	43	**4.1**	*0.63*	0.46	*0.07*	3	**0.2**	*0.15*	0.04	*0.02*
Switzerland, Vaud	110	**4.6**	*0.45*	0.56	*0.06*	8	**0.3**	*0.11*	0.05	*0.02*
Switzerland, Zurich	88	**1.8**	*0.19*	0.23	*0.03*	20	**0.4**	*0.09*	0.05	*0.01*
Ukraine	3474	**2.4**	*0.04*	0.29	*0.01*	139	**0.1**	*0.01*	0.01	*0.00*
UK, England	1355	**0.7**	*0.02*	0.08	*0.00*	459	**0.2**	*0.01*	0.02	*0.00*
UK, England, East of England Region	99	**0.4**	*0.04*	0.05	*0.01*	51	**0.2**	*0.03*	0.02	*0.00*
UK, England, North Western	261	**1.0**	*0.07*	0.13	*0.01*	76	**0.2**	*0.03*	0.03	*0.00*
UK, England, Northern and Yorkshire	245	**0.9**	*0.06*	0.12	*0.01*	62	**0.2**	*0.03*	0.03	*0.00*
UK, England, Oxford Region	47	**0.5**	*0.07*	0.05	*0.01*	22	**0.2**	*0.04*	0.02	*0.01*
UK, England, South and Western Regions	151	**0.5**	*0.04*	0.06	*0.01*	50	**0.1**	*0.02*	0.01	*0.00*
UK, England, Thames	242	**0.6**	*0.04*	0.08	*0.01*	81	**0.2**	*0.02*	0.02	*0.00*
UK, England, Trent	90	**0.7**	*0.08*	0.09	*0.01*	36	**0.2**	*0.04*	0.02	*0.01*
UK, England, West Midlands	161	**0.7**	*0.06*	0.09	*0.01*	54	**0.2**	*0.03*	0.02	*0.00*
UK, Northern Ireland	61	**0.9**	*0.13*	0.13	*0.02*	14	**0.2**	*0.06*	0.03	*0.01*
UK, Scotland	246	**1.2**	*0.08*	0.15	*0.01*	72	**0.3**	*0.04*	0.04	*0.01*
UK, Wales	98	**0.8**	*0.09*	0.10	*0.01*	39	**0.3**	*0.04*	0.03	*0.01*
Oceania										
Australian Capital Territory	3	**0.3**	*0.17*	0.03	*0.02*	1	**0.0**	*0.05*	–	-
Australia, New South Wales	197	**0.8**	*0.06*	0.12	*0.01*	33	**0.1**	*0.02*	0.01	*0.00*
Australia, Northern Territory	15	**2.9**	*0.77*	0.22	*0.07*	3	**0.6**	*0.35*	0.06	*0.04*
Australia, Northern Territory: Indigenous	9	**12.1**	*4.37*	0.64	*0.28*	3	**2.6**	*1.60*	0.28	*0.18*
Australia, Northern Territory: Non–Indigenous	6	**1.4**	*0.59*	0.15	*0.07*	0	**-**	-	–	-
Australia, Queensland	145	**1.0**	*0.09*	0.13	*0.01*	27	**0.2**	*0.04*	0.03	*0.01*
South Australia	30	**0.5**	*0.10*	0.06	*0.01*	3	**0.0**	*0.03*	0.00	*0.00*
Australia, Tasmania	9	**0.5**	*0.18*	0.06	*0.02*	3	**0.2**	*0.11*	0.02	*0.01*
Australia, Victoria	136	**0.7**	*0.07*	0.10	*0.01*	21	**0.1**	*0.02*	0.01	*0.00*
Western Australia	57	**0.8**	*0.11*	0.10	*0.02*	9	**0.1**	*0.04*	0.01	*0.00*
New Zealand	71	**0.5**	*0.06*	0.07	*0.01*	14	**0.1**	*0.02*	0.00	*0.00*
New Zealand: Maori	15	**1.6**	*0.42*	0.21	*0.06*	1	**0.1**	*0.11*	0.02	*0.02*
New Zealand: Pacific Islander	2	**0.5**	*0.35*	0.06	*0.05*	1	**0.2**	*0.19*	0.02	*0.02*
New Zealand: Other	54	**0.4**	*0.06*	0.06	*0.01*	12	**0.0**	*0.01*	0.00	*0.00*
USA, Hawaii	33	**0.7**	*0.13*	0.08	*0.02*	6	**0.1**	*0.04*	0.01	*0.01*
*USA, Hawaii: Chinese	1	**0.5**	*0.54*	0.07	*0.07*	0	**-**	-	–	-
*USA, Hawaii: Filipino	4	**0.4**	*0.22*	0.02	*0.02*	0	**-**	-	–	-
*USA, Hawaii: Hawaiian	6	**0.9**	*0.38*	0.12	*0.06*	0	**-**	-	–	-
*USA, Hawaii: Japanese	11	**0.9**	*0.29*	0.10	*0.04*	4	**0.3**	*0.16*	0.03	*0.02*
*USA, Hawaii: White	9	**0.7**	*0.24*	0.08	*0.03*	2	**0.1**	*0.08*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pharynx unspecified (C14)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	1	**0.0**	*0.05*	–	-	1	**0.0**	*0.04*	–	-
Egypt, Gharbiah	7	**0.1**	*0.03*	0.01	*0.00*	6	**0.1**	*0.03*	0.01	*0.00*
*Libya, Benghazi	1	**0.1**	*0.09*	0.01	*0.01*	2	**0.2**	*0.11*	0.02	*0.01*
*Malawi, Blantyre	2	**-**	-	–	-	0	**-**	-	–	-
*South Africa, PROMEC	0	**-**	-	–	-	2	**0.0**	*0.03*	–	-
*Tunisia, North	8	**0.1**	*0.05*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
*Uganda, Kyadondo County	2	**0.1**	*0.07*	0.01	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*
*Zimbabwe, Harare: African	3	**0.4**	*0.22*	0.05	*0.04*	2	**0.2**	*0.16*	0.00	*0.00*
America, Central and South										
Argentina, Bahía Blanca	2	**0.2**	*0.16*	0.04	*0.03*	1	**0.1**	*0.13*	0.01	*0.01*
Argentina, Córdoba	5	**0.2**	*0.09*	0.04	*0.02*	1	**0.0**	*0.01*	–	-
Argentina, Mendoza	9	**0.2**	*0.07*	0.03	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
*Argentina, Tierra del Fuego	0	**-**	-	–	-	0	**-**	-	–	-
Brazil, Aracaju	6	**1.0**	*0.41*	0.13	*0.07*	1	**0.1**	*0.09*	–	-
Brazil, Belo Horizonte	53	**2.0**	*0.27*	0.23	*0.04*	16	**0.4**	*0.11*	0.06	*0.02*
Brazil, Cuiabá	9	**1.1**	*0.39*	0.13	*0.05*	2	**0.1**	*0.10*	0.00	*0.00*
Brazil, Fortaleza	15	**0.5**	*0.14*	0.06	*0.02*	4	**0.1**	*0.05*	0.01	*0.01*
Brazil, Goiânia	1	**0.0**	*0.05*	–	-	1	**0.0**	*0.04*	0.01	*0.01*
*Brazil, São Paulo	274	**1.2**	*0.08*	0.15	*0.01*	90	**0.3**	*0.03*	0.03	*0.00*
Chile, Region of Antofagasta	4	**0.4**	*0.19*	0.05	*0.03*	0	**-**	-	–	-
Chile, Bío Bío Province	0	**-**	-	–	-	1	**0.1**	*0.12*	0.01	*0.01*
Chile, Valdivia	3	**0.4**	*0.21*	0.05	*0.03*	0	**-**	-	–	-
Colombia, Bucaramanga	8	**0.4**	*0.14*	0.04	*0.02*	4	**0.1**	*0.07*	0.02	*0.01*
Colombia, Cali	6	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.03*	0.00	*0.00*
Colombia, Manizales	5	**0.6**	*0.26*	0.09	*0.05*	0	**-**	-	–	-
Colombia, Pasto	0	**-**	-	–	-	0	**-**	-	–	-
Costa Rica	16	**0.2**	*0.04*	0.01	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
Cuba, Villa Clara	14	**0.6**	*0.17*	0.07	*0.02*	3	**0.1**	*0.09*	0.02	*0.01*
Ecuador, Cuenca	1	**0.1**	*0.13*	0.01	*0.01*	0	**-**	-	–	-
Ecuador, Quito	5	**0.1**	*0.07*	0.01	*0.01*	2	**0.1**	*0.05*	0.01	*0.01*
*France, Martinique	12	**0.9**	*0.27*	0.11	*0.04*	1	**0.0**	*0.02*	–	-
*Jamaica, Kingston and St Andrew	1	**0.1**	*0.09*	0.02	*0.02*	0	**-**	-	–	-
USA, Puerto Rico	92	**0.7**	*0.08*	0.09	*0.01*	17	**0.1**	*0.02*	0.01	*0.00*
Uruguay	25	**0.4**	*0.08*	0.05	*0.01*	6	**0.1**	*0.04*	0.01	*0.00*
America, North										
Canada	394	**0.3**	*0.02*	0.04	*0.00*	157	**0.1**	*0.01*	0.01	*0.00*
Canada, Alberta	12	**0.1**	*0.04*	0.01	*0.01*	5	**0.0**	*0.02*	0.01	*0.00*
Canada, British Columbia	24	**0.1**	*0.03*	0.02	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
Canada, Manitoba	4	**0.1**	*0.03*	0.01	*0.01*	1	**0.0**	*0.01*	–	-
Canada, New Brunswick	9	**0.3**	*0.11*	0.05	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
Canada, Newfoundland and Labrador	6	**0.4**	*0.16*	0.03	*0.01*	0	**-**	-	–	-
*Canada, Northwest Territories	0	**-**	-	–	-	0	**-**	-	–	-
Canada, Nova Scotia	14	**0.4**	*0.10*	0.05	*0.02*	1	**0.0**	*0.03*	0.00	*0.00*
Canada, Ontario	191	**0.4**	*0.03*	0.05	*0.00*	91	**0.2**	*0.02*	0.02	*0.00*
Canada, Prince Edward Island	2	**0.4**	*0.29*	0.07	*0.05*	0	**-**	-	–	-
*Canada, Quebec	125	**0.4**	*0.04*	0.05	*0.01*	46	**0.1**	*0.02*	0.01	*0.00*
Canada, Saskatchewan	7	**0.2**	*0.07*	0.02	*0.01*	5	**0.1**	*0.04*	0.00	*0.00*
*Canada, Yukon	0	**-**	-	–	-	0	**-**	-	–	-
USA, NPCR (42 states)	2662	**0.3**	*0.01*	0.04	*0.00*	992	**0.1**	*0.00*	0.01	*0.00*
USA, NPCR (42 states): American Indian	23	**0.4**	*0.08*	0.05	*0.01*	6	**0.1**	*0.02*	0.00	*0.00*
USA, NPCR (42 states): Asian and Pacific Islander	24	**0.1**	*0.02*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
USA, NPCR (42 states): Black	411	**0.5**	*0.03*	0.06	*0.00*	147	**0.1**	*0.01*	0.01	*0.00*
USA, NPCR (42 states): White	2188	**0.3**	*0.01*	0.03	*0.00*	823	**0.1**	*0.00*	0.01	*0.00*
USA, SEER (9 registries)	180	**0.2**	*0.02*	0.02	*0.00*	97	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (9 registries): Black	30	**0.4**	*0.07*	0.05	*0.01*	18	**0.2**	*0.04*	0.02	*0.01*
*USA, SEER (9 registries): White	145	**0.2**	*0.02*	0.02	*0.00*	74	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (18 registries)	602	**0.2**	*0.01*	0.03	*0.00*	258	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	16	**0.1**	*0.02*	0.01	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
*USA, SEER (18 registries): Black	86	**0.4**	*0.04*	0.05	*0.01*	42	**0.1**	*0.02*	0.02	*0.00*
*USA, SEER (18 registries): Hispanic White	38	**0.1**	*0.02*	0.02	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	455	**0.2**	*0.01*	0.03	*0.00*	194	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): White	493	**0.2**	*0.01*	0.03	*0.00*	207	**0.1**	*0.01*	0.01	*0.00*
USA, Alabama	76	**0.5**	*0.06*	0.06	*0.01*	18	**0.1**	*0.02*	0.01	*0.00*
USA, Alabama: Black	21	**0.7**	*0.16*	0.09	*0.02*	5	**0.1**	*0.05*	0.01	*0.01*
USA, Alabama: White	54	**0.4**	*0.06*	0.05	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
USA, Alaska	6	**0.3**	*0.12*	0.04	*0.02*	0	**-**	-	–	-
*USA, Alaska: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arizona	68	**0.3**	*0.04*	0.04	*0.01*	21	**0.1**	*0.02*	0.01	*0.00*
USA, Arizona: American Indian	5	**0.9**	*0.40*	0.11	*0.06*	0	**-**	-	–	-
USA, Arizona: Asian and Pacific Islander	1	**0.3**	*0.31*	–	-	0	**-**	-	–	-
USA, Arizona: Black	3	**0.7**	*0.39*	0.10	*0.06*	0	**-**	-	–	-
USA, Arizona: White	59	**0.3**	*0.04*	0.04	*0.01*	21	**0.1**	*0.02*	0.02	*0.00*
USA, Arkansas	23	**0.3**	*0.05*	0.03	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
USA, Arkansas: Black	2	**0.2**	*0.12*	0.02	*0.02*	2	**0.1**	*0.08*	0.01	*0.01*
USA, Arkansas: White	20	**0.3**	*0.06*	0.03	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
USA, California	217	**0.2**	*0.01*	0.02	*0.00*	106	**0.1**	*0.01*	0.01	*0.00*
USA, California: American Indian	2	**0.2**	*0.16*	0.04	*0.03*	1	**0.0**	*0.05*	–	-
USA, California: Asian and Pacific Islander	8	**0.1**	*0.02*	0.01	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
USA, California: Black	18	**0.3**	*0.07*	0.03	*0.01*	13	**0.2**	*0.05*	0.02	*0.01*
USA, California: White	185	**0.2**	*0.02*	0.03	*0.00*	90	**0.1**	*0.01*	0.01	*0.00*
USA, California, Los Angeles County	53	**0.2**	*0.03*	0.03	*0.00*	23	**0.1**	*0.02*	0.01	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	1	**0.0**	*0.03*	0.00	*0.00*	0	**-**	-	–	-
*USA, California, Los Angeles County: Black	10	**0.4**	*0.13*	0.04	*0.02*	6	**0.2**	*0.07*	0.02	*0.01*
*USA, California, Los Angeles County: Chinese	0	**-**	-	–	-	0	**-**	-	–	-
*USA, California, Los Angeles County: Filipino	0	**-**	-	–	-	0	**-**	-	–	-
*USA, California, Los Angeles County: Hispanic White	9	**0.1**	*0.04*	0.01	*0.00*	5	**0.1**	*0.02*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pharynx unspecified (C14) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	1	**0.3**	*0.26*	0.04	*0.04*	0	**-**	-	–	-
*USA, California, Los Angeles County: Korean	0	**-**	-	–	-	0	**-**	-	–	-
*USA, California, Los Angeles County: Non–Hispanic White	31	**0.3**	*0.05*	0.03	*0.01*	12	**0.1**	*0.02*	0.01	*0.00*
*USA, California, Los Angeles County: White	40	**0.2**	*0.03*	0.03	*0.00*	17	**0.1**	*0.02*	0.01	*0.00*
USA, California, San Francisco Bay Area	17	**0.1**	*0.03*	0.01	*0.00*	9	**0.1**	*0.02*	0.01	*0.00*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	1	**0.0**	*0.03*	0.01	*0.01*	0	**-**	-	–	-
*USA, California, San Francisco Bay Area: Black	1	**0.1**	*0.08*	0.01	*0.01*	2	**0.2**	*0.11*	0.02	*0.02*
*USA, California, San Francisco Bay Area: Hispanic White	3	**0.2**	*0.09*	0.00	*0.00*	0	**-**	-	–	-
*USA, California, San Francisco Bay Area: Non–Hispanic White	12	**0.1**	*0.04*	0.01	*0.00*	7	**0.1**	*0.03*	0.01	*0.00*
*USA, California, San Francisco Bay Area: White	15	**0.1**	*0.04*	0.01	*0.00*	7	**0.1**	*0.02*	0.01	*0.00*
USA, Colorado	72	**0.5**	*0.06*	0.05	*0.01*	19	**0.1**	*0.03*	0.01	*0.00*
USA, Colorado: Asian and Pacific Islander	1	**0.3**	*0.29*	0.02	*0.02*	0	**-**	-	–	-
USA, Colorado: Black	2	**0.5**	*0.33*	0.05	*0.04*	0	**-**	-	–	-
USA, Colorado: White	69	**0.5**	*0.06*	0.05	*0.01*	19	**0.1**	*0.03*	0.02	*0.00*
USA, Connecticut	21	**0.2**	*0.04*	0.02	*0.01*	7	**0.0**	*0.02*	0.01	*0.00*
*USA, Connecticut: Black	2	**0.3**	*0.21*	0.06	*0.04*	1	**0.1**	*0.11*	0.02	*0.02*
*USA, Connecticut: White	19	**0.2**	*0.04*	0.02	*0.01*	6	**0.0**	*0.02*	0.00	*0.00*
USA, Delaware	3	**0.1**	*0.06*	0.01	*0.01*	3	**0.1**	*0.06*	0.01	*0.01*
USA, Delaware: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Delaware: White	3	**0.1**	*0.07*	0.01	*0.01*	3	**0.1**	*0.08*	0.01	*0.01*
USA, Florida	524	**0.8**	*0.03*	0.09	*0.00*	176	**0.2**	*0.02*	0.03	*0.00*
USA, Florida: Asian and Pacific Islander	3	**0.3**	*0.17*	0.01	*0.01*	1	**0.1**	*0.08*	0.02	*0.02*
USA, Florida: Black	55	**0.8**	*0.11*	0.11	*0.02*	24	**0.3**	*0.06*	0.04	*0.01*
USA, Florida: White	464	**0.8**	*0.04*	0.09	*0.01*	150	**0.2**	*0.02*	0.02	*0.00*
USA, Georgia	115	**0.4**	*0.04*	0.06	*0.01*	28	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Georgia: Black	29	**0.5**	*0.10*	0.07	*0.02*	8	**0.1**	*0.04*	0.02	*0.01*
USA, Georgia: White	86	**0.4**	*0.05*	0.05	*0.01*	20	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia, Atlanta	24	**0.3**	*0.06*	0.04	*0.01*	8	**0.1**	*0.03*	0.01	*0.01*
*USA, Georgia, Atlanta: Black	11	**0.5**	*0.15*	0.07	*0.03*	3	**0.1**	*0.07*	0.02	*0.01*
*USA, Georgia, Atlanta: White	13	**0.2**	*0.06*	0.02	*0.01*	5	**0.1**	*0.04*	0.01	*0.01*
USA, Idaho	18	**0.3**	*0.08*	0.04	*0.01*	3	**0.0**	*0.03*	0.00	*0.00*
USA, Illinois	102	**0.2**	*0.02*	0.03	*0.00*	29	**0.1**	*0.01*	0.01	*0.00*
USA, Illinois: Asian and Pacific Islander	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
USA, Illinois: Black	20	**0.4**	*0.09*	0.05	*0.01*	7	**0.1**	*0.04*	0.01	*0.00*
USA, Illinois: White	81	**0.2**	*0.03*	0.03	*0.00*	21	**0.0**	*0.01*	0.01	*0.00*
USA, Indiana	63	**0.3**	*0.04*	0.04	*0.01*	15	**0.1**	*0.01*	0.01	*0.00*
USA, Indiana: Black	3	**0.2**	*0.13*	0.02	*0.02*	4	**0.3**	*0.14*	0.04	*0.02*
USA, Indiana: White	60	**0.3**	*0.04*	0.04	*0.01*	11	**0.0**	*0.01*	0.00	*0.00*
USA, Iowa	14	**0.1**	*0.03*	0.01	*0.00*	11	**0.1**	*0.02*	0.01	*0.00*
USA, Kentucky	32	**0.2**	*0.04*	0.02	*0.01*	13	**0.1**	*0.02*	0.01	*0.00*
USA, Louisiana	40	**0.3**	*0.05*	0.03	*0.01*	7	**0.1**	*0.02*	0.01	*0.00*
*USA, Louisiana: Black	10	**0.4**	*0.12*	0.03	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
*USA, Louisiana: White	28	**0.3**	*0.06*	0.03	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
*USA, Louisiana, New Orleans	15	**0.7**	*0.18*	0.09	*0.03*	1	**0.0**	*0.05*	0.01	*0.01*
*USA, Louisiana, New Orleans: Black	4	**0.5**	*0.27*	0.05	*0.03*	1	**0.1**	*0.14*	0.02	*0.02*
*USA, Louisiana, New Orleans: White	10	**0.7**	*0.23*	0.10	*0.04*	0	**-**	-	–	-
USA, Maine	8	**0.1**	*0.05*	0.02	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
USA, Massachusetts	53	**0.2**	*0.03*	0.03	*0.01*	9	**0.0**	*0.01*	0.00	*0.00*
USA, Massachusetts: Asian and Pacific Islander	1	**0.1**	*0.13*	0.01	*0.01*	0	**-**	-	–	-
USA, Massachusetts: Black	3	**0.3**	*0.21*	0.05	*0.03*	0	**-**	-	–	-
USA, Massachusetts: White	49	**0.2**	*0.03*	0.03	*0.01*	9	**0.0**	*0.01*	0.00	*0.00*
USA, Michigan	95	**0.3**	*0.03*	0.03	*0.00*	54	**0.1**	*0.02*	0.02	*0.00*
USA, Michigan: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.22*	0.05	*0.05*
USA, Michigan: Black	16	**0.5**	*0.12*	0.06	*0.02*	13	**0.3**	*0.08*	0.04	*0.01*
USA, Michigan: White	79	**0.3**	*0.03*	0.03	*0.00*	38	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan, Detroit	45	**0.3**	*0.05*	0.04	*0.01*	25	**0.2**	*0.03*	0.02	*0.01*
*USA, Michigan, Detroit: Black	14	**0.6**	*0.16*	0.08	*0.02*	11	**0.3**	*0.09*	0.04	*0.01*
*USA, Michigan, Detroit: White	31	**0.3**	*0.06*	0.04	*0.01*	13	**0.1**	*0.03*	0.01	*0.01*
USA, Mississippi	62	**0.7**	*0.09*	0.08	*0.01*	16	**0.1**	*0.03*	0.01	*0.00*
USA, Missouri	50	**0.2**	*0.03*	0.03	*0.00*	17	**0.1**	*0.02*	0.01	*0.00*
USA, Missouri: Black	6	**0.4**	*0.15*	0.03	*0.02*	1	**0.0**	*0.05*	0.01	*0.01*
USA, Missouri: White	44	**0.2**	*0.04*	0.03	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
USA, Montana	8	**0.2**	*0.07*	0.02	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
USA, Montana: American Indian	1	**0.7**	*0.73*	–	-	0	**-**	-	–	-
USA, Nebraska	11	**0.2**	*0.05*	0.02	*0.01*	4	**0.1**	*0.03*	0.01	*0.01*
USA, Nebraska: Black	1	**0.8**	*0.83*	0.14	*0.14*	0	**-**	-	–	-
USA, Nebraska: White	9	**0.1**	*0.04*	0.01	*0.01*	4	**0.1**	*0.03*	0.01	*0.01*
USA, New Hampshire	5	**0.1**	*0.05*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
USA, New Jersey	59	**0.2**	*0.03*	0.02	*0.00*	24	**0.1**	*0.01*	0.01	*0.00*
*USA, New Jersey: Black	10	**0.3**	*0.10*	0.04	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
*USA, New Jersey: White	46	**0.2**	*0.03*	0.02	*0.00*	20	**0.1**	*0.02*	0.01	*0.00*
USA, New Mexico	14	**0.2**	*0.06*	0.03	*0.01*	5	**0.0**	*0.02*	0.01	*0.01*
*USA, New Mexico: Hispanic White	2	**0.1**	*0.07*	0.02	*0.01*	0	**-**	-	–	-
*USA, New Mexico: Non–Hispanic White	12	**0.3**	*0.10*	0.04	*0.01*	5	**0.1**	*0.04*	0.02	*0.01*
*USA, New Mexico: White	14	**0.2**	*0.07*	0.04	*0.01*	5	**0.1**	*0.03*	0.01	*0.01*
USA, New York State	97	**0.1**	*0.02*	0.02	*0.00*	71	**0.1**	*0.01*	0.01	*0.00*
USA, New York State: Asian and Pacific Islander	2	**0.1**	*0.04*	0.00	*0.00*	0	**-**	-	–	-
USA, New York State: Black	19	**0.2**	*0.05*	0.03	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
USA, New York State: White	71	**0.1**	*0.02*	0.02	*0.00*	56	**0.1**	*0.01*	0.01	*0.00*
USA, North Carolina	89	**0.3**	*0.03*	0.04	*0.00*	34	**0.1**	*0.02*	0.01	*0.00*
USA, North Carolina: American Indian	1	**0.4**	*0.39*	0.05	*0.05*	1	**0.2**	*0.15*	–	-
USA, North Carolina: Asian and Pacific Islander	1	**0.4**	*0.37*	0.05	*0.05*	0	**-**	-	–	-
USA, North Carolina: Black	28	**0.6**	*0.12*	0.07	*0.02*	6	**0.1**	*0.04*	0.01	*0.01*
USA, North Carolina: White	59	**0.3**	*0.03*	0.03	*0.00*	27	**0.1**	*0.02*	0.01	*0.00*
USA, North Dakota	6	**0.3**	*0.11*	0.03	*0.02*	2	**0.1**	*0.08*	0.02	*0.01*
USA, Ohio	96	**0.2**	*0.03*	0.03	*0.00*	33	**0.1**	*0.01*	0.01	*0.00*
USA, Ohio: Asian and Pacific Islander	1	**0.2**	*0.21*	0.02	*0.02*	0	**-**	-	–	-
USA, Ohio: Black	20	**0.6**	*0.14*	0.07	*0.02*	3	**0.1**	*0.03*	0.01	*0.01*
USA, Ohio: White	74	**0.2**	*0.02*	0.02	*0.00*	30	**0.1**	*0.01*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pharynx unspecified (C14) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	48	**0.4**	*0.06*	0.05	*0.01*	11	**0.1**	*0.02*	0.01	*0.00*
USA, Oklahoma: American Indian	10	**1.4**	*0.45*	0.18	*0.07*	1	**0.1**	*0.11*	0.01	*0.01*
USA, Oklahoma: Black	4	**0.6**	*0.30*	0.09	*0.05*	0	**-**	-	–	-
USA, Oklahoma: White	33	**0.3**	*0.06*	0.03	*0.01*	10	**0.1**	*0.02*	0.01	*0.00*
USA, Oregon	23	**0.2**	*0.03*	0.02	*0.01*	8	**0.0**	*0.01*	0.00	*0.00*
USA, Oregon: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Oregon: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Oregon: White	23	**0.2**	*0.04*	0.02	*0.01*	7	**0.0**	*0.01*	0.00	*0.00*
USA, Pennsylvania	105	**0.2**	*0.02*	0.03	*0.00*	29	**0.0**	*0.01*	0.01	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Pennsylvania: Black	13	**0.4**	*0.11*	0.05	*0.02*	3	**0.1**	*0.04*	0.01	*0.01*
USA, Pennsylvania: White	92	**0.2**	*0.02*	0.03	*0.00*	26	**0.0**	*0.01*	0.00	*0.00*
USA, Rhode Island	7	**0.2**	*0.08*	0.03	*0.01*	1	**0.0**	*0.03*	0.01	*0.01*
USA, Rhode Island: Black	1	**0.6**	*0.62*	0.08	*0.08*	0	**-**	-	–	-
USA, Rhode Island: White	6	**0.2**	*0.08*	0.03	*0.01*	0	**-**	-	–	-
USA, South Carolina	63	**0.4**	*0.05*	0.05	*0.01*	24	**0.1**	*0.03*	0.02	*0.00*
USA, South Carolina: Black	27	**0.8**	*0.16*	0.09	*0.02*	3	**0.1**	*0.05*	0.01	*0.01*
USA, South Carolina: White	36	**0.3**	*0.05*	0.04	*0.01*	21	**0.2**	*0.04*	0.02	*0.01*
USA, South Dakota	2	**0.1**	*0.06*	0.01	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
USA, Tennessee	64	**0.3**	*0.04*	0.03	*0.01*	26	**0.1**	*0.02*	0.01	*0.00*
USA, Tennessee: Black	8	**0.4**	*0.13*	0.05	*0.02*	5	**0.2**	*0.07*	0.02	*0.01*
USA, Tennessee: White	56	**0.3**	*0.04*	0.03	*0.01*	21	**0.1**	*0.02*	0.01	*0.00*
USA, Texas	232	**0.3**	*0.02*	0.04	*0.00*	83	**0.1**	*0.01*	0.01	*0.00*
USA, Texas: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Texas: Black	38	**0.6**	*0.10*	0.08	*0.01*	8	**0.1**	*0.03*	0.01	*0.00*
USA, Texas: White	193	**0.3**	*0.02*	0.04	*0.00*	73	**0.1**	*0.01*	0.01	*0.00*
USA, Utah	8	**0.1**	*0.05*	0.02	*0.01*	3	**0.0**	*0.03*	0.00	*0.00*
USA, Vermont	5	**0.2**	*0.10*	0.03	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
USA, Virginia	50	**0.2**	*0.03*	0.02	*0.00*	24	**0.1**	*0.02*	0.01	*0.00*
USA, Virginia: Asian and Pacific Islander	1	**0.2**	*0.15*	0.01	*0.01*	0	**-**	-	–	-
USA, Virginia: Black	8	**0.2**	*0.08*	0.02	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
USA, Virginia: White	41	**0.2**	*0.03*	0.03	*0.00*	17	**0.1**	*0.02*	0.01	*0.00*
USA, Washington State	40	**0.2**	*0.03*	0.02	*0.00*	36	**0.1**	*0.03*	0.02	*0.00*
USA, Washington, Seattle	30	**0.2**	*0.04*	0.02	*0.01*	28	**0.2**	*0.03*	0.02	*0.01*
USA, West Virginia	19	**0.3**	*0.06*	0.03	*0.01*	11	**0.1**	*0.04*	0.01	*0.01*
USA, Wisconsin	33	**0.2**	*0.03*	0.03	*0.00*	12	**0.0**	*0.02*	0.01	*0.00*
USA, Wisconsin: Black	5	**0.8**	*0.39*	0.08	*0.04*	0	**-**	-	–	-
USA, Wisconsin: White	26	**0.2**	*0.03*	0.02	*0.00*	12	**0.1**	*0.02*	0.01	*0.00*
USA, Wyoming	3	**0.2**	*0.12*	0.03	*0.02*	3	**0.2**	*0.11*	0.03	*0.02*
Asia										
Bahrain: Bahraini	1	**0.2**	*0.19*	0.03	*0.03*	0	**-**	-	–	-
China, Beijing City	32	**0.1**	*0.02*	0.01	*0.00*	11	**0.0**	*0.01*	0.00	*0.00*
*China, Cixian County	3	**0.3**	*0.16*	0.04	*0.03*	1	**0.1**	*0.08*	0.01	*0.01*
China, Haining County	3	**0.1**	*0.08*	0.02	*0.01*	1	**0.0**	*0.02*	–	-
*China, Harbin City, Nangang District	1	**0.1**	*0.05*	0.01	*0.01*	3	**0.1**	*0.05*	0.02	*0.01*
China, Hong Kong	3	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.00*	0.00	*0.00*
China, Jiashan County	0	**-**	-	–	-	0	**-**	-	–	-
China, Jiaxing City	0	**-**	-	–	-	1	**0.1**	*0.08*	0.01	*0.01*
China, Macao	2	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.06*	–	-
China, Qidong County	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
*China, Shanghai City	33	**0.1**	*0.02*	0.01	*0.00*	9	**0.0**	*0.01*	0.00	*0.00*
*China, Wuhan City	25	**0.2**	*0.03*	0.02	*0.00*	11	**0.1**	*0.02*	0.01	*0.00*
*China, Yangcheng County	5	**0.7**	*0.32*	0.07	*0.04*	2	**0.2**	*0.13*	0.03	*0.03*
*China, Yanting County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Zhongshan City	5	**0.2**	*0.09*	0.02	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
*India, Bangalore	73	**1.0**	*0.12*	0.12	*0.02*	29	**0.4**	*0.08*	0.05	*0.01*
*India; Barshi, Paranda, and Bhum	1	**0.0**	*0.05*	0.01	*0.01*	0	**-**	-	–	-
*India, Bhopal	6	**0.3**	*0.13*	0.03	*0.02*	1	**0.1**	*0.06*	0.01	*0.01*
*India, Chennai	59	**0.6**	*0.08*	0.07	*0.01*	27	**0.3**	*0.05*	0.03	*0.01*
*India, Dindigul, Ambilikkai	40	**0.9**	*0.14*	0.11	*0.02*	19	**0.4**	*0.09*	0.04	*0.01*
*India, Karunagappally	7	**0.7**	*0.25*	0.06	*0.03*	0	**-**	-	–	-
*India, Mizoram	39	**2.3**	*0.39*	0.28	*0.06*	14	**0.9**	*0.26*	0.11	*0.04*
*India, Mumbai	146	**0.6**	*0.05*	0.07	*0.01*	62	**0.3**	*0.03*	0.03	*0.00*
*India, New Delhi	100	**0.4**	*0.04*	0.05	*0.01*	22	**0.1**	*0.02*	0.01	*0.00*
*India, Poona	24	**0.3**	*0.07*	0.03	*0.01*	15	**0.2**	*0.05*	0.02	*0.01*
*India, Sikkim State	9	**1.0**	*0.35*	0.13	*0.05*	3	**0.5**	*0.27*	0.08	*0.05*
*India, Trivandrum	0	**-**	-	–	-	1	**0.0**	*0.04*	–	-
*Iran (Islamic Republic of), Golestan Province	0	**-**	-	–	-	1	**0.1**	*0.13*	–	-
Israel	10	**0.0**	*0.02*	0.00	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
*Israel: Jews	8	**0.0**	*0.02*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
*Israel: Non–Jews	2	**0.1**	*0.09*	–	-	1	**0.0**	*0.02*	0.00	*0.00*
Japan, Aichi Prefecture	9	**0.1**	*0.04*	0.01	*0.01*	4	**0.1**	*0.05*	0.00	*0.00*
Japan, Fukui Prefecture	10	**0.2**	*0.07*	0.02	*0.01*	2	**0.0**	*0.01*	–	-
Japan, Hiroshima	12	**0.2**	*0.07*	0.03	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Japan, Miyagi Prefecture	17	**0.1**	*0.04*	0.02	*0.01*	4	**0.0**	*0.01*	0.00	*0.00*
Japan, Nagasaki Prefecture	13	**0.2**	*0.05*	0.02	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Japan, Niigata Prefecture	8	**0.1**	*0.02*	0.00	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
*Japan, Osaka Prefecture	89	**0.2**	*0.02*	0.02	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
Japan, Saga Prefecture	5	**0.1**	*0.07*	0.02	*0.01*	3	**0.0**	*0.01*	–	-
Republic of Korea	139	**0.1**	*0.01*	0.01	*0.00*	33	**0.0**	*0.00*	0.00	*0.00*
Republic of Korea, Busan	15	**0.2**	*0.05*	0.01	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Republic of Korea, Daegu	8	**0.2**	*0.06*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Republic of Korea, Daejeon	4	**0.1**	*0.06*	0.01	*0.01*	2	**0.1**	*0.04*	0.00	*0.00*
Republic of Korea, Gwangju	0	**-**	-	–	-	2	**0.0**	*0.03*	0.00	*0.00*
Republic of Korea, Incheon	4	**0.1**	*0.04*	0.01	*0.01*	3	**0.0**	*0.02*	0.01	*0.00*
Republic of Korea, Jejudo	0	**-**	-	–	-	0	**-**	-	–	-
Republic of Korea, Seoul	13	**0.0**	*0.01*	0.00	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
Republic of Korea, Ulsan	3	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pharynx unspecified (C14) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	0	-	-	–	-	0	-	-	–	-
*Kuwait: Kuwaitis	0	-	-	–	-	0	-	-	–	-
*Kuwait: Non–Kuwaitis	0	-	-	–	-	0	-	-	–	-
*Malaysia, Penang	3	**0.1**	*0.07*	0.01	*0.01*	0	-	-	–	-
*Malaysia, Penang: Chinese	2	**0.1**	*0.08*	0.01	*0.01*	0	-	-	–	-
*Malaysia, Penang: Indian	1	**0.6**	*0.59*	0.07	*0.07*	0	-	-	–	-
*Malaysia, Penang: Malay	0	-	-	–	-	0	-	-	–	-
*Philippines, Manila	72	**0.9**	*0.12*	0.11	*0.02*	30	**0.3**	*0.06*	0.03	*0.01*
*Philippines, Rizal	35	**0.4**	*0.08*	0.05	*0.01*	23	**0.2**	*0.05*	0.02	*0.01*
Qatar: Qatari	1	**0.5**	*0.51*	0.09	*0.09*	0	-	-	–	-
*Saudi Arabia, Riyadh: Saudi	0	-	-	–	-	0	-	-	–	-
Singapore	16	**0.2**	*0.04*	0.02	*0.01*	3	**0.0**	*0.01*	0.00	*0.00*
Singapore: Chinese	15	**0.2**	*0.05*	0.02	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
Singapore: Indian	1	**0.1**	*0.13*	0.03	*0.03*	0	-	-	–	-
Singapore: Malay	0	-	-	–	-	0	-	-	–	-
Thailand, Bangkok	42	**0.3**	*0.05*	0.03	*0.01*	8	**0.0**	*0.02*	0.00	*0.00*
Thailand, Chiang Mai	6	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Thailand, Chonburi	6	**0.3**	*0.10*	0.03	*0.02*	0	-	-	–	-
*Thailand, Khon Kaen	1	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
Thailand, Lampang	1	**0.0**	*0.04*	0.01	*0.01*	2	**0.1**	*0.04*	0.00	*0.00*
*Thailand, Songkhla	6	**0.2**	*0.10*	0.01	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
*Turkey, Antalya	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.04*	0.00	*0.00*
*Turkey, Edirne	0	-	-	–	-	0	-	-	–	-
*Turkey, Izmir	6	**0.1**	*0.03*	0.01	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
*Turkey, Trabzon	0	-	-	–	-	0	-	-	–	-
Europe										
Austria	138	**0.5**	*0.04*	0.05	*0.00*	32	**0.1**	*0.02*	0.01	*0.00*
Austria, Tyrol	7	**0.3**	*0.10*	0.02	*0.01*	2	**0.1**	*0.06*	0.01	*0.01*
Austria, Vorarlberg	11	**0.9**	*0.27*	0.11	*0.04*	1	**0.1**	*0.10*	0.01	*0.01*
*Belarus	37	**0.1**	*0.02*	0.02	*0.00*	2	**0.0**	*0.00*	–	-
*Belgium	130	**0.4**	*0.04*	0.05	*0.00*	39	**0.1**	*0.02*	0.01	*0.00*
Bulgaria	50	**0.2**	*0.03*	0.02	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
Croatia	36	**0.2**	*0.04*	0.03	*0.00*	12	**0.1**	*0.02*	0.01	*0.00*
Cyprus	2	**0.1**	*0.06*	0.01	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
Czech Republic	66	**0.2**	*0.02*	0.02	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
Denmark	11	**0.1**	*0.02*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
*Estonia	6	**0.2**	*0.06*	0.02	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
Finland	7	**0.0**	*0.02*	0.00	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
*France, Bas–Rhin	52	**1.4**	*0.20*	0.19	*0.03*	6	**0.2**	*0.07*	0.02	*0.01*
*France, Calvados	8	**0.4**	*0.14*	0.05	*0.02*	0	-	-	–	-
*France, Doubs	14	**0.7**	*0.20*	0.08	*0.02*	0	-	-	–	-
*France, Haut–Rhin	29	**1.1**	*0.20*	0.14	*0.03*	7	**0.3**	*0.11*	0.03	*0.01*
*France, Hérault	15	**0.4**	*0.10*	0.04	*0.01*	2	**0.1**	*0.04*	0.01	*0.00*
*France, Isère	32	**0.8**	*0.14*	0.10	*0.02*	5	**0.1**	*0.06*	0.01	*0.01*
*France, Loire–Atlantique	36	**0.8**	*0.14*	0.10	*0.02*	7	**0.2**	*0.06*	0.02	*0.01*
*France, Manche	23	**1.3**	*0.27*	0.17	*0.04*	4	**0.2**	*0.12*	0.02	*0.01*
*France, Somme	41	**2.1**	*0.34*	0.27	*0.05*	5	**0.3**	*0.12*	0.04	*0.02*
*France, Tarn	10	**0.8**	*0.24*	0.09	*0.03*	1	**0.1**	*0.09*	0.01	*0.01*
*France, Vendée	18	**0.7**	*0.18*	0.09	*0.02*	1	**0.0**	*0.01*	–	-
Germany, Brandenburg	31	**0.3**	*0.05*	0.03	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
Germany, Bremen	10	**0.4**	*0.12*	0.04	*0.02*	8	**0.3**	*0.11*	0.03	*0.01*
Germany, Free State of Saxony	46	**0.3**	*0.04*	0.03	*0.00*	10	**0.0**	*0.02*	0.00	*0.00*
Germany, Hamburg	83	**1.3**	*0.15*	0.15	*0.02*	30	**0.4**	*0.07*	0.05	*0.01*
Germany, Mecklenburg–Western Pomerania	49	**0.7**	*0.10*	0.08	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
Germany, Munich	13	**0.1**	*0.02*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
Germany, North Rhine–Westphalia	50	**0.5**	*0.07*	0.06	*0.01*	18	**0.2**	*0.05*	0.02	*0.01*
Germany, Saarland	8	**0.2**	*0.07*	0.02	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
Germany, Schleswig–Holstein	31	**0.3**	*0.05*	0.03	*0.01*	9	**0.1**	*0.02*	0.01	*0.00*
Iceland	0	-	-	–	-	2	**0.1**	*0.12*	0.01	*0.01*
Ireland	50	**0.4**	*0.05*	0.04	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
Italy, Biella	3	**0.3**	*0.15*	0.04	*0.03*	2	**0.2**	*0.18*	0.03	*0.02*
Italy, Brescia	19	**0.5**	*0.13*	0.07	*0.02*	8	**0.2**	*0.08*	0.01	*0.01*
Italy, Catania and Messina	6	**0.1**	*0.06*	0.02	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
Italy, Catanzaro	0	-	-	–	-	0	-	-	–	-
Italy, Como	1	**0.0**	*0.04*	0.01	*0.01*	0	-	-	–	-
Italy, Ferrara	2	**0.1**	*0.11*	0.02	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Florence and Prato	5	**0.2**	*0.10*	0.02	*0.01*	5	**0.1**	*0.04*	0.01	*0.01*
Italy, Friuli–Venezia Giulia	50	**0.9**	*0.14*	0.12	*0.02*	14	**0.2**	*0.06*	0.02	*0.01*
Italy, Genoa	12	**0.3**	*0.11*	0.03	*0.01*	4	**0.0**	*0.03*	0.00	*0.00*
Italy, Latina	2	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.05*	0.01	*0.01*
Italy, Lecco	1	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.10*	0.02	*0.02*
Italy, Lombardy, South	5	**0.3**	*0.12*	0.04	*0.02*	3	**0.1**	*0.09*	0.01	*0.01*
Italy, Mantua	8	**0.8**	*0.30*	0.12	*0.04*	0	-	-	–	-
Italy, Milan	12	**0.2**	*0.07*	0.03	*0.01*	5	**0.0**	*0.01*	0.00	*0.00*
Italy, Modena	2	**0.1**	*0.05*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.01*
Italy, Naples	3	**0.2**	*0.09*	0.03	*0.02*	0	-	-	–	-
Italy, Nuoro	7	**0.8**	*0.30*	0.10	*0.04*	2	**0.1**	*0.04*	–	-
Italy, Palermo	7	**0.1**	*0.06*	0.02	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
Italy, Parma	4	**0.2**	*0.10*	0.03	*0.02*	0	-	-	–	-
Italy, Ragusa	2	**0.1**	*0.10*	0.01	*0.01*	2	**0.1**	*0.09*	0.01	*0.01*
Italy, Reggio Emilia	12	**0.6**	*0.18*	0.08	*0.02*	2	**0.0**	*0.02*	–	-
Italy, Romagna	19	**0.4**	*0.09*	0.03	*0.01*	6	**0.1**	*0.05*	0.01	*0.01*
Italy, Salerno	15	**0.4**	*0.10*	0.04	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Italy, Sassari	12	**0.6**	*0.18*	0.06	*0.02*	3	**0.1**	*0.09*	0.01	*0.01*
Italy, Sondrio	7	**0.8**	*0.33*	0.10	*0.04*	2	**0.2**	*0.18*	0.02	*0.02*
Italy, South Tyrol	30	**2.1**	*0.40*	0.28	*0.06*	7	**0.5**	*0.21*	0.06	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pharynx unspecified (C14) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	6	**0.4**	*0.17*	0.04	*0.02*	0	**-**	-	–	-
Italy, Trapani	1	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	–	-
Italy, Trento	14	**0.8**	*0.24*	0.08	*0.03*	1	**0.1**	*0.08*	0.01	*0.01*
Italy, Turin	7	**0.2**	*0.07*	0.02	*0.01*	5	**0.1**	*0.04*	0.01	*0.01*
Italy, Umbria	8	**0.2**	*0.07*	0.02	*0.01*	3	**0.0**	*0.03*	0.01	*0.01*
Italy, Varese	1	**0.0**	*0.04*	0.00	*0.00*	1	**0.0**	*0.03*	0.00	*0.00*
Italy, Veneto	58	**0.8**	*0.10*	0.09	*0.01*	21	**0.2**	*0.05*	0.02	*0.01*
Latvia	29	**0.5**	*0.09*	0.06	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
Lithuania	25	**0.2**	*0.05*	0.03	*0.01*	2	**0.0**	*0.01*	0.00	*0.00*
Malta	4	**0.3**	*0.14*	0.04	*0.02*	1	**0.1**	*0.07*	0.01	*0.01*
*The Netherlands	26	**0.0**	*0.01*	0.01	*0.00*	11	**0.0**	*0.01*	0.00	*0.00*
*The Netherlands, Eindhoven	3	**0.1**	*0.04*	0.01	*0.00*	2	**0.1**	*0.04*	0.01	*0.00*
Norway	6	**0.0**	*0.01*	0.00	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
Poland, Cracow	2	**0.1**	*0.06*	–	-	2	**0.1**	*0.07*	0.01	*0.01*
Poland, Kielce	14	**0.3**	*0.08*	0.03	*0.01*	0	**-**	-	–	-
Poland, Lower Silesia	36	**0.4**	*0.07*	0.05	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
Poland, Podkarpackie	29	**0.5**	*0.09*	0.06	*0.01*	13	**0.2**	*0.05*	0.02	*0.01*
Portugal, Azores	4	**0.6**	*0.29*	0.08	*0.04*	0	**-**	-	–	-
Russian Federation, Saint Petersburg	72	**0.5**	*0.06*	0.06	*0.01*	9	**0.0**	*0.01*	0.00	*0.00*
*Serbia, Central	59	**0.3**	*0.04*	0.03	*0.00*	17	**0.1**	*0.03*	0.01	*0.00*
Slovakia	59	**0.4**	*0.05*	0.04	*0.01*	3	**0.0**	*0.01*	0.00	*0.00*
Slovenia	2	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.00*	–	-
Spain, Albacete	5	**0.4**	*0.20*	0.06	*0.03*	0	**-**	-	–	-
Spain, Asturias	43	**1.0**	*0.16*	0.12	*0.02*	5	**0.1**	*0.05*	0.01	*0.01*
Spain, Basque Country	114	**1.4**	*0.13*	0.17	*0.02*	16	**0.2**	*0.05*	0.02	*0.01*
Spain, Canary Islands	50	**1.2**	*0.17*	0.15	*0.02*	3	**0.1**	*0.04*	0.01	*0.01*
Spain, Ciudad Real	2	**0.2**	*0.12*	0.02	*0.02*	0	**-**	-	–	-
Spain, Cuenca	2	**0.4**	*0.25*	0.04	*0.03*	1	**0.0**	*0.02*	–	-
Spain, Girona	12	**0.5**	*0.15*	0.05	*0.02*	2	**0.1**	*0.07*	0.01	*0.01*
*Spain, Granada	3	**0.1**	*0.06*	0.02	*0.01*	0	**-**	-	–	-
Spain, La Rioja	7	**0.6**	*0.24*	0.10	*0.04*	2	**0.0**	*0.03*	–	-
Spain, Mallorca	11	**0.4**	*0.13*	0.05	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
Spain, Murcia	15	**0.4**	*0.10*	0.05	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
Spain, Navarra	10	**0.4**	*0.13*	0.05	*0.02*	1	**0.0**	*0.02*	–	-
Spain, Tarragona	7	**0.3**	*0.10*	0.03	*0.01*	0	**-**	-	–	-
*Sweden	25	**0.1**	*0.01*	0.01	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Switzerland, Basel	1	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
Switzerland, Geneva	4	**0.3**	*0.13*	0.03	*0.02*	2	**0.0**	*0.02*	–	-
Switzerland, Graubünden and Glarus	2	**0.2**	*0.15*	0.03	*0.02*	0	**-**	-	–	-
Switzerland, Neuchâtel	1	**0.2**	*0.20*	0.02	*0.02*	2	**0.3**	*0.22*	0.05	*0.03*
Switzerland, St Gall–Appenzell	2	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.01*
Switzerland, Ticino	7	**0.5**	*0.21*	0.06	*0.02*	2	**0.1**	*0.08*	0.01	*0.01*
Switzerland, Valais	10	**0.9**	*0.29*	0.11	*0.04*	0	**-**	-	–	-
Switzerland, Vaud	7	**0.3**	*0.12*	0.05	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
Switzerland, Zurich	9	**0.2**	*0.06*	0.02	*0.01*	1	**0.0**	*0.01*	–	-
Ukraine	326	**0.2**	*0.01*	0.03	*0.00*	32	**0.0**	*0.00*	0.00	*0.00*
UK, England	677	**0.3**	*0.01*	0.04	*0.00*	289	**0.1**	*0.01*	0.01	*0.00*
UK, England, East of England Region	48	**0.2**	*0.03*	0.03	*0.00*	18	**0.1**	*0.01*	0.01	*0.00*
UK, England, North Western	112	**0.4**	*0.04*	0.05	*0.01*	48	**0.2**	*0.03*	0.02	*0.00*
UK, England, Northern and Yorkshire	90	**0.3**	*0.04*	0.05	*0.01*	42	**0.1**	*0.02*	0.02	*0.00*
UK, England, Oxford Region	24	**0.2**	*0.05*	0.03	*0.01*	11	**0.1**	*0.03*	0.01	*0.00*
UK, England, South and Western Regions	128	**0.4**	*0.04*	0.05	*0.01*	51	**0.1**	*0.02*	0.02	*0.00*
UK, England, Thames	143	**0.3**	*0.03*	0.04	*0.00*	60	**0.1**	*0.02*	0.01	*0.00*
UK, England, Trent	51	**0.4**	*0.06*	0.05	*0.01*	22	**0.2**	*0.04*	0.02	*0.01*
UK, England, West Midlands	59	**0.3**	*0.04*	0.03	*0.00*	24	**0.1**	*0.02*	0.01	*0.00*
UK, Northern Ireland	14	**0.2**	*0.07*	0.03	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
UK, Scotland	151	**0.8**	*0.06*	0.09	*0.01*	51	**0.2**	*0.03*	0.02	*0.00*
UK, Wales	45	**0.3**	*0.05*	0.04	*0.01*	17	**0.1**	*0.03*	0.01	*0.00*
Oceania										
Australian Capital Territory	2	**0.2**	*0.14*	–	-	4	**0.4**	*0.19*	0.05	*0.03*
Australia, New South Wales	94	**0.4**	*0.04*	0.05	*0.01*	25	**0.1**	*0.02*	0.01	*0.00*
Australia, Northern Territory	6	**1.4**	*0.60*	0.16	*0.10*	1	**0.2**	*0.16*	0.02	*0.02*
Australia, Northern Territory: Indigenous	0	**-**	-	–	-	1	**0.8**	*0.82*	0.08	*0.08*
Australia, Northern Territory: Non–Indigenous	6	**1.6**	*0.69*	0.18	*0.11*	0	**-**	-	–	-
Australia, Queensland	100	**0.7**	*0.07*	0.09	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
South Australia	19	**0.3**	*0.07*	0.04	*0.01*	3	**0.0**	*0.01*	–	-
Australia, Tasmania	10	**0.5**	*0.16*	0.07	*0.03*	1	**0.0**	*0.05*	0.01	*0.01*
Australia, Victoria	61	**0.3**	*0.04*	0.05	*0.01*	21	**0.1**	*0.02*	0.01	*0.00*
Western Australia	32	**0.4**	*0.08*	0.05	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
New Zealand	37	**0.3**	*0.04*	0.04	*0.01*	10	**0.1**	*0.02*	0.01	*0.00*
New Zealand: Maori	2	**0.4**	*0.31*	–	-	1	**0.1**	*0.11*	0.02	*0.02*
New Zealand: Pacific Islander	1	**0.3**	*0.26*	–	-	2	**0.4**	*0.27*	–	-
New Zealand: Other	34	**0.3**	*0.05*	0.04	*0.01*	7	**0.0**	*0.02*	0.01	*0.00*
USA, Hawaii	7	**0.2**	*0.07*	0.02	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
*USA, Hawaii: Chinese	0	**-**	-	–	-	0	**-**	-	–	-
*USA, Hawaii: Filipino	2	**0.4**	*0.31*	0.06	*0.04*	0	**-**	-	–	-
*USA, Hawaii: Hawaiian	0	**-**	-	–	-	0	**-**	-	–	-
*USA, Hawaii: Japanese	2	**0.4**	*0.29*	0.03	*0.02*	1	**0.1**	*0.08*	0.01	*0.01*
*USA, Hawaii: White	3	**0.2**	*0.13*	0.03	*0.02*	0	**-**	-	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Oesophagus (C15)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	12	**0.4**	*0.12*	–	-	6	**0.2**	*0.10*	–	-
Egypt, Gharbiah	110	**1.7**	*0.17*	0.20	*0.02*	57	**0.9**	*0.12*	0.10	*0.02*
*Libya, Benghazi	18	**1.6**	*0.38*	0.23	*0.07*	3	**0.2**	*0.11*	0.01	*0.01*
*Malawi, Blantyre	380	**37.6**	*2.28*	4.72	*0.35*	229	**23.0**	*1.85*	2.82	*0.27*
*South Africa, PROMEC	475	**32.0**	*1.51*	3.92	*0.20*	533	**19.6**	*0.90*	2.35	*0.12*
*Tunisia, North	36	**0.5**	*0.09*	0.07	*0.01*	24	**0.3**	*0.07*	0.04	*0.01*
*Uganda, Kyadondo County	157	**15.6**	*1.37*	1.98	*0.21*	125	**11.5**	*1.08*	1.58	*0.17*
*Zimbabwe, Harare: African	182	**22.2**	*1.77*	2.64	*0.27*	103	**15.3**	*1.62*	2.04	*0.27*
America, Central and South										
Argentina, Bahía Blanca	56	**6.0**	*0.84*	0.77	*0.13*	25	**1.4**	*0.35*	0.09	*0.04*
Argentina, Córdoba	167	**6.0**	*0.47*	0.73	*0.07*	96	**2.3**	*0.25*	0.30	*0.04*
Argentina, Mendoza	294	**6.4**	*0.39*	0.71	*0.05*	132	**2.1**	*0.20*	0.23	*0.03*
*Argentina, Tierra del Fuego	16	**10.2**	*2.71*	1.17	*0.38*	2	**1.1**	*0.80*	0.16	*0.12*
Brazil, Aracaju	21	**3.7**	*0.83*	0.39	*0.11*	12	**1.3**	*0.39*	0.13	*0.06*
Brazil, Belo Horizonte	251	**9.5**	*0.61*	1.16	*0.09*	101	**2.5**	*0.26*	0.25	*0.03*
Brazil, Cuiabá	76	**8.9**	*1.07*	1.18	*0.17*	23	**2.4**	*0.53*	0.32	*0.08*
Brazil, Fortaleza	184	**6.7**	*0.51*	0.79	*0.07*	93	**2.3**	*0.24*	0.27	*0.04*
Brazil, Goiânia	214	**10.7**	*0.75*	1.33	*0.11*	65	**2.6**	*0.33*	0.32	*0.05*
*Brazil, São Paulo	2375	**11.0**	*0.24*	1.30	*0.03*	693	**2.3**	*0.09*	0.26	*0.01*
Chile, Region of Antofagasta	54	**5.4**	*0.74*	0.69	*0.12*	38	**2.8**	*0.46*	0.29	*0.07*
Chile, Bío Bío Province	103	**9.9**	*0.99*	1.23	*0.16*	46	**3.9**	*0.59*	0.43	*0.09*
Chile, Valdivia	74	**6.9**	*0.82*	0.76	*0.12*	49	**3.4**	*0.51*	0.34	*0.08*
Colombia, Bucaramanga	83	**3.9**	*0.43*	0.43	*0.07*	34	**1.1**	*0.20*	0.14	*0.04*
Colombia, Cali	120	**2.8**	*0.27*	0.32	*0.04*	82	**1.4**	*0.16*	0.17	*0.03*
Colombia, Manizales	18	**2.0**	*0.48*	0.26	*0.07*	30	**2.5**	*0.47*	0.31	*0.07*
Colombia, Pasto	23	**3.0**	*0.63*	0.41	*0.11*	13	**1.3**	*0.35*	0.10	*0.05*
Costa Rica	189	**2.2**	*0.16*	0.27	*0.03*	63	**0.6**	*0.07*	0.05	*0.01*
Cuba, Villa Clara	117	**4.4**	*0.43*	0.54	*0.06*	30	**1.0**	*0.20*	0.13	*0.03*
Ecuador, Cuenca	12	**1.4**	*0.42*	0.14	*0.05*	6	**0.5**	*0.21*	0.07	*0.04*
Ecuador, Quito	71	**2.2**	*0.27*	0.21	*0.04*	23	**0.7**	*0.15*	0.08	*0.02*
*France, Martinique	65	**4.8**	*0.62*	0.57	*0.09*	13	**0.6**	*0.18*	0.07	*0.03*
*Jamaica, Kingston and St Andrew	32	**2.3**	*0.42*	0.29	*0.07*	19	**1.0**	*0.25*	0.12	*0.04*
USA, Puerto Rico	642	**4.7**	*0.19*	0.56	*0.03*	185	**0.9**	*0.07*	0.08	*0.01*
Uruguay	596	**8.9**	*0.38*	1.06	*0.05*	281	**2.7**	*0.18*	0.30	*0.03*
America, North										
Canada	5452	**4.4**	*0.06*	0.54	*0.01*	1912	**1.1**	*0.03*	0.13	*0.00*
Canada, Alberta	507	**4.7**	*0.21*	0.57	*0.03*	151	**1.1**	*0.10*	0.14	*0.02*
Canada, British Columbia	775	**4.3**	*0.16*	0.53	*0.02*	338	**1.5**	*0.09*	0.18	*0.01*
Canada, Manitoba	188	**4.2**	*0.32*	0.51	*0.05*	61	**0.9**	*0.13*	0.09	*0.02*
Canada, New Brunswick	159	**5.1**	*0.42*	0.63	*0.06*	53	**1.1**	*0.18*	0.14	*0.03*
Canada, Newfoundland and Labrador	90	**4.1**	*0.45*	0.48	*0.06*	15	**0.5**	*0.15*	0.06	*0.02*
*Canada, Northwest Territories	3	**2.5**	*1.52*	0.29	*0.18*	1	**1.7**	*1.65*	0.41	*0.41*
Canada, Nova Scotia	222	**5.8**	*0.40*	0.73	*0.06*	69	**1.3**	*0.18*	0.15	*0.03*
Canada, Ontario	2076	**4.4**	*0.10*	0.54	*0.01*	757	**1.2**	*0.05*	0.14	*0.01*
Canada, Prince Edward Island	27	**5.0**	*1.00*	0.63	*0.14*	9	**1.2**	*0.44*	0.12	*0.06*
*Canada, Quebec	1253	**4.1**	*0.12*	0.51	*0.02*	400	**1.0**	*0.05*	0.11	*0.01*
Canada, Saskatchewan	147	**3.4**	*0.30*	0.37	*0.04*	57	**1.0**	*0.16*	0.13	*0.03*
*Canada, Yukon	5	**5.0**	*2.30*	0.68	*0.39*	1	**1.7**	*1.67*	0.28	*0.28*
USA, NPCR (42 states)	52617	**5.8**	*0.03*	0.72	*0.00*	15211	**1.3**	*0.01*	0.15	*0.00*
USA, NPCR (42 states): American Indian	212	**3.3**	*0.23*	0.43	*0.04*	73	**1.0**	*0.12*	0.12	*0.02*
USA, NPCR (42 states): Asian and Pacific Islander	627	**2.0**	*0.08*	0.23	*0.01*	215	**0.5**	*0.04*	0.06	*0.01*
USA, NPCR (42 states): Black	5614	**7.0**	*0.10*	0.89	*0.01*	2337	**2.1**	*0.04*	0.26	*0.01*
USA, NPCR (42 states): White	45766	**5.7**	*0.03*	0.72	*0.00*	12407	**1.2**	*0.01*	0.14	*0.00*
USA, SEER (9 registries)	4990	**5.3**	*0.08*	0.66	*0.01*	1567	**1.2**	*0.04*	0.15	*0.01*
*USA, SEER (9 registries): Black	453	**6.0**	*0.29*	0.78	*0.05*	230	**2.2**	*0.15*	0.26	*0.02*
*USA, SEER (9 registries): White	4213	**5.4**	*0.09*	0.68	*0.01*	1247	**1.2**	*0.04*	0.15	*0.01*
USA, SEER (18 registries)	13750	**5.1**	*0.05*	0.63	*0.01*	4272	**1.2**	*0.02*	0.14	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	555	**2.5**	*0.11*	0.29	*0.02*	185	**0.6**	*0.05*	0.07	*0.01*
*USA, SEER (18 registries): Black	1500	**6.7**	*0.18*	0.85	*0.03*	643	**2.1**	*0.08*	0.25	*0.01*
*USA, SEER (18 registries): Hispanic White	886	**3.3**	*0.11*	0.41	*0.02*	234	**0.7**	*0.05*	0.08	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	10691	**5.5**	*0.06*	0.68	*0.01*	3159	**1.2**	*0.02*	0.14	*0.00*
*USA, SEER (18 registries): White	11577	**5.2**	*0.05*	0.64	*0.01*	3393	**1.1**	*0.02*	0.14	*0.00*
USA, Alabama	979	**6.2**	*0.20*	0.75	*0.03*	246	**1.2**	*0.08*	0.15	*0.01*
USA, Alabama: Black	256	**9.0**	*0.58*	1.17	*0.09*	71	**1.7**	*0.22*	0.22	*0.03*
USA, Alabama: White	717	**5.6**	*0.22*	0.66	*0.03*	170	**1.0**	*0.08*	0.12	*0.01*
USA, Alaska	107	**6.0**	*0.60*	0.82	*0.10*	38	**2.1**	*0.35*	0.29	*0.06*
*USA, Alaska: American Indian	14	**5.9**	*1.61*	0.82	*0.25*	17	**5.8**	*1.45*	0.71	*0.22*
USA, Arizona	1099	**5.2**	*0.16*	0.65	*0.02*	264	**1.0**	*0.06*	0.12	*0.01*
USA, Arizona: American Indian	24	**3.9**	*0.81*	0.51	*0.13*	4	**0.5**	*0.28*	0.09	*0.05*
USA, Arizona: Asian and Pacific Islander	7	**2.0**	*0.77*	0.31	*0.14*	2	**0.5**	*0.35*	0.09	*0.07*
USA, Arizona: Black	18	**3.5**	*0.85*	0.39	*0.12*	6	**1.1**	*0.47*	0.14	*0.07*
USA, Arizona: White	1046	**5.3**	*0.17*	0.67	*0.03*	251	**1.0**	*0.07*	0.12	*0.01*
USA, Arkansas	488	**4.9**	*0.23*	0.62	*0.03*	146	**1.1**	*0.10*	0.14	*0.02*
USA, Arkansas: Black	80	**7.9**	*0.91*	0.93	*0.13*	31	**2.3**	*0.43*	0.31	*0.07*
USA, Arkansas: White	407	**4.5**	*0.23*	0.59	*0.03*	115	**1.0**	*0.10*	0.12	*0.01*
USA, California	4834	**4.2**	*0.06*	0.52	*0.01*	1569	**1.0**	*0.03*	0.13	*0.00*
USA, California: American Indian	19	**1.8**	*0.43*	0.24	*0.07*	4	**0.4**	*0.19*	0.06	*0.03*
USA, California: Asian and Pacific Islander	298	**2.0**	*0.12*	0.22	*0.02*	105	**0.5**	*0.05*	0.05	*0.01*
USA, California: Black	264	**4.2**	*0.26*	0.47	*0.04*	132	**1.6**	*0.14*	0.20	*0.02*
USA, California: White	4196	**4.6**	*0.07*	0.56	*0.01*	1305	**1.1**	*0.03*	0.13	*0.01*
USA, California, Los Angeles County	1058	**3.7**	*0.12*	0.46	*0.02*	381	**0.9**	*0.05*	0.12	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	106	**2.3**	*0.23*	0.25	*0.03*	31	**0.5**	*0.09*	0.05	*0.01*
*USA, California, Los Angeles County: Black	116	**4.4**	*0.42*	0.53	*0.06*	56	**1.5**	*0.21*	0.18	*0.03*
*USA, California, Los Angeles County: Chinese	35	**2.4**	*0.44*	0.23	*0.06*	10	**0.5**	*0.18*	0.04	*0.02*
*USA, California, Los Angeles County: Filipino	13	**1.6**	*0.45*	0.22	*0.07*	6	**0.5**	*0.20*	0.07	*0.04*
*USA, California, Los Angeles County: Hispanic White	204	**2.8**	*0.20*	0.33	*0.03*	53	**0.5**	*0.07*	0.07	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Oesophagus (C15) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	33	**5.7**	*1.24*	0.68	*0.17*	9	**1.2**	*0.53*	0.15	*0.07*
*USA, California, Los Angeles County: Korean	18	**2.9**	*0.69*	0.40	*0.11*	2	**0.2**	*0.15*	0.01	*0.01*
*USA, California, Los Angeles County: Non−Hispanic White	620	**4.6**	*0.20*	0.58	*0.03*	240	**1.2**	*0.09*	0.15	*0.02*
*USA, California, Los Angeles County: White	824	**3.9**	*0.14*	0.49	*0.02*	293	**0.9**	*0.06*	0.12	*0.01*
USA, California, San Francisco Bay Area	610	**4.0**	*0.17*	0.48	*0.03*	213	**1.1**	*0.08*	0.14	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	79	**2.4**	*0.28*	0.26	*0.04*	26	**0.5**	*0.11*	0.06	*0.02*
*USA, California, San Francisco Bay Area: Black	53	**4.4**	*0.62*	0.52	*0.09*	31	**1.9**	*0.36*	0.23	*0.05*
*USA, California, San Francisco Bay Area: Hispanic White	57	**4.1**	*0.56*	0.51	*0.09*	19	**1.1**	*0.26*	0.17	*0.05*
*USA, California, San Francisco Bay Area: Non−Hispanic White	412	**4.6**	*0.24*	0.54	*0.04*	137	**1.2**	*0.12*	0.15	*0.02*
*USA, California, San Francisco Bay Area: White	469	**4.5**	*0.22*	0.54	*0.03*	156	**1.2**	*0.11*	0.15	*0.02*
USA, Colorado	751	**5.1**	*0.19*	0.65	*0.03*	166	**0.9**	*0.07*	0.10	*0.01*
USA, Colorado: Asian and Pacific Islander	7	**2.3**	*0.92*	0.24	*0.14*	5	**1.4**	*0.64*	0.19	*0.10*
USA, Colorado: Black	27	**6.1**	*1.21*	0.74	*0.18*	7	**1.7**	*0.63*	0.25	*0.10*
USA, Colorado: White	709	**5.1**	*0.20*	0.65	*0.03*	151	**0.8**	*0.07*	0.10	*0.01*
USA, Connecticut	818	**6.3**	*0.23*	0.81	*0.04*	269	**1.5**	*0.10*	0.17	*0.02*
*USA, Connecticut: Black	63	**8.2**	*1.05*	1.15	*0.17*	21	**2.0**	*0.44*	0.23	*0.06*
*USA, Connecticut: White	748	**6.3**	*0.24*	0.80	*0.04*	246	**1.4**	*0.11*	0.17	*0.02*
USA, Delaware	194	**6.3**	*0.47*	0.80	*0.07*	58	**1.4**	*0.20*	0.17	*0.03*
USA, Delaware: Black	27	**7.3**	*1.42*	1.14	*0.24*	10	**1.6**	*0.52*	0.14	*0.05*
USA, Delaware: White	163	**6.3**	*0.51*	0.77	*0.07*	47	**1.3**	*0.21*	0.16	*0.03*
USA, Florida	4216	**5.7**	*0.09*	0.72	*0.01*	1218	**1.3**	*0.04*	0.16	*0.01*
USA, Florida: Asian and Pacific Islander	19	**1.9**	*0.44*	0.29	*0.08*	2	**0.2**	*0.11*	0.02	*0.02*
USA, Florida: Black	354	**5.7**	*0.31*	0.76	*0.05*	163	**1.9**	*0.16*	0.23	*0.02*
USA, Florida: White	3795	**5.7**	*0.10*	0.71	*0.01*	1041	**1.2**	*0.04*	0.15	*0.01*
USA, Georgia	1527	**5.8**	*0.15*	0.72	*0.02*	476	**1.4**	*0.07*	0.17	*0.01*
USA, Georgia: Asian and Pacific Islander	5	**1.1**	*0.51*	0.14	*0.08*	4	**0.7**	*0.36*	0.03	*0.03*
USA, Georgia: Black	481	**8.9**	*0.42*	1.16	*0.06*	194	**2.4**	*0.18*	0.30	*0.03*
USA, Georgia: White	1034	**5.1**	*0.16*	0.62	*0.02*	273	**1.0**	*0.07*	0.12	*0.01*
USA, Georgia, Atlanta	398	**4.9**	*0.25*	0.60	*0.04*	155	**1.4**	*0.12*	0.17	*0.02*
*USA, Georgia, Atlanta: Black	129	**6.1**	*0.56*	0.77	*0.09*	69	**2.2**	*0.28*	0.26	*0.04*
*USA, Georgia, Atlanta: White	259	**4.6**	*0.29*	0.55	*0.04*	83	**1.1**	*0.13*	0.13	*0.02*
USA, Idaho	279	**5.7**	*0.35*	0.71	*0.05*	58	**1.0**	*0.14*	0.12	*0.02*
USA, Illinois	2646	**6.3**	*0.13*	0.78	*0.02*	781	**1.4**	*0.05*	0.17	*0.01*
USA, Illinois: Asian and Pacific Islander	17	**1.3**	*0.31*	0.16	*0.05*	10	**0.5**	*0.16*	0.03	*0.01*
USA, Illinois: Black	349	**7.6**	*0.42*	0.95	*0.06*	158	**2.4**	*0.20*	0.32	*0.03*
USA, Illinois: White	2267	**6.3**	*0.14*	0.78	*0.02*	603	**1.2**	*0.06*	0.15	*0.01*
USA, Indiana	1356	**6.4**	*0.18*	0.81	*0.03*	368	**1.3**	*0.07*	0.16	*0.01*
USA, Indiana: Black	85	**6.9**	*0.77*	0.93	*0.12*	45	**2.5**	*0.40*	0.36	*0.07*
USA, Indiana: White	1262	**6.4**	*0.19*	0.81	*0.03*	320	**1.2**	*0.07*	0.14	*0.01*
USA, Iowa	752	**6.6**	*0.25*	0.83	*0.04*	189	**1.2**	*0.10*	0.16	*0.02*
USA, Kentucky	938	**6.5**	*0.22*	0.79	*0.03*	234	**1.2**	*0.08*	0.14	*0.01*
USA, Louisiana	699	**6.1**	*0.24*	0.77	*0.04*	207	**1.3**	*0.10*	0.16	*0.02*
*USA, Louisiana: Black	204	**7.9**	*0.56*	1.06	*0.09*	74	**2.0**	*0.24*	0.25	*0.04*
*USA, Louisiana: White	490	**5.6**	*0.26*	0.70	*0.04*	133	**1.1**	*0.11*	0.13	*0.02*
*USA, Louisiana, New Orleans	143	**6.2**	*0.54*	0.77	*0.08*	48	**1.5**	*0.24*	0.19	*0.04*
*USA, Louisiana, New Orleans: Black	49	**7.3**	*1.06*	0.93	*0.16*	22	**2.3**	*0.50*	0.30	*0.08*
*USA, Louisiana, New Orleans: White	92	**5.9**	*0.65*	0.71	*0.10*	26	**1.2**	*0.27*	0.14	*0.04*
USA, Maine	441	**8.2**	*0.41*	1.04	*0.06*	108	**1.6**	*0.17*	0.21	*0.03*
USA, Massachusetts	1773	**7.6**	*0.19*	0.95	*0.03*	498	**1.5**	*0.08*	0.19	*0.01*
USA, Massachusetts: Asian and Pacific Islander	21	**3.2**	*0.72*	0.30	*0.09*	6	**0.9**	*0.36*	0.18	*0.08*
USA, Massachusetts: Black	68	**7.4**	*0.92*	0.89	*0.14*	29	**2.2**	*0.42*	0.28	*0.07*
USA, Massachusetts: White	1676	**7.8**	*0.20*	0.97	*0.03*	459	**1.5**	*0.08*	0.19	*0.01*
USA, Michigan	2310	**6.5**	*0.14*	0.82	*0.02*	690	**1.5**	*0.06*	0.18	*0.01*
USA, Michigan: Asian and Pacific Islander	7	**1.4**	*0.54*	0.07	*0.05*	0	**-**	-	–	-
USA, Michigan: Black	240	**6.9**	*0.46*	0.88	*0.07*	109	**2.2**	*0.22*	0.27	*0.03*
USA, Michigan: White	2042	**6.5**	*0.15*	0.82	*0.02*	565	**1.3**	*0.06*	0.16	*0.01*
USA, Michigan, Detroit	831	**6.1**	*0.22*	0.77	*0.03*	291	**1.6**	*0.10*	0.19	*0.02*
*USA, Michigan, Detroit: Black	175	**6.8**	*0.53*	0.88	*0.08*	88	**2.4**	*0.27*	0.29	*0.04*
*USA, Michigan, Detroit: White	646	**6.0**	*0.25*	0.76	*0.04*	199	**1.3**	*0.11*	0.15	*0.02*
USA, Mississippi	616	**6.7**	*0.28*	0.82	*0.04*	134	**1.1**	*0.10*	0.14	*0.01*
USA, Missouri	1318	**6.3**	*0.18*	0.79	*0.03*	349	**1.2**	*0.07*	0.14	*0.01*
USA, Missouri: Black	135	**8.6**	*0.76*	1.08	*0.12*	54	**2.5**	*0.35*	0.30	*0.05*
USA, Missouri: White	1173	**6.1**	*0.19*	0.77	*0.03*	292	**1.1**	*0.07*	0.12	*0.01*
USA, Montana	193	**5.2**	*0.39*	0.66	*0.06*	58	**1.3**	*0.19*	0.16	*0.03*
USA, Montana: American Indian	5	**4.2**	*1.90*	0.58	*0.32*	1	**0.5**	*0.50*	–	-
USA, Nebraska	355	**5.7**	*0.32*	0.74	*0.05*	83	**1.0**	*0.12*	0.12	*0.02*
USA, Nebraska: Black	4	**2.9**	*1.47*	0.43	*0.23*	6	**3.3**	*1.37*	0.58	*0.25*
USA, Nebraska: White	343	**5.7**	*0.33*	0.74	*0.05*	76	**0.9**	*0.12*	0.11	*0.02*
USA, New Hampshire	389	**8.0**	*0.42*	0.95	*0.06*	105	**1.7**	*0.18*	0.20	*0.03*
USA, New Jersey	1759	**5.7**	*0.14*	0.71	*0.02*	569	**1.3**	*0.06*	0.15	*0.01*
*USA, New Jersey: Black	223	**7.3**	*0.49*	0.90	*0.07*	90	**2.0**	*0.22*	0.23	*0.03*
*USA, New Jersey: White	1494	**5.8**	*0.16*	0.72	*0.02*	463	**1.2**	*0.06*	0.14	*0.01*
USA, New Mexico	304	**4.5**	*0.26*	0.58	*0.04*	79	**0.9**	*0.11*	0.10	*0.02*
*USA, New Mexico: Hispanic White	79	**3.6**	*0.42*	0.46	*0.07*	16	**0.7**	*0.17*	0.09	*0.03*
*USA, New Mexico: Non−Hispanic White	210	**5.2**	*0.37*	0.69	*0.06*	59	**1.0**	*0.15*	0.12	*0.02*
*USA, New Mexico: White	289	**4.7**	*0.28*	0.61	*0.04*	75	**0.9**	*0.12*	0.11	*0.02*
USA, New York State	3879	**5.7**	*0.10*	0.72	*0.01*	1410	**1.4**	*0.04*	0.17	*0.01*
USA, New York State: Asian and Pacific Islander	80	**2.2**	*0.25*	0.30	*0.04*	25	**0.6**	*0.12*	0.07	*0.02*
USA, New York State: Black	512	**6.2**	*0.28*	0.79	*0.04*	271	**2.1**	*0.13*	0.26	*0.02*
USA, New York State: White	3262	**5.9**	*0.11*	0.73	*0.02*	1093	**1.3**	*0.05*	0.16	*0.01*
USA, North Carolina	1689	**5.8**	*0.14*	0.71	*0.02*	486	**1.2**	*0.06*	0.16	*0.01*
USA, North Carolina: American Indian	7	**2.4**	*0.94*	0.37	*0.17*	4	**1.1**	*0.57*	0.12	*0.07*
USA, North Carolina: Asian and Pacific Islander	2	**0.8**	*0.55*	0.15	*0.11*	1	**0.3**	*0.35*	0.06	*0.06*
USA, North Carolina: Black	362	**7.8**	*0.42*	0.99	*0.06*	123	**1.9**	*0.17*	0.24	*0.03*
USA, North Carolina: White	1311	**5.4**	*0.15*	0.66	*0.02*	356	**1.1**	*0.06*	0.14	*0.01*
USA, North Dakota	130	**5.1**	*0.49*	0.59	*0.07*	37	**1.4**	*0.25*	0.21	*0.04*
USA, Ohio	2745	**6.5**	*0.13*	0.82	*0.02*	741	**1.3**	*0.05*	0.15	*0.01*
USA, Ohio: Asian and Pacific Islander	3	**0.8**	*0.45*	0.05	*0.04*	5	**1.1**	*0.51*	0.21	*0.10*
USA, Ohio: Black	202	**6.0**	*0.44*	0.77	*0.06*	114	**2.2**	*0.22*	0.26	*0.03*
USA, Ohio: White	2512	**6.6**	*0.14*	0.83	*0.02*	608	**1.1**	*0.05*	0.13	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Oesophagus (C15) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	719	**5.7**	*0.22*	0.74	*0.03*	175	**1.0**	*0.09*	0.14	*0.01*
USA, Oklahoma: American Indian	45	**5.7**	*0.86*	0.73	*0.13*	6	**0.6**	*0.27*	0.07	*0.03*
USA, Oklahoma: Black	44	**7.3**	*1.13*	0.95	*0.18*	17	**2.0**	*0.52*	0.25	*0.08*
USA, Oklahoma: White	624	**5.6**	*0.23*	0.73	*0.03*	152	**1.0**	*0.09*	0.14	*0.01*
USA, Oregon	851	**6.0**	*0.22*	0.74	*0.03*	235	**1.3**	*0.10*	0.17	*0.02*
USA, Oregon: Asian and Pacific Islander	8	**2.6**	*0.93*	0.39	*0.16*	3	**0.7**	*0.44*	0.12	*0.08*
USA, Oregon: Black	9	**4.6**	*1.56*	0.40	*0.18*	2	**1.2**	*0.85*	0.22	*0.17*
USA, Oregon: White	817	**6.1**	*0.22*	0.74	*0.03*	222	**1.3**	*0.10*	0.16	*0.02*
USA, Pennsylvania	3206	**6.5**	*0.12*	0.81	*0.02*	932	**1.4**	*0.05*	0.16	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	14	**2.1**	*0.56*	0.21	*0.08*	3	**0.4**	*0.22*	0.02	*0.02*
USA, Pennsylvania: Black	213	**6.5**	*0.46*	0.81	*0.07*	119	**2.4**	*0.24*	0.27	*0.03*
USA, Pennsylvania: White	2958	**6.6**	*0.13*	0.82	*0.02*	799	**1.3**	*0.05*	0.15	*0.01*
USA, Rhode Island	296	**7.7**	*0.47*	1.01	*0.07*	94	**1.6**	*0.19*	0.19	*0.03*
USA, Rhode Island: Black	5	**3.7**	*1.73*	0.13	*0.13*	4	**2.4**	*1.25*	0.30	*0.18*
USA, Rhode Island: White	286	**7.9**	*0.49*	1.05	*0.08*	88	**1.6**	*0.20*	0.19	*0.03*
USA, South Carolina	983	**6.6**	*0.22*	0.83	*0.03*	272	**1.5**	*0.09*	0.18	*0.01*
USA, South Carolina: Black	366	**11.8**	*0.63*	1.56	*0.10*	101	**2.4**	*0.25*	0.30	*0.04*
USA, South Carolina: White	614	**5.2**	*0.22*	0.64	*0.03*	168	**1.2**	*0.10*	0.14	*0.01*
USA, South Dakota	177	**5.9**	*0.47*	0.80	*0.07*	47	**1.2**	*0.20*	0.17	*0.03*
USA, Tennessee	1164	**5.6**	*0.17*	0.69	*0.02*	308	**1.1**	*0.07*	0.14	*0.01*
USA, Tennessee: Black	167	**7.4**	*0.59*	0.88	*0.08*	75	**2.4**	*0.29*	0.29	*0.04*
USA, Tennessee: White	988	**5.4**	*0.18*	0.68	*0.03*	230	**0.9**	*0.07*	0.12	*0.01*
USA, Texas	3445	**5.1**	*0.09*	0.63	*0.01*	865	**1.0**	*0.04*	0.12	*0.01*
USA, Texas: Asian and Pacific Islander	27	**1.5**	*0.30*	0.17	*0.05*	4	**0.2**	*0.09*	0.01	*0.01*
USA, Texas: Black	354	**6.1**	*0.33*	0.77	*0.05*	128	**1.6**	*0.14*	0.20	*0.02*
USA, Texas: White	3025	**5.1**	*0.10*	0.63	*0.01*	716	**0.9**	*0.04*	0.11	*0.01*
USA, Utah	264	**4.1**	*0.26*	0.52	*0.04*	48	**0.5**	*0.09*	0.06	*0.01*
USA, Vermont	138	**5.5**	*0.49*	0.67	*0.08*	54	**1.7**	*0.26*	0.22	*0.04*
USA, Virginia	1430	**5.7**	*0.15*	0.72	*0.02*	427	**1.3**	*0.07*	0.16	*0.01*
USA, Virginia: Asian and Pacific Islander	20	**2.3**	*0.53*	0.25	*0.06*	3	**0.2**	*0.14*	0.03	*0.03*
USA, Virginia: Black	257	**6.9**	*0.44*	0.86	*0.06*	107	**2.0**	*0.21*	0.26	*0.03*
USA, Virginia: White	1143	**5.6**	*0.17*	0.71	*0.03*	306	**1.1**	*0.07*	0.14	*0.01*
USA, Washington State	1182	**5.3**	*0.16*	0.66	*0.03*	373	**1.4**	*0.08*	0.18	*0.01*
USA, Washington, Seattle	790	**5.2**	*0.19*	0.63	*0.03*	278	**1.5**	*0.10*	0.19	*0.02*
USA, West Virginia	483	**6.7**	*0.32*	0.80	*0.04*	128	**1.3**	*0.13*	0.15	*0.02*
USA, Wisconsin	1345	**6.6**	*0.19*	0.83	*0.03*	381	**1.5**	*0.09*	0.19	*0.01*
USA, Wisconsin: Black	57	**9.2**	*1.26*	1.08	*0.18*	22	**2.5**	*0.55*	0.28	*0.07*
USA, Wisconsin: White	1244	**6.4**	*0.19*	0.81	*0.03*	346	**1.4**	*0.09*	0.19	*0.01*
USA, Wyoming	116	**6.1**	*0.58*	0.80	*0.09*	22	**1.1**	*0.25*	0.16	*0.04*
Asia										
Bahrain: Bahraini	22	**3.3**	*0.72*	0.43	*0.12*	10	**1.5**	*0.48*	0.15	*0.06*
China, Beijing City	2444	**8.0**	*0.17*	0.89	*0.02*	822	**2.4**	*0.09*	0.26	*0.01*
*China, Cixian County	2182	**192.7**	*4.30*	24.06	*0.61*	1387	**108.5**	*3.00*	13.43	*0.43*
China, Haining County	278	**13.3**	*0.85*	1.54	*0.12*	107	**3.8**	*0.39*	0.36	*0.05*
*China, Harbin City, Nangang District	224	**7.7**	*0.53*	0.88	*0.07*	43	**1.3**	*0.20*	0.20	*0.04*
China, Hong Kong	1780	**7.1**	*0.17*	0.87	*0.03*	493	**1.6**	*0.08*	0.18	*0.01*
China, Jiashan County	261	**17.0**	*1.09*	2.23	*0.16*	57	**3.2**	*0.45*	0.40	*0.07*
China, Jiaxing City	149	**12.7**	*1.07*	1.56	*0.15*	38	**2.8**	*0.47*	0.32	*0.07*
China, Macao	93	**7.0**	*0.77*	0.83	*0.12*	15	**0.9**	*0.25*	0.11	*0.04*
China, Qidong County	468	**10.6**	*0.50*	1.26	*0.07*	219	**3.9**	*0.28*	0.44	*0.04*
*China, Shanghai City	2017	**6.6**	*0.15*	0.71	*0.02*	791	**1.9**	*0.08*	0.21	*0.01*
*China, Wuhan City	1528	**10.7**	*0.28*	1.30	*0.04*	536	**3.6**	*0.16*	0.46	*0.02*
*China, Yangcheng County	1231	**149.5**	*4.97*	18.44	*0.63*	763	**85.5**	*3.24*	10.79	*0.44*
*China, Yanting County	1591	**100.6**	*2.60*	11.99	*0.36*	1146	**67.7**	*2.02*	8.35	*0.29*
*China, Zhongshan City	578	**21.5**	*0.91*	2.54	*0.12*	66	**2.3**	*0.30*	0.29	*0.04*
*India, Bangalore	541	**7.9**	*0.35*	1.03	*0.05*	446	**6.6**	*0.32*	0.81	*0.05*
*India; Barshi, Paranda, and Bhum	49	**3.4**	*0.53*	0.43	*0.07*	34	**2.8**	*0.51*	0.34	*0.06*
*India, Bhopal	126	**6.0**	*0.54*	0.69	*0.08*	113	**5.6**	*0.53*	0.69	*0.08*
*India, Chennai	782	**7.9**	*0.29*	1.01	*0.04*	462	**4.7**	*0.22*	0.61	*0.03*
*India, Dindigul, Ambilikkai	181	**4.0**	*0.30*	0.52	*0.04*	88	**1.9**	*0.20*	0.21	*0.03*
*India, Karunagappally	69	**6.7**	*0.82*	0.79	*0.11*	39	**3.0**	*0.48*	0.43	*0.08*
*India, Mizoram	347	**20.9**	*1.15*	2.33	*0.15*	58	**3.7**	*0.50*	0.41	*0.07*
*India, Mumbai	1217	**5.2**	*0.15*	0.64	*0.02*	810	**3.5**	*0.12*	0.40	*0.02*
*India, New Delhi	1175	**4.9**	*0.15*	0.60	*0.02*	650	**2.9**	*0.12*	0.35	*0.02*
*India, Poona	367	**5.2**	*0.28*	0.60	*0.04*	285	**3.9**	*0.23*	0.45	*0.03*
*India, Sikkim State	88	**9.9**	*1.07*	1.25	*0.16*	66	**9.5**	*1.22*	1.29	*0.19*
*India, Trivandrum	76	**4.8**	*0.56*	0.60	*0.08*	22	**1.2**	*0.25*	0.14	*0.04*
*Iran (Islamic Republic of), Golestan Province	370	**23.2**	*1.26*	2.88	*0.19*	285	**18.8**	*1.15*	2.37	*0.17*
Israel	357	**1.8**	*0.10*	0.20	*0.01*	243	**0.9**	*0.06*	0.08	*0.01*
*Israel: Jews	334	**1.8**	*0.10*	0.21	*0.02*	229	**0.9**	*0.06*	0.08	*0.01*
*Israel: Non–Jews	23	**1.3**	*0.28*	0.15	*0.04*	14	**0.6**	*0.17*	0.05	*0.02*
Japan, Aichi Prefecture	473	**7.7**	*0.36*	0.96	*0.05*	55	**0.7**	*0.11*	0.07	*0.01*
Japan, Fukui Prefecture	347	**8.1**	*0.47*	0.98	*0.06*	86	**1.5**	*0.19*	0.18	*0.03*
Japan, Hiroshima	752	**14.2**	*0.54*	1.82	*0.08*	164	**2.3**	*0.20*	0.28	*0.03*
Japan, Miyagi Prefecture	1829	**15.0**	*0.37*	1.99	*0.06*	351	**2.3**	*0.14*	0.26	*0.02*
Japan, Nagasaki Prefecture	803	**10.6**	*0.40*	1.32	*0.06*	137	**1.3**	*0.13*	0.16	*0.02*
Japan, Niigata Prefecture	2156	**15.2**	*0.35*	2.03	*0.05*	334	**1.8**	*0.12*	0.22	*0.02*
*Japan, Osaka Prefecture	4963	**11.3**	*0.17*	1.45	*0.02*	1006	**1.9**	*0.07*	0.22	*0.01*
Japan, Saga Prefecture	433	**9.7**	*0.50*	1.25	*0.07*	76	**1.3**	*0.18*	0.13	*0.02*
Republic of Korea	9203	**7.4**	*0.08*	0.99	*0.01*	884	**0.5**	*0.02*	0.05	*0.00*
Republic of Korea, Busan	700	**7.3**	*0.28*	0.94	*0.04*	78	**0.6**	*0.07*	0.05	*0.01*
Republic of Korea, Daegu	449	**7.7**	*0.38*	1.01	*0.06*	47	**0.6**	*0.08*	0.07	*0.01*
Republic of Korea, Daejeon	201	**6.5**	*0.47*	0.81	*0.07*	29	**0.7**	*0.12*	0.06	*0.02*
Republic of Korea, Gwangju	236	**7.9**	*0.53*	1.02	*0.08*	28	**0.6**	*0.12*	0.07	*0.02*
Republic of Korea, Incheon	304	**5.6**	*0.33*	0.73	*0.05*	33	**0.4**	*0.08*	0.04	*0.01*
Republic of Korea, Jejudo	92	**8.3**	*0.89*	1.02	*0.12*	7	**0.4**	*0.14*	0.03	*0.02*
Republic of Korea, Seoul	1321	**5.5**	*0.15*	0.70	*0.02*	133	**0.4**	*0.04*	0.04	*0.01*
Republic of Korea, Ulsan	141	**7.8**	*0.69*	1.00	*0.11*	16	**0.6**	*0.16*	0.08	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Oesophagus (C15) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	26	**1.0**	*0.25*	0.07	*0.03*	15	**0.8**	*0.22*	0.13	*0.04*
*Kuwait: Kuwaitis	12	**1.1**	*0.34*	0.10	*0.04*	9	**0.8**	*0.28*	0.14	*0.05*
*Kuwait: Non−Kuwaitis	14	**1.0**	*0.51*	0.05	*0.04*	6	**0.7**	*0.31*	0.09	*0.04*
*Malaysia, Penang	57	**2.7**	*0.36*	0.34	*0.05*	30	**1.2**	*0.21*	0.13	*0.03*
*Malaysia, Penang: Chinese	36	**2.7**	*0.45*	0.35	*0.07*	13	**0.8**	*0.22*	0.08	*0.03*
*Malaysia, Penang: Indian	9	**5.0**	*1.72*	0.78	*0.29*	9	**3.9**	*1.35*	0.27	*0.11*
*Malaysia, Penang: Malay	12	**1.9**	*0.56*	0.18	*0.06*	8	**1.1**	*0.38*	0.17	*0.07*
*Philippines, Manila	193	**2.7**	*0.21*	0.32	*0.03*	83	**0.9**	*0.10*	0.10	*0.01*
*Philippines, Rizal	185	**2.4**	*0.19*	0.32	*0.03*	68	**0.7**	*0.09*	0.09	*0.01*
Qatar: Qatari	8	**2.4**	*0.89*	0.19	*0.12*	11	**4.2**	*1.32*	0.60	*0.24*
*Saudi Arabia, Riyadh: Saudi	69	**1.6**	*0.19*	0.14	*0.03*	50	**1.3**	*0.18*	0.17	*0.03*
Singapore	335	**3.6**	*0.20*	0.43	*0.03*	83	**0.6**	*0.07*	0.04	*0.01*
Singapore: Chinese	306	**4.1**	*0.24*	0.50	*0.04*	74	**0.6**	*0.08*	0.04	*0.01*
Singapore: Indian	16	**2.0**	*0.52*	0.23	*0.08*	7	**0.8**	*0.33*	0.07	*0.05*
Singapore: Malay	11	**1.1**	*0.34*	0.12	*0.05*	2	**0.2**	*0.15*	0.02	*0.02*
Thailand, Bangkok	607	**4.6**	*0.19*	0.54	*0.03*	102	**0.6**	*0.06*	0.06	*0.01*
Thailand, Chiang Mai	64	**1.4**	*0.18*	0.17	*0.03*	22	**0.4**	*0.09*	0.05	*0.01*
Thailand, Chonburi	144	**6.1**	*0.51*	0.78	*0.08*	32	**1.1**	*0.19*	0.12	*0.03*
*Thailand, Khon Kaen	37	**0.9**	*0.15*	0.11	*0.02*	13	**0.3**	*0.07*	0.02	*0.01*
Thailand, Lampang	41	**1.7**	*0.27*	0.21	*0.04*	16	**0.6**	*0.15*	0.06	*0.02*
*Thailand, Songkhla	219	**9.0**	*0.62*	1.09	*0.09*	43	**1.4**	*0.23*	0.19	*0.04*
*Turkey, Antalya	55	**1.5**	*0.21*	0.15	*0.03*	39	**1.0**	*0.16*	0.11	*0.02*
*Turkey, Edirne	14	**1.4**	*0.38*	0.13	*0.05*	4	**0.3**	*0.15*	0.03	*0.02*
*Turkey, Izmir	244	**2.6**	*0.17*	0.33	*0.03*	165	**1.5**	*0.12*	0.15	*0.02*
*Turkey, Trabzon	22	**2.1**	*0.46*	0.28	*0.06*	13	**0.9**	*0.26*	0.08	*0.03*
Europe										
Austria	1541	**4.8**	*0.13*	0.59	*0.02*	371	**0.8**	*0.05*	0.10	*0.01*
Austria, Tyrol	99	**3.9**	*0.40*	0.47	*0.05*	27	**0.9**	*0.18*	0.11	*0.02*
Austria, Vorarlberg	68	**5.2**	*0.64*	0.58	*0.09*	17	**1.0**	*0.27*	0.12	*0.04*
*Belarus	1909	**6.6**	*0.16*	0.87	*0.02*	212	**0.4**	*0.03*	0.04	*0.00*
*Belgium	2684	**7.9**	*0.16*	0.96	*0.02*	937	**2.1**	*0.08*	0.25	*0.01*
Bulgaria	767	**2.5**	*0.09*	0.30	*0.01*	204	**0.4**	*0.03*	0.04	*0.00*
Croatia	923	**5.3**	*0.18*	0.67	*0.02*	192	**0.7**	*0.06*	0.07	*0.01*
Cyprus	34	**1.3**	*0.23*	0.18	*0.04*	11	**0.4**	*0.12*	0.05	*0.02*
Czech Republic	2035	**5.3**	*0.12*	0.64	*0.02*	417	**0.8**	*0.04*	0.08	*0.01*
Denmark	1403	**6.0**	*0.16*	0.72	*0.02*	606	**2.1**	*0.09*	0.25	*0.01*
*Estonia	226	**5.1**	*0.34*	0.62	*0.05*	54	**0.6**	*0.10*	0.07	*0.01*
Finland	773	**3.5**	*0.13*	0.44	*0.02*	402	**1.1**	*0.06*	0.12	*0.01*
*France, Bas−Rhin	336	**8.6**	*0.48*	1.15	*0.07*	71	**1.6**	*0.21*	0.20	*0.03*
*France, Calvados	280	**10.8**	*0.68*	1.29	*0.09*	54	**1.5**	*0.24*	0.16	*0.03*
*France, Doubs	135	**6.7**	*0.60*	0.85	*0.09*	26	**1.1**	*0.25*	0.14	*0.03*
*France, Haut−Rhin	211	**7.3**	*0.52*	0.89	*0.07*	36	**0.9**	*0.16*	0.10	*0.02*
*France, Hérault	241	**6.0**	*0.41*	0.70	*0.05*	77	**1.5**	*0.19*	0.18	*0.03*
*France, Isère	261	**6.0**	*0.38*	0.75	*0.05*	63	**1.1**	*0.16*	0.12	*0.02*
*France, Loire−Atlantique	488	**10.5**	*0.50*	1.23	*0.07*	96	**1.6**	*0.19*	0.19	*0.02*
*France, Manche	264	**11.4**	*0.76*	1.37	*0.11*	33	**1.0**	*0.21*	0.11	*0.03*
*France, Somme	290	**13.8**	*0.85*	1.71	*0.12*	47	**1.5**	*0.26*	0.18	*0.04*
*France, Tarn	100	**5.8**	*0.64*	0.67	*0.08*	29	**1.4**	*0.31*	0.17	*0.04*
*France, Vendée	217	**8.0**	*0.58*	0.95	*0.08*	38	**1.1**	*0.20*	0.13	*0.03*
Germany, Brandenburg	813	**7.0**	*0.25*	0.89	*0.03*	191	**1.2**	*0.10*	0.13	*0.01*
Germany, Bremen	225	**7.4**	*0.51*	0.90	*0.07*	91	**2.3**	*0.27*	0.26	*0.04*
Germany, Free State of Saxony	1256	**6.3**	*0.19*	0.78	*0.02*	249	**0.8**	*0.06*	0.09	*0.01*
Germany, Hamburg	593	**8.0**	*0.34*	1.00	*0.05*	216	**2.1**	*0.17*	0.25	*0.02*
Germany, Mecklenburg−Western Pomerania	634	**8.3**	*0.34*	1.02	*0.04*	103	**1.0**	*0.11*	0.13	*0.02*
Germany, Munich	950	**5.7**	*0.19*	0.71	*0.03*	231	**1.1**	*0.08*	0.14	*0.01*
Germany, North Rhine−Westphalia	717	**6.6**	*0.26*	0.84	*0.04*	239	**1.7**	*0.12*	0.20	*0.02*
Germany, Saarland	309	**6.2**	*0.37*	0.78	*0.05*	93	**1.4**	*0.16*	0.18	*0.02*
Germany, Schleswig−Holstein	839	**6.5**	*0.23*	0.84	*0.03*	280	**1.6**	*0.11*	0.19	*0.01*
Iceland	56	**5.3**	*0.74*	0.68	*0.12*	24	**1.8**	*0.41*	0.22	*0.07*
Ireland	1125	**8.2**	*0.25*	0.96	*0.04*	646	**3.5**	*0.15*	0.39	*0.02*
Italy, Biella	40	**3.5**	*0.61*	0.28	*0.07*	11	**0.6**	*0.21*	0.08	*0.03*
Italy, Brescia	172	**4.7**	*0.37*	0.57	*0.05*	50	**0.9**	*0.15*	0.12	*0.02*
Italy, Catania and Messina	61	**1.6**	*0.21*	0.19	*0.03*	27	**0.4**	*0.09*	0.04	*0.01*
Italy, Catanzaro	20	**2.3**	*0.54*	0.29	*0.07*	5	**0.4**	*0.18*	0.05	*0.03*
Italy, Como	85	**3.3**	*0.37*	0.42	*0.05*	35	**0.9**	*0.18*	0.11	*0.03*
Italy, Ferrara	58	**3.0**	*0.42*	0.40	*0.06*	25	**1.0**	*0.23*	0.12	*0.03*
Italy, Florence and Prato	73	**1.9**	*0.24*	0.24	*0.03*	44	**0.8**	*0.14*	0.10	*0.02*
Italy, Friuli−Venezia Giulia	376	**6.1**	*0.33*	0.78	*0.05*	137	**1.7**	*0.18*	0.21	*0.02*
Italy, Genoa	142	**3.3**	*0.31*	0.42	*0.04*	50	**0.6**	*0.11*	0.06	*0.02*
Italy, Latina	44	**2.1**	*0.34*	0.23	*0.04*	20	**0.7**	*0.18*	0.05	*0.02*
Italy, Lecco	46	**2.9**	*0.44*	0.34	*0.07*	15	**0.8**	*0.23*	0.07	*0.03*
Italy, Lombardy, South	100	**4.7**	*0.49*	0.58	*0.07*	23	**0.8**	*0.19*	0.10	*0.03*
Italy, Mantua	42	**3.5**	*0.59*	0.39	*0.08*	14	**0.8**	*0.23*	0.11	*0.04*
Italy, Milan	156	**3.0**	*0.26*	0.36	*0.04*	65	**0.7**	*0.11*	0.09	*0.02*
Italy, Modena	55	**1.7**	*0.24*	0.21	*0.03*	31	**0.6**	*0.15*	0.07	*0.02*
Italy, Naples	32	**1.8**	*0.32*	0.21	*0.05*	18	**0.8**	*0.19*	0.09	*0.03*
Italy, Nuoro	51	**5.0**	*0.73*	0.65	*0.10*	8	**0.5**	*0.19*	0.07	*0.03*
Italy, Palermo	58	**1.4**	*0.20*	0.17	*0.03*	28	**0.5**	*0.11*	0.06	*0.02*
Italy, Parma	73	**3.2**	*0.41*	0.38	*0.06*	25	**0.9**	*0.22*	0.11	*0.03*
Italy, Ragusa	13	**1.2**	*0.35*	0.15	*0.04*	1	**0.0**	*0.02*	–	-
Italy, Reggio Emilia	67	**2.9**	*0.38*	0.35	*0.05*	24	**0.8**	*0.19*	0.09	*0.03*
Italy, Romagna	108	**1.8**	*0.19*	0.21	*0.03*	50	**0.6**	*0.10*	0.07	*0.01*
Italy, Salerno	84	**1.8**	*0.21*	0.22	*0.03*	24	**0.4**	*0.09*	0.05	*0.01*
Italy, Sassari	87	**4.3**	*0.48*	0.52	*0.07*	20	**0.6**	*0.15*	0.05	*0.02*
Italy, Sondrio	47	**5.8**	*0.87*	0.79	*0.13*	14	**1.3**	*0.41*	0.13	*0.05*
Italy, South Tyrol	99	**6.3**	*0.66*	0.79	*0.09*	17	**1.0**	*0.25*	0.13	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Oesophagus (C15) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	26	**1.4**	*0.29*	0.18	*0.04*	11	**0.4**	*0.16*	0.05	*0.02*
Italy, Trapani	28	**1.5**	*0.31*	0.14	*0.04*	12	**0.5**	*0.17*	0.07	*0.03*
Italy, Trento	124	**6.5**	*0.62*	0.76	*0.09*	23	**0.7**	*0.18*	0.10	*0.03*
Italy, Turin	137	**2.8**	*0.26*	0.33	*0.04*	54	**0.7**	*0.11*	0.09	*0.02*
Italy, Umbria	88	**1.9**	*0.22*	0.23	*0.03*	25	**0.4**	*0.09*	0.04	*0.01*
Italy, Varese	150	**3.9**	*0.33*	0.46	*0.04*	35	**0.6**	*0.12*	0.07	*0.02*
Italy, Veneto	505	**5.8**	*0.27*	0.72	*0.04*	152	**1.1**	*0.10*	0.12	*0.01*
Latvia	397	**6.6**	*0.34*	0.86	*0.05*	87	**0.8**	*0.09*	0.10	*0.01*
Lithuania	761	**7.2**	*0.26*	0.91	*0.04*	129	**0.7**	*0.07*	0.08	*0.01*
Malta	50	**3.3**	*0.48*	0.44	*0.07*	19	**0.9**	*0.21*	0.10	*0.03*
*The Netherlands	5663	**8.6**	*0.12*	1.05	*0.02*	2178	**2.6**	*0.06*	0.30	*0.01*
*The Netherlands, Eindhoven	326	**7.8**	*0.44*	0.94	*0.06*	109	**2.2**	*0.23*	0.26	*0.03*
Norway	696	**3.7**	*0.15*	0.46	*0.02*	268	**1.0**	*0.07*	0.12	*0.01*
Poland, Cracow	73	**3.2**	*0.39*	0.46	*0.06*	34	**1.2**	*0.21*	0.13	*0.03*
Poland, Kielce	160	**3.6**	*0.30*	0.45	*0.04*	32	**0.5**	*0.10*	0.06	*0.01*
Poland, Lower Silesia	439	**4.6**	*0.23*	0.59	*0.03*	115	**0.8**	*0.08*	0.08	*0.01*
Poland, Podkarpackie	220	**3.5**	*0.24*	0.44	*0.03*	48	**0.5**	*0.07*	0.04	*0.01*
Portugal, Azores	45	**6.0**	*0.92*	0.68	*0.12*	2	**0.3**	*0.20*	0.03	*0.02*
Russian Federation, Saint Petersburg	1106	**7.6**	*0.23*	0.94	*0.03*	428	**1.2**	*0.07*	0.11	*0.01*
*Serbia, Central	700	**3.1**	*0.12*	0.39	*0.02*	197	**0.7**	*0.06*	0.09	*0.01*
Slovakia	1254	**7.6**	*0.22*	0.94	*0.03*	151	**0.7**	*0.06*	0.08	*0.01*
Slovenia	378	**4.9**	*0.26*	0.60	*0.04*	80	**0.7**	*0.09*	0.08	*0.01*
Spain, Albacete	60	**4.1**	*0.57*	0.49	*0.07*	6	**0.2**	*0.07*	0.01	*0.01*
Spain, Asturias	347	**7.0**	*0.40*	0.87	*0.05*	44	**0.5**	*0.10*	0.05	*0.01*
Spain, Basque Country	685	**7.6**	*0.30*	0.94	*0.04*	111	**0.9**	*0.10*	0.09	*0.01*
Spain, Canary Islands	283	**6.4**	*0.39*	0.84	*0.06*	49	**0.8**	*0.13*	0.09	*0.02*
Spain, Ciudad Real	59	**3.3**	*0.47*	0.42	*0.07*	12	**0.4**	*0.15*	0.03	*0.02*
Spain, Cuenca	42	**5.0**	*0.85*	0.60	*0.10*	4	**0.2**	*0.11*	0.02	*0.02*
Spain, Girona	141	**5.8**	*0.51*	0.69	*0.07*	30	**0.9**	*0.20*	0.10	*0.03*
*Spain, Granada	117	**3.6**	*0.36*	0.47	*0.05*	24	**0.6**	*0.14*	0.08	*0.02*
Spain, La Rioja	64	**4.8**	*0.66*	0.58	*0.09*	10	**0.6**	*0.23*	0.06	*0.03*
Spain, Mallorca	139	**5.0**	*0.44*	0.62	*0.06*	26	**0.8**	*0.17*	0.10	*0.02*
Spain, Murcia	179	**4.0**	*0.32*	0.47	*0.04*	25	**0.4**	*0.09*	0.04	*0.01*
Spain, Navarra	136	**5.5**	*0.50*	0.69	*0.07*	15	**0.6**	*0.17*	0.07	*0.02*
Spain, Tarragona	121	**4.4**	*0.42*	0.51	*0.05*	19	**0.5**	*0.14*	0.07	*0.02*
*Sweden	1486	**3.5**	*0.10*	0.44	*0.01*	535	**1.0**	*0.05*	0.12	*0.01*
Switzerland, Basel	117	**5.6**	*0.54*	0.73	*0.08*	40	**1.6**	*0.29*	0.19	*0.04*
Switzerland, Geneva	121	**7.4**	*0.69*	0.89	*0.10*	45	**2.1**	*0.34*	0.27	*0.05*
Switzerland, Graubünden and Glarus	54	**5.5**	*0.78*	0.72	*0.12*	15	**1.1**	*0.31*	0.15	*0.05*
Switzerland, Neuchâtel	49	**6.8**	*1.02*	0.86	*0.15*	12	**1.7**	*0.51*	0.23	*0.07*
Switzerland, St Gall–Appenzell	139	**6.4**	*0.56*	0.82	*0.08*	25	**0.9**	*0.21*	0.11	*0.03*
Switzerland, Ticino	86	**5.4**	*0.61*	0.63	*0.09*	30	**1.3**	*0.27*	0.14	*0.04*
Switzerland, Valais	85	**7.0**	*0.79*	0.87	*0.11*	19	**1.2**	*0.31*	0.14	*0.04*
Switzerland, Vaud	208	**8.0**	*0.58*	1.00	*0.08*	87	**2.5**	*0.30*	0.32	*0.04*
Switzerland, Zurich	250	**4.8**	*0.31*	0.60	*0.05*	106	**1.5**	*0.17*	0.19	*0.02*
Ukraine	8078	**5.4**	*0.06*	0.67	*0.01*	1256	**0.4**	*0.01*	0.05	*0.00*
UK, England	20672	**9.3**	*0.07*	1.10	*0.01*	11338	**3.5**	*0.04*	0.40	*0.01*
UK, England, East of England Region	2027	**7.6**	*0.18*	0.90	*0.03*	1163	**3.1**	*0.11*	0.34	*0.02*
UK, England, North Western	3134	**10.9**	*0.21*	1.31	*0.03*	1742	**4.2**	*0.12*	0.48	*0.02*
UK, England, Northern and Yorkshire	2787	**9.4**	*0.19*	1.13	*0.03*	1592	**3.7**	*0.11*	0.42	*0.02*
UK, England, Oxford Region	1075	**9.4**	*0.30*	1.12	*0.04*	541	**3.4**	*0.17*	0.37	*0.02*
UK, England, South and Western Regions	3165	**9.2**	*0.18*	1.06	*0.02*	1748	**3.4**	*0.10*	0.38	*0.01*
UK, England, Thames	4066	**9.0**	*0.15*	1.07	*0.02*	2091	**3.1**	*0.08*	0.34	*0.01*
UK, England, Trent	1334	**9.7**	*0.28*	1.17	*0.04*	748	**3.9**	*0.16*	0.44	*0.02*
UK, England, West Midlands	2291	**9.5**	*0.21*	1.13	*0.03*	1275	**3.8**	*0.12*	0.42	*0.02*
UK, Northern Ireland	562	**8.8**	*0.38*	1.04	*0.05*	287	**3.1**	*0.21*	0.36	*0.03*
UK, Scotland	2621	**11.8**	*0.24*	1.42	*0.03*	1554	**4.6**	*0.13*	0.52	*0.02*
UK, Wales	1388	**9.8**	*0.28*	1.17	*0.04*	791	**3.9**	*0.16*	0.45	*0.02*
Oceania										
Australian Capital Territory	39	**3.6**	*0.59*	0.42	*0.09*	17	**1.5**	*0.39*	0.23	*0.07*
Australia, New South Wales	1334	**4.9**	*0.14*	0.58	*0.02*	649	**1.7**	*0.08*	0.18	*0.01*
Australia, Northern Territory	40	**8.6**	*1.45*	1.05	*0.21*	10	**2.8**	*0.91*	0.24	*0.11*
Australia, Northern Territory: Indigenous	9	**8.9**	*3.00*	0.88	*0.31*	1	**1.4**	*1.42*	–	-
Australia, Northern Territory: Non–Indigenous	31	**8.4**	*1.61*	1.06	*0.23*	9	**3.2**	*1.13*	0.32	*0.15*
Australia, Queensland	774	**5.1**	*0.19*	0.58	*0.03*	349	**1.8**	*0.11*	0.21	*0.02*
South Australia	357	**5.2**	*0.29*	0.61	*0.04*	150	**1.6**	*0.15*	0.18	*0.02*
Australia, Tasmania	121	**6.0**	*0.57*	0.72	*0.08*	52	**1.7**	*0.27*	0.15	*0.04*
Australia, Victoria	1023	**5.0**	*0.17*	0.60	*0.02*	548	**1.8**	*0.09*	0.19	*0.01*
Western Australia	439	**5.9**	*0.29*	0.69	*0.04*	155	**1.6**	*0.14*	0.16	*0.02*
New Zealand	847	**5.5**	*0.20*	0.64	*0.03*	434	**2.0**	*0.11*	0.22	*0.02*
New Zealand: Maori	71	**7.4**	*0.90*	0.93	*0.14*	24	**2.4**	*0.51*	0.29	*0.07*
New Zealand: Pacific Islander	23	**6.6**	*1.50*	0.96	*0.23*	4	**1.0**	*0.48*	0.13	*0.08*
New Zealand: Other	753	**5.3**	*0.20*	0.60	*0.03*	406	**2.0**	*0.11*	0.22	*0.02*
USA, Hawaii	223	**4.6**	*0.33*	0.59	*0.05*	45	**0.7**	*0.12*	0.09	*0.02*
*USA, Hawaii: Chinese	16	**5.9**	*1.59*	0.88	*0.26*	2	**0.4**	*0.28*	0.07	*0.07*
*USA, Hawaii: Filipino	18	**3.0**	*0.76*	0.40	*0.12*	1	**0.1**	*0.06*	–	-
*USA, Hawaii: Hawaiian	40	**6.9**	*1.13*	1.07	*0.21*	10	**1.0**	*0.37*	0.14	*0.06*
*USA, Hawaii: Japanese	73	**5.5**	*0.71*	0.67	*0.10*	13	**0.8**	*0.25*	0.12	*0.04*
*USA, Hawaii: White	67	**4.8**	*0.62*	0.55	*0.09*	14	**0.8**	*0.24*	0.09	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Stomach (C16)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	141	**5.7**	*0.51*	–	-	84	**3.4**	*0.38*	–	-
Egypt, Gharbiah	216	**2.9**	*0.21*	0.32	*0.03*	158	**2.1**	*0.17*	0.24	*0.02*
*Libya, Benghazi	62	**4.9**	*0.65*	0.59	*0.10*	37	**3.0**	*0.52*	0.41	*0.09*
*Malawi, Blantyre	21	**2.0**	*0.52*	0.19	*0.06*	22	**2.5**	*0.60*	0.32	*0.08*
*South Africa, PROMEC	13	**1.0**	*0.27*	0.13	*0.04*	15	**0.5**	*0.15*	0.07	*0.02*
*Tunisia, North	407	**5.8**	*0.29*	0.71	*0.04*	227	**3.2**	*0.22*	0.36	*0.03*
*Uganda, Kyadondo County	84	**8.0**	*0.99*	1.10	*0.17*	78	**5.9**	*0.75*	0.77	*0.12*
*Zimbabwe, Harare: African	106	**11.7**	*1.27*	1.47	*0.20*	96	**14.2**	*1.56*	1.83	*0.25*
America, Central and South										
Argentina, Bahía Blanca	134	**14.4**	*1.32*	1.66	*0.18*	82	**6.1**	*0.79*	0.64	*0.10*
Argentina, Córdoba	288	**10.6**	*0.64*	1.37	*0.10*	162	**4.2**	*0.35*	0.49	*0.05*
Argentina, Mendoza	582	**13.1**	*0.56*	1.57	*0.08*	290	**5.1**	*0.32*	0.57	*0.04*
*Argentina, Tierra del Fuego	25	**13.5**	*2.99*	1.22	*0.37*	10	**6.2**	*2.03*	0.92	*0.35*
Brazil, Aracaju	81	**14.6**	*1.68*	1.70	*0.24*	61	**7.2**	*0.95*	0.93	*0.15*
Brazil, Belo Horizonte	486	**18.8**	*0.87*	2.17	*0.13*	338	**8.5**	*0.47*	0.95	*0.07*
Brazil, Cuiabá	176	**20.8**	*1.64*	2.68	*0.26*	98	**9.5**	*1.00*	1.14	*0.15*
Brazil, Fortaleza	500	**17.6**	*0.81*	2.07	*0.12*	342	**8.0**	*0.44*	0.91	*0.06*
Brazil, Goiânia	473	**24.4**	*1.15*	2.83	*0.17*	301	**11.6**	*0.69*	1.37	*0.10*
*Brazil, São Paulo	5168	**24.0**	*0.35*	2.75	*0.05*	3441	**10.9**	*0.20*	1.18	*0.03*
Chile, Region of Antofagasta	258	**23.7**	*1.51*	2.96	*0.24*	100	**7.5**	*0.77*	0.83	*0.11*
Chile, Bío Bío Province	418	**41.2**	*2.04*	4.95	*0.30*	189	**16.4**	*1.23*	1.86	*0.18*
Chile, Valdivia	365	**35.2**	*1.88*	4.17	*0.28*	162	**13.5**	*1.10*	1.46	*0.15*
Colombia, Bucaramanga	466	**22.4**	*1.06*	2.71	*0.16*	303	**10.3**	*0.61*	1.18	*0.09*
Colombia, Cali	1096	**26.0**	*0.81*	3.12	*0.12*	822	**13.9**	*0.50*	1.57	*0.07*
Colombia, Manizales	216	**23.6**	*1.64*	2.87	*0.25*	121	**10.0**	*0.93*	1.15	*0.13*
Colombia, Pasto	250	**32.5**	*2.11*	3.77	*0.31*	161	**15.9**	*1.29*	1.68	*0.18*
Costa Rica	2380	**26.5**	*0.56*	3.05	*0.09*	1512	**15.0**	*0.40*	1.65	*0.06*
Cuba, Villa Clara	206	**8.0**	*0.59*	0.89	*0.08*	119	**3.9**	*0.39*	0.46	*0.06*
Ecuador, Cuenca	188	**20.2**	*1.56*	2.30	*0.24*	184	**14.4**	*1.14*	1.61	*0.17*
Ecuador, Quito	712	**23.7**	*0.93*	2.56	*0.13*	580	**15.0**	*0.66*	1.67	*0.10*
*France, Martinique	231	**15.2**	*1.04*	1.66	*0.15*	167	**7.3**	*0.63*	0.77	*0.09*
*Jamaica, Kingston and St Andrew	107	**7.9**	*0.79*	1.05	*0.12*	73	**4.1**	*0.51*	0.54	*0.08*
USA, Puerto Rico	1078	**7.2**	*0.23*	0.80	*0.03*	765	**4.1**	*0.16*	0.44	*0.02*
Uruguay	960	**14.3**	*0.48*	1.65	*0.07*	648	**6.7**	*0.30*	0.71	*0.04*
America, North										
Canada	9640	**7.5**	*0.08*	0.87	*0.01*	5401	**3.3**	*0.05*	0.36	*0.01*
Canada, Alberta	795	**7.0**	*0.26*	0.81	*0.04*	428	**3.1**	*0.17*	0.32	*0.02*
Canada, British Columbia	1221	**6.7**	*0.20*	0.78	*0.03*	587	**2.7**	*0.12*	0.30	*0.02*
Canada, Manitoba	407	**8.5**	*0.45*	0.96	*0.07*	203	**3.2**	*0.26*	0.36	*0.04*
Canada, New Brunswick	275	**8.4**	*0.53*	0.98	*0.08*	157	**3.8**	*0.34*	0.43	*0.05*
Canada, Newfoundland and Labrador	262	**11.9**	*0.75*	1.33	*0.11*	150	**6.0**	*0.53*	0.71	*0.08*
*Canada, Northwest Territories	6	**6.4**	*2.79*	0.61	*0.33*	8	**8.6**	*3.22*	0.91	*0.48*
Canada, Nova Scotia	328	**8.2**	*0.47*	0.90	*0.07*	155	**2.9**	*0.26*	0.34	*0.04*
Canada, Ontario	3503	**7.3**	*0.13*	0.85	*0.02*	2015	**3.3**	*0.08*	0.36	*0.01*
Canada, Prince Edward Island	35	**6.1**	*1.06*	0.73	*0.16*	27	**4.3**	*0.91*	0.58	*0.14*
*Canada, Quebec	2530	**8.0**	*0.17*	0.91	*0.02*	1517	**3.6**	*0.10*	0.38	*0.01*
Canada, Saskatchewan	269	**6.4**	*0.42*	0.78	*0.06*	149	**2.7**	*0.27*	0.31	*0.04*
*Canada, Yukon	9	**9.4**	*3.24*	1.58	*0.64*	5	**5.4**	*2.51*	0.43	*0.23*
USA, NPCR (42 states)	56113	**5.9**	*0.03*	0.69	*0.00*	36044	**2.9**	*0.02*	0.32	*0.00*
USA, NPCR (42 states): American Indian	379	**6.0**	*0.31*	0.73	*0.05*	237	**3.0**	*0.20*	0.32	*0.03*
USA, NPCR (42 states): Asian and Pacific Islander	2981	**9.4**	*0.18*	1.06	*0.03*	2269	**5.6**	*0.12*	0.63	*0.02*
USA, NPCR (42 states): Black	8254	**10.0**	*0.11*	1.16	*0.02*	6182	**4.9**	*0.07*	0.54	*0.01*
USA, NPCR (42 states): White	43700	**5.3**	*0.03*	0.62	*0.00*	26864	**2.5**	*0.02*	0.28	*0.00*
USA, SEER (9 registries)	6366	**6.5**	*0.08*	0.75	*0.01*	3978	**3.1**	*0.05*	0.34	*0.01*
*USA, SEER (9 registries): Black	801	**10.4**	*0.38*	1.15	*0.06*	565	**4.8**	*0.21*	0.51	*0.03*
*USA, SEER (9 registries): White	4540	**5.7**	*0.09*	0.66	*0.01*	2669	**2.5**	*0.06*	0.28	*0.01*
USA, SEER (18 registries)	18428	**6.6**	*0.05*	0.77	*0.01*	12076	**3.3**	*0.03*	0.37	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	2356	**10.2**	*0.22*	1.16	*0.03*	1787	**6.1**	*0.15*	0.67	*0.02*
*USA, SEER (18 registries): Black	2376	**10.4**	*0.22*	1.20	*0.03*	1746	**5.1**	*0.13*	0.56	*0.02*
*USA, SEER (18 registries): Hispanic White	2664	**9.4**	*0.19*	1.11	*0.03*	2070	**5.9**	*0.14*	0.66	*0.02*
*USA, SEER (18 registries): Non–Hispanic White	10781	**5.3**	*0.05*	0.61	*0.01*	6325	**2.3**	*0.03*	0.25	*0.00*
*USA, SEER (18 registries): White	13445	**5.8**	*0.05*	0.67	*0.01*	8395	**2.8**	*0.03*	0.31	*0.00*
USA, Alabama	880	**5.3**	*0.19*	0.62	*0.03*	636	**2.8**	*0.12*	0.31	*0.02*
USA, Alabama: Black	298	**9.9**	*0.59*	1.09	*0.08*	218	**4.5**	*0.33*	0.54	*0.05*
USA, Alabama: White	575	**4.3**	*0.19*	0.51	*0.03*	405	**2.2**	*0.12*	0.25	*0.02*
USA, Alaska	115	**6.3**	*0.60*	0.72	*0.09*	51	**2.7**	*0.40*	0.29	*0.05*
*USA, Alaska: American Indian	51	**20.4**	*2.92*	2.26	*0.41*	26	**9.3**	*1.86*	0.95	*0.23*
USA, Arizona	1029	**4.7**	*0.15*	0.57	*0.02*	583	**2.3**	*0.10*	0.25	*0.01*
USA, Arizona: American Indian	52	**8.6**	*1.22*	1.00	*0.17*	37	**4.5**	*0.76*	0.46	*0.10*
USA, Arizona: Asian and Pacific Islander	13	**3.5**	*1.01*	0.36	*0.14*	17	**3.7**	*0.91*	0.55	*0.15*
USA, Arizona: Black	47	**9.7**	*1.44*	1.30	*0.24*	20	**3.5**	*0.82*	0.40	*0.11*
USA, Arizona: White	906	**4.4**	*0.16*	0.53	*0.02*	507	**2.1**	*0.10*	0.23	*0.01*
USA, Arkansas	590	**5.7**	*0.24*	0.70	*0.04*	349	**2.6**	*0.16*	0.31	*0.02*
USA, Arkansas: Black	109	**10.2**	*1.01*	1.16	*0.15*	91	**6.4**	*0.72*	0.80	*0.11*
USA, Arkansas: White	475	**5.1**	*0.24*	0.64	*0.04*	252	**2.1**	*0.15*	0.24	*0.02*
USA, California	7963	**6.8**	*0.08*	0.79	*0.01*	5322	**3.6**	*0.05*	0.41	*0.01*
USA, California: American Indian	35	**3.3**	*0.58*	0.47	*0.10*	20	**1.4**	*0.33*	0.14	*0.04*
USA, California: Asian and Pacific Islander	1490	**10.0**	*0.27*	1.11	*0.04*	1146	**6.0**	*0.19*	0.67	*0.03*
USA, California: Black	578	**9.0**	*0.38*	1.02	*0.06*	415	**4.6**	*0.24*	0.51	*0.04*
USA, California: White	5764	**6.1**	*0.08*	0.71	*0.01*	3661	**3.1**	*0.06*	0.35	*0.01*
USA, California, Los Angeles County	2504	**8.4**	*0.18*	0.98	*0.03*	1860	**4.8**	*0.12*	0.54	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander	647	**13.7**	*0.56*	1.54	*0.08*	463	**7.6**	*0.37*	0.84	*0.05*
*USA, California, Los Angeles County: Black	255	**9.3**	*0.60*	1.04	*0.09*	223	**5.4**	*0.38*	0.61	*0.06*
*USA, California, Los Angeles County: Chinese	153	**9.9**	*0.86*	0.95	*0.12*	118	**6.5**	*0.64*	0.60	*0.09*
*USA, California, Los Angeles County: Filipino	49	**5.0**	*0.74*	0.52	*0.10*	46	**3.5**	*0.54*	0.38	*0.07*
*USA, California, Los Angeles County: Hispanic White	766	**10.0**	*0.38*	1.16	*0.06*	697	**6.8**	*0.27*	0.76	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Stomach (C16) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	112	**15.4**	*1.82*	1.62	*0.25*	82	**10.0**	*1.35*	1.15	*0.18*
*USA, California, Los Angeles County: Korean	245	**39.4**	*2.56*	4.91	*0.41*	157	**17.6**	*1.46*	1.85	*0.21*
*USA, California, Los Angeles County: Non−Hispanic White	824	**5.7**	*0.21*	0.67	*0.03*	466	**2.3**	*0.13*	0.25	*0.02*
*USA, California, Los Angeles County: White	1590	**7.3**	*0.19*	0.85	*0.03*	1163	**4.2**	*0.14*	0.47	*0.02*
USA, California, San Francisco Bay Area	1064	**7.0**	*0.22*	0.81	*0.03*	708	**3.6**	*0.15*	0.40	*0.02*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	307	**9.2**	*0.55*	1.02	*0.08*	227	**5.3**	*0.38*	0.59	*0.05*
*USA, California, San Francisco Bay Area: Black	123	**9.9**	*0.92*	1.13	*0.14*	81	**4.3**	*0.53*	0.44	*0.07*
*USA, California, San Francisco Bay Area: Hispanic White	157	**10.5**	*0.89*	1.23	*0.14*	123	**6.5**	*0.62*	0.75	*0.09*
*USA, California, San Francisco Bay Area: Non−Hispanic White	461	**5.0**	*0.25*	0.59	*0.04*	270	**2.2**	*0.16*	0.23	*0.02*
*USA, California, San Francisco Bay Area: White	618	**5.9**	*0.25*	0.69	*0.04*	393	**2.9**	*0.17*	0.32	*0.02*
USA, Colorado	699	**4.6**	*0.18*	0.57	*0.03*	397	**2.1**	*0.11*	0.23	*0.02*
USA, Colorado: Asian and Pacific Islander	29	**10.3**	*1.99*	1.12	*0.29*	20	**4.9**	*1.15*	0.62	*0.18*
USA, Colorado: Black	26	**6.0**	*1.22*	0.74	*0.19*	26	**5.2**	*1.04*	0.70	*0.16*
USA, Colorado: White	630	**4.4**	*0.18*	0.54	*0.03*	346	**1.9**	*0.11*	0.20	*0.02*
USA, Connecticut	1039	**7.6**	*0.25*	0.88	*0.04*	613	**3.3**	*0.16*	0.36	*0.02*
*USA, Connecticut: Black	105	**13.0**	*1.30*	1.44	*0.18*	69	**5.9**	*0.74*	0.69	*0.11*
*USA, Connecticut: White	906	**7.2**	*0.25*	0.83	*0.04*	532	**3.1**	*0.16*	0.33	*0.02*
USA, Delaware	199	**6.2**	*0.46*	0.73	*0.07*	125	**3.0**	*0.30*	0.36	*0.04*
USA, Delaware: Black	36	**8.8**	*1.50*	1.16	*0.24*	40	**6.7**	*1.11*	0.91	*0.19*
USA, Delaware: White	159	**5.8**	*0.49*	0.67	*0.07*	75	**2.1**	*0.27*	0.23	*0.04*
USA, Florida	4281	**5.4**	*0.09*	0.64	*0.01*	2737	**2.8**	*0.06*	0.32	*0.01*
USA, Florida: Asian and Pacific Islander	35	**3.4**	*0.57*	0.48	*0.10*	39	**2.7**	*0.44*	0.31	*0.06*
USA, Florida: Black	619	**9.6**	*0.39*	1.14	*0.06*	499	**5.4**	*0.26*	0.60	*0.04*
USA, Florida: White	3551	**4.9**	*0.09*	0.57	*0.01*	2143	**2.5**	*0.06*	0.28	*0.01*
USA, Georgia	1513	**5.6**	*0.15*	0.66	*0.02*	1024	**2.9**	*0.10*	0.33	*0.01*
USA, Georgia: Asian and Pacific Islander	47	**8.9**	*1.35*	0.96	*0.19*	39	**6.4**	*1.06*	0.86	*0.18*
USA, Georgia: Black	572	**10.6**	*0.46*	1.25	*0.07*	430	**5.0**	*0.26*	0.57	*0.04*
USA, Georgia: White	884	**4.2**	*0.14*	0.49	*0.02*	546	**2.0**	*0.10*	0.23	*0.01*
USA, Georgia, Atlanta	468	**5.6**	*0.27*	0.66	*0.04*	320	**2.9**	*0.17*	0.34	*0.03*
*USA, Georgia, Atlanta: Black	196	**9.4**	*0.71*	1.07	*0.10*	159	**4.6**	*0.39*	0.50	*0.06*
*USA, Georgia, Atlanta: White	230	**4.0**	*0.27*	0.48	*0.04*	134	**1.9**	*0.18*	0.22	*0.03*
USA, Idaho	243	**4.8**	*0.32*	0.62	*0.05*	111	**1.9**	*0.19*	0.20	*0.03*
USA, Illinois	2876	**6.5**	*0.13*	0.75	*0.02*	1902	**3.2**	*0.08*	0.35	*0.01*
USA, Illinois: Asian and Pacific Islander	96	**7.3**	*0.75*	0.86	*0.11*	96	**5.8**	*0.60*	0.69	*0.09*
USA, Illinois: Black	544	**11.5**	*0.51*	1.33	*0.07*	386	**5.2**	*0.28*	0.54	*0.04*
USA, Illinois: White	2187	**5.7**	*0.13*	0.65	*0.02*	1399	**2.7**	*0.08*	0.29	*0.01*
USA, Indiana	1095	**4.9**	*0.15*	0.57	*0.02*	654	**2.1**	*0.09*	0.24	*0.01*
USA, Indiana: Black	115	**8.7**	*0.84*	1.06	*0.13*	83	**3.8**	*0.45*	0.40	*0.07*
USA, Indiana: White	956	**4.5**	*0.15*	0.53	*0.02*	556	**2.0**	*0.10*	0.22	*0.01*
USA, Iowa	615	**5.1**	*0.22*	0.58	*0.03*	345	**2.1**	*0.14*	0.24	*0.02*
USA, Kentucky	755	**5.0**	*0.19*	0.60	*0.03*	505	**2.4**	*0.12*	0.27	*0.02*
USA, Louisiana	877	**7.4**	*0.26*	0.89	*0.04*	574	**3.5**	*0.16*	0.37	*0.02*
*USA, Louisiana: Black	362	**13.4**	*0.72*	1.60	*0.11*	257	**6.2**	*0.41*	0.67	*0.06*
*USA, Louisiana: White	502	**5.5**	*0.26*	0.68	*0.04*	310	**2.4**	*0.16*	0.26	*0.02*
*USA, Louisiana, New Orleans	209	**9.0**	*0.65*	1.15	*0.10*	131	**3.7**	*0.36*	0.40	*0.05*
*USA, Louisiana, New Orleans: Black	93	**13.9**	*1.48*	1.75	*0.23*	67	**6.5**	*0.82*	0.75	*0.13*
*USA, Louisiana, New Orleans: White	111	**6.8**	*0.68*	0.88	*0.11*	60	**2.2**	*0.35*	0.20	*0.05*
USA, Maine	296	**5.4**	*0.33*	0.63	*0.05*	162	**2.2**	*0.19*	0.24	*0.03*
USA, Massachusetts	1579	**6.4**	*0.17*	0.72	*0.03*	1014	**2.8**	*0.10*	0.31	*0.02*
USA, Massachusetts: Asian and Pacific Islander	48	**7.5**	*1.11*	0.84	*0.16*	49	**6.2**	*0.91*	0.82	*0.16*
USA, Massachusetts: Black	111	**11.6**	*1.13*	1.39	*0.18*	70	**4.8**	*0.61*	0.45	*0.08*
USA, Massachusetts: White	1405	**6.0**	*0.17*	0.68	*0.03*	882	**2.6**	*0.10*	0.28	*0.02*
USA, Michigan	2231	**6.0**	*0.13*	0.71	*0.02*	1362	**2.8**	*0.08*	0.30	*0.01*
USA, Michigan: Asian and Pacific Islander	38	**7.9**	*1.33*	0.67	*0.16*	20	**3.5**	*0.80*	0.36	*0.10*
USA, Michigan: Black	393	**10.6**	*0.56*	1.16	*0.08*	291	**5.2**	*0.32*	0.54	*0.05*
USA, Michigan: White	1761	**5.4**	*0.14*	0.64	*0.02*	1029	**2.4**	*0.08*	0.26	*0.01*
USA, Michigan, Detroit	1093	**7.7**	*0.24*	0.87	*0.04*	708	**3.4**	*0.15*	0.37	*0.02*
*USA, Michigan, Detroit: Black	311	**11.4**	*0.67*	1.22	*0.10*	220	**5.0**	*0.36*	0.51	*0.05*
*USA, Michigan, Detroit: White	743	**6.7**	*0.26*	0.77	*0.04*	473	**2.9**	*0.16*	0.32	*0.02*
USA, Mississippi	622	**6.5**	*0.27*	0.78	*0.04*	408	**3.0**	*0.16*	0.33	*0.02*
USA, Missouri	1105	**5.1**	*0.16*	0.60	*0.02*	658	**2.3**	*0.10*	0.25	*0.01*
USA, Missouri: Black	152	**9.8**	*0.82*	1.24	*0.13*	103	**4.1**	*0.43*	0.44	*0.06*
USA, Missouri: White	929	**4.6**	*0.16*	0.53	*0.02*	532	**2.0**	*0.10*	0.22	*0.01*
USA, Montana	184	**4.7**	*0.36*	0.54	*0.05*	111	**2.4**	*0.25*	0.26	*0.04*
USA, Montana: American Indian	15	**11.5**	*3.02*	1.37	*0.44*	14	**8.5**	*2.31*	0.77	*0.24*
USA, Nebraska	329	**5.1**	*0.30*	0.60	*0.04*	157	**1.7**	*0.16*	0.19	*0.02*
USA, Nebraska: Black	13	**9.0**	*2.56*	1.16	*0.35*	9	**4.0**	*1.44*	0.36	*0.19*
USA, Nebraska: White	308	**4.9**	*0.30*	0.58	*0.04*	146	**1.6**	*0.16*	0.18	*0.02*
USA, New Hampshire	258	**5.2**	*0.33*	0.62	*0.05*	135	**1.9**	*0.19*	0.20	*0.03*
USA, New Jersey	2436	**7.6**	*0.16*	0.89	*0.02*	1674	**3.7**	*0.10*	0.40	*0.01*
*USA, New Jersey: Black	325	**10.4**	*0.59*	1.22	*0.09*	262	**5.3**	*0.34*	0.57	*0.05*
*USA, New Jersey: White	1915	**7.0**	*0.17*	0.81	*0.03*	1296	**3.3**	*0.11*	0.35	*0.02*
USA, New Mexico	460	**6.4**	*0.31*	0.77	*0.05*	278	**3.3**	*0.22*	0.36	*0.03*
*USA, New Mexico: Hispanic White	208	**9.2**	*0.66*	1.09	*0.10*	133	**4.8**	*0.44*	0.52	*0.06*
*USA, New Mexico: Non−Hispanic White	192	**4.4**	*0.35*	0.53	*0.05*	110	**2.4**	*0.27*	0.26	*0.03*
*USA, New Mexico: White	400	**6.1**	*0.32*	0.72	*0.05*	243	**3.2**	*0.23*	0.35	*0.03*
USA, New York State	5675	**8.1**	*0.11*	0.96	*0.02*	3981	**4.1**	*0.07*	0.46	*0.01*
USA, New York State: Asian and Pacific Islander	512	**13.8**	*0.62*	1.65	*0.09*	275	**6.3**	*0.39*	0.70	*0.06*
USA, New York State: Black	901	**10.5**	*0.36*	1.20	*0.05*	849	**6.0**	*0.22*	0.66	*0.03*
USA, New York State: White	4137	**7.1**	*0.12*	0.84	*0.02*	2790	**3.5**	*0.08*	0.39	*0.01*
USA, North Carolina	1636	**5.4**	*0.14*	0.66	*0.02*	1050	**2.5**	*0.09*	0.28	*0.01*
USA, North Carolina: American Indian	13	**5.1**	*1.43*	0.60	*0.22*	10	**2.5**	*0.83*	0.31	*0.13*
USA, North Carolina: Asian and Pacific Islander	15	**4.6**	*1.23*	0.52	*0.18*	14	**3.4**	*0.93*	0.39	*0.13*
USA, North Carolina: Black	476	**10.0**	*0.47*	1.19	*0.07*	344	**4.4**	*0.26*	0.47	*0.04*
USA, North Carolina: White	1112	**4.5**	*0.14*	0.54	*0.02*	671	**2.0**	*0.09*	0.23	*0.01*
USA, North Dakota	119	**4.7**	*0.47*	0.57	*0.07*	96	**2.8**	*0.34*	0.32	*0.05*
USA, Ohio	2327	**5.3**	*0.12*	0.62	*0.02*	1503	**2.5**	*0.07*	0.27	*0.01*
USA, Ohio: Asian and Pacific Islander	23	**5.7**	*1.22*	0.64	*0.16*	20	**3.8**	*0.87*	0.45	*0.14*
USA, Ohio: Black	310	**8.6**	*0.51*	0.99	*0.07*	277	**5.0**	*0.32*	0.51	*0.04*
USA, Ohio: White	1960	**4.9**	*0.12*	0.58	*0.02*	1169	**2.2**	*0.07*	0.23	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Stomach (C16) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	676	**5.2**	*0.21*	0.64	*0.03*	423	**2.5**	*0.14*	0.28	*0.02*
USA, Oklahoma: American Indian	71	**9.4**	*1.13*	1.19	*0.17*	41	**4.2**	*0.68*	0.44	*0.09*
USA, Oklahoma: Black	54	**8.2**	*1.14*	0.90	*0.17*	49	**5.5**	*0.85*	0.63	*0.12*
USA, Oklahoma: White	535	**4.6**	*0.21*	0.57	*0.03*	318	**2.1**	*0.14*	0.24	*0.02*
USA, Oregon	625	**4.4**	*0.18*	0.51	*0.03*	411	**2.4**	*0.13*	0.28	*0.02*
USA, Oregon: Asian and Pacific Islander	23	**7.2**	*1.56*	0.85	*0.23*	32	**7.1**	*1.31*	0.74	*0.18*
USA, Oregon: Black	12	**7.0**	*2.10*	0.74	*0.28*	9	**4.9**	*1.74*	0.66	*0.29*
USA, Oregon: White	573	**4.2**	*0.18*	0.48	*0.03*	356	**2.1**	*0.13*	0.26	*0.02*
USA, Pennsylvania	3256	**6.3**	*0.12*	0.72	*0.02*	2031	**2.7**	*0.07*	0.28	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	61	**9.0**	*1.18*	1.00	*0.17*	51	**6.5**	*0.93*	0.71	*0.14*
USA, Pennsylvania: Black	357	**10.3**	*0.57*	1.22	*0.08*	270	**5.0**	*0.33*	0.55	*0.05*
USA, Pennsylvania: White	2796	**5.8**	*0.12*	0.66	*0.02*	1685	**2.3**	*0.07*	0.25	*0.01*
USA, Rhode Island	315	**7.6**	*0.46*	0.88	*0.07*	183	**3.0**	*0.26*	0.37	*0.04*
USA, Rhode Island: Black	16	**11.5**	*2.98*	1.60	*0.53*	7	**4.2**	*1.62*	0.69	*0.29*
USA, Rhode Island: White	295	**7.5**	*0.47*	0.86	*0.07*	172	**2.9**	*0.27*	0.35	*0.04*
USA, South Carolina	955	**6.3**	*0.21*	0.78	*0.03*	616	**3.0**	*0.13*	0.33	*0.02*
USA, South Carolina: Black	385	**12.1**	*0.63*	1.45	*0.10*	239	**4.9**	*0.34*	0.53	*0.05*
USA, South Carolina: White	552	**4.7**	*0.21*	0.59	*0.03*	362	**2.3**	*0.13*	0.26	*0.02*
USA, South Dakota	157	**5.0**	*0.43*	0.60	*0.06*	80	**2.1**	*0.28*	0.24	*0.04*
USA, Tennessee	1088	**5.0**	*0.16*	0.57	*0.02*	725	**2.6**	*0.11*	0.29	*0.01*
USA, Tennessee: Black	197	**8.5**	*0.63*	0.92	*0.09*	149	**4.2**	*0.37*	0.47	*0.05*
USA, Tennessee: White	871	**4.6**	*0.16*	0.52	*0.02*	561	**2.3**	*0.11*	0.26	*0.02*
USA, Texas	4342	**6.3**	*0.10*	0.74	*0.01*	2778	**3.2**	*0.07*	0.37	*0.01*
USA, Texas: Asian and Pacific Islander	119	**6.9**	*0.65*	0.82	*0.10*	73	**3.3**	*0.40*	0.32	*0.05*
USA, Texas: Black	641	**10.5**	*0.43*	1.15	*0.06*	428	**4.8**	*0.25*	0.51	*0.03*
USA, Texas: White	3478	**5.8**	*0.10*	0.68	*0.01*	2219	**3.0**	*0.07*	0.34	*0.01*
USA, Utah	274	**4.0**	*0.25*	0.47	*0.04*	165	**1.9**	*0.16*	0.20	*0.02*
USA, Vermont	108	**4.0**	*0.41*	0.44	*0.06*	60	**1.9**	*0.28*	0.19	*0.04*
USA, Virginia	1388	**5.4**	*0.15*	0.63	*0.02*	854	**2.5**	*0.09*	0.27	*0.01*
USA, Virginia: Asian and Pacific Islander	81	**9.7**	*1.10*	1.12	*0.15*	63	**5.7**	*0.73*	0.62	*0.10*
USA, Virginia: Black	374	**9.7**	*0.52*	1.12	*0.08*	221	**3.8**	*0.27*	0.41	*0.04*
USA, Virginia: White	903	**4.3**	*0.15*	0.50	*0.02*	553	**2.0**	*0.09*	0.21	*0.01*
USA, Washington State	1234	**5.4**	*0.16*	0.64	*0.02*	715	**2.5**	*0.10*	0.28	*0.02*
USA, Washington, Seattle	864	**5.6**	*0.20*	0.66	*0.03*	516	**2.7**	*0.13*	0.30	*0.02*
USA, West Virginia	392	**5.0**	*0.27*	0.58	*0.04*	273	**2.9**	*0.19*	0.35	*0.03*
USA, Wisconsin	1102	**5.2**	*0.17*	0.61	*0.02*	668	**2.5**	*0.11*	0.27	*0.02*
USA, Wisconsin: Black	67	**11.6**	*1.46*	1.53	*0.23*	48	**5.2**	*0.78*	0.51	*0.11*
USA, Wisconsin: White	997	**4.9**	*0.16*	0.57	*0.02*	591	**2.3**	*0.11*	0.25	*0.02*
USA, Wyoming	83	**4.3**	*0.49*	0.51	*0.07*	53	**2.2**	*0.33*	0.23	*0.04*
Asia										
Bahrain: Bahraini	34	**4.9**	*0.85*	0.60	*0.13*	29	**3.7**	*0.71*	0.37	*0.10*
China, Beijing City	4619	**15.0**	*0.23*	1.82	*0.03*	2120	**6.8**	*0.15*	0.78	*0.02*
*China, Cixian County	1105	**97.4**	*3.02*	12.66	*0.44*	565	**45.4**	*1.96*	5.84	*0.28*
China, Haining County	446	**21.4**	*1.07*	2.48	*0.14*	254	**10.4**	*0.68*	1.23	*0.10*
*China, Harbin City, Nangang District	728	**24.3**	*0.93*	2.95	*0.13*	346	**11.0**	*0.60*	1.32	*0.08*
China, Hong Kong	3180	**12.1**	*0.22*	1.38	*0.03*	1923	**6.1**	*0.15*	0.63	*0.02*
China, Jiashan County	497	**32.5**	*1.50*	4.17	*0.22*	221	**12.9**	*0.92*	1.57	*0.13*
China, Jiaxing City	272	**23.3**	*1.46*	2.70	*0.20*	122	**10.3**	*0.98*	1.13	*0.13*
China, Macao	180	**14.2**	*1.11*	1.58	*0.17*	85	**5.6**	*0.67*	0.64	*0.10*
China, Qidong County	1360	**30.9**	*0.85*	3.73	*0.12*	804	**15.8**	*0.59*	1.76	*0.08*
*China, Shanghai City	7959	**26.6**	*0.31*	3.06	*0.05*	4728	**14.1**	*0.23*	1.56	*0.03*
*China, Wuhan City	3673	**25.5**	*0.43*	3.10	*0.06*	1837	**12.2**	*0.29*	1.44	*0.04*
*China, Yangcheng County	1416	**168.9**	*4.98*	22.12	*0.69*	507	**57.8**	*2.66*	7.56	*0.38*
*China, Yanting County	2176	**138.4**	*3.06*	16.50	*0.42*	1173	**68.0**	*2.01*	8.12	*0.29*
*China, Zhongshan City	348	**12.8**	*0.70*	1.50	*0.10*	181	**5.7**	*0.44*	0.63	*0.06*
*India, Bangalore	685	**9.6**	*0.38*	1.21	*0.06*	374	**5.1**	*0.27*	0.62	*0.04*
*India; Barshi, Paranda, and Bhum	25	**2.3**	*0.48*	0.27	*0.06*	21	**1.7**	*0.39*	0.20	*0.05*
*India, Bhopal	60	**2.8**	*0.37*	0.35	*0.05*	24	**1.2**	*0.25*	0.17	*0.04*
*India, Chennai	1187	**11.9**	*0.35*	1.48	*0.05*	595	**5.9**	*0.24*	0.70	*0.03*
*India, Dindigul, Ambilikkai	293	**6.1**	*0.36*	0.74	*0.05*	135	**2.8**	*0.25*	0.35	*0.04*
*India, Karunagappally	73	**6.9**	*0.81*	0.87	*0.12*	34	**2.5**	*0.43*	0.27	*0.06*
*India, Mizoram	752	**50.6**	*1.90*	6.24	*0.27*	347	**24.9**	*1.36*	3.19	*0.20*
*India, Mumbai	1088	**4.5**	*0.14*	0.55	*0.02*	590	**2.5**	*0.10*	0.29	*0.01*
*India, New Delhi	813	**3.2**	*0.12*	0.41	*0.02*	355	**1.5**	*0.08*	0.17	*0.01*
*India, Poona	294	**4.2**	*0.25*	0.48	*0.04*	129	**1.8**	*0.16*	0.20	*0.02*
*India, Sikkim State	136	**15.3**	*1.34*	1.94	*0.20*	58	**8.1**	*1.09*	0.90	*0.15*
*India, Trivandrum	99	**6.2**	*0.63*	0.78	*0.09*	26	**1.3**	*0.25*	0.13	*0.03*
*Iran (Islamic Republic of), Golestan Province	476	**30.4**	*1.47*	3.48	*0.20*	199	**12.6**	*0.92*	1.47	*0.13*
Israel	2015	**10.1**	*0.24*	1.13	*0.03*	1373	**5.5**	*0.16*	0.60	*0.02*
*Israel: Jews	1838	**10.0**	*0.25*	1.14	*0.04*	1253	**5.4**	*0.17*	0.59	*0.02*
*Israel: Non–Jews	177	**9.9**	*0.77*	1.01	*0.10*	120	**6.0**	*0.56*	0.67	*0.08*
Japan, Aichi Prefecture	3079	**50.2**	*0.93*	6.09	*0.13*	1369	**19.0**	*0.57*	2.08	*0.08*
Japan, Fukui Prefecture	2828	**62.6**	*1.29*	7.53	*0.18*	1547	**25.8**	*0.82*	2.93	*0.11*
Japan, Hiroshima	3885	**72.5**	*1.21*	8.71	*0.17*	1804	**26.2**	*0.70*	2.94	*0.09*
Japan, Miyagi Prefecture	8151	**66.7**	*0.79*	8.32	*0.11*	3607	**22.8**	*0.45*	2.56	*0.06*
Japan, Nagasaki Prefecture	4624	**55.2**	*0.90*	6.57	*0.12*	2412	**21.3**	*0.54*	2.42	*0.07*
Japan, Niigata Prefecture	10372	**72.4**	*0.78*	9.01	*0.11*	5147	**27.5**	*0.48*	3.15	*0.06*
*Japan, Osaka Prefecture	20763	**45.3**	*0.33*	5.36	*0.05*	9897	**17.3**	*0.20*	1.89	*0.03*
Japan, Saga Prefecture	2463	**51.2**	*1.13*	6.23	*0.16*	1286	**18.9**	*0.66*	2.14	*0.09*
Republic of Korea	84325	**64.6**	*0.23*	8.00	*0.03*	42641	**25.4**	*0.13*	2.95	*0.02*
Republic of Korea, Busan	6343	**61.9**	*0.81*	7.54	*0.12*	3332	**25.9**	*0.45*	2.92	*0.06*
Republic of Korea, Daegu	4061	**64.2**	*1.04*	7.91	*0.15*	2212	**27.1**	*0.58*	3.19	*0.08*
Republic of Korea, Daejeon	2535	**75.4**	*1.55*	9.34	*0.23*	1188	**27.6**	*0.82*	3.17	*0.11*
Republic of Korea, Gwangju	1968	**60.9**	*1.41*	7.50	*0.21*	1174	**27.6**	*0.82*	3.31	*0.12*
Republic of Korea, Incheon	3563	**58.6**	*1.02*	7.24	*0.15*	1691	**21.9**	*0.55*	2.56	*0.08*
Republic of Korea, Jejudo	681	**57.3**	*2.24*	6.97	*0.31*	384	**22.6**	*1.22*	2.54	*0.16*
Republic of Korea, Seoul	14808	**57.3**	*0.49*	7.03	*0.07*	7441	**23.0**	*0.27*	2.60	*0.04*
Republic of Korea, Ulsan	1570	**69.2**	*1.92*	8.43	*0.28*	827	**28.6**	*1.04*	3.21	*0.14*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Stomach (C16) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	109	**3.0**	*0.37*	0.26	*0.04*	44	**1.6**	*0.27*	0.21	*0.05*
*Kuwait: Kuwaitis	48	**4.2**	*0.62*	0.38	*0.07*	23	**1.5**	*0.32*	0.19	*0.05*
*Kuwait: Non−Kuwaitis	61	**2.6**	*0.58*	0.24	*0.06*	21	**2.0**	*0.55*	0.25	*0.09*
*Malaysia, Penang	189	**8.8**	*0.65*	1.00	*0.10*	128	**4.8**	*0.43*	0.52	*0.06*
*Malaysia, Penang: Chinese	143	**10.8**	*0.91*	1.22	*0.13*	95	**5.7**	*0.59*	0.59	*0.08*
*Malaysia, Penang: Indian	18	**8.7**	*2.18*	1.12	*0.34*	15	**7.1**	*1.88*	0.72	*0.24*
*Malaysia, Penang: Malay	27	**3.5**	*0.72*	0.39	*0.10*	16	**1.8**	*0.47*	0.25	*0.08*
*Philippines, Manila	538	**7.9**	*0.37*	0.86	*0.05*	437	**4.7**	*0.23*	0.55	*0.04*
*Philippines, Rizal	514	**6.7**	*0.32*	0.81	*0.05*	402	**4.1**	*0.21*	0.48	*0.03*
Qatar: Qatari	17	**6.8**	*1.77*	0.92	*0.27*	12	**4.6**	*1.39*	0.62	*0.23*
*Saudi Arabia, Riyadh: Saudi	190	**4.4**	*0.33*	0.49	*0.05*	106	**2.3**	*0.24*	0.27	*0.03*
Singapore	1325	**14.0**	*0.39*	1.53	*0.06*	850	**7.1**	*0.25*	0.73	*0.04*
Singapore: Chinese	1195	**15.9**	*0.47*	1.71	*0.07*	782	**7.8**	*0.29*	0.81	*0.04*
Singapore: Indian	68	**9.2**	*1.17*	1.13	*0.18*	29	**4.7**	*0.92*	0.49	*0.12*
Singapore: Malay	50	**4.6**	*0.68*	0.56	*0.11*	33	**2.6**	*0.46*	0.29	*0.07*
Thailand, Bangkok	636	**4.9**	*0.20*	0.53	*0.03*	573	**3.2**	*0.14*	0.33	*0.02*
Thailand, Chiang Mai	279	**6.2**	*0.38*	0.81	*0.06*	203	**4.1**	*0.30*	0.52	*0.04*
Thailand, Chonburi	112	**4.3**	*0.41*	0.51	*0.06*	118	**3.6**	*0.34*	0.38	*0.05*
*Thailand, Khon Kaen	104	**2.5**	*0.25*	0.30	*0.04*	85	**1.7**	*0.19*	0.20	*0.03*
Thailand, Lampang	110	**4.4**	*0.42*	0.50	*0.06*	70	**2.5**	*0.31*	0.29	*0.04*
*Thailand, Songkhla	76	**3.0**	*0.35*	0.34	*0.05*	45	**1.6**	*0.24*	0.19	*0.03*
*Turkey, Antalya	424	**11.7**	*0.58*	1.40	*0.08*	238	**6.0**	*0.39*	0.64	*0.05*
*Turkey, Edirne	169	**16.6**	*1.30*	2.14	*0.20*	75	**6.5**	*0.78*	0.78	*0.11*
*Turkey, Izmir	1282	**13.6**	*0.39*	1.72	*0.06*	746	**6.9**	*0.26*	0.76	*0.04*
*Turkey, Trabzon	259	**23.4**	*1.47*	2.86	*0.20*	194	**14.0**	*1.04*	1.56	*0.14*
Europe										
Austria	4049	**11.1**	*0.18*	1.20	*0.03*	3322	**6.2**	*0.13*	0.66	*0.02*
Austria, Tyrol	361	**12.6**	*0.69*	1.34	*0.10*	279	**6.9**	*0.47*	0.78	*0.07*
Austria, Vorarlberg	165	**11.5**	*0.92*	1.12	*0.12*	113	**5.6**	*0.60*	0.60	*0.09*
*Belarus	9960	**33.3**	*0.35*	4.13	*0.05*	7115	**13.8**	*0.18*	1.68	*0.02*
*Belgium	3491	**9.1**	*0.16*	1.02	*0.02*	2027	**3.9**	*0.10*	0.42	*0.01*
Bulgaria	5538	**16.1**	*0.23*	1.99	*0.03*	3453	**7.3**	*0.14*	0.81	*0.02*
Croatia	3376	**18.3**	*0.33*	2.17	*0.05*	2104	**7.6**	*0.19*	0.86	*0.03*
Cyprus	207	**7.5**	*0.54*	0.92	*0.08*	106	**3.5**	*0.35*	0.37	*0.05*
Czech Republic	4956	**12.2**	*0.18*	1.40	*0.03*	3487	**6.0**	*0.11*	0.63	*0.02*
Denmark	1751	**7.5**	*0.18*	0.89	*0.03*	974	**3.5**	*0.12*	0.40	*0.02*
*Estonia	1075	**23.0**	*0.72*	2.82	*0.10*	942	**11.7**	*0.43*	1.38	*0.06*
Finland	1990	**8.6**	*0.20*	0.97	*0.03*	1588	**5.0**	*0.14*	0.55	*0.02*
*France, Bas−Rhin	338	**8.3**	*0.47*	1.02	*0.07*	232	**3.9**	*0.30*	0.41	*0.04*
*France, Calvados	252	**8.4**	*0.57*	0.96	*0.09*	137	**3.1**	*0.32*	0.29	*0.04*
*France, Doubs	179	**8.2**	*0.65*	0.96	*0.09*	92	**3.2**	*0.38*	0.34	*0.05*
*France, Haut−Rhin	268	**8.6**	*0.55*	1.00	*0.08*	158	**3.7**	*0.34*	0.41	*0.05*
*France, Hérault	373	**8.4**	*0.47*	0.97	*0.07*	164	**2.7**	*0.26*	0.27	*0.03*
*France, Isère	364	**7.5**	*0.42*	0.79	*0.06*	224	**3.6**	*0.27*	0.40	*0.04*
*France, Loire−Atlantique	397	**8.2**	*0.44*	0.94	*0.06*	206	**2.6**	*0.22*	0.26	*0.03*
*France, Manche	294	**11.6**	*0.74*	1.26	*0.10*	128	**3.0**	*0.33*	0.31	*0.05*
*France, Somme	226	**9.5**	*0.68*	1.16	*0.10*	109	**3.3**	*0.37*	0.35	*0.05*
*France, Tarn	130	**6.7**	*0.66*	0.75	*0.09*	68	**2.0**	*0.35*	0.17	*0.04*
*France, Vendée	226	**7.5**	*0.55*	0.87	*0.08*	107	**2.6**	*0.30*	0.31	*0.04*
Germany, Brandenburg	1750	**14.5**	*0.36*	1.60	*0.05*	1195	**7.0**	*0.23*	0.77	*0.03*
Germany, Bremen	356	**10.8**	*0.60*	1.23	*0.08*	299	**6.3**	*0.44*	0.72	*0.06*
Germany, Free State of Saxony	3315	**14.8**	*0.27*	1.60	*0.04*	2530	**7.1**	*0.17*	0.76	*0.02*
Germany, Hamburg	839	**10.5**	*0.38*	1.19	*0.05*	663	**5.7**	*0.26*	0.61	*0.04*
Germany, Mecklenburg−Western Pomerania	1263	**15.9**	*0.46*	1.81	*0.06*	941	**8.3**	*0.31*	0.89	*0.04*
Germany, Munich	2067	**11.1**	*0.25*	1.19	*0.04*	1701	**6.5**	*0.18*	0.69	*0.03*
Germany, North Rhine−Westphalia	1448	**12.2**	*0.34*	1.36	*0.05*	1040	**6.0**	*0.22*	0.63	*0.03*
Germany, Saarland	647	**12.4**	*0.51*	1.40	*0.07*	490	**6.2**	*0.33*	0.66	*0.04*
Germany, Schleswig−Holstein	1726	**12.3**	*0.31*	1.38	*0.04*	1343	**6.9**	*0.22*	0.77	*0.03*
Iceland	104	**9.2**	*0.96*	0.92	*0.13*	67	**5.0**	*0.68*	0.56	*0.10*
Ireland	1472	**10.5**	*0.28*	1.27	*0.04*	882	**5.0**	*0.18*	0.56	*0.03*
Italy, Biella	142	**13.0**	*1.18*	1.48	*0.16*	104	**6.1**	*0.76*	0.65	*0.10*
Italy, Brescia	839	**21.7**	*0.77*	2.64	*0.11*	586	**10.2**	*0.49*	1.14	*0.07*
Italy, Catania and Messina	555	**12.1**	*0.55*	1.42	*0.08*	400	**6.5**	*0.37*	0.75	*0.05*
Italy, Catanzaro	168	**14.3**	*1.21*	1.54	*0.16*	102	**7.6**	*0.87*	0.87	*0.11*
Italy, Como	479	**17.6**	*0.85*	1.92	*0.12*	330	**8.4**	*0.55*	0.90	*0.07*
Italy, Ferrara	308	**13.6**	*0.86*	1.49	*0.12*	244	**6.6**	*0.55*	0.63	*0.07*
Italy, Florence and Prato	779	**17.6**	*0.69*	2.03	*0.10*	568	**8.5**	*0.44*	0.94	*0.06*
Italy, Friuli−Venezia Giulia	1139	**16.2**	*0.51*	1.91	*0.08*	887	**8.4**	*0.35*	0.94	*0.05*
Italy, Genoa	497	**11.1**	*0.55*	1.32	*0.08*	383	**5.2**	*0.35*	0.53	*0.05*
Italy, Latina	321	**13.5**	*0.80*	1.61	*0.11*	222	**7.5**	*0.57*	0.83	*0.08*
Italy, Lecco	316	**20.1**	*1.18*	2.53	*0.18*	232	**10.1**	*0.79*	1.09	*0.11*
Italy, Lombardy, South	440	**18.6**	*0.94*	2.01	*0.13*	301	**8.0**	*0.57*	0.88	*0.08*
Italy, Mantua	217	**16.9**	*1.22*	1.94	*0.18*	168	**8.8**	*0.85*	0.90	*0.11*
Italy, Milan	687	**12.0**	*0.49*	1.42	*0.07*	615	**6.9**	*0.35*	0.74	*0.05*
Italy, Modena	562	**14.8**	*0.69*	1.61	*0.10*	393	**7.4**	*0.47*	0.79	*0.06*
Italy, Naples	251	**14.0**	*0.90*	1.71	*0.13*	152	**6.5**	*0.57*	0.64	*0.07*
Italy, Nuoro	136	**10.4**	*0.96*	1.19	*0.14*	99	**5.3**	*0.63*	0.57	*0.09*
Italy, Palermo	415	**9.2**	*0.49*	1.08	*0.07*	276	**4.5**	*0.32*	0.46	*0.04*
Italy, Parma	487	**18.1**	*0.92*	1.96	*0.13*	382	**9.6**	*0.64*	0.99	*0.09*
Italy, Ragusa	137	**8.6**	*0.81*	0.90	*0.11*	101	**5.8**	*0.69*	0.60	*0.08*
Italy, Reggio Emilia	456	**16.5**	*0.84*	1.99	*0.13*	327	**8.7**	*0.60*	0.94	*0.08*
Italy, Romagna	1518	**21.2**	*0.61*	2.35	*0.09*	1098	**11.1**	*0.42*	1.17	*0.06*
Italy, Salerno	532	**10.6**	*0.50*	1.25	*0.07*	315	**5.2**	*0.34*	0.58	*0.04*
Italy, Sassari	218	**9.7**	*0.69*	1.14	*0.10*	121	**4.2**	*0.43*	0.49	*0.06*
Italy, Sondrio	170	**20.5**	*1.64*	2.39	*0.23*	122	**10.2**	*1.11*	1.13	*0.15*
Italy, South Tyrol	324	**18.8**	*1.09*	2.17	*0.16*	233	**9.4**	*0.72*	1.06	*0.10*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Stomach (C16) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	179	**9.3**	*0.75*	1.05	*0.11*	97	**4.4**	*0.52*	0.46	*0.06*
Italy, Trapani	151	**8.4**	*0.75*	1.00	*0.11*	85	**4.1**	*0.51*	0.52	*0.07*
Italy, Trento	279	**14.2**	*0.91*	1.64	*0.13*	211	**7.2**	*0.61*	0.80	*0.09*
Italy, Turin	571	**11.2**	*0.51*	1.30	*0.07*	399	**5.5**	*0.34*	0.61	*0.04*
Italy, Umbria	1082	**20.0**	*0.68*	2.31	*0.10*	751	**10.0**	*0.46*	1.13	*0.06*
Italy, Varese	677	**16.0**	*0.65*	1.86	*0.09*	445	**7.1**	*0.40*	0.74	*0.05*
Italy, Veneto	1116	**12.0**	*0.38*	1.40	*0.06*	874	**6.2**	*0.25*	0.65	*0.03*
Latvia	1527	**24.3**	*0.63*	2.92	*0.09*	1196	**10.6**	*0.34*	1.20	*0.05*
Lithuania	2924	**25.7**	*0.49*	3.10	*0.07*	2020	**10.4**	*0.26*	1.16	*0.03*
Malta	144	**8.4**	*0.72*	0.94	*0.11*	90	**4.1**	*0.47*	0.38	*0.06*
*The Netherlands	6355	**9.3**	*0.12*	1.10	*0.02*	3611	**4.1**	*0.08*	0.47	*0.01*
*The Netherlands, Eindhoven	404	**9.3**	*0.48*	1.11	*0.07*	263	**4.7**	*0.32*	0.53	*0.05*
Norway	1621	**7.7**	*0.21*	0.88	*0.03*	1102	**4.2**	*0.15*	0.47	*0.02*
Poland, Cracow	312	**13.9**	*0.81*	1.67	*0.12*	197	**5.5**	*0.43*	0.64	*0.06*
Poland, Kielce	744	**15.4**	*0.59*	1.92	*0.09*	393	**5.4**	*0.31*	0.58	*0.04*
Poland, Lower Silesia	1346	**13.4**	*0.38*	1.60	*0.06*	850	**5.6**	*0.21*	0.62	*0.03*
Poland, Podkarpackie	1122	**16.2**	*0.50*	1.99	*0.07*	645	**6.2**	*0.27*	0.66	*0.04*
Portugal, Azores	166	**20.4**	*1.65*	2.15	*0.22*	93	**8.8**	*1.02*	0.98	*0.14*
Russian Federation, Saint Petersburg	4325	**29.0**	*0.45*	3.54	*0.07*	3906	**13.0**	*0.23*	1.46	*0.03*
*Serbia, Central	2957	**12.3**	*0.24*	1.57	*0.03*	1774	**6.2**	*0.16*	0.75	*0.02*
Slovakia	2880	**16.8**	*0.32*	1.95	*0.05*	1918	**7.4**	*0.18*	0.81	*0.03*
Slovenia	1457	**18.3**	*0.49*	2.11	*0.07*	905	**7.6**	*0.29*	0.85	*0.04*
Spain, Albacete	227	**12.5**	*0.93*	1.37	*0.13*	109	**4.6**	*0.53*	0.49	*0.07*
Spain, Asturias	764	**12.8**	*0.53*	1.53	*0.07*	475	**5.3**	*0.30*	0.57	*0.04*
Spain, Basque Country	1617	**15.7**	*0.42*	1.88	*0.06*	898	**6.2**	*0.25*	0.67	*0.03*
Spain, Canary Islands	385	**8.1**	*0.42*	0.95	*0.06*	222	**3.9**	*0.28*	0.42	*0.04*
Spain, Ciudad Real	284	**14.7**	*0.99*	1.79	*0.14*	182	**6.3**	*0.59*	0.65	*0.08*
Spain, Cuenca	165	**12.8**	*1.19*	1.47	*0.16*	95	**6.3**	*0.86*	0.70	*0.11*
Spain, Girona	370	**11.6**	*0.66*	1.29	*0.09*	234	**6.0**	*0.47*	0.65	*0.06*
*Spain, Granada	373	**10.2**	*0.57*	1.21	*0.08*	191	**4.2**	*0.35*	0.48	*0.05*
Spain, La Rioja	205	**14.0**	*1.08*	1.60	*0.15*	113	**5.4**	*0.64*	0.56	*0.08*
Spain, Mallorca	247	**8.0**	*0.54*	0.93	*0.08*	173	**4.3**	*0.37*	0.52	*0.05*
Spain, Murcia	556	**10.6**	*0.48*	1.20	*0.07*	346	**5.3**	*0.33*	0.53	*0.04*
Spain, Navarra	411	**14.3**	*0.77*	1.61	*0.11*	220	**5.5**	*0.46*	0.56	*0.06*
Spain, Tarragona	310	**9.8**	*0.60*	1.11	*0.08*	166	**4.2**	*0.38*	0.46	*0.05*
*Sweden	2909	**6.3**	*0.13*	0.71	*0.02*	1839	**3.2**	*0.09*	0.36	*0.01*
Switzerland, Basel	117	**5.6**	*0.55*	0.67	*0.08*	95	**3.5**	*0.42*	0.39	*0.05*
Switzerland, Geneva	116	**6.9**	*0.66*	0.73	*0.09*	85	**3.8**	*0.47*	0.38	*0.06*
Switzerland, Graubünden and Glarus	108	**10.1**	*1.03*	1.11	*0.15*	70	**4.6**	*0.65*	0.45	*0.09*
Switzerland, Neuchâtel	49	**6.7**	*1.00*	0.94	*0.16*	28	**2.5**	*0.57*	0.26	*0.08*
Switzerland, St Gall−Appenzell	150	**6.4**	*0.55*	0.70	*0.08*	112	**3.6**	*0.40*	0.37	*0.05*
Switzerland, Ticino	163	**10.1**	*0.83*	1.22	*0.12*	139	**5.8**	*0.58*	0.71	*0.09*
Switzerland, Valais	125	**9.6**	*0.89*	1.04	*0.12*	85	**4.5**	*0.58*	0.39	*0.07*
Switzerland, Vaud	184	**6.9**	*0.53*	0.86	*0.08*	121	**3.5**	*0.36*	0.37	*0.05*
Switzerland, Zurich	398	**7.2**	*0.38*	0.85	*0.06*	258	**3.3**	*0.24*	0.34	*0.03*
Ukraine	39350	**25.1**	*0.13*	3.16	*0.02*	26720	**10.5**	*0.07*	1.31	*0.01*
UK, England	21279	**8.9**	*0.06*	1.02	*0.01*	11753	**3.6**	*0.04*	0.38	*0.01*
UK, England, East of England Region	2262	**8.0**	*0.18*	0.93	*0.03*	1126	**3.0**	*0.11*	0.30	*0.01*
UK, England, North Western	3229	**10.6**	*0.20*	1.22	*0.03*	1873	**4.4**	*0.12*	0.47	*0.02*
UK, England, Northern and Yorkshire	3398	**10.4**	*0.19*	1.17	*0.03*	1972	**4.4**	*0.12*	0.47	*0.02*
UK, England, Oxford Region	809	**6.7**	*0.25*	0.77	*0.04*	446	**2.7**	*0.15*	0.29	*0.02*
UK, England, South and Western Regions	2733	**7.3**	*0.15*	0.83	*0.02*	1533	**3.0**	*0.09*	0.31	*0.01*
UK, England, Thames	3799	**7.8**	*0.13*	0.88	*0.02*	2192	**3.2**	*0.08*	0.34	*0.01*
UK, England, Trent	1425	**9.5**	*0.27*	1.09	*0.04*	718	**3.7**	*0.16*	0.41	*0.02*
UK, England, West Midlands	2623	**10.2**	*0.21*	1.18	*0.03*	1336	**3.8**	*0.12*	0.41	*0.02*
UK, Northern Ireland	686	**10.0**	*0.40*	1.15	*0.06*	456	**4.8**	*0.25*	0.55	*0.04*
UK, Scotland	2425	**10.3**	*0.22*	1.20	*0.03*	1572	**4.7**	*0.14*	0.53	*0.02*
UK, Wales	1619	**10.7**	*0.28*	1.21	*0.04*	958	**4.4**	*0.17*	0.48	*0.03*
Oceania										
Australian Capital Territory	73	**6.8**	*0.83*	0.83	*0.13*	38	**3.1**	*0.54*	0.32	*0.07*
Australia, New South Wales	2104	**7.7**	*0.18*	0.91	*0.03*	1142	**3.4**	*0.11*	0.38	*0.02*
Australia, Northern Territory	17	**3.5**	*0.91*	0.56	*0.17*	12	**3.1**	*0.95*	0.54	*0.19*
Australia, Northern Territory: Indigenous	3	**5.2**	*3.11*	0.45	*0.36*	6	**5.7**	*2.35*	0.81	*0.39*
Australia, Northern Territory: Non−Indigenous	14	**3.3**	*0.95*	0.57	*0.19*	6	**2.5**	*1.08*	0.48	*0.22*
Australia, Queensland	1125	**7.2**	*0.22*	0.80	*0.03*	536	**3.0**	*0.14*	0.34	*0.02*
South Australia	537	**7.7**	*0.35*	0.89	*0.05*	279	**3.3**	*0.23*	0.37	*0.03*
Australia, Tasmania	177	**8.2**	*0.65*	0.95	*0.10*	96	**3.9**	*0.44*	0.44	*0.06*
Australia, Victoria	1658	**8.1**	*0.21*	0.97	*0.03*	982	**4.0**	*0.14*	0.44	*0.02*
Western Australia	547	**7.0**	*0.31*	0.78	*0.05*	270	**2.9**	*0.19*	0.29	*0.03*
New Zealand	1136	**7.6**	*0.23*	0.85	*0.03*	718	**4.0**	*0.16*	0.43	*0.02*
New Zealand: Maori	188	**19.0**	*1.43*	2.18	*0.20*	157	**12.9**	*1.08*	1.50	*0.16*
New Zealand: Pacific Islander	67	**17.2**	*2.22*	2.12	*0.33*	54	**10.8**	*1.51*	1.08	*0.20*
New Zealand: Other	881	**6.2**	*0.22*	0.69	*0.03*	507	**2.8**	*0.14*	0.30	*0.02*
USA, Hawaii	489	**8.9**	*0.44*	1.07	*0.07*	325	**4.8**	*0.31*	0.52	*0.04*
*USA, Hawaii: Chinese	23	**6.1**	*1.47*	0.79	*0.25*	24	**7.1**	*1.79*	0.64	*0.18*
*USA, Hawaii: Filipino	44	**7.3**	*1.19*	0.93	*0.18*	30	**3.7**	*0.73*	0.40	*0.10*
*USA, Hawaii: Hawaiian	55	**8.6**	*1.24*	1.26	*0.23*	44	**5.6**	*0.89*	0.77	*0.14*
*USA, Hawaii: Japanese	246	**15.1**	*1.08*	1.71	*0.17*	152	**5.3**	*0.56*	0.54	*0.08*
*USA, Hawaii: White	86	**6.1**	*0.69*	0.69	*0.11*	37	**2.4**	*0.45*	0.27	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Small intestine (C17)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	12	**0.5**	*0.15*	–	-	3	**0.1**	*0.07*	–	-
Egypt, Gharbiah	42	**0.6**	*0.09*	0.06	*0.01*	30	**0.4**	*0.08*	0.05	*0.01*
*Libya, Benghazi	3	**0.3**	*0.15*	0.04	*0.03*	4	**0.3**	*0.16*	0.02	*0.02*
*Malawi, Blantyre	0	**-**	-	–	-	1	**0.0**	*0.04*	0.00	*0.00*
*South Africa, PROMEC	0	**-**	-	–	-	0	**-**	-	–	-
*Tunisia, North	33	**0.5**	*0.08*	0.06	*0.01*	26	**0.4**	*0.07*	0.04	*0.01*
*Uganda, Kyadondo County	1	**0.1**	*0.06*	0.01	*0.01*	3	**0.2**	*0.14*	0.03	*0.02*
*Zimbabwe, Harare: African	6	**0.8**	*0.34*	0.09	*0.04*	2	**0.1**	*0.09*	0.01	*0.01*
America, Central and South										
Argentina, Bahía Blanca	3	**0.4**	*0.22*	0.03	*0.02*	4	**0.4**	*0.23*	0.04	*0.02*
Argentina, Córdoba	43	**1.6**	*0.24*	0.20	*0.04*	21	**0.5**	*0.12*	0.05	*0.02*
Argentina, Mendoza	37	**0.9**	*0.15*	0.11	*0.02*	46	**0.8**	*0.13*	0.09	*0.02*
*Argentina, Tierra del Fuego	1	**0.7**	*0.66*	0.08	*0.08*	4	**2.5**	*1.31*	0.13	*0.09*
Brazil, Aracaju	15	**2.6**	*0.68*	0.28	*0.09*	9	**1.0**	*0.35*	0.15	*0.06*
Brazil, Belo Horizonte	25	**1.0**	*0.20*	0.10	*0.03*	15	**0.4**	*0.11*	0.04	*0.01*
Brazil, Cuiabá	5	**0.7**	*0.34*	0.05	*0.05*	9	**0.8**	*0.29*	0.09	*0.04*
Brazil, Fortaleza	23	**0.8**	*0.16*	0.08	*0.02*	19	**0.5**	*0.11*	0.06	*0.02*
Brazil, Goiânia	37	**1.9**	*0.32*	0.26	*0.05*	23	**0.9**	*0.18*	0.10	*0.03*
*Brazil, São Paulo	342	**1.5**	*0.09*	0.17	*0.01*	363	**1.2**	*0.07*	0.14	*0.01*
Chile, Region of Antofagasta	8	**0.7**	*0.25*	0.10	*0.04*	4	**0.3**	*0.13*	0.02	*0.02*
Chile, Bío Bío Province	7	**0.7**	*0.25*	0.04	*0.02*	6	**0.5**	*0.21*	0.04	*0.02*
Chile, Valdivia	6	**0.6**	*0.25*	0.06	*0.03*	12	**1.0**	*0.29*	0.11	*0.04*
Colombia, Bucaramanga	16	**0.8**	*0.20*	0.10	*0.03*	19	**0.7**	*0.16*	0.08	*0.02*
Colombia, Cali	31	**0.7**	*0.14*	0.10	*0.02*	37	**0.6**	*0.11*	0.08	*0.02*
Colombia, Manizales	5	**0.5**	*0.24*	0.06	*0.04*	15	**1.4**	*0.36*	0.19	*0.05*
Colombia, Pasto	5	**0.6**	*0.30*	0.06	*0.04*	3	**0.3**	*0.16*	0.04	*0.03*
Costa Rica	66	**0.7**	*0.09*	0.09	*0.01*	54	**0.6**	*0.08*	0.06	*0.01*
Cuba, Villa Clara	17	**0.7**	*0.17*	0.09	*0.03*	8	**0.3**	*0.12*	0.03	*0.01*
Ecuador, Cuenca	5	**0.6**	*0.26*	0.06	*0.04*	6	**0.6**	*0.23*	0.09	*0.04*
Ecuador, Quito	25	**0.8**	*0.17*	0.08	*0.02*	34	**0.9**	*0.16*	0.07	*0.02*
*France, Martinique	16	**1.1**	*0.29*	0.15	*0.05*	11	**0.6**	*0.18*	0.06	*0.02*
*Jamaica, Kingston and St Andrew	4	**0.3**	*0.13*	0.03	*0.02*	9	**0.6**	*0.21*	0.08	*0.03*
USA, Puerto Rico	99	**0.7**	*0.08*	0.08	*0.01*	95	**0.5**	*0.06*	0.06	*0.01*
Uruguay	43	**0.7**	*0.11*	0.09	*0.02*	42	**0.5**	*0.08*	0.06	*0.01*
America, North										
Canada	1579	**1.3**	*0.03*	0.15	*0.00*	1296	**0.9**	*0.03*	0.11	*0.00*
Canada, Alberta	157	**1.4**	*0.12*	0.17	*0.02*	99	**0.8**	*0.09*	0.10	*0.01*
Canada, British Columbia	181	**1.0**	*0.08*	0.12	*0.01*	159	**0.8**	*0.07*	0.09	*0.01*
Canada, Manitoba	73	**1.7**	*0.20*	0.21	*0.03*	55	**1.1**	*0.16*	0.13	*0.02*
Canada, New Brunswick	35	**1.2**	*0.20*	0.14	*0.03*	26	**0.7**	*0.15*	0.07	*0.02*
Canada, Newfoundland and Labrador	34	**1.6**	*0.29*	0.20	*0.04*	29	**1.2**	*0.24*	0.14	*0.03*
*Canada, Northwest Territories	1	**0.7**	*0.67*	0.06	*0.06*	1	**1.7**	*1.65*	0.41	*0.41*
Canada, Nova Scotia	54	**1.5**	*0.20*	0.19	*0.03*	46	**1.1**	*0.17*	0.14	*0.02*
Canada, Ontario	610	**1.3**	*0.05*	0.16	*0.01*	501	**0.9**	*0.04*	0.11	*0.01*
Canada, Prince Edward Island	7	**1.2**	*0.49*	0.15	*0.07*	10	**1.4**	*0.47*	0.13	*0.06*
*Canada, Quebec	374	**1.2**	*0.07*	0.15	*0.01*	325	**0.9**	*0.05*	0.10	*0.01*
Canada, Saskatchewan	52	**1.4**	*0.20*	0.16	*0.03*	43	**0.8**	*0.14*	0.09	*0.02*
*Canada, Yukon	1	**1.3**	*1.28*	0.21	*0.21*	2	**2.2**	*1.63*	0.42	*0.37*
USA, NPCR (42 states)	13996	**1.5**	*0.01*	0.19	*0.00*	12542	**1.1**	*0.01*	0.14	*0.00*
USA, NPCR (42 states): American Indian	53	**0.9**	*0.12*	0.12	*0.02*	44	**0.6**	*0.09*	0.07	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	197	**0.6**	*0.05*	0.07	*0.01*	184	**0.5**	*0.04*	0.06	*0.01*
USA, NPCR (42 states): Black	1947	**2.4**	*0.05*	0.29	*0.01*	2099	**1.8**	*0.04*	0.22	*0.01*
USA, NPCR (42 states): White	11598	**1.5**	*0.01*	0.18	*0.00*	10071	**1.1**	*0.01*	0.13	*0.00*
USA, SEER (9 registries)	1519	**1.6**	*0.04*	0.20	*0.01*	1291	**1.1**	*0.03*	0.13	*0.00*
*USA, SEER (9 registries): Black	176	**2.3**	*0.18*	0.29	*0.03*	201	**1.9**	*0.14*	0.23	*0.02*
*USA, SEER (9 registries): White	1238	**1.6**	*0.05*	0.19	*0.01*	1020	**1.1**	*0.04*	0.13	*0.01*
USA, SEER (18 registries)	4059	**1.5**	*0.02*	0.18	*0.00*	3543	**1.1**	*0.02*	0.13	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	200	**0.9**	*0.07*	0.11	*0.01*	131	**0.5**	*0.04*	0.06	*0.01*
*USA, SEER (18 registries): Black	532	**2.4**	*0.11*	0.31	*0.02*	574	**1.8**	*0.08*	0.22	*0.01*
*USA, SEER (18 registries): Hispanic White	313	**1.1**	*0.06*	0.13	*0.01*	263	**0.8**	*0.05*	0.09	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	2954	**1.5**	*0.03*	0.18	*0.00*	2540	**1.1**	*0.02*	0.13	*0.00*
*USA, SEER (18 registries): White	3267	**1.5**	*0.03*	0.18	*0.00*	2803	**1.0**	*0.02*	0.12	*0.00*
USA, Alabama	244	**1.5**	*0.10*	0.18	*0.01*	225	**1.2**	*0.08*	0.14	*0.01*
USA, Alabama: Black	59	**2.0**	*0.27*	0.24	*0.04*	76	**1.8**	*0.22*	0.22	*0.03*
USA, Alabama: White	184	**1.4**	*0.11*	0.17	*0.02*	146	**1.0**	*0.09*	0.11	*0.01*
USA, Alaska	36	**1.9**	*0.33*	0.25	*0.05*	20	**1.1**	*0.25*	0.12	*0.04*
*USA, Alaska: American Indian	3	**1.1**	*0.66*	0.18	*0.12*	1	**0.5**	*0.49*	0.08	*0.08*
USA, Arizona	255	**1.2**	*0.08*	0.16	*0.01*	201	**0.8**	*0.06*	0.10	*0.01*
USA, Arizona: American Indian	6	**0.9**	*0.39*	0.09	*0.05*	4	**0.4**	*0.22*	0.04	*0.02*
USA, Arizona: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arizona: Black	8	**1.8**	*0.65*	0.27	*0.11*	10	**1.8**	*0.63*	0.22	*0.09*
USA, Arizona: White	238	**1.2**	*0.08*	0.16	*0.01*	185	**0.8**	*0.07*	0.10	*0.01*
USA, Arkansas	161	**1.6**	*0.13*	0.19	*0.02*	153	**1.2**	*0.11*	0.14	*0.01*
USA, Arkansas: Black	18	**1.8**	*0.43*	0.24	*0.07*	33	**2.3**	*0.44*	0.25	*0.06*
USA, Arkansas: White	143	**1.6**	*0.14*	0.19	*0.02*	120	**1.1**	*0.11*	0.13	*0.01*
USA, California	1466	**1.3**	*0.03*	0.15	*0.01*	1238	**0.9**	*0.03*	0.11	*0.00*
USA, California: American Indian	7	**0.7**	*0.26*	0.09	*0.04*	4	**0.3**	*0.16*	0.05	*0.03*
USA, California: Asian and Pacific Islander	107	**0.7**	*0.07*	0.08	*0.01*	71	**0.4**	*0.05*	0.05	*0.01*
USA, California: Black	146	**2.3**	*0.20*	0.29	*0.03*	153	**1.9**	*0.16*	0.23	*0.02*
USA, California: White	1176	**1.3**	*0.04*	0.15	*0.01*	995	**0.9**	*0.03*	0.11	*0.00*
USA, California, Los Angeles County	381	**1.3**	*0.07*	0.15	*0.01*	292	**0.8**	*0.05*	0.09	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	42	**0.9**	*0.14*	0.10	*0.02*	19	**0.4**	*0.09*	0.05	*0.01*
*USA, California, Los Angeles County: Black	68	**2.6**	*0.32*	0.32	*0.05*	62	**1.6**	*0.22*	0.19	*0.03*
*USA, California, Los Angeles County: Chinese	11	**0.8**	*0.26*	0.11	*0.04*	3	**0.2**	*0.13*	0.03	*0.02*
*USA, California, Los Angeles County: Filipino	7	**0.8**	*0.31*	0.11	*0.05*	8	**0.7**	*0.25*	0.08	*0.03*
*USA, California, Los Angeles County: Hispanic White	66	**0.8**	*0.11*	0.11	*0.02*	72	**0.7**	*0.08*	0.06	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Small intestine (C17) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	9	**1.0**	*0.42*	0.09	*0.06*	1	**0.2**	*0.24*	0.02	*0.02*
*USA, California, Los Angeles County: Korean	8	**1.3**	*0.47*	0.20	*0.09*	2	**0.3**	*0.23*	0.05	*0.03*
*USA, California, Los Angeles County: Non−Hispanic White	202	**1.4**	*0.11*	0.15	*0.01*	137	**0.8**	*0.08*	0.10	*0.01*
*USA, California, Los Angeles County: White	268	**1.2**	*0.08*	0.13	*0.01*	209	**0.8**	*0.06*	0.09	*0.01*
USA, California, San Francisco Bay Area	178	**1.2**	*0.09*	0.14	*0.01*	149	**0.8**	*0.07*	0.10	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	26	**0.9**	*0.18*	0.11	*0.03*	15	**0.4**	*0.10*	0.04	*0.01*
*USA, California, San Francisco Bay Area: Black	18	**1.4**	*0.34*	0.13	*0.04*	31	**2.0**	*0.38*	0.25	*0.05*
*USA, California, San Francisco Bay Area: Hispanic White	16	**1.0**	*0.25*	0.09	*0.03*	15	**0.8**	*0.23*	0.12	*0.04*
*USA, California, San Francisco Bay Area: Non−Hispanic White	115	**1.3**	*0.12*	0.15	*0.02*	87	**0.8**	*0.09*	0.10	*0.01*
*USA, California, San Francisco Bay Area: White	131	**1.2**	*0.12*	0.15	*0.02*	102	**0.8**	*0.09*	0.10	*0.01*
USA, Colorado	210	**1.4**	*0.10*	0.17	*0.01*	191	**1.1**	*0.08*	0.13	*0.01*
USA, Colorado: Asian and Pacific Islander	0	**-**	-	–	-	3	**0.8**	*0.45*	0.08	*0.05*
USA, Colorado: Black	11	**2.3**	*0.71*	0.25	*0.10*	11	**1.8**	*0.56*	0.13	*0.06*
USA, Colorado: White	193	**1.4**	*0.10*	0.17	*0.02*	177	**1.1**	*0.09*	0.13	*0.01*
USA, Connecticut	209	**1.7**	*0.12*	0.20	*0.02*	187	**1.1**	*0.09*	0.12	*0.01*
*USA, Connecticut: Black	12	**1.5**	*0.45*	0.21	*0.07*	26	**2.3**	*0.45*	0.26	*0.06*
*USA, Connecticut: White	196	**1.7**	*0.13*	0.21	*0.02*	161	**1.0**	*0.09*	0.11	*0.01*
USA, Delaware	44	**1.5**	*0.23*	0.16	*0.03*	50	**1.3**	*0.20*	0.15	*0.03*
USA, Delaware: Black	9	**1.9**	*0.63*	0.19	*0.09*	15	**2.5**	*0.67*	0.26	*0.09*
USA, Delaware: White	34	**1.4**	*0.25*	0.14	*0.03*	34	**1.0**	*0.20*	0.13	*0.03*
USA, Florida	1025	**1.4**	*0.05*	0.18	*0.01*	825	**0.9**	*0.04*	0.11	*0.00*
USA, Florida: Asian and Pacific Islander	4	**0.4**	*0.21*	0.07	*0.04*	3	**0.2**	*0.14*	0.05	*0.03*
USA, Florida: Black	130	**2.0**	*0.17*	0.22	*0.02*	99	**1.2**	*0.12*	0.15	*0.02*
USA, Florida: White	876	**1.4**	*0.05*	0.17	*0.01*	717	**0.9**	*0.04*	0.10	*0.01*
USA, Georgia	404	**1.5**	*0.08*	0.19	*0.01*	383	**1.2**	*0.06*	0.15	*0.01*
USA, Georgia: Asian and Pacific Islander	2	**0.4**	*0.31*	0.06	*0.05*	4	**0.7**	*0.36*	0.11	*0.06*
USA, Georgia: Black	114	**2.1**	*0.20*	0.27	*0.03*	114	**1.4**	*0.14*	0.17	*0.02*
USA, Georgia: White	285	**1.4**	*0.08*	0.17	*0.01*	263	**1.1**	*0.07*	0.14	*0.01*
USA, Georgia, Atlanta	120	**1.5**	*0.14*	0.18	*0.02*	129	**1.3**	*0.12*	0.16	*0.02*
*USA, Georgia, Atlanta: Black	41	**1.9**	*0.32*	0.23	*0.05*	42	**1.4**	*0.22*	0.17	*0.03*
*USA, Georgia, Atlanta: White	77	**1.4**	*0.16*	0.16	*0.02*	83	**1.3**	*0.15*	0.16	*0.02*
USA, Idaho	82	**1.7**	*0.20*	0.22	*0.03*	65	**1.2**	*0.16*	0.13	*0.02*
USA, Illinois	715	**1.7**	*0.07*	0.21	*0.01*	623	**1.2**	*0.05*	0.14	*0.01*
USA, Illinois: Asian and Pacific Islander	11	**0.8**	*0.25*	0.08	*0.03*	14	**0.9**	*0.24*	0.12	*0.04*
USA, Illinois: Black	116	**2.5**	*0.24*	0.30	*0.03*	125	**1.8**	*0.17*	0.20	*0.02*
USA, Illinois: White	577	**1.6**	*0.07*	0.20	*0.01*	473	**1.0**	*0.05*	0.12	*0.01*
USA, Indiana	349	**1.6**	*0.09*	0.19	*0.01*	332	**1.3**	*0.08*	0.15	*0.01*
USA, Indiana: Black	35	**2.6**	*0.45*	0.28	*0.06*	45	**2.7**	*0.42*	0.34	*0.06*
USA, Indiana: White	308	**1.6**	*0.09*	0.19	*0.01*	277	**1.2**	*0.08*	0.13	*0.01*
USA, Iowa	216	**1.9**	*0.13*	0.23	*0.02*	180	**1.3**	*0.11*	0.15	*0.02*
USA, Kentucky	254	**1.7**	*0.11*	0.21	*0.02*	234	**1.3**	*0.09*	0.16	*0.01*
USA, Louisiana	191	**1.7**	*0.12*	0.21	*0.02*	203	**1.4**	*0.11*	0.17	*0.02*
*USA, Louisiana: Black	59	**2.3**	*0.30*	0.31	*0.05*	78	**2.0**	*0.24*	0.25	*0.04*
*USA, Louisiana: White	129	**1.5**	*0.14*	0.18	*0.02*	125	**1.2**	*0.12*	0.15	*0.02*
*USA, Louisiana, New Orleans	40	**1.8**	*0.29*	0.20	*0.04*	45	**1.4**	*0.22*	0.15	*0.03*
*USA, Louisiana, New Orleans: Black	15	**2.2**	*0.58*	0.29	*0.10*	22	**2.2**	*0.47*	0.28	*0.08*
*USA, Louisiana, New Orleans: White	24	**1.7**	*0.37*	0.17	*0.04*	23	**1.0**	*0.25*	0.09	*0.03*
USA, Maine	89	**1.6**	*0.18*	0.17	*0.02*	87	**1.4**	*0.16*	0.16	*0.02*
USA, Massachusetts	371	**1.6**	*0.09*	0.19	*0.01*	314	**1.1**	*0.07*	0.14	*0.01*
USA, Massachusetts: Asian and Pacific Islander	5	**0.8**	*0.39*	0.15	*0.08*	6	**0.9**	*0.36*	0.12	*0.06*
USA, Massachusetts: Black	20	**1.9**	*0.45*	0.24	*0.06*	16	**1.2**	*0.32*	0.19	*0.06*
USA, Massachusetts: White	341	**1.6**	*0.09*	0.18	*0.01*	290	**1.1**	*0.07*	0.14	*0.01*
USA, Michigan	583	**1.7**	*0.07*	0.20	*0.01*	554	**1.3**	*0.06*	0.15	*0.01*
USA, Michigan: Asian and Pacific Islander	1	**0.2**	*0.16*	0.01	*0.01*	1	**0.2**	*0.23*	0.04	*0.04*
USA, Michigan: Black	119	**3.4**	*0.32*	0.44	*0.05*	103	**2.1**	*0.21*	0.25	*0.03*
USA, Michigan: White	460	**1.5**	*0.07*	0.17	*0.01*	442	**1.2**	*0.06*	0.14	*0.01*
USA, Michigan, Detroit	257	**1.9**	*0.12*	0.23	*0.02*	256	**1.4**	*0.10*	0.17	*0.01*
*USA, Michigan, Detroit: Black	86	**3.4**	*0.38*	0.45	*0.06*	90	**2.4**	*0.26*	0.28	*0.04*
*USA, Michigan, Detroit: White	171	**1.6**	*0.13*	0.18	*0.02*	164	**1.2**	*0.11*	0.13	*0.01*
USA, Mississippi	175	**1.8**	*0.14*	0.22	*0.02*	158	**1.3**	*0.11*	0.16	*0.02*
USA, Missouri	359	**1.7**	*0.10*	0.21	*0.01*	290	**1.1**	*0.07*	0.13	*0.01*
USA, Missouri: Black	44	**2.9**	*0.45*	0.41	*0.07*	37	**1.6**	*0.27*	0.16	*0.03*
USA, Missouri: White	313	**1.7**	*0.10*	0.20	*0.01*	250	**1.1**	*0.08*	0.13	*0.01*
USA, Montana	35	**0.9**	*0.16*	0.10	*0.02*	39	**1.0**	*0.18*	0.12	*0.02*
USA, Montana: American Indian	3	**3.1**	*1.81*	0.31	*0.22*	1	**0.7**	*0.72*	0.18	*0.18*
USA, Nebraska	128	**2.1**	*0.19*	0.25	*0.03*	97	**1.4**	*0.16*	0.18	*0.02*
USA, Nebraska: Black	8	**5.1**	*1.85*	0.57	*0.24*	4	**2.2**	*1.16*	0.25	*0.15*
USA, Nebraska: White	119	**2.0**	*0.19*	0.25	*0.03*	92	**1.4**	*0.16*	0.18	*0.02*
USA, New Hampshire	63	**1.3**	*0.17*	0.15	*0.02*	49	**0.8**	*0.13*	0.09	*0.02*
USA, New Jersey	519	**1.7**	*0.08*	0.21	*0.01*	471	**1.2**	*0.06*	0.15	*0.01*
*USA, New Jersey: Black	72	**2.3**	*0.28*	0.30	*0.04*	79	**1.7**	*0.20*	0.21	*0.03*
*USA, New Jersey: White	419	**1.6**	*0.08*	0.20	*0.01*	374	**1.1**	*0.07*	0.14	*0.01*
USA, New Mexico	109	**1.7**	*0.17*	0.19	*0.02*	77	**1.0**	*0.12*	0.12	*0.02*
*USA, New Mexico: Hispanic White	44	**2.1**	*0.32*	0.22	*0.04*	28	**1.0**	*0.21*	0.14	*0.03*
*USA, New Mexico: Non−Hispanic White	59	**1.6**	*0.22*	0.18	*0.03*	44	**1.0**	*0.16*	0.13	*0.02*
*USA, New Mexico: White	103	**1.7**	*0.18*	0.20	*0.02*	72	**1.0**	*0.13*	0.13	*0.02*
USA, New York State	1087	**1.6**	*0.05*	0.19	*0.01*	1025	**1.2**	*0.04*	0.14	*0.01*
USA, New York State: Asian and Pacific Islander	21	**0.5**	*0.12*	0.06	*0.02*	30	**0.7**	*0.13*	0.07	*0.02*
USA, New York State: Black	180	**2.2**	*0.16*	0.26	*0.02*	219	**1.7**	*0.12*	0.21	*0.02*
USA, New York State: White	861	**1.6**	*0.06*	0.18	*0.01*	767	**1.1**	*0.05*	0.13	*0.01*
USA, North Carolina	506	**1.8**	*0.08*	0.21	*0.01*	453	**1.3**	*0.06*	0.16	*0.01*
USA, North Carolina: American Indian	3	**1.2**	*0.69*	0.21	*0.14*	4	**1.3**	*0.63*	0.20	*0.11*
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Black	108	**2.3**	*0.23*	0.25	*0.03*	127	**2.0**	*0.18*	0.25	*0.03*
USA, North Carolina: White	388	**1.6**	*0.09*	0.20	*0.01*	320	**1.1**	*0.07*	0.14	*0.01*
USA, North Dakota	40	**1.6**	*0.27*	0.17	*0.04*	28	**1.1**	*0.23*	0.15	*0.03*
USA, Ohio	656	**1.6**	*0.06*	0.19	*0.01*	609	**1.2**	*0.05*	0.15	*0.01*
USA, Ohio: Asian and Pacific Islander	1	**0.3**	*0.28*	0.05	*0.05*	2	**0.4**	*0.26*	0.02	*0.02*
USA, Ohio: Black	102	**2.9**	*0.29*	0.34	*0.04*	113	**2.4**	*0.23*	0.32	*0.04*
USA, Ohio: White	543	**1.5**	*0.07*	0.18	*0.01*	481	**1.1**	*0.05*	0.13	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Small intestine (C17) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	193	**1.5**	*0.11*	0.17	*0.02*	186	**1.3**	*0.10*	0.15	*0.01*
USA, Oklahoma: American Indian	9	**1.2**	*0.40*	0.17	*0.07*	12	**1.3**	*0.38*	0.17	*0.06*
USA, Oklahoma: Black	9	**1.5**	*0.50*	0.20	*0.08*	19	**2.3**	*0.55*	0.28	*0.08*
USA, Oklahoma: White	174	**1.5**	*0.12*	0.17	*0.02*	151	**1.2**	*0.11*	0.14	*0.01*
USA, Oregon	204	**1.5**	*0.11*	0.17	*0.02*	163	**1.1**	*0.09*	0.13	*0.01*
USA, Oregon: Asian and Pacific Islander	1	**0.2**	*0.22*	0.02	*0.02*	2	**0.4**	*0.34*	0.05	*0.05*
USA, Oregon: Black	1	**0.8**	*0.76*	0.10	*0.10*	3	**1.7**	*0.99*	0.17	*0.13*
USA, Oregon: White	195	**1.5**	*0.11*	0.17	*0.02*	151	**1.1**	*0.09*	0.13	*0.01*
USA, Pennsylvania	792	**1.6**	*0.06*	0.19	*0.01*	746	**1.2**	*0.05*	0.15	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	2	**0.3**	*0.18*	0.02	*0.02*	5	**0.8**	*0.34*	0.14	*0.07*
USA, Pennsylvania: Black	83	**2.5**	*0.28*	0.32	*0.04*	95	**1.9**	*0.21*	0.22	*0.03*
USA, Pennsylvania: White	699	**1.6**	*0.06*	0.18	*0.01*	634	**1.1**	*0.05*	0.14	*0.01*
USA, Rhode Island	63	**1.7**	*0.22*	0.21	*0.03*	84	**1.7**	*0.21*	0.22	*0.03*
USA, Rhode Island: Black	2	**1.5**	*1.13*	0.17	*0.13*	2	**1.2**	*0.87*	0.23	*0.17*
USA, Rhode Island: White	60	**1.7**	*0.23*	0.21	*0.03*	81	**1.8**	*0.22*	0.22	*0.03*
USA, South Carolina	259	**1.7**	*0.11*	0.21	*0.02*	262	**1.5**	*0.10*	0.17	*0.01*
USA, South Carolina: Black	74	**2.3**	*0.27*	0.27	*0.04*	98	**2.2**	*0.23*	0.26	*0.03*
USA, South Carolina: White	181	**1.6**	*0.12*	0.19	*0.02*	161	**1.2**	*0.10*	0.14	*0.01*
USA, South Dakota	48	**1.6**	*0.24*	0.16	*0.03*	43	**1.1**	*0.20*	0.11	*0.02*
USA, Tennessee	315	**1.5**	*0.09*	0.18	*0.01*	289	**1.1**	*0.07*	0.14	*0.01*
USA, Tennessee: Black	51	**2.2**	*0.32*	0.27	*0.05*	67	**2.1**	*0.26*	0.25	*0.04*
USA, Tennessee: White	260	**1.4**	*0.09*	0.17	*0.01*	219	**1.0**	*0.07*	0.12	*0.01*
USA, Texas	1100	**1.6**	*0.05*	0.19	*0.01*	1030	**1.3**	*0.04*	0.15	*0.01*
USA, Texas: Asian and Pacific Islander	8	**0.5**	*0.17*	0.05	*0.03*	7	**0.3**	*0.12*	0.03	*0.01*
USA, Texas: Black	155	**2.5**	*0.21*	0.28	*0.03*	168	**2.0**	*0.16*	0.23	*0.02*
USA, Texas: White	914	**1.5**	*0.05*	0.18	*0.01*	836	**1.2**	*0.04*	0.14	*0.01*
USA, Utah	114	**1.8**	*0.17*	0.23	*0.03*	74	**1.0**	*0.12*	0.12	*0.02*
USA, Vermont	36	**1.6**	*0.28*	0.20	*0.04*	17	**0.6**	*0.15*	0.07	*0.02*
USA, Virginia	378	**1.5**	*0.08*	0.18	*0.01*	354	**1.2**	*0.07*	0.13	*0.01*
USA, Virginia: Asian and Pacific Islander	3	**0.3**	*0.18*	0.02	*0.02*	6	**0.6**	*0.24*	0.07	*0.04*
USA, Virginia: Black	94	**2.4**	*0.25*	0.28	*0.04*	99	**1.9**	*0.20*	0.22	*0.03*
USA, Virginia: White	272	**1.4**	*0.08*	0.16	*0.01*	243	**1.0**	*0.07*	0.12	*0.01*
USA, Washington State	330	**1.5**	*0.09*	0.18	*0.01*	286	**1.1**	*0.07*	0.14	*0.01*
USA, Washington, Seattle	253	**1.7**	*0.11*	0.20	*0.02*	194	**1.1**	*0.09*	0.13	*0.01*
USA, West Virginia	101	**1.4**	*0.14*	0.17	*0.02*	97	**1.0**	*0.12*	0.10	*0.01*
USA, Wisconsin	311	**1.6**	*0.09*	0.19	*0.01*	293	**1.3**	*0.08*	0.15	*0.01*
USA, Wisconsin: Black	25	**4.3**	*0.90*	0.52	*0.12*	19	**2.3**	*0.54*	0.26	*0.07*
USA, Wisconsin: White	283	**1.5**	*0.09*	0.18	*0.01*	267	**1.2**	*0.08*	0.15	*0.01*
USA, Wyoming	26	**1.3**	*0.26*	0.14	*0.04*	18	**1.0**	*0.24*	0.12	*0.03*
Asia										
Bahrain: Bahraini	4	**0.6**	*0.29*	0.06	*0.04*	2	**0.3**	*0.20*	0.03	*0.02*
China, Beijing City	250	**0.8**	*0.06*	0.11	*0.01*	202	**0.7**	*0.05*	0.09	*0.01*
*China, Cixian County	6	**0.5**	*0.21*	0.08	*0.03*	7	**0.7**	*0.26*	0.07	*0.03*
China, Haining County	10	**0.4**	*0.14*	0.06	*0.02*	12	**0.5**	*0.15*	0.06	*0.02*
*China, Harbin City, Nangang District	20	**0.7**	*0.16*	0.09	*0.02*	25	**0.8**	*0.16*	0.09	*0.02*
China, Hong Kong	166	**0.6**	*0.05*	0.07	*0.01*	123	**0.4**	*0.04*	0.05	*0.01*
China, Jiashan County	10	**0.7**	*0.23*	0.10	*0.03*	12	**0.7**	*0.21*	0.10	*0.03*
China, Jiaxing City	15	**1.3**	*0.36*	0.17	*0.05*	13	**1.0**	*0.29*	0.15	*0.05*
China, Macao	16	**1.3**	*0.34*	0.16	*0.05*	11	**0.7**	*0.22*	0.10	*0.04*
China, Qidong County	18	**0.4**	*0.10*	0.06	*0.02*	25	**0.5**	*0.10*	0.04	*0.01*
*China, Shanghai City	291	**1.1**	*0.07*	0.13	*0.01*	255	**0.8**	*0.06*	0.10	*0.01*
*China, Wuhan City	120	**0.8**	*0.08*	0.11	*0.01*	95	**0.6**	*0.07*	0.08	*0.01*
*China, Yangcheng County	0	**-**	-	–	-	1	**0.1**	*0.09*	–	-
*China, Yanting County	11	**0.7**	*0.20*	0.07	*0.02*	0	**-**	-	–	-
*China, Zhongshan City	34	**1.2**	*0.22*	0.15	*0.03*	26	**0.8**	*0.17*	0.10	*0.02*
*India, Bangalore	32	**0.4**	*0.08*	0.06	*0.01*	20	**0.3**	*0.06*	0.03	*0.01*
*India; Barshi, Paranda, and Bhum	2	**0.2**	*0.17*	0.03	*0.02*	2	**0.2**	*0.14*	0.03	*0.02*
*India, Bhopal	6	**0.3**	*0.11*	0.04	*0.02*	5	**0.3**	*0.12*	0.03	*0.01*
*India, Chennai	27	**0.3**	*0.05*	0.03	*0.01*	20	**0.2**	*0.04*	0.02	*0.01*
*India, Dindigul, Ambilikkai	5	**0.1**	*0.05*	0.01	*0.01*	3	**0.1**	*0.04*	0.00	*0.00*
*India, Karunagappally	2	**0.2**	*0.13*	0.02	*0.02*	1	**0.1**	*0.08*	0.01	*0.01*
*India, Mizoram	4	**0.3**	*0.14*	0.04	*0.02*	2	**0.1**	*0.09*	0.02	*0.02*
*India, Mumbai	94	**0.4**	*0.04*	0.04	*0.01*	46	**0.2**	*0.03*	0.02	*0.00*
*India, New Delhi	60	**0.2**	*0.03*	0.03	*0.00*	35	**0.1**	*0.03*	0.02	*0.00*
*India, Poona	10	**0.1**	*0.04*	0.01	*0.01*	13	**0.2**	*0.05*	0.01	*0.01*
*India, Sikkim State	2	**0.2**	*0.14*	0.02	*0.02*	0	**-**	-	–	-
*India, Trivandrum	2	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province	25	**1.4**	*0.30*	0.17	*0.04*	16	**0.9**	*0.23*	0.11	*0.04*
Israel	196	**1.0**	*0.08*	0.12	*0.01*	166	**0.7**	*0.06*	0.08	*0.01*
*Israel: Jews	178	**1.0**	*0.08*	0.12	*0.01*	155	**0.7**	*0.06*	0.09	*0.01*
*Israel: Non–Jews	18	**1.0**	*0.25*	0.15	*0.04*	11	**0.5**	*0.17*	0.05	*0.02*
Japan, Aichi Prefecture	47	**0.8**	*0.12*	0.09	*0.02*	32	**0.5**	*0.11*	0.05	*0.01*
Japan, Fukui Prefecture	54	**1.2**	*0.18*	0.13	*0.02*	36	**0.7**	*0.14*	0.08	*0.02*
Japan, Hiroshima	72	**1.3**	*0.16*	0.16	*0.02*	49	**0.8**	*0.12*	0.09	*0.02*
Japan, Miyagi Prefecture	94	**0.8**	*0.09*	0.09	*0.01*	54	**0.4**	*0.06*	0.05	*0.01*
Japan, Nagasaki Prefecture	84	**1.0**	*0.13*	0.11	*0.02*	75	**0.6**	*0.09*	0.08	*0.01*
Japan, Niigata Prefecture	126	**1.0**	*0.09*	0.11	*0.01*	78	**0.4**	*0.06*	0.04	*0.01*
*Japan, Osaka Prefecture	303	**0.7**	*0.04*	0.08	*0.01*	227	**0.4**	*0.03*	0.05	*0.00*
Japan, Saga Prefecture	41	**1.0**	*0.17*	0.11	*0.02*	26	**0.4**	*0.11*	0.04	*0.01*
Republic of Korea	1379	**1.0**	*0.03*	0.12	*0.00*	1028	**0.6**	*0.02*	0.08	*0.00*
Republic of Korea, Busan	103	**1.0**	*0.11*	0.11	*0.01*	65	**0.5**	*0.07*	0.06	*0.01*
Republic of Korea, Daegu	67	**1.1**	*0.14*	0.12	*0.02*	64	**0.8**	*0.10*	0.08	*0.01*
Republic of Korea, Daejeon	42	**1.3**	*0.21*	0.19	*0.03*	33	**0.8**	*0.14*	0.10	*0.02*
Republic of Korea, Gwangju	32	**1.1**	*0.20*	0.12	*0.03*	18	**0.4**	*0.10*	0.04	*0.01*
Republic of Korea, Incheon	65	**1.0**	*0.13*	0.12	*0.02*	51	**0.7**	*0.10*	0.08	*0.01*
Republic of Korea, Jejudo	11	**0.9**	*0.28*	0.10	*0.03*	3	**0.1**	*0.09*	0.02	*0.02*
Republic of Korea, Seoul	288	**1.1**	*0.07*	0.13	*0.01*	190	**0.6**	*0.04*	0.08	*0.01*
Republic of Korea, Ulsan	17	**0.6**	*0.16*	0.07	*0.02*	18	**0.7**	*0.16*	0.08	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Small intestine (C17) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	12	**0.3**	*0.11*	0.05	*0.02*	8	**0.3**	*0.11*	0.04	*0.02*
*Kuwait: Kuwaitis	7	**0.6**	*0.25*	0.11	*0.05*	2	**0.2**	*0.11*	0.02	*0.02*
*Kuwait: Non−Kuwaitis	5	**0.1**	*0.03*	0.01	*0.00*	6	**0.4**	*0.23*	0.05	*0.04*
*Malaysia, Penang	10	**0.5**	*0.15*	0.05	*0.02*	7	**0.2**	*0.10*	0.03	*0.01*
*Malaysia, Penang: Chinese	7	**0.5**	*0.20*	0.05	*0.02*	5	**0.3**	*0.13*	0.04	*0.02*
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	3	**0.4**	*0.23*	0.06	*0.05*	1	**0.1**	*0.14*	0.02	*0.02*
*Philippines, Manila	51	**0.7**	*0.10*	0.09	*0.02*	27	**0.3**	*0.06*	0.03	*0.01*
*Philippines, Rizal	51	**0.6**	*0.09*	0.07	*0.01*	33	**0.3**	*0.06*	0.04	*0.01*
Qatar: Qatari	3	**1.0**	*0.62*	0.09	*0.07*	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	26	**0.5**	*0.11*	0.07	*0.02*	13	**0.3**	*0.08*	0.03	*0.01*
Singapore	66	**0.7**	*0.09*	0.09	*0.01*	48	**0.4**	*0.06*	0.05	*0.01*
Singapore: Chinese	50	**0.7**	*0.09*	0.08	*0.01*	38	**0.4**	*0.07*	0.04	*0.01*
Singapore: Indian	4	**0.5**	*0.28*	0.07	*0.04*	8	**1.2**	*0.43*	0.16	*0.07*
Singapore: Malay	6	**0.7**	*0.30*	0.12	*0.05*	1	**0.1**	*0.08*	0.00	*0.00*
Thailand, Bangkok	56	**0.4**	*0.06*	0.05	*0.01*	62	**0.3**	*0.04*	0.04	*0.01*
Thailand, Chiang Mai	20	**0.5**	*0.12*	0.05	*0.01*	13	**0.3**	*0.08*	0.04	*0.01*
Thailand, Chonburi	6	**0.2**	*0.09*	0.02	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
*Thailand, Khon Kaen	6	**0.1**	*0.06*	0.02	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
Thailand, Lampang	2	**0.1**	*0.05*	0.01	*0.01*	9	**0.3**	*0.11*	0.03	*0.01*
*Thailand, Songkhla	9	**0.3**	*0.11*	0.03	*0.01*	7	**0.2**	*0.09*	0.03	*0.01*
*Turkey, Antalya	21	**0.5**	*0.12*	0.06	*0.02*	22	**0.5**	*0.12*	0.05	*0.01*
*Turkey, Edirne	6	**0.6**	*0.23*	0.05	*0.02*	4	**0.4**	*0.22*	0.05	*0.02*
*Turkey, Izmir	61	**0.6**	*0.08*	0.07	*0.01*	30	**0.3**	*0.05*	0.03	*0.01*
*Turkey, Trabzon	7	**0.7**	*0.26*	0.08	*0.03*	4	**0.3**	*0.17*	0.04	*0.02*
Europe										
Austria	337	**1.0**	*0.06*	0.12	*0.01*	293	**0.7**	*0.05*	0.09	*0.01*
Austria, Tyrol	18	**0.7**	*0.17*	0.10	*0.03*	9	**0.3**	*0.11*	0.03	*0.01*
Austria, Vorarlberg	10	**0.7**	*0.24*	0.10	*0.04*	11	**0.6**	*0.20*	0.07	*0.03*
*Belarus	99	**0.3**	*0.03*	0.04	*0.00*	122	**0.3**	*0.03*	0.03	*0.00*
*Belgium	386	**1.1**	*0.06*	0.13	*0.01*	389	**0.9**	*0.05*	0.10	*0.01*
Bulgaria	128	**0.4**	*0.04*	0.05	*0.00*	90	**0.2**	*0.03*	0.03	*0.00*
Croatia	121	**0.7**	*0.06*	0.08	*0.01*	92	**0.3**	*0.04*	0.04	*0.01*
Cyprus	7	**0.3**	*0.10*	0.02	*0.01*	6	**0.2**	*0.09*	0.02	*0.01*
Czech Republic	370	**0.9**	*0.05*	0.11	*0.01*	304	**0.6**	*0.04*	0.07	*0.00*
Denmark	205	**0.9**	*0.06*	0.11	*0.01*	211	**0.8**	*0.06*	0.09	*0.01*
*Estonia	22	**0.5**	*0.11*	0.06	*0.01*	30	**0.4**	*0.07*	0.05	*0.01*
Finland	238	**1.1**	*0.08*	0.13	*0.01*	205	**0.8**	*0.06*	0.09	*0.01*
*France, Bas−Rhin	58	**1.4**	*0.20*	0.18	*0.03*	45	**0.9**	*0.15*	0.11	*0.02*
*France, Calvados	30	**1.1**	*0.21*	0.13	*0.03*	22	**0.7**	*0.18*	0.09	*0.02*
*France, Doubs	14	**0.6**	*0.18*	0.05	*0.02*	19	**0.7**	*0.18*	0.07	*0.02*
*France, Haut−Rhin	38	**1.2**	*0.21*	0.15	*0.03*	29	**0.8**	*0.17*	0.11	*0.03*
*France, Hérault	59	**1.5**	*0.20*	0.16	*0.03*	43	**0.9**	*0.15*	0.10	*0.02*
*France, Isère	45	**1.0**	*0.16*	0.12	*0.02*	43	**0.8**	*0.14*	0.10	*0.02*
*France, Loire−Atlantique	85	**1.9**	*0.21*	0.20	*0.03*	49	**0.8**	*0.13*	0.09	*0.02*
*France, Manche	18	**0.9**	*0.23*	0.11	*0.03*	20	**0.6**	*0.15*	0.07	*0.02*
*France, Somme	29	**1.4**	*0.26*	0.15	*0.03*	29	**1.0**	*0.21*	0.09	*0.02*
*France, Tarn	20	**1.0**	*0.25*	0.13	*0.04*	16	**0.7**	*0.21*	0.09	*0.03*
*France, Vendée	40	**1.6**	*0.28*	0.21	*0.04*	21	**0.5**	*0.14*	0.06	*0.02*
Germany, Brandenburg	115	**1.0**	*0.10*	0.13	*0.01*	107	**0.7**	*0.08*	0.09	*0.01*
Germany, Bremen	31	**1.0**	*0.18*	0.13	*0.03*	36	**0.8**	*0.17*	0.07	*0.02*
Germany, Free State of Saxony	240	**1.2**	*0.08*	0.13	*0.01*	196	**0.8**	*0.06*	0.09	*0.01*
Germany, Hamburg	61	**0.8**	*0.10*	0.10	*0.02*	74	**0.8**	*0.11*	0.08	*0.01*
Germany, Mecklenburg−Western Pomerania	64	**0.8**	*0.11*	0.10	*0.01*	60	**0.6**	*0.09*	0.08	*0.01*
Germany, Munich	263	**1.6**	*0.10*	0.19	*0.01*	201	**1.0**	*0.08*	0.12	*0.01*
Germany, North Rhine−Westphalia	101	**0.8**	*0.09*	0.09	*0.01*	90	**0.6**	*0.07*	0.06	*0.01*
Germany, Saarland	59	**1.1**	*0.16*	0.14	*0.02*	44	**0.7**	*0.11*	0.08	*0.02*
Germany, Schleswig−Holstein	148	**1.1**	*0.10*	0.14	*0.01*	114	**0.7**	*0.07*	0.09	*0.01*
Iceland	20	**2.0**	*0.48*	0.21	*0.06*	14	**1.3**	*0.37*	0.15	*0.05*
Ireland	139	**1.0**	*0.09*	0.12	*0.01*	118	**0.7**	*0.07*	0.08	*0.01*
Italy, Biella	12	**1.2**	*0.37*	0.17	*0.06*	4	**0.5**	*0.26*	0.06	*0.03*
Italy, Brescia	44	**1.3**	*0.20*	0.16	*0.03*	30	**0.5**	*0.12*	0.05	*0.01*
Italy, Catania and Messina	26	**0.6**	*0.13*	0.07	*0.02*	18	**0.3**	*0.09*	0.04	*0.01*
Italy, Catanzaro	11	**1.2**	*0.39*	0.16	*0.05*	12	**0.9**	*0.29*	0.10	*0.04*
Italy, Como	31	**1.2**	*0.23*	0.14	*0.03*	23	**0.6**	*0.14*	0.06	*0.02*
Italy, Ferrara	31	**1.6**	*0.32*	0.18	*0.04*	13	**0.3**	*0.13*	0.02	*0.01*
Italy, Florence and Prato	33	**0.9**	*0.17*	0.12	*0.02*	26	**0.6**	*0.15*	0.08	*0.02*
Italy, Friuli−Venezia Giulia	60	**1.0**	*0.13*	0.13	*0.02*	52	**0.6**	*0.10*	0.07	*0.01*
Italy, Genoa	39	**1.0**	*0.17*	0.12	*0.02*	41	**0.8**	*0.16*	0.10	*0.02*
Italy, Latina	15	**0.7**	*0.19*	0.09	*0.03*	13	**0.4**	*0.13*	0.05	*0.02*
Italy, Lecco	20	**1.5**	*0.36*	0.15	*0.04*	13	**0.5**	*0.16*	0.04	*0.02*
Italy, Lombardy, South	15	**0.6**	*0.16*	0.05	*0.02*	24	**0.8**	*0.19*	0.09	*0.03*
Italy, Mantua	19	**1.7**	*0.41*	0.16	*0.05*	13	**0.7**	*0.25*	0.05	*0.03*
Italy, Milan	53	**1.1**	*0.17*	0.11	*0.02*	42	**0.5**	*0.11*	0.06	*0.01*
Italy, Modena	57	**1.6**	*0.23*	0.17	*0.03*	34	**0.9**	*0.17*	0.10	*0.02*
Italy, Naples	15	**0.8**	*0.22*	0.07	*0.02*	13	**0.6**	*0.18*	0.07	*0.02*
Italy, Nuoro	9	**0.8**	*0.27*	0.05	*0.02*	5	**0.1**	*0.06*	–	-
Italy, Palermo	42	**1.0**	*0.17*	0.12	*0.02*	30	**0.5**	*0.11*	0.06	*0.02*
Italy, Parma	39	**1.6**	*0.28*	0.21	*0.04*	30	**0.9**	*0.21*	0.11	*0.03*
Italy, Ragusa	12	**0.8**	*0.26*	0.11	*0.04*	8	**0.5**	*0.20*	0.06	*0.03*
Italy, Reggio Emilia	35	**1.3**	*0.24*	0.17	*0.04*	32	**1.0**	*0.22*	0.12	*0.03*
Italy, Romagna	64	**1.1**	*0.16*	0.14	*0.02*	52	**0.6**	*0.11*	0.07	*0.01*
Italy, Salerno	44	**1.0**	*0.16*	0.12	*0.02*	32	**0.5**	*0.11*	0.06	*0.01*
Italy, Sassari	24	**1.1**	*0.24*	0.10	*0.03*	26	**1.0**	*0.22*	0.11	*0.03*
Italy, Sondrio	8	**1.1**	*0.41*	0.10	*0.04*	0	**-**	-	–	-
Italy, South Tyrol	14	**0.9**	*0.26*	0.11	*0.03*	12	**0.7**	*0.21*	0.09	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Small intestine (C17) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	5	**0.2**	*0.12*	0.03	*0.02*	12	**0.7**	*0.21*	0.09	*0.03*
Italy, Trapani	17	**1.4**	*0.33*	0.18	*0.04*	11	**0.7**	*0.22*	0.08	*0.03*
Italy, Trento	27	**1.4**	*0.28*	0.18	*0.04*	20	**0.6**	*0.16*	0.08	*0.03*
Italy, Turin	51	**1.1**	*0.16*	0.12	*0.02*	33	**0.5**	*0.10*	0.06	*0.01*
Italy, Umbria	36	**0.8**	*0.15*	0.09	*0.02*	27	**0.5**	*0.12*	0.05	*0.01*
Italy, Varese	39	**1.0**	*0.18*	0.12	*0.02*	43	**0.9**	*0.15*	0.11	*0.02*
Italy, Veneto	93	**1.1**	*0.12*	0.13	*0.02*	74	**0.6**	*0.09*	0.07	*0.01*
Latvia	25	**0.4**	*0.09*	0.05	*0.01*	33	**0.3**	*0.06*	0.04	*0.01*
Lithuania	61	**0.6**	*0.07*	0.07	*0.01*	73	**0.5**	*0.06*	0.05	*0.01*
Malta	10	**0.8**	*0.25*	0.08	*0.03*	12	**0.7**	*0.21*	0.07	*0.03*
*The Netherlands	616	**1.0**	*0.04*	0.11	*0.01*	580	**0.8**	*0.03*	0.09	*0.00*
*The Netherlands, Eindhoven	46	**1.1**	*0.16*	0.12	*0.02*	39	**0.9**	*0.15*	0.10	*0.02*
Norway	285	**1.6**	*0.10*	0.19	*0.01*	236	**1.1**	*0.08*	0.13	*0.01*
Poland, Cracow	12	**0.6**	*0.17*	0.07	*0.02*	19	**0.6**	*0.15*	0.07	*0.02*
Poland, Kielce	15	**0.3**	*0.08*	0.04	*0.01*	9	**0.1**	*0.05*	0.01	*0.01*
Poland, Lower Silesia	48	**0.5**	*0.08*	0.07	*0.01*	53	**0.4**	*0.06*	0.04	*0.01*
Poland, Podkarpackie	25	**0.4**	*0.08*	0.04	*0.01*	36	**0.4**	*0.07*	0.04	*0.01*
Portugal, Azores	5	**0.7**	*0.31*	0.10	*0.05*	3	**0.3**	*0.17*	0.03	*0.02*
Russian Federation, Saint Petersburg	66	**0.4**	*0.06*	0.06	*0.01*	80	**0.3**	*0.04*	0.03	*0.00*
*Serbia, Central	139	**0.6**	*0.05*	0.07	*0.01*	146	**0.5**	*0.05*	0.07	*0.01*
Slovakia	182	**1.1**	*0.08*	0.14	*0.01*	159	**0.7**	*0.06*	0.08	*0.01*
Slovenia	69	**0.9**	*0.11*	0.11	*0.02*	46	**0.4**	*0.07*	0.05	*0.01*
Spain, Albacete	14	**0.8**	*0.25*	0.12	*0.04*	8	**0.5**	*0.21*	0.06	*0.03*
Spain, Asturias	51	**0.8**	*0.13*	0.10	*0.02*	63	**0.9**	*0.14*	0.11	*0.02*
Spain, Basque Country	87	**0.9**	*0.10*	0.10	*0.01*	73	**0.5**	*0.07*	0.06	*0.01*
Spain, Canary Islands	31	**0.7**	*0.12*	0.08	*0.02*	25	**0.5**	*0.11*	0.06	*0.01*
Spain, Ciudad Real	15	**0.9**	*0.26*	0.10	*0.03*	8	**0.4**	*0.15*	0.05	*0.02*
Spain, Cuenca	9	**0.8**	*0.31*	0.08	*0.04*	5	**0.4**	*0.23*	0.05	*0.03*
Spain, Girona	21	**0.6**	*0.13*	0.08	*0.03*	15	**0.6**	*0.16*	0.07	*0.02*
*Spain, Granada	28	**0.9**	*0.18*	0.12	*0.02*	16	**0.5**	*0.13*	0.06	*0.02*
Spain, La Rioja	11	**0.7**	*0.22*	0.08	*0.03*	3	**0.3**	*0.17*	0.04	*0.02*
Spain, Mallorca	19	**0.7**	*0.16*	0.07	*0.02*	21	**0.6**	*0.15*	0.06	*0.02*
Spain, Murcia	57	**1.2**	*0.17*	0.14	*0.02*	38	**0.6**	*0.10*	0.06	*0.01*
Spain, Navarra	20	**0.8**	*0.20*	0.09	*0.03*	22	**0.8**	*0.19*	0.10	*0.03*
Spain, Tarragona	21	**0.7**	*0.17*	0.08	*0.02*	16	**0.4**	*0.12*	0.06	*0.02*
*Sweden	683	**1.6**	*0.07*	0.20	*0.01*	527	**1.0**	*0.05*	0.12	*0.01*
Switzerland, Basel	29	**1.4**	*0.27*	0.14	*0.04*	24	**0.7**	*0.17*	0.12	*0.03*
Switzerland, Geneva	24	**1.5**	*0.32*	0.22	*0.05*	16	**0.6**	*0.18*	0.07	*0.02*
Switzerland, Graubünden and Glarus	14	**1.7**	*0.45*	0.17	*0.05*	16	**1.6**	*0.43*	0.21	*0.06*
Switzerland, Neuchâtel	6	**0.9**	*0.37*	0.10	*0.05*	6	**0.8**	*0.33*	0.11	*0.05*
Switzerland, St Gall–Appenzell	23	**1.1**	*0.23*	0.14	*0.03*	19	**0.6**	*0.16*	0.09	*0.03*
Switzerland, Ticino	30	**2.0**	*0.40*	0.23	*0.05*	16	**0.9**	*0.26*	0.10	*0.03*
Switzerland, Valais	14	**1.2**	*0.33*	0.16	*0.05*	8	**0.5**	*0.21*	0.07	*0.03*
Switzerland, Vaud	51	**1.9**	*0.27*	0.20	*0.04*	20	**0.7**	*0.17*	0.09	*0.02*
Switzerland, Zurich	71	**1.4**	*0.17*	0.16	*0.02*	44	**0.7**	*0.12*	0.07	*0.01*
Ukraine	513	**0.3**	*0.02*	0.04	*0.00*	483	**0.2**	*0.01*	0.03	*0.00*
UK, England	1963	**0.9**	*0.02*	0.11	*0.00*	1665	**0.6**	*0.02*	0.07	*0.00*
UK, England, East of England Region	206	**0.8**	*0.06*	0.11	*0.01*	170	**0.6**	*0.05*	0.07	*0.01*
UK, England, North Western	253	**0.9**	*0.06*	0.11	*0.01*	206	**0.6**	*0.05*	0.07	*0.01*
UK, England, Northern and Yorkshire	259	**0.9**	*0.06*	0.10	*0.01*	234	**0.7**	*0.05*	0.08	*0.01*
UK, England, Oxford Region	82	**0.8**	*0.09*	0.09	*0.01*	72	**0.6**	*0.07*	0.07	*0.01*
UK, England, South and Western Regions	350	**1.0**	*0.06*	0.12	*0.01*	292	**0.7**	*0.05*	0.08	*0.01*
UK, England, Thames	353	**0.8**	*0.05*	0.10	*0.01*	314	**0.6**	*0.04*	0.07	*0.01*
UK, England, Trent	151	**1.1**	*0.10*	0.13	*0.01*	120	**0.7**	*0.08*	0.08	*0.01*
UK, England, West Midlands	240	**1.0**	*0.07*	0.12	*0.01*	186	**0.7**	*0.06*	0.09	*0.01*
UK, Northern Ireland	64	**1.1**	*0.14*	0.14	*0.02*	42	**0.6**	*0.10*	0.07	*0.01*
UK, Scotland	212	**1.0**	*0.07*	0.11	*0.01*	195	**0.7**	*0.06*	0.08	*0.01*
UK, Wales	158	**1.2**	*0.10*	0.14	*0.01*	140	**0.8**	*0.08*	0.10	*0.01*
Oceania										
Australian Capital Territory	15	**1.5**	*0.40*	0.18	*0.06*	11	**0.7**	*0.22*	0.04	*0.03*
Australia, New South Wales	314	**1.2**	*0.07*	0.14	*0.01*	245	**0.8**	*0.06*	0.09	*0.01*
Australia, Northern Territory	5	**1.0**	*0.48*	0.15	*0.07*	7	**2.1**	*0.81*	0.17	*0.11*
Australia, Northern Territory: Indigenous	2	**3.3**	*2.42*	0.50	*0.38*	1	**1.4**	*1.42*	0.24	*0.24*
Australia, Northern Territory: Non–Indigenous	3	**0.7**	*0.42*	0.10	*0.06*	6	**2.3**	*0.95*	0.16	*0.14*
Australia, Queensland	201	**1.4**	*0.10*	0.17	*0.01*	171	**1.1**	*0.09*	0.14	*0.01*
South Australia	77	**1.3**	*0.15*	0.15	*0.02*	79	**1.1**	*0.13*	0.13	*0.02*
Australia, Tasmania	18	**1.0**	*0.25*	0.10	*0.03*	23	**1.0**	*0.22*	0.13	*0.03*
Australia, Victoria	224	**1.2**	*0.08*	0.14	*0.01*	189	**0.9**	*0.07*	0.10	*0.01*
Western Australia	103	**1.5**	*0.15*	0.18	*0.02*	82	**1.1**	*0.12*	0.13	*0.02*
New Zealand	212	**1.5**	*0.11*	0.19	*0.02*	148	**0.9**	*0.08*	0.11	*0.01*
New Zealand: Maori	27	**2.7**	*0.52*	0.36	*0.08*	27	**2.2**	*0.44*	0.26	*0.06*
New Zealand: Pacific Islander	11	**2.4**	*0.75*	0.32	*0.12*	6	**1.1**	*0.49*	0.05	*0.03*
New Zealand: Other	174	**1.3**	*0.11*	0.17	*0.02*	115	**0.8**	*0.08*	0.09	*0.01*
USA, Hawaii	63	**1.4**	*0.18*	0.18	*0.03*	45	**0.7**	*0.12*	0.08	*0.02*
*USA, Hawaii: Chinese	3	**0.5**	*0.29*	–	-	5	**1.4**	*0.70*	0.15	*0.09*
*USA, Hawaii: Filipino	7	**1.2**	*0.50*	0.18	*0.08*	2	**0.3**	*0.23*	0.04	*0.03*
*USA, Hawaii: Hawaiian	17	**2.9**	*0.74*	0.46	*0.13*	9	**1.1**	*0.40*	0.11	*0.05*
*USA, Hawaii: Japanese	11	**0.8**	*0.27*	0.10	*0.04*	12	**0.6**	*0.20*	0.07	*0.03*
*USA, Hawaii: White	18	**1.5**	*0.36*	0.20	*0.05*	13	**0.8**	*0.26*	0.09	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon and rectum (C18-20)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	209	**8.1**	*0.60*	–	-	227	**8.7**	*0.60*	–	-
Egypt, Gharbiah	458	**5.6**	*0.28*	0.61	*0.04*	411	**5.3**	*0.27*	0.59	*0.04*
*Libya, Benghazi	175	**13.7**	*1.09*	1.76	*0.18*	174	**12.3**	*0.99*	1.45	*0.15*
*Malawi, Blantyre	33	**3.1**	*0.61*	0.38	*0.09*	36	**2.9**	*0.59*	0.32	*0.08*
*South Africa, PROMEC	25	**1.7**	*0.35*	0.18	*0.04*	26	**1.0**	*0.21*	0.11	*0.02*
*Tunisia, North	722	**10.5**	*0.40*	1.28	*0.06*	651	**9.2**	*0.37*	1.04	*0.05*
*Uganda, Kyadondo County	97	**7.9**	*0.96*	1.01	*0.16*	116	**9.4**	*0.95*	1.08	*0.13*
*Zimbabwe, Harare: African	131	**12.9**	*1.29*	1.55	*0.19*	91	**11.2**	*1.33*	1.49	*0.22*
America, Central and South										
Argentina, Bahía Blanca	312	**34.2**	*2.05*	4.12	*0.29*	263	**19.1**	*1.37*	2.27	*0.19*
Argentina, Córdoba	715	**26.0**	*0.99*	3.11	*0.15*	655	**16.6**	*0.70*	1.86	*0.09*
Argentina, Mendoza	1120	**24.8**	*0.77*	3.03	*0.11*	1005	**17.8**	*0.60*	2.04	*0.08*
*Argentina, Tierra del Fuego	50	**27.1**	*4.17*	3.45	*0.62*	30	**15.5**	*3.05*	1.73	*0.42*
Brazil, Aracaju	84	**14.7**	*1.66*	1.80	*0.25*	128	**14.1**	*1.29*	1.57	*0.18*
Brazil, Belo Horizonte	569	**22.1**	*0.94*	2.66	*0.14*	755	**19.4**	*0.72*	2.13	*0.10*
Brazil, Cuiabá	155	**17.1**	*1.45*	2.14	*0.22*	148	**14.4**	*1.23*	1.68	*0.18*
Brazil, Fortaleza	350	**12.0**	*0.66*	1.42	*0.10*	415	**9.7**	*0.49*	1.05	*0.07*
Brazil, Goiânia	636	**30.8**	*1.26*	3.62	*0.19*	694	**26.3**	*1.02*	3.05	*0.15*
*Brazil, São Paulo	7668	**35.5**	*0.44*	4.11	*0.06*	8271	**26.6**	*0.32*	2.93	*0.04*
Chile, Region of Antofagasta	152	**13.8**	*1.14*	1.44	*0.16*	154	**11.9**	*0.98*	1.40	*0.15*
Chile, Bío Bío Province	122	**12.1**	*1.10*	1.38	*0.16*	133	**11.9**	*1.07*	1.29	*0.15*
Chile, Valdivia	153	**14.8**	*1.22*	1.72	*0.18*	165	**13.7**	*1.11*	1.52	*0.15*
Colombia, Bucaramanga	278	**13.3**	*0.81*	1.56	*0.12*	336	**12.1**	*0.68*	1.47	*0.10*
Colombia, Cali	687	**16.0**	*0.63*	1.88	*0.09*	823	**14.3**	*0.52*	1.65	*0.07*
Colombia, Manizales	131	**14.2**	*1.26*	1.69	*0.19*	161	**13.5**	*1.09*	1.67	*0.16*
Colombia, Pasto	56	**7.3**	*1.00*	0.90	*0.15*	75	**7.5**	*0.89*	0.83	*0.12*
Costa Rica	1319	**14.6**	*0.41*	1.64	*0.06*	1352	**13.5**	*0.38*	1.48	*0.05*
Cuba, Villa Clara	419	**15.3**	*0.80*	1.71	*0.11*	456	**15.3**	*0.77*	1.65	*0.11*
Ecuador, Cuenca	44	**5.0**	*0.80*	0.61	*0.12*	85	**7.1**	*0.82*	0.78	*0.11*
Ecuador, Quito	335	**11.2**	*0.64*	1.25	*0.09*	397	**10.6**	*0.56*	1.16	*0.08*
*France, Martinique	285	**19.7**	*1.22*	2.27	*0.17*	333	**17.4**	*1.06*	1.86	*0.14*
*Jamaica, Kingston and St Andrew	230	**16.6**	*1.13*	2.10	*0.18*	216	**11.9**	*0.87*	1.39	*0.13*
USA, Puerto Rico	4431	**32.4**	*0.51*	3.97	*0.07*	3769	**22.0**	*0.38*	2.57	*0.05*
Uruguay	2366	**34.3**	*0.74*	4.01	*0.11*	2389	**24.6**	*0.57*	2.75	*0.08*
America, North										
Canada	52796	**41.7**	*0.19*	5.07	*0.03*	44557	**27.9**	*0.15*	3.24	*0.02*
Canada, Alberta	4319	**38.6**	*0.61*	4.59	*0.09*	3428	**25.8**	*0.48*	3.03	*0.07*
Canada, British Columbia	6574	**36.5**	*0.47*	4.40	*0.07*	5387	**25.0**	*0.38*	2.89	*0.06*
Canada, Manitoba	2058	**44.1**	*1.03*	5.24	*0.15*	1756	**29.0**	*0.80*	3.28	*0.12*
Canada, New Brunswick	1347	**42.5**	*1.20*	5.03	*0.18*	1101	**26.7**	*0.90*	3.02	*0.13*
Canada, Newfoundland and Labrador	1260	**58.8**	*1.70*	7.10	*0.25*	960	**39.0**	*1.34*	4.69	*0.20*
*Canada, Northwest Territories	63	**70.8**	*9.43*	8.40	*1.45*	38	**42.0**	*7.23*	5.28	*1.20*
Canada, Nova Scotia	2014	**50.3**	*1.16*	5.99	*0.17*	1739	**33.8**	*0.91*	3.88	*0.13*
Canada, Ontario	19300	**40.7**	*0.30*	5.01	*0.05*	16527	**27.5**	*0.24*	3.20	*0.03*
Canada, Prince Edward Island	265	**45.0**	*2.87*	5.46	*0.43*	242	**32.8**	*2.37*	3.80	*0.35*
*Canada, Quebec	13733	**44.4**	*0.39*	5.35	*0.06*	11867	**29.2**	*0.29*	3.35	*0.04*
Canada, Saskatchewan	1817	**44.0**	*1.11*	5.54	*0.17*	1482	**28.4**	*0.86*	3.31	*0.13*
*Canada, Yukon	46	**48.5**	*7.36*	7.92	*1.38*	30	**30.6**	*5.82*	3.54	*0.87*
USA, NPCR (42 states)	329465	**34.9**	*0.06*	4.14	*0.01*	316802	**25.6**	*0.05*	2.94	*0.01*
USA, NPCR (42 states): American Indian	1557	**24.1**	*0.62*	2.93	*0.10*	1494	**19.4**	*0.52*	2.32	*0.08*
USA, NPCR (42 states): Asian and Pacific Islander	7362	**23.4**	*0.28*	2.74	*0.04*	7438	**18.6**	*0.22*	2.13	*0.03*
USA, NPCR (42 states): Black	35105	**42.6**	*0.23*	5.08	*0.03*	38171	**32.3**	*0.17*	3.80	*0.03*
USA, NPCR (42 states): White	281291	**34.1**	*0.07*	4.03	*0.01*	265998	**24.6**	*0.05*	2.82	*0.01*
USA, SEER (9 registries)	32551	**33.5**	*0.19*	3.95	*0.03*	31900	**25.1**	*0.16*	2.87	*0.02*
*USA, SEER (9 registries): Black	3211	**41.5**	*0.76*	4.91	*0.11*	3605	**33.0**	*0.58*	3.91	*0.09*
*USA, SEER (9 registries): White	26150	**32.8**	*0.21*	3.85	*0.03*	25322	**24.2**	*0.17*	2.76	*0.03*
USA, SEER (18 registries)	95049	**34.4**	*0.12*	4.07	*0.02*	91287	**25.2**	*0.09*	2.88	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	6380	**28.8**	*0.37*	3.43	*0.06*	6073	**21.4**	*0.29*	2.45	*0.04*
*USA, SEER (18 registries): Black	9915	**43.6**	*0.45*	5.24	*0.07*	10741	**33.3**	*0.34*	3.92	*0.05*
*USA, SEER (18 registries): Hispanic White	8146	**29.3**	*0.34*	3.58	*0.05*	7077	**20.7**	*0.26*	2.36	*0.04*
*USA, SEER (18 registries): Non–Hispanic White	69393	**34.4**	*0.14*	4.05	*0.02*	66272	**24.9**	*0.11*	2.83	*0.02*
*USA, SEER (18 registries): White	77539	**33.7**	*0.13*	3.98	*0.02*	73349	**24.4**	*0.10*	2.77	*0.01*
USA, Alabama	6367	**39.1**	*0.51*	4.72	*0.07*	5728	**26.5**	*0.38*	3.07	*0.05*
USA, Alabama: Black	1388	**46.6**	*1.29*	5.66	*0.19*	1459	**32.8**	*0.92*	3.89	*0.13*
USA, Alabama: White	4913	**37.4**	*0.55*	4.50	*0.08*	4220	**24.9**	*0.43*	2.85	*0.06*
USA, Alaska	632	**35.3**	*1.45*	4.25	*0.23*	521	**27.6**	*1.26*	3.21	*0.19*
*USA, Alaska: American Indian	157	**64.8**	*5.29*	7.96	*0.80*	166	**58.7**	*4.68*	7.17	*0.70*
USA, Arizona	6254	**28.2**	*0.38*	3.41	*0.06*	5537	**20.4**	*0.30*	2.34	*0.04*
USA, Arizona: American Indian	118	**18.1**	*1.71*	1.87	*0.22*	113	**14.4**	*1.38*	1.62	*0.19*
USA, Arizona: Asian and Pacific Islander	71	**20.2**	*2.46*	2.19	*0.36*	62	**12.5**	*1.61*	1.38	*0.23*
USA, Arizona: Black	148	**28.6**	*2.42*	3.57	*0.37*	141	**24.3**	*2.11*	2.85	*0.31*
USA, Arizona: White	5850	**28.2**	*0.39*	3.42	*0.06*	5175	**20.4**	*0.32*	2.35	*0.05*
USA, Arkansas	3854	**36.9**	*0.62*	4.43	*0.09*	3586	**26.3**	*0.49*	3.02	*0.07*
USA, Arkansas: Black	473	**46.6**	*2.22*	5.77	*0.33*	526	**34.5**	*1.63*	3.85	*0.23*
USA, Arkansas: White	3352	**36.0**	*0.65*	4.31	*0.09*	3025	**25.1**	*0.51*	2.90	*0.07*
USA, California	36652	**31.6**	*0.17*	3.75	*0.03*	34873	**23.4**	*0.14*	2.66	*0.02*
USA, California: American Indian	125	**11.4**	*1.05*	1.43	*0.16*	129	**9.4**	*0.86*	1.06	*0.14*
USA, California: Asian and Pacific Islander	3918	**27.2**	*0.45*	3.24	*0.07*	3931	**21.2**	*0.36*	2.42	*0.05*
USA, California: Black	2550	**40.2**	*0.81*	4.88	*0.12*	2700	**31.4**	*0.63*	3.69	*0.09*
USA, California: White	29480	**31.2**	*0.19*	3.70	*0.03*	27680	**22.8**	*0.15*	2.58	*0.02*
USA, California, Los Angeles County	9535	**32.6**	*0.35*	3.90	*0.05*	9389	**24.1**	*0.27*	2.75	*0.04*
*USA, California, Los Angeles County: Asian and Pacific Islander	1471	**32.1**	*0.87*	3.74	*0.13*	1372	**23.4**	*0.67*	2.66	*0.10*
*USA, California, Los Angeles County: Black	1163	**43.9**	*1.31*	5.36	*0.19*	1306	**33.1**	*0.97*	3.84	*0.14*
*USA, California, Los Angeles County: Chinese	419	**30.6**	*1.57*	3.66	*0.23*	400	**23.8**	*1.27*	2.54	*0.18*
*USA, California, Los Angeles County: Filipino	291	**32.1**	*1.96*	3.52	*0.27*	296	**22.5**	*1.36*	2.58	*0.20*
*USA, California, Los Angeles County: Hispanic White	1999	**26.3**	*0.62*	3.16	*0.09*	1933	**19.4**	*0.46*	2.21	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon and rectum (C18-20) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	285	**47.1**	*3.33*	5.38	*0.45*	254	**32.1**	*2.47*	3.62	*0.32*
*USA, California, Los Angeles County: Korean	241	**38.6**	*2.53*	4.73	*0.39*	208	**25.5**	*1.83*	2.90	*0.25*
*USA, California, Los Angeles County: Non−Hispanic White	4782	**33.6**	*0.52*	4.01	*0.08*	4707	**25.0**	*0.43*	2.84	*0.06*
*USA, California, Los Angeles County: White	6781	**31.0**	*0.40*	3.71	*0.06*	6640	**22.9**	*0.31*	2.59	*0.05*
USA, California, San Francisco Bay Area	4780	**31.4**	*0.48*	3.74	*0.07*	4810	**24.0**	*0.39*	2.72	*0.06*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	916	**28.5**	*0.98*	3.52	*0.15*	957	**22.6**	*0.79*	2.57	*0.11*
*USA, California, San Francisco Bay Area: Black	468	**38.4**	*1.83*	4.60	*0.28*	527	**30.3**	*1.43*	3.65	*0.22*
*USA, California, San Francisco Bay Area: Hispanic White	437	**31.2**	*1.57*	3.98	*0.25*	424	**21.8**	*1.14*	2.30	*0.16*
*USA, California, San Francisco Bay Area: Non−Hispanic White	2866	**30.8**	*0.61*	3.57	*0.09*	2839	**23.5**	*0.52*	2.65	*0.08*
*USA, California, San Francisco Bay Area: White	3303	**30.7**	*0.56*	3.62	*0.09*	3263	**23.3**	*0.47*	2.60	*0.07*
USA, Colorado	4543	**30.2**	*0.46*	3.53	*0.07*	4326	**22.9**	*0.38*	2.57	*0.06*
USA, Colorado: Asian and Pacific Islander	59	**22.7**	*3.03*	2.83	*0.49*	69	**16.7**	*2.08*	1.89	*0.30*
USA, Colorado: Black	160	**34.4**	*2.82*	4.27	*0.42*	140	**26.5**	*2.32*	3.13	*0.34*
USA, Colorado: White	4262	**30.0**	*0.47*	3.50	*0.07*	4049	**22.6**	*0.39*	2.53	*0.06*
USA, Connecticut	4810	**35.7**	*0.54*	4.10	*0.08*	4922	**26.2**	*0.43*	2.98	*0.06*
*USA, Connecticut: Black	307	**38.0**	*2.21*	4.75	*0.34*	372	**32.4**	*1.74*	3.87	*0.26*
*USA, Connecticut: White	4412	**35.5**	*0.57*	4.06	*0.08*	4468	**25.7**	*0.45*	2.89	*0.07*
USA, Delaware	1201	**38.3**	*1.15*	4.46	*0.16*	1097	**26.2**	*0.87*	2.98	*0.13*
USA, Delaware: Black	186	**45.5**	*3.40*	5.37	*0.49*	168	**30.4**	*2.45*	3.69	*0.36*
USA, Delaware: White	984	**37.0**	*1.24*	4.29	*0.17*	905	**25.4**	*0.95*	2.86	*0.14*
USA, Florida	26107	**33.3**	*0.22*	4.00	*0.03*	24345	**24.7**	*0.18*	2.85	*0.03*
USA, Florida: Asian and Pacific Islander	164	**15.3**	*1.21*	1.83	*0.18*	153	**11.0**	*0.90*	1.37	*0.14*
USA, Florida: Black	2346	**36.5**	*0.77*	4.38	*0.11*	2520	**28.9**	*0.60*	3.37	*0.09*
USA, Florida: White	23252	**32.9**	*0.24*	3.95	*0.03*	21329	**24.0**	*0.19*	2.77	*0.03*
USA, Georgia	9747	**36.6**	*0.38*	4.41	*0.06*	9127	**26.1**	*0.29*	3.05	*0.04*
USA, Georgia: Asian and Pacific Islander	95	**17.8**	*1.90*	2.17	*0.28*	100	**15.6**	*1.61*	2.02	*0.25*
USA, Georgia: Black	2479	**45.0**	*0.93*	5.54	*0.14*	2752	**33.6**	*0.67*	4.01	*0.10*
USA, Georgia: White	7122	**34.7**	*0.42*	4.15	*0.06*	6239	**23.7**	*0.32*	2.75	*0.05*
USA, Georgia, Atlanta	2585	**31.1**	*0.63*	3.72	*0.10*	2663	**24.7**	*0.51*	2.92	*0.08*
*USA, Georgia, Atlanta: Black	879	**39.8**	*1.42*	4.72	*0.22*	1086	**33.3**	*1.06*	3.94	*0.16*
*USA, Georgia, Atlanta: White	1618	**28.4**	*0.73*	3.42	*0.11*	1497	**20.8**	*0.58*	2.43	*0.09*
USA, Idaho	1490	**28.9**	*0.78*	3.44	*0.12*	1396	**23.3**	*0.68*	2.69	*0.10*
USA, Illinois	17312	**39.6**	*0.31*	4.68	*0.05*	16984	**28.4**	*0.24*	3.26	*0.04*
USA, Illinois: Asian and Pacific Islander	289	**21.2**	*1.26*	2.48	*0.19*	276	**16.9**	*1.04*	2.09	*0.16*
USA, Illinois: Black	2361	**50.5**	*1.06*	6.08	*0.16*	2554	**36.9**	*0.76*	4.42	*0.11*
USA, Illinois: White	14413	**38.2**	*0.33*	4.50	*0.05*	13966	**27.0**	*0.26*	3.06	*0.04*
USA, Indiana	8277	**37.1**	*0.42*	4.40	*0.06*	8198	**27.6**	*0.34*	3.22	*0.05*
USA, Indiana: Black	571	**42.7**	*1.84*	4.83	*0.26*	664	**35.6**	*1.46*	4.16	*0.21*
USA, Indiana: White	7563	**36.4**	*0.44*	4.33	*0.07*	7409	**26.8**	*0.35*	3.12	*0.05*
USA, Iowa	4499	**37.3**	*0.59*	4.42	*0.09*	4681	**28.0**	*0.48*	3.25	*0.07*
USA, Kentucky	6286	**42.0**	*0.55*	5.04	*0.08*	5968	**30.5**	*0.43*	3.54	*0.06*
USA, Louisiana	4965	**42.1**	*0.62*	5.07	*0.09*	4490	**29.4**	*0.48*	3.45	*0.07*
*USA, Louisiana: Black	1347	**49.8**	*1.39*	6.01	*0.21*	1393	**36.2**	*1.02*	4.24	*0.15*
*USA, Louisiana: White	3584	**40.2**	*0.70*	4.83	*0.10*	3067	**27.1**	*0.54*	3.18	*0.08*
*USA, Louisiana, New Orleans	937	**40.0**	*1.36*	4.87	*0.21*	858	**27.1**	*1.02*	3.17	*0.15*
*USA, Louisiana, New Orleans: Black	323	**47.6**	*2.73*	5.61	*0.40*	316	**32.5**	*1.90*	3.88	*0.28*
*USA, Louisiana, New Orleans: White	597	**37.4**	*1.63*	4.56	*0.24*	531	**24.3**	*1.22*	2.83	*0.18*
USA, Maine	2082	**37.6**	*0.86*	4.39	*0.13*	2057	**27.8**	*0.69*	3.14	*0.10*
USA, Massachusetts	8908	**36.7**	*0.41*	4.28	*0.06*	8945	**26.0**	*0.32*	2.93	*0.05*
USA, Massachusetts: Asian and Pacific Islander	162	**24.4**	*1.97*	2.88	*0.30*	164	**21.0**	*1.71*	2.33	*0.24*
USA, Massachusetts: Black	334	**33.9**	*1.91*	4.04	*0.29*	338	**24.7**	*1.40*	2.66	*0.19*
USA, Massachusetts: White	8296	**36.7**	*0.43*	4.28	*0.06*	8365	**25.9**	*0.33*	2.93	*0.05*
USA, Michigan	12714	**34.4**	*0.32*	4.01	*0.05*	12592	**25.9**	*0.26*	2.96	*0.04*
USA, Michigan: Asian and Pacific Islander	97	**20.3**	*2.10*	2.44	*0.33*	70	**12.4**	*1.52*	1.57	*0.24*
USA, Michigan: Black	1684	**46.1**	*1.16*	5.38	*0.17*	1733	**33.7**	*0.86*	4.00	*0.13*
USA, Michigan: White	10721	**32.7**	*0.33*	3.82	*0.05*	10596	**24.6**	*0.27*	2.79	*0.04*
USA, Michigan, Detroit	5187	**36.5**	*0.53*	4.27	*0.08*	5352	**28.0**	*0.43*	3.28	*0.06*
*USA, Michigan, Detroit: Black	1277	**47.8**	*1.39*	5.52	*0.20*	1362	**34.8**	*1.00*	4.15	*0.15*
*USA, Michigan, Detroit: White	3827	**34.1**	*0.58*	3.99	*0.09*	3900	**26.1**	*0.48*	3.02	*0.07*
USA, Mississippi	3993	**42.0**	*0.68*	5.06	*0.10*	3748	**29.6**	*0.53*	3.52	*0.07*
USA, Missouri	8112	**37.2**	*0.43*	4.36	*0.06*	7732	**26.1**	*0.33*	2.95	*0.05*
USA, Missouri: Black	758	**48.3**	*1.80*	5.65	*0.26*	788	**33.0**	*1.25*	3.78	*0.18*
USA, Missouri: White	7248	**36.3**	*0.45*	4.24	*0.07*	6844	**25.3**	*0.35*	2.86	*0.05*
USA, Montana	1229	**31.6**	*0.94*	3.91	*0.14*	1131	**24.7**	*0.82*	2.93	*0.12*
USA, Montana: American Indian	65	**51.9**	*6.56*	5.86	*0.90*	48	**31.3**	*4.61*	3.77	*0.70*
USA, Nebraska	2671	**40.6**	*0.83*	4.82	*0.12*	2528	**27.7**	*0.64*	3.23	*0.10*
USA, Nebraska: Black	66	**42.3**	*5.33*	4.80	*0.79*	71	**32.2**	*4.05*	3.74	*0.63*
USA, Nebraska: White	2560	**40.4**	*0.85*	4.80	*0.13*	2414	**27.3**	*0.65*	3.18	*0.10*
USA, New Hampshire	1656	**33.9**	*0.87*	3.97	*0.13*	1630	**25.9**	*0.71*	3.00	*0.11*
USA, New Jersey	12059	**37.4**	*0.36*	4.35	*0.05*	12231	**27.2**	*0.28*	3.00	*0.04*
*USA, New Jersey: Black	1276	**41.0**	*1.17*	4.83	*0.17*	1493	**32.7**	*0.88*	3.82	*0.13*
*USA, New Jersey: White	10261	**37.2**	*0.39*	4.33	*0.06*	10279	**26.5**	*0.30*	2.90	*0.04*
USA, New Mexico	2122	**30.9**	*0.70*	3.79	*0.10*	1884	**22.3**	*0.56*	2.55	*0.08*
*USA, New Mexico: Hispanic White	708	**32.9**	*1.27*	4.22	*0.19*	578	**22.0**	*0.97*	2.56	*0.14*
*USA, New Mexico: Non−Hispanic White	1269	**30.8**	*0.92*	3.70	*0.13*	1171	**23.2**	*0.77*	2.63	*0.11*
*USA, New Mexico: White	1977	**31.5**	*0.74*	3.87	*0.11*	1749	**22.8**	*0.60*	2.60	*0.08*
USA, New York State	25143	**35.4**	*0.23*	4.09	*0.03*	26303	**26.6**	*0.18*	3.01	*0.03*
USA, New York State: Asian and Pacific Islander	880	**23.8**	*0.81*	2.81	*0.12*	834	**19.4**	*0.69*	2.22	*0.10*
USA, New York State: Black	3181	**37.5**	*0.68*	4.37	*0.10*	3865	**29.0**	*0.49*	3.39	*0.07*
USA, New York State: White	20612	**35.0**	*0.26*	4.04	*0.04*	21197	**25.9**	*0.21*	2.92	*0.03*
USA, North Carolina	10855	**36.3**	*0.36*	4.34	*0.05*	10172	**25.8**	*0.28*	2.99	*0.04*
USA, North Carolina: American Indian	69	**24.2**	*2.97*	3.07	*0.45*	56	**15.6**	*2.12*	1.89	*0.33*
USA, North Carolina: Asian and Pacific Islander	33	**10.9**	*1.98*	1.39	*0.30*	50	**12.4**	*1.81*	1.50	*0.29*
USA, North Carolina: Black	2081	**44.3**	*0.99*	5.38	*0.15*	2275	**33.2**	*0.73*	3.97	*0.11*
USA, North Carolina: White	8604	**34.9**	*0.39*	4.15	*0.06*	7706	**24.1**	*0.30*	2.76	*0.04*
USA, North Dakota	1094	**41.6**	*1.36*	5.06	*0.21*	893	**26.4**	*1.04*	3.06	*0.15*
USA, Ohio	15733	**36.3**	*0.30*	4.26	*0.04*	15722	**26.9**	*0.24*	3.10	*0.04*
USA, Ohio: Asian and Pacific Islander	53	**13.1**	*1.83*	1.60	*0.27*	71	**13.9**	*1.69*	1.53	*0.24*
USA, Ohio: Black	1510	**42.2**	*1.12*	5.00	*0.16*	1609	**31.4**	*0.84*	3.62	*0.12*
USA, Ohio: White	13914	**35.4**	*0.32*	4.15	*0.05*	13709	**25.8**	*0.25*	2.98	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon and rectum (C18-20) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	4773	**36.4**	*0.55*	4.24	*0.08*	4580	**27.5**	*0.45*	3.16	*0.06*
USA, Oklahoma: American Indian	390	**50.1**	*2.58*	6.00	*0.38*	392	**40.9**	*2.15*	4.83	*0.31*
USA, Oklahoma: Black	277	**43.3**	*2.66*	5.17	*0.40*	292	**32.9**	*2.03*	3.84	*0.30*
USA, Oklahoma: White	4046	**34.9**	*0.58*	4.03	*0.08*	3827	**25.8**	*0.47*	2.96	*0.07*
USA, Oregon	4484	**31.5**	*0.49*	3.75	*0.07*	4266	**23.8**	*0.41*	2.77	*0.06*
USA, Oregon: Asian and Pacific Islander	67	**20.0**	*2.52*	2.25	*0.36*	87	**17.9**	*2.01*	1.88	*0.30*
USA, Oregon: Black	53	**29.9**	*4.25*	3.35	*0.62*	51	**29.6**	*4.33*	3.82	*0.66*
USA, Oregon: White	4202	**30.9**	*0.50*	3.68	*0.08*	3980	**23.2**	*0.42*	2.70	*0.06*
USA, Pennsylvania	19858	**38.6**	*0.29*	4.54	*0.04*	20318	**28.0**	*0.23*	3.21	*0.03*
USA, Pennsylvania: Asian and Pacific Islander	117	**18.1**	*1.70*	2.29	*0.27*	125	**15.8**	*1.44*	1.87	*0.22*
USA, Pennsylvania: Black	1470	**43.2**	*1.17*	5.02	*0.17*	1625	**32.2**	*0.86*	3.85	*0.12*
USA, Pennsylvania: White	18029	**37.9**	*0.30*	4.47	*0.04*	18352	**27.4**	*0.24*	3.13	*0.03*
USA, Rhode Island	1521	**36.3**	*1.00*	4.15	*0.15*	1605	**27.1**	*0.80*	3.04	*0.12*
USA, Rhode Island: Black	43	**29.7**	*4.72*	3.17	*0.65*	54	**31.3**	*4.44*	3.29	*0.56*
USA, Rhode Island: White	1451	**36.6**	*1.03*	4.22	*0.15*	1523	**27.0**	*0.82*	3.05	*0.12*
USA, South Carolina	5704	**37.8**	*0.51*	4.55	*0.07*	5331	**27.3**	*0.40*	3.16	*0.06*
USA, South Carolina: Black	1431	**45.2**	*1.22*	5.49	*0.18*	1511	**32.7**	*0.89*	3.79	*0.13*
USA, South Carolina: White	4204	**35.7**	*0.57*	4.29	*0.08*	3760	**25.4**	*0.45*	2.94	*0.06*
USA, South Dakota	1113	**35.2**	*1.13*	4.08	*0.16*	1066	**24.8**	*0.90*	2.86	*0.13*
USA, Tennessee	7814	**36.5**	*0.42*	4.31	*0.06*	7524	**27.1**	*0.34*	3.19	*0.05*
USA, Tennessee: Black	992	**42.9**	*1.40*	4.87	*0.20*	1170	**34.9**	*1.08*	4.11	*0.15*
USA, Tennessee: White	6746	**35.6**	*0.45*	4.24	*0.06*	6285	**26.0**	*0.36*	3.05	*0.05*
USA, Texas	24138	**35.1**	*0.23*	4.21	*0.03*	21111	**24.4**	*0.18*	2.82	*0.03*
USA, Texas: Asian and Pacific Islander	308	**17.5**	*1.03*	1.97	*0.15*	308	**14.4**	*0.84*	1.65	*0.13*
USA, Texas: Black	2856	**47.3**	*0.91*	5.61	*0.13*	2865	**34.1**	*0.67*	4.05	*0.10*
USA, Texas: White	20568	**34.0**	*0.24*	4.08	*0.04*	17574	**23.2**	*0.19*	2.68	*0.03*
USA, Utah	1900	**28.0**	*0.67*	3.38	*0.10*	1586	**19.5**	*0.53*	2.24	*0.08*
USA, Vermont	749	**30.8**	*1.17*	3.74	*0.18*	825	**25.8**	*1.00*	2.84	*0.14*
USA, Virginia	8752	**34.3**	*0.38*	4.07	*0.06*	8503	**25.5**	*0.30*	2.99	*0.04*
USA, Virginia: Asian and Pacific Islander	156	**18.6**	*1.52*	2.05	*0.21*	168	**15.4**	*1.21*	1.79	*0.18*
USA, Virginia: Black	1673	**43.9**	*1.10*	5.35	*0.16*	1775	**32.8**	*0.82*	3.98	*0.12*
USA, Virginia: White	6784	**32.7**	*0.41*	3.86	*0.06*	6449	**23.9**	*0.33*	2.79	*0.05*
USA, Washington State	6979	**30.9**	*0.38*	3.62	*0.06*	6483	**22.8**	*0.31*	2.57	*0.05*
USA, Washington, Seattle	4772	**31.2**	*0.47*	3.63	*0.07*	4491	**23.2**	*0.38*	2.61	*0.06*
USA, West Virginia	3228	**41.9**	*0.77*	4.96	*0.11*	2959	**29.8**	*0.62*	3.47	*0.09*
USA, Wisconsin	6993	**32.9**	*0.41*	3.82	*0.06*	6874	**24.3**	*0.34*	2.74	*0.05*
USA, Wisconsin: Black	262	**42.6**	*2.74*	5.08	*0.40*	290	**34.3**	*2.07*	3.94	*0.30*
USA, Wisconsin: White	6550	**32.1**	*0.42*	3.72	*0.06*	6423	**23.5**	*0.34*	2.66	*0.05*
USA, Wyoming	614	**31.6**	*1.32*	3.64	*0.19*	568	**26.3**	*1.20*	3.18	*0.18*
Asia										
Bahrain: Bahraini	103	**14.5**	*1.48*	1.80	*0.22*	86	**11.0**	*1.23*	1.21	*0.16*
China, Beijing City	5937	**19.4**	*0.27*	2.34	*0.04*	4899	**15.5**	*0.23*	1.88	*0.03*
*China, Cixian County	131	**11.1**	*1.05*	1.35	*0.14*	147	**10.8**	*0.92*	1.28	*0.13*
China, Haining County	322	**15.2**	*0.88*	1.79	*0.12*	270	**11.6**	*0.73*	1.43	*0.10*
*China, Harbin City, Nangang District	690	**23.2**	*0.91*	2.87	*0.13*	545	**17.2**	*0.75*	2.12	*0.11*
China, Hong Kong	10413	**40.0**	*0.41*	4.67	*0.06*	7929	**26.4**	*0.33*	3.05	*0.05*
China, Jiashan County	360	**23.3**	*1.27*	2.92	*0.18*	312	**20.0**	*1.19*	2.48	*0.17*
China, Jiaxing City	285	**24.9**	*1.52*	2.97	*0.21*	245	**20.5**	*1.37*	2.49	*0.19*
China, Macao	353	**27.8**	*1.56*	3.25	*0.24*	381	**24.5**	*1.38*	2.78	*0.21*
China, Qidong County	599	**13.5**	*0.57*	1.60	*0.08*	564	**11.1**	*0.49*	1.23	*0.07*
*China, Shanghai City	8067	**27.5**	*0.32*	3.27	*0.05*	7649	**23.1**	*0.29*	2.79	*0.04*
*China, Wuhan City	2949	**20.7**	*0.39*	2.52	*0.06*	2543	**17.3**	*0.35*	2.19	*0.05*
*China, Yangcheng County	102	**10.7**	*1.11*	1.26	*0.16*	93	**9.9**	*1.09*	1.19	*0.14*
*China, Yanting County	187	**11.2**	*0.84*	1.36	*0.12*	112	**6.3**	*0.60*	0.74	*0.08*
*China, Zhongshan City	656	**23.9**	*0.96*	2.93	*0.14*	496	**16.0**	*0.75*	1.87	*0.10*
*India, Bangalore	610	**8.1**	*0.34*	0.95	*0.05*	479	**6.6**	*0.31*	0.76	*0.04*
*India; Barshi, Paranda, and Bhum	29	**2.6**	*0.51*	0.27	*0.06*	12	**0.9**	*0.28*	0.12	*0.04*
*India, Bhopal	96	**4.2**	*0.45*	0.53	*0.07*	68	**3.2**	*0.39*	0.38	*0.06*
*India, Chennai	670	**6.5**	*0.26*	0.77	*0.04*	465	**4.6**	*0.21*	0.54	*0.03*
*India, Dindigul, Ambilikkai	96	**2.0**	*0.21*	0.22	*0.03*	65	**1.3**	*0.16*	0.13	*0.02*
*India, Karunagappally	60	**5.7**	*0.74*	0.65	*0.10*	61	**5.0**	*0.65*	0.67	*0.10*
*India, Mizoram	112	**7.3**	*0.71*	0.76	*0.10*	96	**6.4**	*0.67*	0.74	*0.09*
*India, Mumbai	1590	**6.3**	*0.16*	0.70	*0.02*	1053	**4.4**	*0.14*	0.49	*0.02*
*India, New Delhi	1284	**4.9**	*0.14*	0.56	*0.02*	806	**3.3**	*0.12*	0.39	*0.02*
*India, Poona	426	**5.7**	*0.29*	0.70	*0.04*	311	**4.1**	*0.24*	0.48	*0.03*
*India, Sikkim State	31	**3.2**	*0.59*	0.35	*0.08*	16	**2.1**	*0.55*	0.28	*0.08*
*India, Trivandrum	127	**8.0**	*0.71*	0.97	*0.11*	94	**5.0**	*0.53*	0.59	*0.07*
*Iran (Islamic Republic of), Golestan Province	218	**12.9**	*0.93*	1.47	*0.12*	169	**10.0**	*0.81*	1.17	*0.11*
Israel	8182	**41.3**	*0.48*	4.85	*0.07*	7730	**31.5**	*0.39*	3.65	*0.06*
*Israel: Jews	7702	**42.5**	*0.52*	5.00	*0.08*	7280	**32.2**	*0.42*	3.74	*0.06*
*Israel: Non–Jews	480	**28.0**	*1.31*	3.36	*0.20*	450	**23.6**	*1.13*	2.70	*0.16*
Japan, Aichi Prefecture	2326	**38.0**	*0.81*	4.63	*0.12*	1653	**23.9**	*0.64*	2.78	*0.09*
Japan, Fukui Prefecture	1857	**40.5**	*1.03*	4.90	*0.14*	1474	**24.8**	*0.79*	2.91	*0.11*
Japan, Hiroshima	3193	**61.2**	*1.13*	7.46	*0.16*	2363	**35.0**	*0.81*	4.13	*0.11*
Japan, Miyagi Prefecture	7385	**62.0**	*0.77*	7.71	*0.11*	5365	**35.3**	*0.56*	4.10	*0.08*
Japan, Nagasaki Prefecture	4077	**50.2**	*0.86*	6.16	*0.12*	3376	**29.4**	*0.63*	3.35	*0.08*
Japan, Niigata Prefecture	7338	**53.3**	*0.68*	6.52	*0.09*	5456	**29.9**	*0.50*	3.55	*0.07*
*Japan, Osaka Prefecture	15290	**33.9**	*0.29*	4.07	*0.04*	11779	**20.8**	*0.22*	2.38	*0.03*
Japan, Saga Prefecture	1745	**37.3**	*0.98*	4.52	*0.14*	1400	**20.0**	*0.67*	2.25	*0.09*
Republic of Korea	52600	**40.6**	*0.18*	5.06	*0.03*	37580	**22.7**	*0.12*	2.72	*0.02*
Republic of Korea, Busan	3674	**36.7**	*0.64*	4.47	*0.09*	2635	**20.7**	*0.41*	2.43	*0.06*
Republic of Korea, Daegu	2555	**41.4**	*0.86*	5.15	*0.12*	1871	**22.8**	*0.53*	2.69	*0.08*
Republic of Korea, Daejeon	1483	**45.7**	*1.22*	5.76	*0.18*	1026	**24.7**	*0.79*	2.98	*0.11*
Republic of Korea, Gwangju	1401	**44.1**	*1.21*	5.76	*0.19*	977	**23.2**	*0.76*	2.89	*0.11*
Republic of Korea, Incheon	2459	**41.0**	*0.86*	5.07	*0.13*	1750	**23.2**	*0.57*	2.77	*0.08*
Republic of Korea, Jejudo	421	**34.9**	*1.73*	4.42	*0.25*	302	**18.5**	*1.11*	2.22	*0.15*
Republic of Korea, Seoul	11499	**45.0**	*0.44*	5.59	*0.06*	7783	**24.6**	*0.28*	2.95	*0.04*
Republic of Korea, Ulsan	865	**38.2**	*1.40*	4.99	*0.22*	653	**24.1**	*0.98*	2.79	*0.14*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon and rectum (C18-20) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	435	**10.5**	*0.66*	1.39	*0.11*	311	**12.0**	*0.78*	1.59	*0.13*
*Kuwait: Kuwaitis	184	**16.2**	*1.23*	2.10	*0.18*	195	**13.7**	*1.02*	1.74	*0.16*
*Kuwait: Non−Kuwaitis	251	**8.3**	*0.92*	1.04	*0.14*	116	**11.2**	*1.34*	1.51	*0.23*
*Malaysia, Penang	549	**25.4**	*1.10*	3.03	*0.17*	490	**18.6**	*0.85*	2.22	*0.13*
*Malaysia, Penang: Chinese	406	**30.2**	*1.51*	3.61	*0.22*	371	**23.0**	*1.21*	2.70	*0.18*
*Malaysia, Penang: Indian	38	**19.0**	*3.28*	2.08	*0.47*	29	**11.7**	*2.25*	1.46	*0.35*
*Malaysia, Penang: Malay	101	**14.9**	*1.55*	1.81	*0.24*	89	**10.2**	*1.11*	1.33	*0.17*
*Philippines, Manila	2026	**27.4**	*0.66*	3.21	*0.10*	1929	**20.3**	*0.48*	2.37	*0.07*
*Philippines, Rizal	1941	**24.3**	*0.60*	2.86	*0.09*	1763	**17.9**	*0.45*	2.05	*0.07*
Qatar: Qatari	45	**20.2**	*3.20*	2.63	*0.44*	47	**16.7**	*2.56*	1.96	*0.34*
*Saudi Arabia, Riyadh: Saudi	567	**12.3**	*0.54*	1.51	*0.08*	474	**10.3**	*0.49*	1.13	*0.07*
Singapore	3831	**39.7**	*0.66*	4.69	*0.10*	3320	**28.5**	*0.51*	3.21	*0.08*
Singapore: Chinese	3399	**44.0**	*0.77*	5.16	*0.11*	3015	**31.0**	*0.58*	3.51	*0.09*
Singapore: Indian	126	**17.4**	*1.63*	2.18	*0.24*	72	**10.6**	*1.30*	1.29	*0.20*
Singapore: Malay	258	**25.3**	*1.66*	2.95	*0.24*	212	**19.3**	*1.38*	2.29	*0.19*
Thailand, Bangkok	2751	**21.1**	*0.41*	2.48	*0.06*	2411	**13.7**	*0.28*	1.56	*0.04*
Thailand, Chiang Mai	557	**12.5**	*0.55*	1.47	*0.08*	475	**9.7**	*0.47*	1.11	*0.06*
Thailand, Chonburi	420	**16.2**	*0.81*	1.87	*0.12*	335	**11.1**	*0.62*	1.35	*0.09*
*Thailand, Khon Kaen	416	**10.1**	*0.51*	1.21	*0.07*	359	**7.3**	*0.39*	0.83	*0.05*
Thailand, Lampang	366	**14.9**	*0.79*	1.77	*0.11*	286	**10.4**	*0.63*	1.22	*0.09*
*Thailand, Songkhla	334	**13.4**	*0.74*	1.63	*0.11*	254	**8.6**	*0.55*	0.98	*0.08*
*Turkey, Antalya	586	**16.0**	*0.67*	1.89	*0.09*	455	**12.0**	*0.57*	1.37	*0.08*
*Turkey, Edirne	161	**16.0**	*1.28*	1.95	*0.18*	133	**11.7**	*1.04*	1.40	*0.14*
*Turkey, Izmir	1990	**21.3**	*0.48*	2.62	*0.07*	1363	**12.7**	*0.35*	1.49	*0.05*
*Turkey, Trabzon	211	**19.1**	*1.34*	2.30	*0.18*	151	**10.8**	*0.91*	1.13	*0.12*
Europe										
Austria	13516	**38.6**	*0.34*	4.65	*0.05*	11026	**21.9**	*0.24*	2.46	*0.03*
Austria, Tyrol	1045	**38.0**	*1.21*	4.39	*0.17*	848	**22.6**	*0.87*	2.56	*0.12*
Austria, Vorarlberg	471	**34.8**	*1.64*	4.09	*0.24*	379	**20.9**	*1.19*	2.29	*0.16*
*Belarus	8716	**28.8**	*0.32*	3.65	*0.05*	9830	**19.4**	*0.22*	2.43	*0.03*
*Belgium	16643	**43.3**	*0.36*	5.11	*0.05*	14083	**28.1**	*0.28*	3.22	*0.04*
Bulgaria	11798	**34.3**	*0.33*	4.31	*0.05*	9425	**21.9**	*0.25*	2.69	*0.03*
Croatia	8099	**44.1**	*0.51*	5.39	*0.07*	6238	**24.3**	*0.34*	2.83	*0.05*
Cyprus	762	**26.9**	*1.01*	3.13	*0.15*	651	**20.0**	*0.83*	2.30	*0.12*
Czech Republic	22939	**57.0**	*0.39*	6.99	*0.06*	16020	**28.5**	*0.25*	3.34	*0.04*
Denmark	10189	**41.9**	*0.43*	5.08	*0.07*	9341	**30.5**	*0.35*	3.60	*0.05*
*Estonia	1621	**33.4**	*0.85*	4.17	*0.13*	1863	**21.6**	*0.56*	2.57	*0.08*
Finland	6167	**27.2**	*0.36*	3.21	*0.05*	5969	**19.5**	*0.29*	2.19	*0.04*
*France, Bas−Rhin	1756	**42.5**	*1.05*	5.04	*0.15*	1342	**23.6**	*0.74*	2.64	*0.10*
*France, Calvados	1024	**36.8**	*1.23*	4.34	*0.18*	789	**19.6**	*0.82*	2.21	*0.12*
*France, Doubs	804	**36.4**	*1.36*	4.42	*0.20*	617	**22.0**	*1.02*	2.52	*0.14*
*France, Haut−Rhin	1295	**43.1**	*1.25*	5.30	*0.18*	989	**25.0**	*0.90*	2.96	*0.13*
*France, Hérault	1756	**38.7**	*1.00*	4.61	*0.14*	1313	**21.6**	*0.71*	2.39	*0.10*
*France, Isère	1702	**36.3**	*0.92*	4.20	*0.13*	1351	**21.5**	*0.67*	2.38	*0.09*
*France, Loire−Atlantique	1892	**38.8**	*0.95*	4.58	*0.14*	1631	**23.5**	*0.68*	2.68	*0.10*
*France, Manche	860	**33.6**	*1.26*	3.89	*0.18*	662	**19.0**	*0.93*	2.06	*0.12*
*France, Somme	903	**38.8**	*1.38*	4.70	*0.20*	715	**22.8**	*1.00*	2.64	*0.14*
*France, Tarn	765	**34.2**	*1.40*	3.94	*0.20*	621	**22.2**	*1.12*	2.48	*0.15*
*France, Vendée	1132	**38.0**	*1.23*	4.57	*0.17*	851	**21.5**	*0.89*	2.44	*0.12*
Germany, Brandenburg	5463	**44.4**	*0.62*	5.48	*0.09*	4455	**25.7**	*0.43*	2.94	*0.06*
Germany, Bremen	1443	**43.2**	*1.19*	5.22	*0.17*	1481	**29.4**	*0.91*	3.24	*0.13*
Germany, Free State of Saxony	9520	**42.7**	*0.46*	5.18	*0.06*	8391	**24.9**	*0.32*	2.87	*0.04*
Germany, Hamburg	2674	**33.0**	*0.66*	3.80	*0.09*	2940	**24.3**	*0.53*	2.69	*0.07*
Germany, Mecklenburg−Western Pomerania	3359	**42.0**	*0.75*	5.13	*0.10*	2732	**24.0**	*0.52*	2.82	*0.07*
Germany, Munich	7925	**44.2**	*0.51*	5.33	*0.07*	6740	**27.3**	*0.38*	3.07	*0.05*
Germany, North Rhine−Westphalia	5490	**45.2**	*0.64*	5.53	*0.09*	5185	**30.1**	*0.49*	3.38	*0.07*
Germany, Saarland	2750	**51.4**	*1.03*	6.23	*0.15*	2270	**30.8**	*0.76*	3.52	*0.10*
Germany, Schleswig−Holstein	5971	**41.9**	*0.56*	5.00	*0.08*	5891	**29.9**	*0.45*	3.41	*0.06*
Iceland	367	**33.3**	*1.83*	3.93	*0.28*	294	**23.5**	*1.51*	2.77	*0.22*
Ireland	6061	**43.3**	*0.57*	5.23	*0.09*	4542	**27.3**	*0.44*	3.21	*0.06*
Italy, Biella	458	**43.4**	*2.21*	5.41	*0.31*	419	**28.4**	*1.73*	3.30	*0.23*
Italy, Brescia	1441	**37.3**	*1.02*	4.46	*0.15*	1277	**25.0**	*0.80*	2.96	*0.11*
Italy, Catania and Messina	1624	**34.3**	*0.92*	4.11	*0.13*	1333	**22.6**	*0.71*	2.70	*0.10*
Italy, Catanzaro	394	**34.5**	*1.88*	4.27	*0.28*	291	**21.9**	*1.47*	2.60	*0.20*
Italy, Como	1145	**42.9**	*1.32*	5.23	*0.19*	972	**27.1**	*1.00*	3.17	*0.14*
Italy, Ferrara	1269	**58.6**	*1.81*	7.00	*0.25*	956	**33.9**	*1.36*	3.84	*0.18*
Italy, Florence and Prato	1753	**42.8**	*1.13*	5.05	*0.16*	1498	**28.8**	*0.90*	3.22	*0.12*
Italy, Friuli−Venezia Giulia	3115	**45.9**	*0.88*	5.59	*0.13*	2486	**27.1**	*0.67*	3.14	*0.09*
Italy, Genoa	2011	**45.3**	*1.12*	5.60	*0.16*	1758	**27.8**	*0.83*	3.22	*0.11*
Italy, Latina	846	**35.1**	*1.27*	4.29	*0.19*	631	**22.4**	*0.99*	2.67	*0.14*
Italy, Lecco	720	**46.9**	*1.81*	5.65	*0.26*	548	**26.8**	*1.32*	3.08	*0.18*
Italy, Lombardy, South	1067	**46.8**	*1.51*	5.65	*0.22*	944	**30.4**	*1.19*	3.57	*0.16*
Italy, Mantua	618	**49.9**	*2.15*	5.99	*0.31*	488	**29.7**	*1.60*	3.55	*0.22*
Italy, Milan	2462	**43.1**	*0.94*	5.21	*0.13*	2178	**25.9**	*0.67*	3.03	*0.09*
Italy, Modena	1690	**48.9**	*1.29*	6.01	*0.18*	1335	**31.0**	*1.00*	3.77	*0.14*
Italy, Naples	618	**35.0**	*1.43*	4.30	*0.21*	514	**23.3**	*1.10*	2.70	*0.15*
Italy, Nuoro	447	**37.5**	*1.90*	4.59	*0.27*	295	**21.6**	*1.44*	2.51	*0.19*
Italy, Palermo	1488	**33.7**	*0.93*	4.20	*0.14*	1349	**24.0**	*0.74*	2.87	*0.10*
Italy, Parma	1106	**46.6**	*1.54*	5.71	*0.22*	850	**27.7**	*1.19*	3.28	*0.16*
Italy, Ragusa	494	**33.3**	*1.64*	3.87	*0.23*	405	**23.7**	*1.35*	2.75	*0.18*
Italy, Reggio Emilia	1105	**44.7**	*1.45*	5.54	*0.21*	873	**27.9**	*1.13*	3.30	*0.15*
Italy, Romagna	3240	**50.8**	*0.98*	6.09	*0.14*	2495	**31.6**	*0.77*	3.69	*0.10*
Italy, Salerno	1604	**32.6**	*0.88*	3.96	*0.12*	1248	**20.0**	*0.66*	2.32	*0.09*
Italy, Sassari	758	**35.4**	*1.35*	4.34	*0.19*	604	**23.3**	*1.04*	2.79	*0.15*
Italy, Sondrio	348	**42.2**	*2.35*	4.90	*0.32*	297	**28.9**	*1.93*	3.43	*0.26*
Italy, South Tyrol	753	**44.7**	*1.71*	5.28	*0.25*	582	**25.7**	*1.23*	2.99	*0.17*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon and rectum (C18-20) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	585	**32.2**	*1.42*	3.88	*0.20*	512	**23.2**	*1.15*	2.76	*0.16*
Italy, Trapani	473	**28.2**	*1.41*	3.48	*0.20*	446	**22.4**	*1.22*	2.71	*0.17*
Italy, Trento	746	**39.6**	*1.54*	5.02	*0.23*	557	**22.1**	*1.09*	2.76	*0.16*
Italy, Turin	2204	**41.8**	*0.96*	4.94	*0.14*	1904	**26.9**	*0.74*	3.11	*0.10*
Italy, Umbria	2358	**46.9**	*1.07*	5.81	*0.16*	1889	**30.2**	*0.84*	3.64	*0.12*
Italy, Varese	1894	**46.6**	*1.12*	5.73	*0.16*	1526	**28.1**	*0.83*	3.37	*0.11*
Italy, Veneto	4065	**44.9**	*0.74*	5.40	*0.11*	3294	**28.1**	*0.57*	3.27	*0.08*
Latvia	1914	**29.6**	*0.69*	3.64	*0.10*	2257	**19.8**	*0.46*	2.37	*0.06*
Lithuania	3637	**31.1**	*0.53*	3.86	*0.08*	3719	**19.1**	*0.35*	2.27	*0.05*
Malta	517	**32.0**	*1.44*	3.71	*0.21*	400	**20.9**	*1.11*	2.47	*0.15*
*The Netherlands	28956	**43.0**	*0.26*	5.19	*0.04*	25829	**30.4**	*0.21*	3.61	*0.03*
*The Netherlands, Eindhoven	1990	**46.5**	*1.07*	5.55	*0.15*	1733	**33.4**	*0.87*	4.03	*0.13*
Norway	8543	**42.4**	*0.49*	5.03	*0.07*	8620	**34.1**	*0.43*	4.04	*0.06*
Poland, Cracow	791	**35.4**	*1.30*	4.48	*0.20*	647	**19.6**	*0.84*	2.36	*0.12*
Poland, Kielce	1402	**29.7**	*0.83*	3.75	*0.12*	1187	**17.6**	*0.57*	2.11	*0.08*
Poland, Lower Silesia	3325	**33.6**	*0.61*	4.16	*0.09*	2780	**18.9**	*0.39*	2.33	*0.06*
Poland, Podkarpackie	2018	**29.5**	*0.68*	3.56	*0.10*	1575	**16.3**	*0.45*	1.94	*0.06*
Portugal, Azores	236	**29.3**	*1.98*	3.51	*0.28*	195	**19.4**	*1.52*	2.31	*0.21*
Russian Federation, Saint Petersburg	5455	**36.2**	*0.51*	4.54	*0.08*	7885	**26.9**	*0.34*	3.24	*0.05*
*Serbia, Central	7543	**31.5**	*0.38*	4.01	*0.05*	5398	**19.1**	*0.29*	2.32	*0.04*
Slovakia	9558	**56.5**	*0.59*	7.07	*0.09*	6900	**27.8**	*0.36*	3.33	*0.05*
Slovenia	3645	**45.9**	*0.77*	5.68	*0.11*	2821	**25.1**	*0.52*	3.00	*0.07*
Spain, Albacete	615	**33.6**	*1.52*	3.96	*0.21*	403	**17.5**	*1.05*	1.90	*0.14*
Spain, Asturias	2731	**45.7**	*0.97*	5.56	*0.14*	1774	**23.2**	*0.68*	2.67	*0.09*
Spain, Basque Country	5191	**50.1**	*0.74*	6.10	*0.11*	3075	**22.6**	*0.47*	2.61	*0.07*
Spain, Canary Islands	1631	**34.9**	*0.89*	4.18	*0.13*	1219	**21.5**	*0.66*	2.48	*0.09*
Spain, Ciudad Real	721	**37.3**	*1.58*	4.33	*0.22*	541	**22.0**	*1.15*	2.55	*0.16*
Spain, Cuenca	406	**32.7**	*1.94*	3.95	*0.27*	254	**16.7**	*1.39*	1.84	*0.18*
Spain, Girona	1411	**48.3**	*1.39*	5.90	*0.20*	906	**25.4**	*0.99*	2.85	*0.13*
*Spain, Granada	1264	**35.6**	*1.08*	4.48	*0.16*	930	**21.4**	*0.80*	2.52	*0.11*
Spain, La Rioja	631	**40.6**	*1.79*	4.85	*0.26*	428	**24.1**	*1.40*	2.85	*0.19*
Spain, Mallorca	1323	**42.0**	*1.22*	5.18	*0.18*	921	**23.8**	*0.89*	2.81	*0.13*
Spain, Murcia	2173	**42.9**	*0.98*	5.21	*0.14*	1660	**27.4**	*0.75*	3.21	*0.10*
Spain, Navarra	1251	**43.9**	*1.35*	5.37	*0.20*	828	**24.0**	*0.99*	2.70	*0.13*
Spain, Tarragona	1601	**50.2**	*1.35*	5.94	*0.19*	1022	**27.6**	*0.99*	3.23	*0.14*
*Sweden	14204	**30.8**	*0.28*	3.70	*0.04*	13176	**23.8**	*0.24*	2.86	*0.04*
Switzerland, Basel	723	**33.5**	*1.33*	4.02	*0.19*	612	**21.2**	*1.00*	2.42	*0.14*
Switzerland, Geneva	598	**33.8**	*1.44*	4.03	*0.21*	542	**21.3**	*1.04*	2.31	*0.15*
Switzerland, Graubünden and Glarus	374	**36.3**	*1.96*	4.47	*0.30*	275	**19.3**	*1.35*	2.20	*0.20*
Switzerland, Neuchâtel	286	**37.4**	*2.35*	4.48	*0.35*	252	**24.0**	*1.77*	2.89	*0.26*
Switzerland, St Gall–Appenzell	790	**35.3**	*1.31*	4.38	*0.20*	603	**20.7**	*0.96*	2.34	*0.13*
Switzerland, Ticino	614	**38.6**	*1.63*	4.61	*0.24*	491	**22.6**	*1.19*	2.60	*0.17*
Switzerland, Valais	445	**34.9**	*1.72*	4.23	*0.25*	300	**18.3**	*1.19*	2.07	*0.17*
Switzerland, Vaud	962	**34.9**	*1.18*	4.16	*0.18*	826	**21.6**	*0.86*	2.44	*0.12*
Switzerland, Zurich	1772	**31.3**	*0.78*	3.68	*0.12*	1552	**21.1**	*0.61*	2.46	*0.09*
Ukraine	45899	**28.8**	*0.14*	3.69	*0.02*	48137	**19.2**	*0.09*	2.43	*0.01*
UK, England	81019	**35.4**	*0.13*	4.20	*0.02*	67065	**22.7**	*0.10*	2.61	*0.01*
UK, England, East of England Region	9078	**33.8**	*0.38*	4.04	*0.06*	7758	**22.7**	*0.30*	2.62	*0.04*
UK, England, North Western	11146	**38.1**	*0.38*	4.54	*0.06*	8754	**22.9**	*0.28*	2.63	*0.04*
UK, England, Northern and Yorkshire	11900	**38.5**	*0.37*	4.57	*0.05*	9297	**23.0**	*0.27*	2.68	*0.04*
UK, England, Oxford Region	4043	**34.9**	*0.57*	4.16	*0.09*	3368	**23.2**	*0.45*	2.67	*0.07*
UK, England, South and Western Regions	12445	**34.8**	*0.34*	4.11	*0.05*	10982	**23.9**	*0.27*	2.75	*0.04*
UK, England, Thames	14701	**31.3**	*0.27*	3.70	*0.04*	13412	**21.7**	*0.22*	2.49	*0.03*
UK, England, Trent	5200	**36.5**	*0.54*	4.39	*0.08*	3905	**22.3**	*0.41*	2.56	*0.06*
UK, England, West Midlands	9329	**37.8**	*0.41*	4.53	*0.06*	7125	**22.7**	*0.31*	2.59	*0.04*
UK, Northern Ireland	2799	**42.5**	*0.83*	5.19	*0.12*	2251	**26.1**	*0.61*	3.12	*0.09*
UK, Scotland	9368	**40.9**	*0.44*	4.81	*0.06*	7913	**25.8**	*0.33*	2.94	*0.05*
UK, Wales	5783	**39.3**	*0.55*	4.65	*0.08*	4486	**24.1**	*0.42*	2.77	*0.06*
Oceania										
Australian Capital Territory	447	**43.7**	*2.12*	5.34	*0.32*	378	**31.7**	*1.73*	3.76	*0.26*
Australia, New South Wales	12252	**45.8**	*0.43*	5.65	*0.07*	10185	**32.0**	*0.35*	3.79	*0.05*
Australia, Northern Territory	190	**41.7**	*3.22*	5.17	*0.50*	107	**25.9**	*2.64*	2.89	*0.39*
Australia, Northern Territory: Indigenous	24	**31.0**	*7.01*	3.97	*1.07*	11	**9.9**	*3.11*	1.00	*0.37*
Australia, Northern Territory: Non–Indigenous	165	**43.2**	*3.60*	5.32	*0.56*	96	**30.9**	*3.36*	3.57	*0.53*
Australia, Queensland	7183	**47.9**	*0.58*	5.96	*0.09*	5759	**33.8**	*0.48*	4.03	*0.07*
South Australia	3179	**47.4**	*0.89*	5.76	*0.13*	2662	**32.4**	*0.71*	3.91	*0.11*
Australia, Tasmania	968	**47.1**	*1.59*	5.44	*0.23*	854	**34.2**	*1.29*	3.96	*0.19*
Australia, Victoria	9301	**46.4**	*0.50*	5.63	*0.08*	7747	**32.0**	*0.40*	3.75	*0.06*
Western Australia	3084	**41.4**	*0.77*	5.01	*0.12*	2485	**29.1**	*0.63*	3.38	*0.09*
New Zealand	6942	**45.7**	*0.57*	5.63	*0.09*	6613	**36.0**	*0.48*	4.35	*0.07*
New Zealand: Maori	320	**34.2**	*1.96*	4.70	*0.32*	275	**25.0**	*1.55*	2.96	*0.22*
New Zealand: Pacific Islander	96	**24.3**	*2.67*	2.54	*0.34*	85	**17.2**	*1.91*	1.84	*0.26*
New Zealand: Other	6526	**47.0**	*0.61*	5.79	*0.09*	6253	**37.3**	*0.52*	4.54	*0.08*
USA, Hawaii	1896	**39.3**	*0.96*	4.68	*0.14*	1511	**25.3**	*0.73*	2.92	*0.10*
*USA, Hawaii: Chinese	105	**37.0**	*3.98*	4.65	*0.58*	112	**27.2**	*3.12*	3.01	*0.43*
*USA, Hawaii: Filipino	274	**46.5**	*3.04*	5.83	*0.45*	189	**26.4**	*2.04*	3.35	*0.30*
*USA, Hawaii: Hawaiian	237	**39.4**	*2.65*	5.33	*0.42*	164	**21.2**	*1.74*	2.64	*0.25*
*USA, Hawaii: Japanese	656	**49.6**	*2.15*	5.60	*0.29*	582	**29.8**	*1.54*	3.34	*0.21*
*USA, Hawaii: White	511	**37.4**	*1.73*	4.47	*0.26*	348	**24.6**	*1.48*	2.95	*0.23*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Large bowel (C18-21)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	217	**8.4**	*0.61*	–	-	228	**8.7**	*0.60*	–	-
Egypt, Gharbiah	494	**6.1**	*0.29*	0.66	*0.04*	451	**5.9**	*0.29*	0.64	*0.04*
*Libya, Benghazi	180	**14.0**	*1.09*	1.77	*0.18*	177	**12.4**	*0.99*	1.47	*0.15*
*Malawi, Blantyre	36	**3.3**	*0.64*	0.41	*0.09*	40	**3.4**	*0.64*	0.37	*0.09*
*South Africa, PROMEC	34	**2.4**	*0.42*	0.26	*0.05*	29	**1.2**	*0.23*	0.13	*0.03*
*Tunisia, North	745	**10.8**	*0.41*	1.31	*0.06*	662	**9.4**	*0.37*	1.07	*0.05*
*Uganda, Kyadondo County	102	**8.2**	*0.97*	1.03	*0.16*	123	**9.9**	*0.98*	1.15	*0.14*
*Zimbabwe, Harare: African	134	**13.3**	*1.31*	1.57	*0.19*	93	**11.4**	*1.34*	1.49	*0.22*
America, Central and South										
Argentina, Bahía Blanca	315	**34.6**	*2.06*	4.18	*0.29*	273	**19.8**	*1.40*	2.33	*0.20*
Argentina, Córdoba	735	**26.8**	*1.01*	3.18	*0.15*	671	**17.0**	*0.71*	1.92	*0.10*
Argentina, Mendoza	1141	**25.3**	*0.77*	3.09	*0.11*	1038	**18.4**	*0.61*	2.11	*0.08*
*Argentina, Tierra del Fuego	51	**27.4**	*4.18*	3.47	*0.62*	30	**15.5**	*3.05*	1.73	*0.42*
Brazil, Aracaju	93	**16.1**	*1.73*	1.93	*0.26*	139	**15.2**	*1.34*	1.66	*0.19*
Brazil, Belo Horizonte	594	**23.0**	*0.96*	2.77	*0.14*	808	**20.7**	*0.75*	2.27	*0.10*
Brazil, Cuiabá	165	**17.9**	*1.48*	2.20	*0.22*	161	**15.7**	*1.29*	1.83	*0.19*
Brazil, Fortaleza	363	**12.4**	*0.67*	1.45	*0.10*	464	**10.9**	*0.52*	1.19	*0.07*
Brazil, Goiânia	648	**31.5**	*1.27*	3.71	*0.19*	727	**27.6**	*1.05*	3.19	*0.15*
*Brazil, São Paulo	7903	**36.5**	*0.44*	4.22	*0.06*	8658	**27.9**	*0.33*	3.07	*0.05*
Chile, Region of Antofagasta	156	**14.1**	*1.16*	1.48	*0.16*	168	**12.9**	*1.02*	1.51	*0.15*
Chile, Bío Bío Province	125	**12.4**	*1.12*	1.42	*0.16*	135	**12.1**	*1.07*	1.31	*0.15*
Chile, Valdivia	158	**15.4**	*1.24*	1.79	*0.18*	172	**14.4**	*1.14*	1.59	*0.16*
Colombia, Bucaramanga	284	**13.5**	*0.82*	1.58	*0.12*	371	**13.5**	*0.72*	1.64	*0.10*
Colombia, Cali	716	**16.7**	*0.65*	1.96	*0.10*	924	**16.1**	*0.55*	1.88	*0.08*
Colombia, Manizales	143	**15.5**	*1.31*	1.86	*0.20*	171	**14.3**	*1.11*	1.79	*0.17*
Colombia, Pasto	58	**7.6**	*1.02*	0.94	*0.15*	83	**8.3**	*0.94*	0.93	*0.13*
Costa Rica	1363	**15.1**	*0.42*	1.70	*0.06*	1408	**14.1**	*0.39*	1.55	*0.06*
Cuba, Villa Clara	432	**15.8**	*0.82*	1.77	*0.12*	476	**16.1**	*0.80*	1.76	*0.11*
Ecuador, Cuenca	46	**5.2**	*0.81*	0.64	*0.13*	87	**7.4**	*0.83*	0.82	*0.12*
Ecuador, Quito	340	**11.4**	*0.64*	1.27	*0.09*	422	**11.3**	*0.58*	1.24	*0.08*
*France, Martinique	288	**19.9**	*1.23*	2.29	*0.17*	341	**17.7**	*1.06*	1.87	*0.14*
*Jamaica, Kingston and St Andrew	236	**17.1**	*1.14*	2.15	*0.18*	232	**12.9**	*0.91*	1.52	*0.13*
USA, Puerto Rico	4510	**33.0**	*0.51*	4.03	*0.07*	3935	**23.0**	*0.39*	2.69	*0.05*
Uruguay	2428	**35.2**	*0.75*	4.12	*0.11*	2462	**25.4**	*0.58*	2.85	*0.08*
America, North										
Canada	53910	**42.7**	*0.19*	5.18	*0.03*	46049	**29.0**	*0.15*	3.36	*0.02*
Canada, Alberta	4379	**39.1**	*0.61*	4.65	*0.09*	3563	**27.0**	*0.49*	3.16	*0.07*
Canada, British Columbia	6724	**37.5**	*0.48*	4.52	*0.07*	5602	**26.2**	*0.39*	3.02	*0.06*
Canada, Manitoba	2086	**44.8**	*1.03*	5.31	*0.15*	1807	**30.1**	*0.81*	3.40	*0.12*
Canada, New Brunswick	1370	**43.3**	*1.21*	5.13	*0.18*	1131	**27.6**	*0.92*	3.12	*0.13*
Canada, Newfoundland and Labrador	1268	**59.2**	*1.71*	7.14	*0.25*	977	**39.8**	*1.35*	4.78	*0.20*
*Canada, Northwest Territories	63	**70.8**	*9.43*	8.40	*1.45*	40	**43.6**	*7.33*	5.45	*1.21*
Canada, Nova Scotia	2048	**51.2**	*1.17*	6.09	*0.17*	1786	**34.9**	*0.92*	3.98	*0.13*
Canada, Ontario	19885	**41.9**	*0.31*	5.16	*0.05*	17220	**28.8**	*0.24*	3.36	*0.04*
Canada, Prince Edward Island	267	**45.5**	*2.89*	5.50	*0.43*	250	**34.3**	*2.43*	3.97	*0.35*
*Canada, Quebec	13929	**45.1**	*0.39*	5.42	*0.06*	12124	**30.0**	*0.30*	3.44	*0.04*
Canada, Saskatchewan	1844	**44.6**	*1.12*	5.61	*0.17*	1519	**29.2**	*0.87*	3.39	*0.13*
*Canada, Yukon	47	**49.3**	*7.40*	7.98	*1.38*	30	**30.6**	*5.82*	3.54	*0.87*
USA, NPCR (42 states)	337708	**35.9**	*0.06*	4.24	*0.01*	330009	**26.9**	*0.05*	3.09	*0.01*
USA, NPCR (42 states): American Indian	1610	**24.9**	*0.63*	3.01	*0.10*	1556	**20.2**	*0.53*	2.41	*0.08*
USA, NPCR (42 states): Asian and Pacific Islander	7455	**23.7**	*0.28*	2.77	*0.04*	7573	**18.9**	*0.22*	2.17	*0.03*
USA, NPCR (42 states): Black	36230	**43.9**	*0.24*	5.22	*0.03*	39342	**33.3**	*0.18*	3.92	*0.03*
USA, NPCR (42 states): White	288160	**35.0**	*0.07*	4.13	*0.01*	277724	**26.0**	*0.06*	2.97	*0.01*
USA, SEER (9 registries)	33462	**34.5**	*0.20*	4.06	*0.03*	33204	**26.3**	*0.16*	3.01	*0.02*
*USA, SEER (9 registries): Black	3344	**43.0**	*0.77*	5.06	*0.11*	3736	**34.2**	*0.59*	4.05	*0.09*
*USA, SEER (9 registries): White	26893	**33.8**	*0.22*	3.97	*0.03*	26447	**25.6**	*0.18*	2.92	*0.03*
USA, SEER (18 registries)	97584	**35.3**	*0.12*	4.18	*0.02*	95199	**26.5**	*0.09*	3.02	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	6452	**29.1**	*0.37*	3.46	*0.06*	6168	**21.7**	*0.29*	2.49	*0.04*
*USA, SEER (18 registries): Black	10223	**44.8**	*0.45*	5.37	*0.07*	11099	**34.4**	*0.34*	4.06	*0.05*
*USA, SEER (18 registries): Hispanic White	8328	**29.9**	*0.34*	3.64	*0.05*	7387	**21.6**	*0.26*	2.47	*0.04*
*USA, SEER (18 registries): Non–Hispanic White	71334	**35.4**	*0.14*	4.17	*0.02*	69381	**26.4**	*0.11*	3.00	*0.02*
*USA, SEER (18 registries): White	79662	**34.7**	*0.13*	4.09	*0.02*	76768	**25.8**	*0.10*	2.93	*0.02*
USA, Alabama	6504	**40.0**	*0.51*	4.82	*0.07*	5966	**27.8**	*0.39*	3.22	*0.05*
USA, Alabama: Black	1418	**47.5**	*1.30*	5.77	*0.19*	1501	**33.7**	*0.93*	4.00	*0.13*
USA, Alabama: White	5019	**38.3**	*0.56*	4.61	*0.08*	4415	**26.3**	*0.44*	3.01	*0.06*
USA, Alaska	657	**36.5**	*1.47*	4.39	*0.23*	561	**29.6**	*1.30*	3.44	*0.20*
*USA, Alaska: American Indian	165	**67.9**	*5.40*	8.35	*0.82*	172	**61.0**	*4.78*	7.47	*0.72*
USA, Arizona	6409	**28.9**	*0.38*	3.49	*0.06*	5778	**21.5**	*0.31*	2.47	*0.04*
USA, Arizona: American Indian	120	**18.4**	*1.72*	1.89	*0.22*	114	**14.5**	*1.39*	1.63	*0.19*
USA, Arizona: Asian and Pacific Islander	71	**20.2**	*2.46*	2.19	*0.36*	65	**13.0**	*1.64*	1.43	*0.23*
USA, Arizona: Black	160	**30.6**	*2.49*	3.82	*0.38*	147	**25.3**	*2.15*	2.95	*0.31*
USA, Arizona: White	5989	**28.9**	*0.40*	3.50	*0.06*	5402	**21.5**	*0.33*	2.48	*0.05*
USA, Arkansas	3946	**37.9**	*0.63*	4.53	*0.09*	3746	**27.7**	*0.50*	3.18	*0.07*
USA, Arkansas: Black	485	**47.8**	*2.25*	5.92	*0.34*	536	**35.2**	*1.65*	3.93	*0.23*
USA, Arkansas: White	3432	**36.9**	*0.66*	4.41	*0.09*	3173	**26.7**	*0.53*	3.07	*0.07*
USA, California	37836	**32.7**	*0.18*	3.87	*0.03*	36546	**24.7**	*0.14*	2.81	*0.02*
USA, California: American Indian	131	**11.7**	*1.06*	1.46	*0.16*	134	**9.7**	*0.87*	1.10	*0.14*
USA, California: Asian and Pacific Islander	3966	**27.6**	*0.45*	3.27	*0.07*	3997	**21.6**	*0.36*	2.46	*0.05*
USA, California: Black	2637	**41.5**	*0.83*	5.01	*0.12*	2805	**32.7**	*0.65*	3.85	*0.10*
USA, California: White	30508	**32.4**	*0.19*	3.82	*0.03*	29161	**24.3**	*0.16*	2.76	*0.02*
USA, California, Los Angeles County	9853	**33.7**	*0.35*	4.01	*0.05*	9797	**25.3**	*0.28*	2.88	*0.04*
*USA, California, Los Angeles County: Asian and Pacific Islander	1491	**32.6**	*0.87*	3.79	*0.13*	1398	**23.8**	*0.67*	2.70	*0.10*
*USA, California, Los Angeles County: Black	1197	**45.2**	*1.33*	5.47	*0.19*	1351	**34.4**	*0.99*	4.00	*0.14*
*USA, California, Los Angeles County: Chinese	424	**31.0**	*1.59*	3.73	*0.23*	415	**24.7**	*1.30*	2.62	*0.18*
*USA, California, Los Angeles County: Filipino	295	**32.6**	*1.97*	3.57	*0.27*	297	**22.6**	*1.36*	2.59	*0.20*
*USA, California, Los Angeles County: Hispanic White	2060	**27.0**	*0.62*	3.24	*0.10*	2015	**20.2**	*0.47*	2.30	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Large bowel (C18-21) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	288	**47.7**	*3.35*	5.42	*0.45*	261	**32.9**	*2.49*	3.70	*0.33*
*USA, California, Los Angeles County: Korean	245	**39.3**	*2.55*	4.78	*0.39*	210	**25.6**	*1.83*	2.90	*0.25*
*USA, California, Los Angeles County: Non−Hispanic White	4983	**35.1**	*0.53*	4.18	*0.08*	4959	**26.7**	*0.45*	3.05	*0.06*
*USA, California, Los Angeles County: White	7043	**32.2**	*0.40*	3.84	*0.06*	6974	**24.2**	*0.32*	2.75	*0.05*
USA, California, San Francisco Bay Area	4998	**32.9**	*0.49*	3.91	*0.07*	4993	**25.1**	*0.40*	2.84	*0.06*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	928	**28.8**	*0.99*	3.57	*0.15*	969	**23.0**	*0.80*	2.61	*0.11*
*USA, California, San Francisco Bay Area: Black	491	**40.3**	*1.87*	4.80	*0.28*	552	**32.0**	*1.47*	3.85	*0.22*
*USA, California, San Francisco Bay Area: Hispanic White	451	**32.1**	*1.59*	4.10	*0.25*	442	**22.8**	*1.16*	2.41	*0.16*
*USA, California, San Francisco Bay Area: Non−Hispanic White	3034	**32.8**	*0.63*	3.79	*0.10*	2965	**24.8**	*0.53*	2.80	*0.08*
*USA, California, San Francisco Bay Area: White	3485	**32.6**	*0.58*	3.82	*0.09*	3407	**24.5**	*0.48*	2.74	*0.07*
USA, Colorado	4662	**30.9**	*0.47*	3.62	*0.07*	4547	**24.2**	*0.39*	2.72	*0.06*
USA, Colorado: Asian and Pacific Islander	59	**22.7**	*3.03*	2.83	*0.49*	69	**16.7**	*2.08*	1.89	*0.30*
USA, Colorado: Black	165	**35.3**	*2.85*	4.36	*0.42*	144	**27.2**	*2.35*	3.21	*0.34*
USA, Colorado: White	4373	**30.8**	*0.48*	3.59	*0.07*	4263	**24.0**	*0.40*	2.69	*0.06*
USA, Connecticut	4924	**36.6**	*0.55*	4.20	*0.08*	5096	**27.4**	*0.44*	3.10	*0.06*
*USA, Connecticut: Black	319	**39.4**	*2.25*	4.90	*0.35*	388	**33.7**	*1.77*	3.98	*0.26*
*USA, Connecticut: White	4514	**36.4**	*0.58*	4.16	*0.08*	4625	**26.9**	*0.46*	3.02	*0.07*
USA, Delaware	1229	**39.2**	*1.16*	4.56	*0.16*	1151	**28.0**	*0.91*	3.18	*0.13*
USA, Delaware: Black	192	**46.6**	*3.43*	5.42	*0.49*	176	**31.7**	*2.49*	3.82	*0.36*
USA, Delaware: White	1005	**37.8**	*1.25*	4.40	*0.18*	951	**27.3**	*0.99*	3.08	*0.14*
USA, Florida	26834	**34.4**	*0.23*	4.12	*0.03*	25572	**26.3**	*0.19*	3.04	*0.03*
USA, Florida: Asian and Pacific Islander	170	**15.7**	*1.22*	1.86	*0.18*	157	**11.3**	*0.92*	1.43	*0.14*
USA, Florida: Black	2412	**37.4**	*0.78*	4.47	*0.11*	2603	**29.9**	*0.61*	3.48	*0.09*
USA, Florida: White	23898	**34.0**	*0.24*	4.07	*0.03*	22461	**25.7**	*0.20*	2.97	*0.03*
USA, Georgia	10020	**37.6**	*0.38*	4.51	*0.06*	9509	**27.4**	*0.30*	3.20	*0.04*
USA, Georgia: Asian and Pacific Islander	95	**17.8**	*1.90*	2.17	*0.28*	101	**15.8**	*1.62*	2.07	*0.26*
USA, Georgia: Black	2552	**46.1**	*0.94*	5.65	*0.14*	2821	**34.5**	*0.68*	4.11	*0.10*
USA, Georgia: White	7320	**35.7**	*0.43*	4.26	*0.06*	6550	**25.1**	*0.33*	2.91	*0.05*
USA, Georgia, Atlanta	2702	**32.3**	*0.64*	3.85	*0.10*	2791	**26.0**	*0.52*	3.08	*0.08*
*USA, Georgia, Atlanta: Black	919	**41.0**	*1.44*	4.84	*0.22*	1118	**34.3**	*1.08*	4.06	*0.16*
*USA, Georgia, Atlanta: White	1693	**29.6**	*0.74*	3.55	*0.11*	1593	**22.3**	*0.60*	2.63	*0.09*
USA, Idaho	1521	**29.6**	*0.79*	3.53	*0.12*	1461	**24.6**	*0.70*	2.86	*0.10*
USA, Illinois	17733	**40.6**	*0.32*	4.79	*0.05*	17563	**29.6**	*0.25*	3.39	*0.04*
USA, Illinois: Asian and Pacific Islander	293	**21.5**	*1.27*	2.49	*0.19*	279	**17.1**	*1.05*	2.11	*0.16*
USA, Illinois: Black	2450	**52.3**	*1.08*	6.26	*0.16*	2622	**38.0**	*0.77*	4.54	*0.11*
USA, Illinois: White	14732	**39.1**	*0.34*	4.59	*0.05*	14471	**28.2**	*0.27*	3.21	*0.04*
USA, Indiana	8454	**37.9**	*0.43*	4.49	*0.06*	8574	**29.2**	*0.35*	3.39	*0.05*
USA, Indiana: Black	586	**43.8**	*1.86*	4.93	*0.26*	686	**36.9**	*1.49*	4.29	*0.22*
USA, Indiana: White	7723	**37.2**	*0.44*	4.42	*0.07*	7762	**28.4**	*0.36*	3.29	*0.05*
USA, Iowa	4574	**38.0**	*0.60*	4.50	*0.09*	4846	**29.4**	*0.50*	3.40	*0.07*
USA, Kentucky	6421	**43.0**	*0.55*	5.14	*0.08*	6236	**32.0**	*0.44*	3.71	*0.06*
USA, Louisiana	5075	**43.1**	*0.62*	5.18	*0.09*	4651	**30.5**	*0.49*	3.58	*0.07*
*USA, Louisiana: Black	1378	**50.9**	*1.41*	6.14	*0.21*	1430	**37.2**	*1.03*	4.35	*0.15*
*USA, Louisiana: White	3662	**41.1**	*0.71*	4.93	*0.10*	3190	**28.3**	*0.55*	3.33	*0.08*
*USA, Louisiana, New Orleans	963	**41.3**	*1.39*	5.04	*0.21*	889	**28.2**	*1.04*	3.30	*0.15*
*USA, Louisiana, New Orleans: Black	333	**49.0**	*2.76*	5.76	*0.40*	328	**33.8**	*1.93*	4.02	*0.28*
*USA, Louisiana, New Orleans: White	613	**38.7**	*1.66*	4.74	*0.25*	550	**25.5**	*1.25*	2.96	*0.18*
USA, Maine	2141	**38.8**	*0.88*	4.55	*0.13*	2143	**29.1**	*0.71*	3.29	*0.10*
USA, Massachusetts	9105	**37.6**	*0.41*	4.38	*0.06*	9261	**27.2**	*0.32*	3.07	*0.05*
USA, Massachusetts: Asian and Pacific Islander	163	**24.5**	*1.97*	2.90	*0.30*	168	**21.5**	*1.73*	2.42	*0.25*
USA, Massachusetts: Black	343	**34.8**	*1.93*	4.15	*0.29*	351	**25.6**	*1.42*	2.74	*0.20*
USA, Massachusetts: White	8482	**37.6**	*0.43*	4.38	*0.06*	8659	**27.1**	*0.34*	3.07	*0.05*
USA, Michigan	12979	**35.1**	*0.32*	4.09	*0.05*	13099	**27.2**	*0.26*	3.11	*0.04*
USA, Michigan: Asian and Pacific Islander	98	**20.5**	*2.11*	2.46	*0.33*	70	**12.4**	*1.52*	1.57	*0.24*
USA, Michigan: Black	1741	**47.6**	*1.18*	5.53	*0.17*	1797	**35.0**	*0.87*	4.17	*0.13*
USA, Michigan: White	10922	**33.4**	*0.33*	3.90	*0.05*	11033	**25.9**	*0.28*	2.93	*0.04*
USA, Michigan, Detroit	5301	**37.3**	*0.54*	4.35	*0.08*	5554	**29.2**	*0.44*	3.43	*0.06*
*USA, Michigan, Detroit: Black	1322	**49.4**	*1.41*	5.67	*0.20*	1410	**36.1**	*1.02*	4.31	*0.15*
*USA, Michigan, Detroit: White	3894	**34.7**	*0.59*	4.07	*0.09*	4053	**27.3**	*0.49*	3.17	*0.07*
USA, Mississippi	4099	**43.2**	*0.69*	5.20	*0.10*	3867	**30.6**	*0.54*	3.63	*0.08*
USA, Missouri	8314	**38.3**	*0.44*	4.47	*0.06*	8099	**27.7**	*0.35*	3.13	*0.05*
USA, Missouri: Black	780	**49.6**	*1.82*	5.80	*0.27*	822	**34.6**	*1.28*	3.97	*0.18*
USA, Missouri: White	7425	**37.3**	*0.45*	4.36	*0.07*	7176	**27.0**	*0.36*	3.05	*0.05*
USA, Montana	1252	**32.2**	*0.95*	4.00	*0.15*	1179	**26.0**	*0.84*	3.08	*0.12*
USA, Montana: American Indian	67	**53.2**	*6.62*	6.02	*0.91*	49	**31.9**	*4.64*	3.81	*0.70*
USA, Nebraska	2711	**41.3**	*0.84*	4.90	*0.13*	2596	**28.7**	*0.65*	3.36	*0.10*
USA, Nebraska: Black	66	**42.3**	*5.33*	4.80	*0.79*	74	**33.7**	*4.14*	3.88	*0.64*
USA, Nebraska: White	2596	**41.1**	*0.86*	4.87	*0.13*	2478	**28.3**	*0.67*	3.31	*0.10*
USA, New Hampshire	1686	**34.5**	*0.87*	4.04	*0.13*	1695	**27.0**	*0.73*	3.13	*0.11*
USA, New Jersey	12308	**38.2**	*0.36*	4.45	*0.05*	12660	**28.3**	*0.29*	3.14	*0.04*
*USA, New Jersey: Black	1317	**42.3**	*1.19*	4.99	*0.17*	1551	**34.0**	*0.89*	3.98	*0.13*
*USA, New Jersey: White	10463	**38.1**	*0.40*	4.42	*0.06*	10645	**27.7**	*0.31*	3.04	*0.04*
USA, New Mexico	2173	**31.7**	*0.71*	3.89	*0.10*	1975	**23.5**	*0.57*	2.70	*0.08*
*USA, New Mexico: Hispanic White	715	**33.2**	*1.28*	4.25	*0.20*	599	**22.9**	*0.99*	2.66	*0.14*
*USA, New Mexico: Non−Hispanic White	1311	**31.9**	*0.94*	3.85	*0.14*	1235	**24.8**	*0.80*	2.83	*0.11*
*USA, New Mexico: White	2026	**32.3**	*0.75*	3.98	*0.11*	1834	**24.1**	*0.62*	2.76	*0.09*
USA, New York State	25888	**36.5**	*0.24*	4.21	*0.03*	27299	**27.8**	*0.19*	3.15	*0.03*
USA, New York State: Asian and Pacific Islander	893	**24.1**	*0.82*	2.84	*0.12*	847	**19.7**	*0.69*	2.26	*0.10*
USA, New York State: Black	3325	**39.1**	*0.69*	4.54	*0.10*	3999	**30.1**	*0.50*	3.52	*0.07*
USA, New York State: White	21181	**36.1**	*0.26*	4.16	*0.04*	22029	**27.2**	*0.21*	3.07	*0.03*
USA, North Carolina	11108	**37.2**	*0.36*	4.44	*0.05*	10635	**27.2**	*0.29*	3.14	*0.04*
USA, North Carolina: American Indian	72	**25.2**	*3.02*	3.13	*0.45*	58	**16.2**	*2.16*	1.94	*0.33*
USA, North Carolina: Asian and Pacific Islander	34	**11.2**	*1.99*	1.42	*0.31*	52	**12.9**	*1.85*	1.58	*0.30*
USA, North Carolina: Black	2136	**45.4**	*1.01*	5.49	*0.15*	2342	**34.3**	*0.75*	4.10	*0.11*
USA, North Carolina: White	8796	**35.7**	*0.39*	4.24	*0.06*	8095	**25.5**	*0.31*	2.92	*0.04*
USA, North Dakota	1100	**41.9**	*1.37*	5.09	*0.21*	911	**27.1**	*1.06*	3.13	*0.15*
USA, Ohio	16080	**37.1**	*0.31*	4.36	*0.05*	16310	**28.2**	*0.25*	3.24	*0.04*
USA, Ohio: Asian and Pacific Islander	53	**13.1**	*1.83*	1.60	*0.27*	71	**13.9**	*1.69*	1.53	*0.24*
USA, Ohio: Black	1558	**43.5**	*1.14*	5.14	*0.16*	1654	**32.4**	*0.85*	3.73	*0.12*
USA, Ohio: White	14209	**36.2**	*0.32*	4.25	*0.05*	14242	**27.1**	*0.26*	3.12	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Large bowel (C18-21) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	4889	**37.4**	*0.56*	4.36	*0.08*	4790	**29.0**	*0.46*	3.34	*0.06*
USA, Oklahoma: American Indian	397	**50.9**	*2.60*	6.10	*0.39*	417	**43.8**	*2.22*	5.16	*0.32*
USA, Oklahoma: Black	284	**44.3**	*2.69*	5.27	*0.41*	302	**34.1**	*2.06*	3.95	*0.30*
USA, Oklahoma: White	4148	**35.9**	*0.58*	4.15	*0.08*	4000	**27.3**	*0.48*	3.14	*0.07*
USA, Oregon	4624	**32.5**	*0.50*	3.87	*0.08*	4503	**25.4**	*0.42*	2.96	*0.06*
USA, Oregon: Asian and Pacific Islander	68	**20.2**	*2.53*	2.25	*0.36*	87	**17.9**	*2.01*	1.88	*0.30*
USA, Oregon: Black	55	**30.8**	*4.30*	3.38	*0.62*	53	**30.8**	*4.43*	3.92	*0.67*
USA, Oregon: White	4334	**31.9**	*0.51*	3.80	*0.08*	4213	**24.9**	*0.43*	2.90	*0.06*
USA, Pennsylvania	20273	**39.5**	*0.30*	4.65	*0.04*	21008	**29.3**	*0.24*	3.36	*0.03*
USA, Pennsylvania: Asian and Pacific Islander	121	**18.8**	*1.73*	2.35	*0.27*	129	**16.3**	*1.47*	1.95	*0.23*
USA, Pennsylvania: Black	1525	**44.9**	*1.19*	5.23	*0.17*	1691	**33.6**	*0.88*	4.01	*0.13*
USA, Pennsylvania: White	18380	**38.8**	*0.31*	4.57	*0.05*	18962	**28.7**	*0.25*	3.28	*0.04*
USA, Rhode Island	1557	**37.3**	*1.01*	4.28	*0.15*	1651	**28.1**	*0.81*	3.15	*0.12*
USA, Rhode Island: Black	44	**30.2**	*4.75*	3.23	*0.65*	57	**32.9**	*4.52*	3.42	*0.57*
USA, Rhode Island: White	1486	**37.7**	*1.05*	4.35	*0.16*	1566	**28.0**	*0.84*	3.16	*0.12*
USA, South Carolina	5835	**38.7**	*0.52*	4.66	*0.07*	5544	**28.5**	*0.41*	3.30	*0.06*
USA, South Carolina: Black	1475	**46.6**	*1.24*	5.63	*0.18*	1547	**33.5**	*0.90*	3.88	*0.13*
USA, South Carolina: White	4289	**36.5**	*0.58*	4.38	*0.08*	3935	**26.8**	*0.47*	3.10	*0.06*
USA, South Dakota	1126	**35.7**	*1.14*	4.13	*0.17*	1098	**25.8**	*0.92*	2.97	*0.14*
USA, Tennessee	7977	**37.3**	*0.43*	4.40	*0.06*	7853	**28.5**	*0.35*	3.34	*0.05*
USA, Tennessee: Black	1016	**43.9**	*1.42*	4.99	*0.20*	1202	**35.9**	*1.09*	4.22	*0.16*
USA, Tennessee: White	6884	**36.4**	*0.45*	4.32	*0.07*	6581	**27.4**	*0.37*	3.21	*0.05*
USA, Texas	24741	**36.0**	*0.24*	4.32	*0.04*	21938	**25.4**	*0.18*	2.95	*0.03*
USA, Texas: Asian and Pacific Islander	313	**17.8**	*1.04*	1.99	*0.15*	316	**14.8**	*0.85*	1.69	*0.13*
USA, Texas: Black	2936	**48.5**	*0.92*	5.75	*0.14*	2942	**35.0**	*0.68*	4.17	*0.10*
USA, Texas: White	21080	**34.8**	*0.25*	4.18	*0.04*	18312	**24.3**	*0.19*	2.81	*0.03*
USA, Utah	1935	**28.5**	*0.67*	3.43	*0.10*	1645	**20.3**	*0.54*	2.33	*0.08*
USA, Vermont	770	**31.8**	*1.19*	3.86	*0.18*	852	**26.8**	*1.03*	2.96	*0.15*
USA, Virginia	8956	**35.1**	*0.38*	4.16	*0.06*	8857	**26.7**	*0.31*	3.13	*0.05*
USA, Virginia: Asian and Pacific Islander	158	**18.8**	*1.53*	2.06	*0.21*	172	**15.7**	*1.22*	1.84	*0.18*
USA, Virginia: Black	1714	**44.9**	*1.11*	5.48	*0.16*	1821	**33.7**	*0.83*	4.07	*0.12*
USA, Virginia: White	6943	**33.4**	*0.41*	3.94	*0.06*	6743	**25.2**	*0.34*	2.94	*0.05*
USA, Washington State	7171	**31.8**	*0.39*	3.73	*0.06*	6854	**24.3**	*0.32*	2.74	*0.05*
USA, Washington, Seattle	4920	**32.2**	*0.48*	3.75	*0.07*	4760	**24.8**	*0.40*	2.78	*0.06*
USA, West Virginia	3281	**42.7**	*0.78*	5.06	*0.11*	3076	**31.2**	*0.63*	3.63	*0.09*
USA, Wisconsin	7121	**33.5**	*0.42*	3.88	*0.06*	7122	**25.4**	*0.34*	2.86	*0.05*
USA, Wisconsin: Black	273	**44.0**	*2.77*	5.23	*0.41*	304	**35.8**	*2.12*	4.09	*0.30*
USA, Wisconsin: White	6663	**32.7**	*0.42*	3.79	*0.06*	6651	**24.6**	*0.35*	2.78	*0.05*
USA, Wyoming	628	**32.3**	*1.34*	3.73	*0.19*	590	**27.3**	*1.22*	3.29	*0.18*
Asia										
Bahrain: Bahraini	109	**15.3**	*1.52*	1.88	*0.22*	88	**11.3**	*1.24*	1.24	*0.16*
China, Beijing City	5972	**19.6**	*0.27*	2.35	*0.04*	4924	**15.6**	*0.23*	1.89	*0.03*
*China, Cixian County	135	**11.4**	*1.06*	1.38	*0.15*	149	**11.0**	*0.93*	1.31	*0.13*
China, Haining County	328	**15.5**	*0.89*	1.84	*0.12*	272	**11.7**	*0.74*	1.45	*0.10*
*China, Harbin City, Nangang District	697	**23.4**	*0.91*	2.91	*0.13*	547	**17.3**	*0.75*	2.13	*0.11*
China, Hong Kong	10521	**40.4**	*0.41*	4.71	*0.06*	8017	**26.7**	*0.33*	3.09	*0.05*
China, Jiashan County	363	**23.5**	*1.27*	2.96	*0.18*	313	**20.1**	*1.19*	2.48	*0.17*
China, Jiaxing City	286	**24.9**	*1.53*	2.99	*0.21*	247	**20.6**	*1.37*	2.49	*0.19*
China, Macao	358	**28.1**	*1.56*	3.26	*0.24*	388	**24.9**	*1.39*	2.82	*0.21*
China, Qidong County	604	**13.6**	*0.57*	1.61	*0.08*	571	**11.3**	*0.50*	1.25	*0.07*
*China, Shanghai City	8137	**27.8**	*0.32*	3.29	*0.05*	7716	**23.3**	*0.29*	2.81	*0.04*
*China, Wuhan City	2989	**20.9**	*0.39*	2.55	*0.06*	2582	**17.5**	*0.35*	2.23	*0.05*
*China, Yangcheng County	104	**10.9**	*1.12*	1.28	*0.16*	93	**9.9**	*1.09*	1.19	*0.14*
*China, Yanting County	187	**11.2**	*0.84*	1.36	*0.12*	112	**6.3**	*0.60*	0.74	*0.08*
*China, Zhongshan City	660	**24.1**	*0.96*	2.95	*0.14*	500	**16.1**	*0.75*	1.88	*0.10*
*India, Bangalore	643	**8.6**	*0.35*	1.00	*0.05*	502	**6.9**	*0.32*	0.80	*0.04*
*India; Barshi, Paranda, and Bhum	32	**2.8**	*0.52*	0.29	*0.06*	15	**1.2**	*0.33*	0.16	*0.04*
*India, Bhopal	106	**4.6**	*0.46*	0.57	*0.07*	79	**3.7**	*0.43*	0.44	*0.06*
*India, Chennai	739	**7.2**	*0.27*	0.85	*0.04*	514	**5.1**	*0.23*	0.60	*0.03*
*India, Dindigul, Ambilikkai	110	**2.3**	*0.22*	0.25	*0.03*	74	**1.5**	*0.17*	0.15	*0.02*
*India, Karunagappally	63	**6.0**	*0.76*	0.71	*0.10*	65	**5.3**	*0.67*	0.70	*0.10*
*India, Mizoram	113	**7.3**	*0.72*	0.78	*0.10*	99	**6.5**	*0.68*	0.77	*0.09*
*India, Mumbai	1692	**6.7**	*0.17*	0.75	*0.02*	1123	**4.7**	*0.14*	0.52	*0.02*
*India, New Delhi	1454	**5.5**	*0.15*	0.64	*0.02*	893	**3.7**	*0.13*	0.43	*0.02*
*India, Poona	457	**6.2**	*0.30*	0.74	*0.04*	338	**4.5**	*0.25*	0.53	*0.04*
*India, Sikkim State	34	**3.6**	*0.63*	0.38	*0.08*	19	**2.5**	*0.60*	0.35	*0.09*
*India, Trivandrum	129	**8.1**	*0.72*	0.99	*0.11*	100	**5.4**	*0.54*	0.65	*0.07*
*Iran (Islamic Republic of), Golestan Province	228	**13.6**	*0.95*	1.54	*0.13*	174	**10.4**	*0.82*	1.23	*0.11*
Israel	8239	**41.6**	*0.48*	4.88	*0.07*	7831	**32.0**	*0.40*	3.70	*0.06*
*Israel: Jews	7758	**42.8**	*0.52*	5.04	*0.08*	7379	**32.6**	*0.42*	3.79	*0.06*
*Israel: Non–Jews	481	**28.0**	*1.31*	3.37	*0.20*	452	**23.7**	*1.14*	2.71	*0.16*
Japan, Aichi Prefecture	2344	**38.2**	*0.81*	4.67	*0.12*	1666	**24.1**	*0.64*	2.80	*0.09*
Japan, Fukui Prefecture	1869	**40.7**	*1.04*	4.93	*0.14*	1486	**25.0**	*0.79*	2.93	*0.11*
Japan, Hiroshima	3208	**61.4**	*1.13*	7.49	*0.16*	2384	**35.4**	*0.82*	4.15	*0.11*
Japan, Miyagi Prefecture	7424	**62.4**	*0.77*	7.75	*0.11*	5403	**35.6**	*0.57*	4.13	*0.08*
Japan, Nagasaki Prefecture	4095	**50.4**	*0.86*	6.19	*0.12*	3399	**29.5**	*0.63*	3.37	*0.08*
Japan, Niigata Prefecture	7379	**53.6**	*0.69*	6.55	*0.09*	5501	**30.1**	*0.50*	3.57	*0.07*
*Japan, Osaka Prefecture	15476	**34.3**	*0.29*	4.13	*0.04*	11920	**21.1**	*0.22*	2.41	*0.03*
Japan, Saga Prefecture	1756	**37.5**	*0.98*	4.55	*0.14*	1409	**20.1**	*0.67*	2.25	*0.09*
Republic of Korea	53050	**41.0**	*0.18*	5.10	*0.03*	38062	**23.0**	*0.12*	2.76	*0.02*
Republic of Korea, Busan	3703	**37.0**	*0.64*	4.50	*0.09*	2666	**20.9**	*0.41*	2.46	*0.06*
Republic of Korea, Daegu	2579	**41.8**	*0.86*	5.20	*0.12*	1892	**23.1**	*0.54*	2.72	*0.08*
Republic of Korea, Daejeon	1496	**46.1**	*1.23*	5.80	*0.18*	1051	**25.3**	*0.80*	3.03	*0.11*
Republic of Korea, Gwangju	1411	**44.4**	*1.22*	5.78	*0.19*	995	**23.6**	*0.76*	2.93	*0.11*
Republic of Korea, Incheon	2474	**41.2**	*0.86*	5.11	*0.13*	1773	**23.5**	*0.57*	2.79	*0.08*
Republic of Korea, Jejudo	426	**35.4**	*1.75*	4.47	*0.25*	306	**18.7**	*1.12*	2.25	*0.15*
Republic of Korea, Seoul	11605	**45.4**	*0.44*	5.64	*0.06*	7874	**24.9**	*0.28*	2.99	*0.04*
Republic of Korea, Ulsan	874	**38.6**	*1.41*	5.04	*0.22*	658	**24.2**	*0.98*	2.80	*0.14*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Large bowel (C18-21) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	446	**10.6**	*0.66*	1.40	*0.11*	320	**12.4**	*0.79*	1.63	*0.13*
*Kuwait: Kuwaitis	188	**16.5**	*1.24*	2.14	*0.18*	201	**14.1**	*1.04*	1.80	*0.16*
*Kuwait: Non−Kuwaitis	258	**8.4**	*0.93*	1.05	*0.14*	119	**11.3**	*1.34*	1.52	*0.23*
*Malaysia, Penang	555	**25.6**	*1.11*	3.06	*0.17*	496	**18.8**	*0.86*	2.24	*0.13*
*Malaysia, Penang: Chinese	408	**30.4**	*1.52*	3.65	*0.22*	373	**23.1**	*1.21*	2.71	*0.18*
*Malaysia, Penang: Indian	38	**19.0**	*3.28*	2.08	*0.47*	30	**12.0**	*2.27*	1.48	*0.35*
*Malaysia, Penang: Malay	105	**15.4**	*1.58*	1.82	*0.24*	92	**10.6**	*1.13*	1.37	*0.17*
*Philippines, Manila	2054	**27.7**	*0.66*	3.24	*0.10*	1957	**20.6**	*0.48*	2.40	*0.07*
*Philippines, Rizal	1958	**24.5**	*0.60*	2.89	*0.09*	1782	**18.1**	*0.45*	2.07	*0.07*
Qatar: Qatari	46	**20.7**	*3.24*	2.71	*0.45*	47	**16.7**	*2.56*	1.96	*0.34*
*Saudi Arabia, Riyadh: Saudi	576	**12.5**	*0.54*	1.54	*0.08*	488	**10.6**	*0.50*	1.18	*0.07*
Singapore	3890	**40.3**	*0.66*	4.75	*0.10*	3363	**28.8**	*0.51*	3.24	*0.08*
Singapore: Chinese	3450	**44.6**	*0.77*	5.23	*0.11*	3053	**31.4**	*0.59*	3.53	*0.09*
Singapore: Indian	127	**17.6**	*1.64*	2.21	*0.25*	74	**10.9**	*1.31*	1.32	*0.20*
Singapore: Malay	265	**26.0**	*1.68*	3.01	*0.24*	214	**19.5**	*1.39*	2.33	*0.19*
Thailand, Bangkok	2779	**21.3**	*0.41*	2.51	*0.06*	2451	**13.9**	*0.29*	1.59	*0.04*
Thailand, Chiang Mai	563	**12.6**	*0.55*	1.48	*0.08*	491	**10.0**	*0.47*	1.13	*0.06*
Thailand, Chonburi	422	**16.3**	*0.81*	1.88	*0.12*	338	**11.2**	*0.63*	1.36	*0.09*
*Thailand, Khon Kaen	423	**10.3**	*0.51*	1.24	*0.07*	365	**7.4**	*0.39*	0.84	*0.05*
Thailand, Lampang	367	**14.9**	*0.79*	1.77	*0.11*	292	**10.6**	*0.63*	1.24	*0.09*
*Thailand, Songkhla	341	**13.7**	*0.75*	1.67	*0.11*	256	**8.7**	*0.55*	0.99	*0.08*
*Turkey, Antalya	594	**16.3**	*0.68*	1.92	*0.09*	470	**12.4**	*0.58*	1.42	*0.08*
*Turkey, Edirne	164	**16.4**	*1.30*	1.99	*0.18*	134	**11.8**	*1.05*	1.41	*0.15*
*Turkey, Izmir	2023	**21.6**	*0.49*	2.65	*0.07*	1385	**12.9**	*0.35*	1.51	*0.05*
*Turkey, Trabzon	211	**19.1**	*1.34*	2.30	*0.18*	151	**10.8**	*0.91*	1.13	*0.12*
Europe										
Austria	13712	**39.2**	*0.35*	4.72	*0.05*	11404	**22.8**	*0.25*	2.56	*0.03*
Austria, Tyrol	1061	**38.6**	*1.22*	4.46	*0.17*	886	**23.9**	*0.90*	2.71	*0.13*
Austria, Vorarlberg	475	**35.1**	*1.65*	4.12	*0.24*	392	**21.8**	*1.21*	2.37	*0.17*
*Belarus	8771	**29.0**	*0.32*	3.67	*0.05*	9939	**19.7**	*0.22*	2.46	*0.03*
*Belgium	16847	**43.8**	*0.36*	5.17	*0.05*	14393	**28.8**	*0.28*	3.30	*0.04*
Bulgaria	11965	**34.8**	*0.33*	4.38	*0.05*	9552	**22.3**	*0.25*	2.73	*0.03*
Croatia	8140	**44.4**	*0.51*	5.42	*0.07*	6311	**24.6**	*0.35*	2.87	*0.05*
Cyprus	770	**27.3**	*1.02*	3.17	*0.15*	665	**20.5**	*0.85*	2.37	*0.12*
Czech Republic	23131	**57.5**	*0.39*	7.04	*0.06*	16368	**29.2**	*0.25*	3.42	*0.04*
Denmark	10346	**42.6**	*0.43*	5.16	*0.07*	9673	**31.9**	*0.36*	3.76	*0.05*
*Estonia	1638	**33.8**	*0.86*	4.22	*0.13*	1911	**22.1**	*0.57*	2.64	*0.08*
Finland	6232	**27.5**	*0.36*	3.24	*0.05*	6084	**19.9**	*0.29*	2.24	*0.04*
*France, Bas−Rhin	1768	**42.8**	*1.06*	5.08	*0.16*	1377	**24.4**	*0.76*	2.71	*0.10*
*France, Calvados	1043	**37.6**	*1.25*	4.42	*0.18*	829	**20.8**	*0.85*	2.34	*0.12*
*France, Doubs	818	**37.2**	*1.37*	4.51	*0.20*	638	**23.0**	*1.05*	2.62	*0.15*
*France, Haut−Rhin	1311	**43.7**	*1.25*	5.36	*0.19*	1025	**25.9**	*0.92*	3.06	*0.13*
*France, Hérault	1783	**39.4**	*1.01*	4.69	*0.14*	1403	**23.6**	*0.74*	2.61	*0.10*
*France, Isère	1722	**36.7**	*0.93*	4.24	*0.13*	1419	**22.9**	*0.69*	2.53	*0.10*
*France, Loire−Atlantique	1924	**39.5**	*0.96*	4.65	*0.14*	1709	**25.0**	*0.71*	2.85	*0.10*
*France, Manche	871	**34.1**	*1.27*	3.94	*0.18*	687	**19.8**	*0.95*	2.14	*0.12*
*France, Somme	919	**39.4**	*1.39*	4.77	*0.21*	744	**24.0**	*1.03*	2.79	*0.14*
*France, Tarn	774	**34.7**	*1.41*	3.99	*0.20*	640	**23.0**	*1.14*	2.58	*0.16*
*France, Vendée	1143	**38.5**	*1.24*	4.61	*0.17*	887	**22.8**	*0.92*	2.59	*0.12*
Germany, Brandenburg	5529	**45.0**	*0.63*	5.54	*0.09*	4599	**26.8**	*0.45*	3.05	*0.06*
Germany, Bremen	1472	**44.3**	*1.21*	5.36	*0.18*	1516	**30.4**	*0.93*	3.37	*0.13*
Germany, Free State of Saxony	9623	**43.2**	*0.46*	5.24	*0.06*	8605	**25.7**	*0.33*	2.95	*0.05*
Germany, Hamburg	2783	**34.6**	*0.68*	3.96	*0.10*	3093	**26.1**	*0.55*	2.90	*0.08*
Germany, Mecklenburg−Western Pomerania	3400	**42.6**	*0.76*	5.19	*0.10*	2809	**24.8**	*0.53*	2.91	*0.07*
Germany, Munich	8032	**44.9**	*0.52*	5.40	*0.07*	6999	**28.6**	*0.39*	3.21	*0.05*
Germany, North Rhine−Westphalia	5559	**45.8**	*0.64*	5.60	*0.09*	5311	**31.1**	*0.50*	3.49	*0.07*
Germany, Saarland	2783	**52.1**	*1.04*	6.31	*0.15*	2320	**31.8**	*0.78*	3.63	*0.10*
Germany, Schleswig−Holstein	6094	**42.8**	*0.57*	5.11	*0.08*	6106	**31.4**	*0.47*	3.57	*0.07*
Iceland	373	**33.8**	*1.85*	3.99	*0.28*	304	**24.3**	*1.53*	2.87	*0.23*
Ireland	6125	**43.8**	*0.57*	5.28	*0.09*	4636	**27.9**	*0.44*	3.29	*0.07*
Italy, Biella	467	**44.2**	*2.23*	5.54	*0.32*	434	**29.5**	*1.76*	3.41	*0.23*
Italy, Brescia	1457	**37.7**	*1.03*	4.51	*0.15*	1320	**25.9**	*0.82*	3.06	*0.11*
Italy, Catania and Messina	1644	**34.8**	*0.92*	4.16	*0.13*	1357	**23.0**	*0.71*	2.75	*0.10*
Italy, Catanzaro	401	**35.0**	*1.89*	4.34	*0.28*	300	**22.6**	*1.50*	2.69	*0.20*
Italy, Como	1164	**43.7**	*1.34*	5.31	*0.19*	1001	**27.9**	*1.02*	3.26	*0.14*
Italy, Ferrara	1290	**59.6**	*1.82*	7.09	*0.26*	979	**34.6**	*1.38*	3.89	*0.18*
Italy, Florence and Prato	1795	**43.8**	*1.14*	5.15	*0.16*	1544	**29.8**	*0.92*	3.34	*0.12*
Italy, Friuli−Venezia Giulia	3156	**46.5**	*0.88*	5.66	*0.13*	2564	**27.9**	*0.68*	3.23	*0.09*
Italy, Genoa	2055	**46.6**	*1.13*	5.74	*0.16*	1830	**29.1**	*0.86*	3.38	*0.11*
Italy, Latina	866	**35.8**	*1.29*	4.35	*0.19*	668	**23.7**	*1.02*	2.83	*0.14*
Italy, Lecco	726	**47.3**	*1.82*	5.70	*0.26*	557	**27.2**	*1.33*	3.14	*0.18*
Italy, Lombardy, South	1072	**47.0**	*1.52*	5.69	*0.22*	963	**31.1**	*1.20*	3.64	*0.16*
Italy, Mantua	625	**50.5**	*2.16*	6.04	*0.31*	493	**30.0**	*1.61*	3.59	*0.22*
Italy, Milan	2484	**43.5**	*0.94*	5.26	*0.14*	2236	**26.9**	*0.69*	3.14	*0.09*
Italy, Modena	1708	**49.3**	*1.29*	6.05	*0.19*	1365	**31.8**	*1.01*	3.86	*0.14*
Italy, Naples	624	**35.3**	*1.44*	4.34	*0.21*	523	**23.7**	*1.10*	2.74	*0.15*
Italy, Nuoro	451	**37.9**	*1.91*	4.63	*0.27*	302	**22.0**	*1.45*	2.55	*0.19*
Italy, Palermo	1515	**34.4**	*0.94*	4.28	*0.14*	1373	**24.5**	*0.75*	2.92	*0.10*
Italy, Parma	1118	**47.3**	*1.55*	5.78	*0.22*	867	**28.4**	*1.21*	3.35	*0.16*
Italy, Ragusa	503	**33.9**	*1.65*	3.96	*0.24*	423	**24.9**	*1.38*	2.88	*0.19*
Italy, Reggio Emilia	1114	**45.1**	*1.46*	5.57	*0.21*	895	**28.6**	*1.14*	3.37	*0.16*
Italy, Romagna	3299	**51.8**	*0.99*	6.21	*0.14*	2573	**32.9**	*0.78*	3.84	*0.10*
Italy, Salerno	1637	**33.4**	*0.89*	4.04	*0.13*	1272	**20.5**	*0.66*	2.38	*0.09*
Italy, Sassari	764	**35.7**	*1.35*	4.38	*0.20*	617	**23.8**	*1.06*	2.84	*0.15*
Italy, Sondrio	356	**43.2**	*2.38*	5.05	*0.33*	314	**30.7**	*2.00*	3.63	*0.26*
Italy, South Tyrol	764	**45.4**	*1.72*	5.37	*0.25*	613	**27.2**	*1.27*	3.15	*0.18*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Large bowel (C18-21) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	595	**32.9**	*1.43*	3.97	*0.20*	516	**23.4**	*1.15*	2.78	*0.16*
Italy, Trapani	486	**29.1**	*1.43*	3.61	*0.21*	457	**22.9**	*1.23*	2.77	*0.17*
Italy, Trento	754	**40.1**	*1.55*	5.05	*0.23*	571	**22.7**	*1.10*	2.82	*0.16*
Italy, Turin	2249	**42.8**	*0.98*	5.04	*0.14*	1969	**28.2**	*0.76*	3.27	*0.10*
Italy, Umbria	2384	**47.6**	*1.08*	5.90	*0.16*	1929	**31.0**	*0.86*	3.73	*0.12*
Italy, Varese	1925	**47.4**	*1.13*	5.82	*0.16*	1567	**28.9**	*0.84*	3.46	*0.12*
Italy, Veneto	4123	**45.5**	*0.75*	5.48	*0.11*	3366	**28.8**	*0.58*	3.35	*0.08*
Latvia	1937	**30.0**	*0.69*	3.67	*0.10*	2295	**20.2**	*0.47*	2.41	*0.06*
Lithuania	3672	**31.5**	*0.53*	3.90	*0.08*	3770	**19.4**	*0.35*	2.30	*0.05*
Malta	520	**32.1**	*1.45*	3.71	*0.21*	408	**21.4**	*1.13*	2.53	*0.16*
*The Netherlands	29249	**43.4**	*0.26*	5.24	*0.04*	26203	**30.9**	*0.21*	3.67	*0.03*
*The Netherlands, Eindhoven	2003	**46.8**	*1.07*	5.58	*0.15*	1756	**33.9**	*0.87*	4.08	*0.13*
Norway	8640	**43.0**	*0.49*	5.09	*0.08*	8849	**35.2**	*0.43*	4.16	*0.06*
Poland, Cracow	795	**35.6**	*1.30*	4.50	*0.20*	671	**20.5**	*0.86*	2.46	*0.12*
Poland, Kielce	1411	**30.0**	*0.84*	3.78	*0.12*	1202	**17.8**	*0.57*	2.14	*0.08*
Poland, Lower Silesia	3380	**34.2**	*0.62*	4.23	*0.09*	2881	**19.6**	*0.40*	2.40	*0.06*
Poland, Podkarpackie	2040	**29.7**	*0.69*	3.58	*0.10*	1610	**16.7**	*0.46*	1.98	*0.06*
Portugal, Azores	240	**29.9**	*2.01*	3.57	*0.29*	201	**20.0**	*1.54*	2.38	*0.21*
Russian Federation, Saint Petersburg	5477	**36.4**	*0.51*	4.56	*0.08*	8002	**27.3**	*0.34*	3.30	*0.05*
*Serbia, Central	7633	**31.9**	*0.39*	4.07	*0.05*	5484	**19.4**	*0.29*	2.35	*0.04*
Slovakia	9621	**56.9**	*0.59*	7.12	*0.09*	7004	**28.3**	*0.36*	3.38	*0.05*
Slovenia	3690	**46.4**	*0.78*	5.74	*0.11*	2877	**25.6**	*0.53*	3.06	*0.07*
Spain, Albacete	620	**34.0**	*1.53*	4.00	*0.22*	404	**17.5**	*1.05*	1.90	*0.14*
Spain, Asturias	2760	**46.4**	*0.97*	5.65	*0.14*	1793	**23.5**	*0.68*	2.70	*0.09*
Spain, Basque Country	5234	**50.6**	*0.74*	6.15	*0.11*	3115	**22.9**	*0.48*	2.64	*0.07*
Spain, Canary Islands	1659	**35.5**	*0.89*	4.25	*0.13*	1246	**22.0**	*0.67*	2.54	*0.09*
Spain, Ciudad Real	728	**37.6**	*1.59*	4.37	*0.22*	544	**22.1**	*1.15*	2.56	*0.16*
Spain, Cuenca	411	**33.2**	*1.96*	4.01	*0.27*	259	**17.3**	*1.42*	1.90	*0.18*
Spain, Girona	1426	**49.0**	*1.40*	5.98	*0.20*	920	**25.8**	*1.00*	2.89	*0.13*
*Spain, Granada	1274	**35.9**	*1.08*	4.52	*0.16*	943	**21.8**	*0.81*	2.55	*0.11*
Spain, La Rioja	633	**40.7**	*1.79*	4.86	*0.26*	434	**24.5**	*1.41*	2.89	*0.19*
Spain, Mallorca	1352	**42.9**	*1.23*	5.28	*0.19*	939	**24.3**	*0.90*	2.87	*0.13*
Spain, Murcia	2202	**43.5**	*0.99*	5.28	*0.14*	1675	**27.6**	*0.76*	3.23	*0.10*
Spain, Navarra	1260	**44.4**	*1.35*	5.41	*0.20*	837	**24.2**	*0.99*	2.72	*0.13*
Spain, Tarragona	1619	**50.7**	*1.36*	5.99	*0.19*	1031	**27.8**	*1.00*	3.24	*0.14*
*Sweden	14402	**31.4**	*0.28*	3.75	*0.04*	13635	**24.8**	*0.25*	2.97	*0.04*
Switzerland, Basel	734	**34.1**	*1.34*	4.08	*0.20*	633	**22.2**	*1.03*	2.52	*0.14*
Switzerland, Geneva	617	**35.0**	*1.47*	4.21	*0.22*	605	**24.2**	*1.12*	2.61	*0.15*
Switzerland, Graubünden and Glarus	378	**36.7**	*1.98*	4.55	*0.30*	285	**20.3**	*1.39*	2.32	*0.20*
Switzerland, Neuchâtel	298	**39.0**	*2.40*	4.63	*0.35*	274	**26.1**	*1.85*	3.12	*0.27*
Switzerland, St Gall–Appenzell	801	**35.9**	*1.32*	4.44	*0.20*	625	**21.6**	*0.98*	2.45	*0.14*
Switzerland, Ticino	622	**39.1**	*1.64*	4.71	*0.24*	527	**24.7**	*1.25*	2.88	*0.17*
Switzerland, Valais	453	**35.5**	*1.74*	4.29	*0.25*	319	**19.9**	*1.25*	2.25	*0.17*
Switzerland, Vaud	986	**35.8**	*1.20*	4.26	*0.18*	902	**23.9**	*0.91*	2.71	*0.13*
Switzerland, Zurich	1812	**32.1**	*0.79*	3.78	*0.12*	1655	**22.9**	*0.63*	2.68	*0.09*
Ukraine	46337	**29.1**	*0.14*	3.72	*0.02*	48777	**19.4**	*0.10*	2.46	*0.01*
UK, England	82510	**36.1**	*0.13*	4.28	*0.02*	69339	**23.6**	*0.10*	2.72	*0.01*
UK, England, East of England Region	9212	**34.4**	*0.38*	4.10	*0.06*	8028	**23.7**	*0.31*	2.74	*0.04*
UK, England, North Western	11334	**38.8**	*0.38*	4.62	*0.06*	9042	**23.9**	*0.29*	2.74	*0.04*
UK, England, Northern and Yorkshire	12129	**39.4**	*0.38*	4.66	*0.06*	9632	**24.1**	*0.28*	2.80	*0.04*
UK, England, Oxford Region	4110	**35.5**	*0.58*	4.22	*0.09*	3502	**24.3**	*0.46*	2.79	*0.07*
UK, England, South and Western Regions	12642	**35.5**	*0.34*	4.18	*0.05*	11318	**24.8**	*0.28*	2.85	*0.04*
UK, England, Thames	15085	**32.3**	*0.28*	3.81	*0.04*	13925	**22.7**	*0.22*	2.60	*0.03*
UK, England, Trent	5271	**37.1**	*0.54*	4.46	*0.08*	4020	**23.1**	*0.42*	2.63	*0.06*
UK, England, West Midlands	9491	**38.6**	*0.42*	4.61	*0.06*	7336	**23.6**	*0.32*	2.69	*0.04*
UK, Northern Ireland	2849	**43.3**	*0.84*	5.27	*0.13*	2302	**26.9**	*0.62*	3.22	*0.09*
UK, Scotland	9504	**41.6**	*0.45*	4.88	*0.06*	8167	**26.8**	*0.34*	3.05	*0.05*
UK, Wales	5881	**40.1**	*0.56*	4.73	*0.08*	4637	**25.2**	*0.43*	2.88	*0.06*
Oceania										
Australian Capital Territory	453	**44.2**	*2.13*	5.41	*0.32*	385	**32.3**	*1.74*	3.82	*0.26*
Australia, New South Wales	12481	**46.7**	*0.44*	5.75	*0.07*	10433	**32.9**	*0.36*	3.89	*0.05*
Australia, Northern Territory	197	**42.8**	*3.25*	5.28	*0.50*	117	**28.1**	*2.74*	3.19	*0.41*
Australia, Northern Territory: Indigenous	27	**34.7**	*7.35*	4.39	*1.11*	16	**14.3**	*3.73*	1.47	*0.43*
Australia, Northern Territory: Non–Indigenous	169	**43.9**	*3.61*	5.39	*0.56*	101	**32.6**	*3.46*	3.86	*0.56*
Australia, Queensland	7320	**48.8**	*0.59*	6.06	*0.09*	5952	**35.0**	*0.49*	4.18	*0.07*
South Australia	3220	**48.1**	*0.90*	5.84	*0.13*	2708	**33.1**	*0.72*	3.99	*0.11*
Australia, Tasmania	987	**48.1**	*1.61*	5.59	*0.23*	881	**35.3**	*1.32*	4.11	*0.19*
Australia, Victoria	9456	**47.3**	*0.51*	5.73	*0.08*	7952	**33.0**	*0.41*	3.86	*0.06*
Western Australia	3129	**42.1**	*0.77*	5.07	*0.12*	2557	**30.2**	*0.65*	3.50	*0.09*
New Zealand	7019	**46.2**	*0.57*	5.69	*0.09*	6793	**37.2**	*0.49*	4.48	*0.08*
New Zealand: Maori	328	**35.2**	*1.99*	4.86	*0.32*	290	**26.1**	*1.58*	3.05	*0.22*
New Zealand: Pacific Islander	96	**24.3**	*2.67*	2.54	*0.34*	86	**17.3**	*1.92*	1.86	*0.26*
New Zealand: Other	6595	**47.5**	*0.62*	5.85	*0.09*	6417	**38.5**	*0.53*	4.68	*0.08*
USA, Hawaii	1935	**40.2**	*0.97*	4.78	*0.14*	1544	**26.0**	*0.74*	3.00	*0.10*
*USA, Hawaii: Chinese	106	**37.1**	*3.98*	4.65	*0.58*	114	**27.9**	*3.16*	3.14	*0.44*
*USA, Hawaii: Filipino	278	**47.3**	*3.07*	5.91	*0.45*	191	**26.5**	*2.04*	3.35	*0.30*
*USA, Hawaii: Hawaiian	244	**40.3**	*2.67*	5.46	*0.43*	171	**22.3**	*1.78*	2.77	*0.25*
*USA, Hawaii: Japanese	658	**49.8**	*2.16*	5.61	*0.29*	585	**30.0**	*1.55*	3.37	*0.21*
*USA, Hawaii: White	533	**39.1**	*1.77*	4.68	*0.26*	365	**25.9**	*1.52*	3.10	*0.23*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon (C18)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	125	**4.9**	*0.47*	–	-	136	**5.2**	*0.46*	–	-
Egypt, Gharbiah	290	**3.6**	*0.22*	0.39	*0.03*	262	**3.4**	*0.22*	0.38	*0.03*
*Libya, Benghazi	111	**8.8**	*0.87*	1.10	*0.14*	126	**9.0**	*0.85*	1.06	*0.13*
*Malawi, Blantyre	12	**1.0**	*0.33*	0.14	*0.05*	8	**0.5**	*0.23*	0.07	*0.04*
*South Africa, PROMEC	13	**0.9**	*0.27*	0.11	*0.03*	15	**0.6**	*0.16*	0.06	*0.02*
*Tunisia, North	433	**6.3**	*0.31*	0.78	*0.04*	387	**5.5**	*0.29*	0.63	*0.04*
*Uganda, Kyadondo County	50	**4.1**	*0.67*	0.49	*0.11*	55	**4.8**	*0.70*	0.58	*0.10*
*Zimbabwe, Harare: African	76	**8.0**	*1.04*	0.97	*0.16*	48	**5.8**	*0.95*	0.85	*0.17*
America, Central and South										
Argentina, Bahía Blanca	242	**26.4**	*1.80*	3.03	*0.25*	207	**14.4**	*1.17*	1.70	*0.17*
Argentina, Córdoba	548	**19.9**	*0.86*	2.39	*0.13*	526	**13.1**	*0.61*	1.47	*0.08*
Argentina, Mendoza	808	**17.8**	*0.65*	2.15	*0.10*	772	**13.7**	*0.52*	1.55	*0.07*
*Argentina, Tierra del Fuego	32	**15.7**	*3.00*	2.08	*0.45*	24	**12.5**	*2.77*	1.41	*0.39*
Brazil, Aracaju	54	**9.4**	*1.32*	1.06	*0.19*	73	**7.9**	*0.95*	0.84	*0.14*
Brazil, Belo Horizonte	342	**13.4**	*0.73*	1.58	*0.11*	471	**11.9**	*0.56*	1.26	*0.08*
Brazil, Cuiabá	94	**10.5**	*1.14*	1.37	*0.18*	74	**7.4**	*0.88*	0.82	*0.12*
Brazil, Fortaleza	194	**6.7**	*0.49*	0.77	*0.07*	253	**5.9**	*0.38*	0.62	*0.05*
Brazil, Goiânia	392	**18.9**	*0.99*	2.25	*0.15*	416	**15.7**	*0.79*	1.78	*0.11*
*Brazil, São Paulo	4600	**21.3**	*0.34*	2.44	*0.05*	5260	**16.8**	*0.25*	1.84	*0.04*
Chile, Region of Antofagasta	99	**9.0**	*0.92*	0.98	*0.14*	120	**9.3**	*0.87*	1.13	*0.14*
Chile, Bío Bío Province	66	**6.5**	*0.81*	0.74	*0.11*	91	**8.0**	*0.87*	0.84	*0.12*
Chile, Valdivia	90	**8.8**	*0.94*	1.04	*0.14*	117	**9.6**	*0.92*	0.99	*0.12*
Colombia, Bucaramanga	172	**8.2**	*0.64*	0.92	*0.09*	216	**7.8**	*0.54*	0.94	*0.08*
Colombia, Cali	412	**9.5**	*0.48*	1.10	*0.07*	557	**9.6**	*0.43*	1.09	*0.06*
Colombia, Manizales	83	**8.9**	*0.99*	1.01	*0.14*	88	**7.4**	*0.81*	0.95	*0.12*
Colombia, Pasto	31	**4.1**	*0.74*	0.48	*0.10*	40	**3.9**	*0.64*	0.40	*0.08*
Costa Rica	854	**9.4**	*0.33*	1.04	*0.05*	950	**9.4**	*0.32*	1.02	*0.05*
Cuba, Villa Clara	295	**10.6**	*0.66*	1.18	*0.10*	341	**11.0**	*0.64*	1.18	*0.09*
Ecuador, Cuenca	31	**3.6**	*0.68*	0.42	*0.10*	59	**4.7**	*0.66*	0.51	*0.09*
Ecuador, Quito	223	**7.3**	*0.51*	0.80	*0.07*	286	**7.8**	*0.48*	0.87	*0.07*
*France, Martinique	191	**12.6**	*0.96*	1.36	*0.14*	240	**12.9**	*0.91*	1.39	*0.12*
*Jamaica, Kingston and St Andrew	167	**11.9**	*0.95*	1.49	*0.15*	158	**8.7**	*0.75*	1.06	*0.11*
USA, Puerto Rico	3142	**22.6**	*0.42*	2.75	*0.06*	2858	**16.4**	*0.33*	1.92	*0.05*
Uruguay	1586	**22.7**	*0.60*	2.59	*0.09*	1759	**17.8**	*0.48*	1.97	*0.07*
America, North										
Canada	33155	**25.8**	*0.15*	3.09	*0.02*	32161	**19.6**	*0.12*	2.26	*0.02*
Canada, Alberta	2571	**22.7**	*0.46*	2.65	*0.07*	2358	**17.3**	*0.39*	2.03	*0.06*
Canada, British Columbia	4028	**21.8**	*0.36*	2.58	*0.05*	3822	**17.2**	*0.31*	1.96	*0.05*
Canada, Manitoba	1288	**26.8**	*0.79*	3.10	*0.12*	1230	**19.5**	*0.64*	2.15	*0.09*
Canada, New Brunswick	768	**24.0**	*0.90*	2.87	*0.14*	763	**18.1**	*0.74*	2.08	*0.11*
Canada, Newfoundland and Labrador	790	**36.4**	*1.33*	4.28	*0.20*	715	**28.5**	*1.13*	3.40	*0.17*
*Canada, Northwest Territories	34	**41.3**	*7.38*	5.62	*1.25*	18	**21.5**	*5.33*	2.82	*0.96*
Canada, Nova Scotia	1234	**30.3**	*0.90*	3.55	*0.13*	1286	**24.2**	*0.76*	2.74	*0.11*
Canada, Ontario	12765	**26.6**	*0.24*	3.25	*0.04*	12327	**20.1**	*0.20*	2.33	*0.03*
Canada, Prince Edward Island	157	**26.0**	*2.16*	3.11	*0.33*	172	**22.4**	*1.94*	2.58	*0.29*
*Canada, Quebec	8395	**26.7**	*0.30*	3.14	*0.05*	8398	**20.0**	*0.24*	2.28	*0.04*
Canada, Saskatchewan	1095	**25.7**	*0.84*	3.19	*0.13*	1051	**19.2**	*0.70*	2.22	*0.10*
*Canada, Yukon	30	**32.1**	*6.00*	5.05	*1.09*	21	**23.3**	*5.29*	2.95	*0.84*
USA, NPCR (42 states)	227580	**23.7**	*0.05*	2.78	*0.01*	240008	**18.8**	*0.04*	2.14	*0.01*
USA, NPCR (42 states): American Indian	1013	**15.8**	*0.51*	1.90	*0.08*	1049	**13.6**	*0.43*	1.63	*0.07*
USA, NPCR (42 states): Asian and Pacific Islander	4566	**14.5**	*0.22*	1.67	*0.03*	5106	**12.7**	*0.18*	1.46	*0.03*
USA, NPCR (42 states): Black	25704	**31.3**	*0.20*	3.73	*0.03*	29817	**25.0**	*0.15*	2.94	*0.02*
USA, NPCR (42 states): White	193656	**23.0**	*0.05*	2.68	*0.01*	201540	**18.0**	*0.05*	2.04	*0.01*
USA, SEER (9 registries)	22086	**22.3**	*0.16*	2.61	*0.02*	24013	**18.3**	*0.13*	2.09	*0.02*
*USA, SEER (9 registries): Black	2316	**30.2**	*0.65*	3.57	*0.10*	2746	**24.9**	*0.50*	2.94	*0.08*
*USA, SEER (9 registries): White	17829	**21.9**	*0.17*	2.55	*0.03*	19173	**17.7**	*0.15*	2.01	*0.02*
USA, SEER (18 registries)	64753	**23.0**	*0.09*	2.70	*0.01*	68045	**18.2**	*0.08*	2.07	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	3898	**17.3**	*0.29*	2.02	*0.04*	4250	**14.7**	*0.24*	1.69	*0.04*
*USA, SEER (18 registries): Black	7214	**31.9**	*0.38*	3.83	*0.06*	8222	**25.3**	*0.29*	2.98	*0.04*
*USA, SEER (18 registries): Hispanic White	5233	**18.9**	*0.27*	2.29	*0.04*	5070	**14.7**	*0.22*	1.67	*0.03*
*USA, SEER (18 registries): Non–Hispanic White	47673	**23.1**	*0.11*	2.69	*0.02*	49759	**17.9**	*0.09*	2.03	*0.01*
*USA, SEER (18 registries): White	52906	**22.6**	*0.10*	2.64	*0.02*	54829	**17.6**	*0.08*	1.98	*0.01*
USA, Alabama	4555	**27.6**	*0.42*	3.31	*0.06*	4366	**19.7**	*0.33*	2.27	*0.05*
USA, Alabama: Black	1023	**34.2**	*1.10*	4.15	*0.16*	1150	**25.6**	*0.81*	3.01	*0.12*
USA, Alabama: White	3491	**26.1**	*0.46*	3.13	*0.07*	3180	**18.1**	*0.36*	2.07	*0.05*
USA, Alaska	425	**24.3**	*1.21*	2.92	*0.19*	394	**20.8**	*1.09*	2.41	*0.17*
*USA, Alaska: American Indian	108	**45.3**	*4.45*	5.50	*0.68*	137	**48.2**	*4.24*	5.88	*0.64*
USA, Arizona	4333	**18.9**	*0.31*	2.24	*0.05*	4214	**14.9**	*0.26*	1.71	*0.04*
USA, Arizona: American Indian	70	**10.6**	*1.29*	1.01	*0.17*	79	**10.1**	*1.16*	1.19	*0.17*
USA, Arizona: Asian and Pacific Islander	49	**14.2**	*2.06*	1.54	*0.30*	40	**8.1**	*1.30*	0.89	*0.18*
USA, Arizona: Black	108	**20.6**	*2.04*	2.60	*0.32*	113	**19.6**	*1.91*	2.33	*0.28*
USA, Arizona: White	4063	**19.0**	*0.32*	2.25	*0.05*	3953	**14.9**	*0.27*	1.71	*0.04*
USA, Arkansas	2638	**24.8**	*0.50*	2.96	*0.07*	2694	**19.1**	*0.41*	2.19	*0.06*
USA, Arkansas: Black	350	**34.3**	*1.90*	4.22	*0.29*	407	**26.5**	*1.42*	2.98	*0.20*
USA, Arkansas: White	2264	**23.8**	*0.52*	2.83	*0.08*	2265	**18.1**	*0.43*	2.08	*0.06*
USA, California	24868	**21.1**	*0.14*	2.47	*0.02*	25892	**16.8**	*0.12*	1.90	*0.02*
USA, California: American Indian	84	**7.5**	*0.84*	0.91	*0.13*	93	**6.7**	*0.72*	0.74	*0.11*
USA, California: Asian and Pacific Islander	2429	**16.6**	*0.35*	1.92	*0.05*	2751	**14.6**	*0.29*	1.67	*0.04*
USA, California: Black	1877	**29.8**	*0.70*	3.62	*0.11*	2124	**24.6**	*0.56*	2.87	*0.08*
USA, California: White	20136	**20.9**	*0.16*	2.44	*0.02*	20662	**16.4**	*0.13*	1.85	*0.02*
USA, California, Los Angeles County	6527	**22.0**	*0.29*	2.61	*0.04*	7008	**17.6**	*0.23*	1.99	*0.03*
*USA, California, Los Angeles County: Asian and Pacific Islander	908	**19.4**	*0.67*	2.20	*0.10*	961	**16.0**	*0.55*	1.82	*0.08*
*USA, California, Los Angeles County: Black	850	**32.1**	*1.12*	3.93	*0.17*	1032	**26.0**	*0.86*	3.00	*0.12*
*USA, California, Los Angeles County: Chinese	267	**19.0**	*1.23*	2.25	*0.18*	288	**16.7**	*1.06*	1.77	*0.15*
*USA, California, Los Angeles County: Filipino	170	**18.5**	*1.47*	2.04	*0.21*	206	**15.2**	*1.11*	1.73	*0.16*
*USA, California, Los Angeles County: Hispanic White	1305	**17.3**	*0.50*	2.07	*0.08*	1401	**14.0**	*0.39*	1.58	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon (C18) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	182	**28.5**	*2.56*	2.99	*0.33*	193	**23.5**	*2.11*	2.63	*0.28*
*USA, California, Los Angeles County: Korean	144	**23.0**	*1.95*	2.78	*0.31*	125	**15.4**	*1.43*	1.81	*0.20*
*USA, California, Los Angeles County: Non−Hispanic White	3387	**23.1**	*0.43*	2.73	*0.07*	3569	**18.2**	*0.36*	2.05	*0.05*
*USA, California, Los Angeles County: White	4692	**21.2**	*0.33*	2.50	*0.05*	4970	**16.6**	*0.27*	1.87	*0.04*
USA, California, San Francisco Bay Area	3213	**20.7**	*0.39*	2.43	*0.06*	3641	**17.7**	*0.33*	2.00	*0.05*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	561	**17.1**	*0.76*	2.05	*0.11*	691	**16.1**	*0.67*	1.86	*0.10*
*USA, California, San Francisco Bay Area: Black	341	**28.0**	*1.56*	3.37	*0.24*	414	**23.4**	*1.25*	2.77	*0.19*
*USA, California, San Francisco Bay Area: Hispanic White	296	**21.2**	*1.30*	2.66	*0.21*	305	**15.7**	*0.96*	1.69	*0.14*
*USA, California, San Francisco Bay Area: Non−Hispanic White	1963	**20.5**	*0.49*	2.36	*0.08*	2191	**17.5**	*0.44*	1.97	*0.07*
*USA, California, San Francisco Bay Area: White	2259	**20.6**	*0.46*	2.40	*0.07*	2496	**17.2**	*0.40*	1.92	*0.06*
USA, Colorado	3085	**20.3**	*0.38*	2.34	*0.06*	3281	**17.0**	*0.32*	1.92	*0.05*
USA, Colorado: Asian and Pacific Islander	39	**15.0**	*2.46*	1.90	*0.40*	48	**11.6**	*1.74*	1.32	*0.26*
USA, Colorado: Black	117	**25.6**	*2.45*	3.15	*0.37*	109	**20.7**	*2.05*	2.42	*0.30*
USA, Colorado: White	2893	**20.1**	*0.39*	2.31	*0.06*	3084	**17.0**	*0.33*	1.90	*0.05*
USA, Connecticut	3262	**23.8**	*0.44*	2.71	*0.07*	3705	**18.9**	*0.36*	2.13	*0.05*
*USA, Connecticut: Black	215	**27.0**	*1.88*	3.45	*0.30*	272	**23.2**	*1.46*	2.72	*0.22*
*USA, Connecticut: White	2988	**23.5**	*0.46*	2.66	*0.07*	3385	**18.7**	*0.38*	2.09	*0.06*
USA, Delaware	845	**26.2**	*0.94*	3.04	*0.14*	828	**19.2**	*0.73*	2.20	*0.11*
USA, Delaware: Black	143	**35.2**	*3.00*	4.11	*0.43*	128	**23.0**	*2.12*	2.79	*0.31*
USA, Delaware: White	683	**24.7**	*1.00*	2.85	*0.14*	690	**18.5**	*0.79*	2.12	*0.12*
USA, Florida	18461	**22.8**	*0.18*	2.71	*0.03*	18612	**18.1**	*0.15*	2.09	*0.02*
USA, Florida: Asian and Pacific Islander	102	**9.5**	*0.95*	1.14	*0.15*	96	**6.9**	*0.72*	0.86	*0.11*
USA, Florida: Black	1739	**27.2**	*0.66*	3.24	*0.10*	2011	**23.0**	*0.53*	2.70	*0.08*
USA, Florida: White	16379	**22.2**	*0.19*	2.64	*0.03*	16248	**17.4**	*0.16*	2.00	*0.02*
USA, Georgia	6685	**25.1**	*0.31*	3.00	*0.05*	6801	**19.1**	*0.25*	2.22	*0.04*
USA, Georgia: Asian and Pacific Islander	57	**10.9**	*1.50*	1.33	*0.22*	65	**10.1**	*1.29*	1.37	*0.21*
USA, Georgia: Black	1816	**33.4**	*0.81*	4.13	*0.12*	2094	**25.6**	*0.58*	3.07	*0.09*
USA, Georgia: White	4783	**23.1**	*0.34*	2.74	*0.05*	4627	**17.0**	*0.27*	1.96	*0.04*
USA, Georgia, Atlanta	1749	**21.1**	*0.52*	2.48	*0.08*	1989	**18.2**	*0.44*	2.15	*0.07*
*USA, Georgia, Atlanta: Black	622	**28.6**	*1.21*	3.34	*0.18*	824	**25.4**	*0.93*	3.00	*0.14*
*USA, Georgia, Atlanta: White	1074	**18.8**	*0.59*	2.21	*0.09*	1119	**15.2**	*0.49*	1.77	*0.08*
USA, Idaho	1045	**19.8**	*0.64*	2.36	*0.10*	1068	**17.2**	*0.58*	1.99	*0.09*
USA, Illinois	11960	**27.0**	*0.26*	3.16	*0.04*	12887	**20.9**	*0.21*	2.39	*0.03*
USA, Illinois: Asian and Pacific Islander	166	**12.4**	*0.97*	1.51	*0.15*	182	**11.2**	*0.85*	1.41	*0.13*
USA, Illinois: Black	1728	**37.0**	*0.91*	4.44	*0.13*	2015	**28.9**	*0.67*	3.47	*0.10*
USA, Illinois: White	9929	**25.9**	*0.27*	3.02	*0.04*	10568	**19.6**	*0.22*	2.22	*0.03*
USA, Indiana	5761	**25.4**	*0.35*	2.99	*0.05*	6299	**20.5**	*0.29*	2.37	*0.04*
USA, Indiana: Black	404	**30.2**	*1.55*	3.48	*0.23*	537	**28.7**	*1.31*	3.41	*0.19*
USA, Indiana: White	5257	**24.9**	*0.36*	2.93	*0.05*	5664	**19.7**	*0.30*	2.27	*0.04*
USA, Iowa	3136	**25.2**	*0.48*	2.95	*0.07*	3609	**20.6**	*0.41*	2.39	*0.06*
USA, Kentucky	4260	**28.1**	*0.44*	3.34	*0.07*	4362	**21.5**	*0.36*	2.50	*0.05*
USA, Louisiana	3460	**28.9**	*0.51*	3.49	*0.08*	3339	**21.4**	*0.40*	2.52	*0.06*
*USA, Louisiana: Black	970	**35.9**	*1.18*	4.38	*0.18*	1044	**26.9**	*0.88*	3.16	*0.13*
*USA, Louisiana: White	2471	**27.2**	*0.57*	3.25	*0.08*	2272	**19.4**	*0.45*	2.31	*0.07*
*USA, Louisiana, New Orleans	658	**27.4**	*1.12*	3.33	*0.17*	628	**19.3**	*0.85*	2.28	*0.13*
*USA, Louisiana, New Orleans: Black	232	**34.2**	*2.31*	3.95	*0.34*	232	**23.4**	*1.60*	2.75	*0.24*
*USA, Louisiana, New Orleans: White	420	**25.4**	*1.32*	3.14	*0.20*	387	**17.0**	*1.00*	2.05	*0.15*
USA, Maine	1415	**24.9**	*0.70*	2.88	*0.10*	1590	**20.6**	*0.59*	2.30	*0.09*
USA, Massachusetts	6089	**24.5**	*0.33*	2.83	*0.05*	6767	**18.8**	*0.27*	2.09	*0.04*
USA, Massachusetts: Asian and Pacific Islander	96	**14.8**	*1.55*	1.71	*0.23*	114	**14.6**	*1.43*	1.68	*0.21*
USA, Massachusetts: Black	222	**23.2**	*1.60*	2.89	*0.25*	265	**19.2**	*1.22*	2.05	*0.17*
USA, Massachusetts: White	5696	**24.6**	*0.35*	2.82	*0.05*	6334	**18.8**	*0.28*	2.08	*0.04*
USA, Michigan	8823	**23.4**	*0.26*	2.70	*0.04*	9590	**19.1**	*0.22*	2.18	*0.03*
USA, Michigan: Asian and Pacific Islander	60	**12.9**	*1.69*	1.67	*0.29*	53	**9.5**	*1.34*	1.24	*0.22*
USA, Michigan: Black	1239	**34.1**	*1.01*	3.96	*0.15*	1333	**25.7**	*0.75*	3.06	*0.11*
USA, Michigan: White	7376	**22.0**	*0.27*	2.53	*0.04*	8069	**18.0**	*0.23*	2.03	*0.03*
USA, Michigan, Detroit	3589	**24.9**	*0.44*	2.89	*0.07*	4019	**20.4**	*0.36*	2.38	*0.05*
*USA, Michigan, Detroit: Black	938	**35.1**	*1.19*	4.05	*0.18*	1043	**26.4**	*0.87*	3.16	*0.13*
*USA, Michigan, Detroit: White	2597	**22.7**	*0.47*	2.63	*0.07*	2914	**18.6**	*0.40*	2.14	*0.06*
USA, Mississippi	2804	**29.1**	*0.57*	3.52	*0.08*	2933	**22.7**	*0.46*	2.70	*0.07*
USA, Missouri	5623	**25.3**	*0.35*	2.95	*0.05*	6010	**19.6**	*0.29*	2.21	*0.04*
USA, Missouri: Black	545	**34.6**	*1.52*	4.07	*0.23*	605	**25.0**	*1.08*	2.81	*0.15*
USA, Missouri: White	5006	**24.6**	*0.37*	2.85	*0.05*	5340	**19.0**	*0.30*	2.15	*0.04*
USA, Montana	819	**20.6**	*0.75*	2.50	*0.12*	865	**18.0**	*0.69*	2.09	*0.10*
USA, Montana: American Indian	41	**32.4**	*5.16*	3.60	*0.71*	35	**23.0**	*3.96*	2.87	*0.62*
USA, Nebraska	1781	**26.4**	*0.67*	3.11	*0.10*	1980	**20.8**	*0.55*	2.40	*0.08*
USA, Nebraska: Black	48	**30.4**	*4.49*	3.57	*0.69*	60	**26.8**	*3.68*	3.09	*0.59*
USA, Nebraska: White	1705	**26.2**	*0.68*	3.09	*0.10*	1892	**20.5**	*0.56*	2.36	*0.08*
USA, New Hampshire	1111	**22.6**	*0.71*	2.60	*0.11*	1216	**18.5**	*0.59*	2.13	*0.09*
USA, New Jersey	8250	**25.1**	*0.29*	2.87	*0.04*	9128	**19.5**	*0.23*	2.13	*0.03*
*USA, New Jersey: Black	907	**29.0**	*0.98*	3.35	*0.14*	1148	**24.8**	*0.76*	2.87	*0.11*
*USA, New Jersey: White	7057	**25.0**	*0.32*	2.86	*0.05*	7666	**18.9**	*0.25*	2.04	*0.04*
USA, New Mexico	1427	**20.4**	*0.56*	2.48	*0.08*	1385	**15.9**	*0.47*	1.81	*0.07*
*USA, New Mexico: Hispanic White	448	**20.5**	*1.00*	2.57	*0.15*	420	**15.6**	*0.81*	1.82	*0.12*
*USA, New Mexico: Non−Hispanic White	885	**20.8**	*0.75*	2.52	*0.11*	866	**16.5**	*0.64*	1.86	*0.09*
*USA, New Mexico: White	1333	**20.7**	*0.59*	2.54	*0.09*	1286	**16.2**	*0.50*	1.84	*0.07*
USA, New York State	17490	**24.1**	*0.19*	2.75	*0.03*	19723	**19.3**	*0.16*	2.16	*0.02*
USA, New York State: Asian and Pacific Islander	567	**15.4**	*0.66*	1.83	*0.10*	546	**12.7**	*0.56*	1.47	*0.08*
USA, New York State: Black	2320	**27.2**	*0.58*	3.15	*0.08*	2947	**21.8**	*0.42*	2.55	*0.06*
USA, New York State: White	14302	**23.7**	*0.21*	2.69	*0.03*	15954	**18.7**	*0.17*	2.08	*0.03*
USA, North Carolina	7563	**25.0**	*0.30*	2.96	*0.04*	7700	**19.1**	*0.24*	2.21	*0.03*
USA, North Carolina: American Indian	45	**15.6**	*2.37*	1.92	*0.35*	39	**10.7**	*1.75*	1.34	*0.28*
USA, North Carolina: Asian and Pacific Islander	19	**6.5**	*1.54*	0.89	*0.25*	34	**8.8**	*1.56*	1.09	*0.25*
USA, North Carolina: Black	1519	**32.3**	*0.85*	3.88	*0.13*	1773	**25.6**	*0.64*	3.09	*0.09*
USA, North Carolina: White	5939	**23.7**	*0.32*	2.79	*0.05*	5788	**17.5**	*0.25*	2.00	*0.04*
USA, North Dakota	741	**27.5**	*1.10*	3.31	*0.17*	672	**18.8**	*0.87*	2.16	*0.13*
USA, Ohio	10895	**24.6**	*0.25*	2.85	*0.04*	11985	**19.8**	*0.20*	2.25	*0.03*
USA, Ohio: Asian and Pacific Islander	37	**9.4**	*1.56*	1.18	*0.23*	44	**8.5**	*1.30*	0.86	*0.18*
USA, Ohio: Black	1116	**31.3**	*0.97*	3.74	*0.14*	1268	**24.5**	*0.74*	2.82	*0.10*
USA, Ohio: White	9580	**23.8**	*0.26*	2.74	*0.04*	10452	**18.9**	*0.21*	2.15	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon (C18) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	3314	**24.6**	*0.45*	2.82	*0.06*	3449	**20.0**	*0.38*	2.29	*0.05*
USA, Oklahoma: American Indian	268	**34.6**	*2.15*	4.21	*0.33*	282	**28.9**	*1.80*	3.40	*0.26*
USA, Oklahoma: Black	203	**31.9**	*2.30*	3.82	*0.35*	244	**27.4**	*1.85*	3.10	*0.27*
USA, Oklahoma: White	2806	**23.4**	*0.47*	2.65	*0.07*	2885	**18.7**	*0.40*	2.14	*0.06*
USA, Oregon	3043	**20.8**	*0.40*	2.43	*0.06*	3249	**17.5**	*0.35*	2.04	*0.05*
USA, Oregon: Asian and Pacific Islander	36	**11.4**	*1.96*	1.33	*0.29*	52	**10.9**	*1.59*	1.23	*0.25*
USA, Oregon: Black	40	**22.9**	*3.76*	2.65	*0.58*	37	**21.8**	*3.73*	2.81	*0.57*
USA, Oregon: White	2866	**20.5**	*0.40*	2.39	*0.06*	3060	**17.2**	*0.35*	2.00	*0.05*
USA, Pennsylvania	13610	**25.7**	*0.24*	2.99	*0.04*	15467	**20.4**	*0.19*	2.32	*0.03*
USA, Pennsylvania: Asian and Pacific Islander	71	**11.2**	*1.35*	1.41	*0.21*	82	**10.4**	*1.18*	1.27	*0.19*
USA, Pennsylvania: Black	1079	**31.7**	*1.00*	3.69	*0.15*	1286	**25.1**	*0.75*	2.99	*0.11*
USA, Pennsylvania: White	12318	**25.2**	*0.24*	2.92	*0.04*	13955	**19.9**	*0.20*	2.24	*0.03*
USA, Rhode Island	1037	**24.2**	*0.81*	2.75	*0.12*	1204	**19.2**	*0.66*	2.14	*0.10*
USA, Rhode Island: Black	28	**20.5**	*4.05*	2.14	*0.55*	40	**23.1**	*3.80*	2.46	*0.50*
USA, Rhode Island: White	992	**24.4**	*0.84*	2.80	*0.13*	1142	**19.1**	*0.68*	2.15	*0.10*
USA, South Carolina	4036	**26.4**	*0.43*	3.15	*0.06*	4081	**20.4**	*0.35*	2.35	*0.05*
USA, South Carolina: Black	1083	**34.1**	*1.06*	4.09	*0.16*	1207	**25.7**	*0.78*	2.97	*0.11*
USA, South Carolina: White	2908	**24.3**	*0.47*	2.89	*0.07*	2835	**18.6**	*0.38*	2.14	*0.05*
USA, South Dakota	757	**22.9**	*0.90*	2.59	*0.13*	834	**18.4**	*0.76*	2.15	*0.12*
USA, Tennessee	5434	**25.1**	*0.35*	2.94	*0.05*	5654	**19.8**	*0.29*	2.31	*0.04*
USA, Tennessee: Black	729	**31.9**	*1.22*	3.64	*0.17*	893	**26.5**	*0.94*	3.10	*0.14*
USA, Tennessee: White	4658	**24.2**	*0.37*	2.86	*0.05*	4710	**18.8**	*0.30*	2.19	*0.04*
USA, Texas	16606	**24.0**	*0.19*	2.84	*0.03*	15874	**17.9**	*0.15*	2.07	*0.02*
USA, Texas: Asian and Pacific Islander	187	**10.6**	*0.80*	1.19	*0.12*	215	**10.0**	*0.70*	1.10	*0.10*
USA, Texas: Black	2096	**34.9**	*0.78*	4.15	*0.12*	2246	**26.7**	*0.59*	3.17	*0.09*
USA, Texas: White	14053	**22.9**	*0.20*	2.71	*0.03*	13171	**16.9**	*0.16*	1.95	*0.02*
USA, Utah	1298	**18.9**	*0.55*	2.30	*0.08*	1192	**14.3**	*0.45*	1.64	*0.07*
USA, Vermont	470	**18.8**	*0.91*	2.25	*0.14*	612	**18.5**	*0.84*	2.01	*0.12*
USA, Virginia	6086	**23.6**	*0.31*	2.77	*0.05*	6447	**18.8**	*0.26*	2.20	*0.04*
USA, Virginia: Asian and Pacific Islander	92	**11.1**	*1.18*	1.16	*0.16*	116	**10.6**	*1.00*	1.24	*0.15*
USA, Virginia: Black	1209	**31.6**	*0.93*	3.81	*0.14*	1370	**25.1**	*0.72*	3.04	*0.11*
USA, Virginia: White	4684	**22.2**	*0.34*	2.59	*0.05*	4888	**17.6**	*0.28*	2.03	*0.04*
USA, Washington State	4683	**20.4**	*0.31*	2.38	*0.05*	4838	**16.4**	*0.26*	1.85	*0.04*
USA, Washington, Seattle	3229	**20.7**	*0.38*	2.39	*0.06*	3366	**16.8**	*0.32*	1.90	*0.05*
USA, West Virginia	2175	**27.7**	*0.62*	3.24	*0.09*	2213	**21.4**	*0.52*	2.48	*0.07*
USA, Wisconsin	4848	**22.4**	*0.34*	2.57	*0.05*	5342	**18.1**	*0.29*	2.03	*0.04*
USA, Wisconsin: Black	199	**32.8**	*2.42*	3.86	*0.35*	216	**25.6**	*1.80*	2.91	*0.26*
USA, Wisconsin: White	4534	**21.8**	*0.34*	2.50	*0.05*	5003	**17.5**	*0.29*	1.97	*0.04*
USA, Wyoming	427	**21.6**	*1.09*	2.48	*0.16*	422	**19.2**	*1.02*	2.40	*0.16*
Asia										
Bahrain: Bahraini	61	**8.8**	*1.16*	1.15	*0.18*	62	**7.8**	*1.02*	0.83	*0.13*
China, Beijing City	3265	**10.5**	*0.19*	1.25	*0.03*	2874	**9.0**	*0.18*	1.08	*0.02*
*China, Cixian County	47	**4.1**	*0.66*	0.44	*0.08*	66	**4.7**	*0.61*	0.55	*0.08*
China, Haining County	182	**8.5**	*0.66*	1.00	*0.09*	169	**7.2**	*0.58*	0.92	*0.08*
*China, Harbin City, Nangang District	367	**12.5**	*0.67*	1.56	*0.10*	297	**9.4**	*0.56*	1.17	*0.08*
China, Hong Kong	6074	**23.0**	*0.31*	2.63	*0.04*	5107	**16.8**	*0.26*	1.94	*0.04*
China, Jiashan County	195	**12.9**	*0.95*	1.69	*0.14*	175	**11.2**	*0.89*	1.35	*0.12*
China, Jiaxing City	170	**15.0**	*1.20*	1.74	*0.16*	151	**12.9**	*1.09*	1.60	*0.15*
China, Macao	228	**18.6**	*1.29*	2.20	*0.20*	255	**16.5**	*1.14*	1.90	*0.18*
China, Qidong County	230	**5.2**	*0.36*	0.61	*0.05*	216	**4.3**	*0.31*	0.50	*0.04*
*China, Shanghai City	4738	**16.0**	*0.25*	1.89	*0.04*	4952	**14.8**	*0.23*	1.79	*0.03*
*China, Wuhan City	1407	**9.8**	*0.27*	1.19	*0.04*	1334	**9.1**	*0.26*	1.17	*0.04*
*China, Yangcheng County	46	**4.9**	*0.76*	0.60	*0.11*	45	**4.8**	*0.74*	0.57	*0.10*
*China, Yanting County	29	**1.7**	*0.32*	0.24	*0.05*	22	**1.2**	*0.26*	0.12	*0.03*
*China, Zhongshan City	369	**13.5**	*0.72*	1.67	*0.10*	285	**9.2**	*0.57*	1.07	*0.08*
*India, Bangalore	302	**4.1**	*0.24*	0.46	*0.03*	244	**3.4**	*0.23*	0.40	*0.03*
*India; Barshi, Paranda, and Bhum	12	**1.1**	*0.33*	0.10	*0.03*	3	**0.3**	*0.18*	0.04	*0.02*
*India, Bhopal	54	**2.3**	*0.33*	0.31	*0.05*	32	**1.6**	*0.28*	0.20	*0.04*
*India, Chennai	277	**2.7**	*0.17*	0.32	*0.02*	228	**2.2**	*0.15*	0.26	*0.02*
*India, Dindigul, Ambilikkai	28	**0.6**	*0.11*	0.06	*0.01*	23	**0.5**	*0.10*	0.05	*0.01*
*India, Karunagappally	26	**2.4**	*0.48*	0.28	*0.06*	28	**2.2**	*0.43*	0.30	*0.06*
*India, Mizoram	45	**2.8**	*0.43*	0.29	*0.06*	40	**2.5**	*0.40*	0.21	*0.04*
*India, Mumbai	859	**3.4**	*0.12*	0.38	*0.02*	550	**2.3**	*0.10*	0.26	*0.01*
*India, New Delhi	710	**2.7**	*0.11*	0.33	*0.02*	448	**1.9**	*0.09*	0.23	*0.01*
*India, Poona	223	**3.1**	*0.21*	0.36	*0.03*	165	**2.2**	*0.17*	0.23	*0.02*
*India, Sikkim State	11	**1.1**	*0.34*	0.11	*0.04*	11	**1.5**	*0.46*	0.20	*0.07*
*India, Trivandrum	62	**3.8**	*0.49*	0.45	*0.07*	39	**2.1**	*0.34*	0.25	*0.05*
*Iran (Islamic Republic of), Golestan Province	163	**9.9**	*0.82*	1.13	*0.11*	128	**7.7**	*0.72*	0.94	*0.10*
Israel	5724	**28.2**	*0.39*	3.25	*0.06*	5652	**22.4**	*0.33*	2.57	*0.05*
*Israel: Jews	5435	**29.2**	*0.42*	3.37	*0.06*	5341	**22.9**	*0.35*	2.63	*0.05*
*Israel: Non–Jews	289	**17.1**	*1.03*	2.14	*0.16*	311	**16.5**	*0.95*	1.89	*0.14*
Japan, Aichi Prefecture	1398	**22.3**	*0.61*	2.65	*0.09*	1154	**16.4**	*0.53*	1.91	*0.07*
Japan, Fukui Prefecture	1169	**24.8**	*0.80*	3.00	*0.11*	1053	**17.1**	*0.64*	2.00	*0.09*
Japan, Hiroshima	1963	**36.8**	*0.87*	4.50	*0.13*	1676	**24.1**	*0.67*	2.81	*0.09*
Japan, Miyagi Prefecture	4633	**37.9**	*0.60*	4.73	*0.09*	3800	**24.0**	*0.46*	2.78	*0.06*
Japan, Nagasaki Prefecture	2523	**29.8**	*0.65*	3.65	*0.09*	2367	**19.7**	*0.51*	2.22	*0.07*
Japan, Niigata Prefecture	4546	**32.0**	*0.52*	3.89	*0.07*	3926	**20.9**	*0.41*	2.47	*0.06*
*Japan, Osaka Prefecture	9437	**20.5**	*0.22*	2.38	*0.03*	8442	**14.4**	*0.18*	1.62	*0.02*
Japan, Saga Prefecture	1091	**22.4**	*0.74*	2.65	*0.11*	1006	**14.0**	*0.55*	1.55	*0.07*
Republic of Korea	27218	**21.2**	*0.13*	2.63	*0.02*	20732	**12.4**	*0.09*	1.49	*0.01*
Republic of Korea, Busan	1897	**19.4**	*0.47*	2.30	*0.07*	1465	**11.5**	*0.30*	1.35	*0.04*
Republic of Korea, Daegu	1351	**21.9**	*0.62*	2.72	*0.09*	995	**12.1**	*0.39*	1.41	*0.06*
Republic of Korea, Daejeon	769	**24.0**	*0.89*	3.06	*0.14*	539	**12.9**	*0.57*	1.56	*0.08*
Republic of Korea, Gwangju	728	**23.2**	*0.88*	3.06	*0.14*	547	**12.8**	*0.56*	1.57	*0.08*
Republic of Korea, Incheon	1281	**21.5**	*0.62*	2.64	*0.09*	990	**13.2**	*0.43*	1.55	*0.06*
Republic of Korea, Jejudo	247	**20.6**	*1.34*	2.62	*0.19*	172	**10.3**	*0.82*	1.21	*0.11*
Republic of Korea, Seoul	6209	**24.8**	*0.33*	3.09	*0.05*	4519	**14.4**	*0.22*	1.73	*0.03*
Republic of Korea, Ulsan	459	**20.4**	*1.04*	2.60	*0.16*	362	**13.3**	*0.73*	1.50	*0.10*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon (C18) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	281	**6.9**	*0.54*	0.92	*0.09*	201	**7.9**	*0.63*	1.05	*0.11*
*Kuwait: Kuwaitis	128	**11.2**	*1.02*	1.45	*0.15*	130	**9.2**	*0.84*	1.17	*0.13*
*Kuwait: Non−Kuwaitis	153	**5.3**	*0.78*	0.66	*0.11*	71	**7.2**	*1.09*	0.95	*0.18*
*Malaysia, Penang	317	**14.8**	*0.85*	1.77	*0.13*	313	**11.8**	*0.67*	1.37	*0.10*
*Malaysia, Penang: Chinese	241	**18.2**	*1.18*	2.21	*0.18*	247	**15.2**	*0.98*	1.73	*0.14*
*Malaysia, Penang: Indian	26	**13.1**	*2.75*	1.48	*0.42*	17	**6.4**	*1.61*	0.68	*0.21*
*Malaysia, Penang: Malay	48	**7.1**	*1.07*	0.76	*0.15*	48	**5.4**	*0.80*	0.73	*0.13*
*Philippines, Manila	1245	**17.2**	*0.53*	1.96	*0.08*	1259	**13.4**	*0.39*	1.56	*0.06*
*Philippines, Rizal	1184	**15.4**	*0.48*	1.76	*0.07*	1130	**11.6**	*0.36*	1.31	*0.05*
Qatar: Qatari	32	**13.6**	*2.57*	1.67	*0.35*	26	**9.1**	*1.89*	1.06	*0.24*
*Saudi Arabia, Riyadh: Saudi	322	**6.9**	*0.40*	0.85	*0.06*	292	**6.3**	*0.39*	0.71	*0.05*
Singapore	2184	**22.9**	*0.50*	2.69	*0.07*	2229	**19.0**	*0.41*	2.09	*0.06*
Singapore: Chinese	1957	**25.6**	*0.59*	3.01	*0.09*	2029	**20.7**	*0.47*	2.29	*0.07*
Singapore: Indian	55	**7.8**	*1.10*	0.96	*0.17*	48	**6.8**	*1.01*	0.72	*0.15*
Singapore: Malay	145	**14.5**	*1.27*	1.57	*0.18*	136	**12.2**	*1.09*	1.45	*0.15*
Thailand, Bangkok	1885	**14.6**	*0.34*	1.69	*0.05*	1719	**9.7**	*0.24*	1.09	*0.03*
Thailand, Chiang Mai	318	**7.1**	*0.41*	0.83	*0.06*	271	**5.6**	*0.36*	0.64	*0.05*
Thailand, Chonburi	260	**10.1**	*0.64*	1.15	*0.09*	226	**7.6**	*0.52*	0.92	*0.08*
*Thailand, Khon Kaen	238	**5.7**	*0.38*	0.69	*0.06*	243	**5.0**	*0.32*	0.53	*0.04*
Thailand, Lampang	221	**9.0**	*0.61*	1.09	*0.09*	178	**6.4**	*0.49*	0.77	*0.07*
*Thailand, Songkhla	186	**7.4**	*0.55*	0.93	*0.08*	160	**5.4**	*0.44*	0.61	*0.06*
*Turkey, Antalya	335	**9.2**	*0.51*	1.08	*0.07*	282	**7.5**	*0.45*	0.83	*0.06*
*Turkey, Edirne	92	**9.2**	*0.97*	1.10	*0.14*	77	**6.7**	*0.79*	0.87	*0.12*
*Turkey, Izmir	1161	**12.5**	*0.37*	1.54	*0.05*	846	**7.9**	*0.28*	0.91	*0.04*
*Turkey, Trabzon	128	**11.5**	*1.03*	1.32	*0.14*	91	**6.7**	*0.72*	0.68	*0.09*
Europe										
Austria	8391	**23.3**	*0.26*	2.72	*0.04*	7473	**14.3**	*0.19*	1.59	*0.03*
Austria, Tyrol	639	**22.7**	*0.93*	2.58	*0.13*	563	**14.9**	*0.71*	1.65	*0.10*
Austria, Vorarlberg	285	**21.0**	*1.27*	2.40	*0.18*	255	**13.7**	*0.95*	1.48	*0.13*
*Belarus	4326	**14.3**	*0.23*	1.79	*0.03*	5459	**10.8**	*0.16*	1.35	*0.02*
*Belgium	10556	**26.9**	*0.28*	3.10	*0.04*	9764	**18.9**	*0.23*	2.14	*0.03*
Bulgaria	6573	**18.8**	*0.24*	2.34	*0.04*	5764	**13.3**	*0.19*	1.64	*0.03*
Croatia	4276	**23.2**	*0.37*	2.80	*0.05*	3539	**13.6**	*0.26*	1.54	*0.03*
Cyprus	534	**18.8**	*0.85*	2.20	*0.13*	480	**14.7**	*0.71*	1.63	*0.10*
Czech Republic	12644	**31.1**	*0.29*	3.75	*0.04*	9844	**17.2**	*0.19*	2.00	*0.03*
Denmark	5984	**24.2**	*0.33*	2.89	*0.05*	6379	**20.2**	*0.28*	2.36	*0.04*
*Estonia	903	**18.5**	*0.63*	2.31	*0.09*	1196	**13.7**	*0.45*	1.65	*0.06*
Finland	3551	**15.6**	*0.27*	1.80	*0.04*	3911	**12.5**	*0.23*	1.37	*0.03*
*France, Bas−Rhin	1070	**25.4**	*0.81*	2.95	*0.12*	895	**15.2**	*0.59*	1.70	*0.08*
*France, Calvados	585	**20.4**	*0.91*	2.37	*0.13*	515	**12.3**	*0.65*	1.35	*0.09*
*France, Doubs	493	**21.7**	*1.04*	2.45	*0.15*	430	**14.5**	*0.82*	1.64	*0.12*
*France, Haut−Rhin	828	**27.3**	*0.99*	3.30	*0.15*	666	**16.2**	*0.72*	1.87	*0.10*
*France, Hérault	1133	**24.6**	*0.79*	2.90	*0.11*	941	**15.0**	*0.58*	1.65	*0.08*
*France, Isère	1054	**22.1**	*0.71*	2.55	*0.11*	918	**14.4**	*0.55*	1.57	*0.08*
*France, Loire−Atlantique	1109	**22.1**	*0.71*	2.58	*0.10*	1112	**15.6**	*0.55*	1.76	*0.08*
*France, Manche	485	**18.5**	*0.93*	2.11	*0.13*	421	**11.5**	*0.71*	1.21	*0.09*
*France, Somme	554	**22.7**	*1.04*	2.66	*0.15*	472	**14.5**	*0.79*	1.70	*0.11*
*France, Tarn	429	**17.8**	*0.97*	1.96	*0.14*	398	**13.1**	*0.83*	1.40	*0.11*
*France, Vendée	708	**23.5**	*0.96*	2.79	*0.14*	598	**14.7**	*0.73*	1.66	*0.10*
Germany, Brandenburg	3154	**25.3**	*0.47*	3.04	*0.07*	2906	**16.4**	*0.35*	1.84	*0.05*
Germany, Bremen	841	**24.5**	*0.88*	2.92	*0.13*	1012	**19.2**	*0.73*	2.09	*0.10*
Germany, Free State of Saxony	5607	**24.4**	*0.34*	2.93	*0.05*	5573	**16.0**	*0.26*	1.79	*0.04*
Germany, Hamburg	1753	**21.1**	*0.52*	2.33	*0.07*	2125	**16.8**	*0.43*	1.83	*0.06*
Germany, Mecklenburg−Western Pomerania	2010	**25.1**	*0.58*	2.96	*0.08*	1858	**16.2**	*0.42*	1.86	*0.06*
Germany, Munich	4897	**26.7**	*0.40*	3.13	*0.06*	4617	**18.1**	*0.31*	2.00	*0.04*
Germany, North Rhine−Westphalia	3355	**26.9**	*0.49*	3.16	*0.07*	3688	**20.4**	*0.40*	2.25	*0.06*
Germany, Saarland	1593	**28.9**	*0.76*	3.38	*0.11*	1502	**19.4**	*0.59*	2.18	*0.08*
Germany, Schleswig−Holstein	3667	**25.1**	*0.43*	2.92	*0.06*	4034	**19.9**	*0.37*	2.24	*0.05*
Iceland	269	**24.1**	*1.55*	2.84	*0.24*	216	**17.1**	*1.28*	2.03	*0.19*
Ireland	3656	**25.8**	*0.44*	3.08	*0.07*	3124	**18.4**	*0.36*	2.17	*0.05*
Italy, Biella	307	**28.9**	*1.81*	3.55	*0.25*	284	**19.0**	*1.41*	2.16	*0.18*
Italy, Brescia	1046	**26.8**	*0.86*	3.22	*0.13*	996	**18.9**	*0.69*	2.23	*0.10*
Italy, Catania and Messina	1046	**21.8**	*0.73*	2.57	*0.10*	924	**15.4**	*0.58*	1.83	*0.08*
Italy, Catanzaro	257	**21.1**	*1.43*	2.50	*0.21*	207	**15.4**	*1.23*	1.80	*0.17*
Italy, Como	814	**30.2**	*1.10*	3.70	*0.16*	738	**20.4**	*0.86*	2.45	*0.12*
Italy, Ferrara	882	**39.8**	*1.48*	4.68	*0.21*	704	**24.4**	*1.15*	2.80	*0.15*
Italy, Florence and Prato	1166	**28.0**	*0.90*	3.27	*0.13*	1064	**19.8**	*0.74*	2.19	*0.10*
Italy, Friuli−Venezia Giulia	2209	**32.3**	*0.73*	3.91	*0.11*	1833	**19.3**	*0.55*	2.24	*0.08*
Italy, Genoa	1375	**30.2**	*0.90*	3.69	*0.13*	1264	**19.8**	*0.70*	2.29	*0.09*
Italy, Latina	525	**22.1**	*1.02*	2.65	*0.14*	422	**14.8**	*0.80*	1.78	*0.11*
Italy, Lecco	578	**37.2**	*1.61*	4.46	*0.23*	438	**21.1**	*1.17*	2.46	*0.16*
Italy, Lombardy, South	693	**30.0**	*1.21*	3.64	*0.17*	673	**21.4**	*0.99*	2.53	*0.13*
Italy, Mantua	439	**34.8**	*1.78*	4.21	*0.26*	367	**21.9**	*1.36*	2.66	*0.19*
Italy, Milan	1779	**30.5**	*0.78*	3.62	*0.11*	1622	**18.9**	*0.57*	2.20	*0.08*
Italy, Modena	1233	**35.4**	*1.09*	4.34	*0.16*	1024	**23.8**	*0.87*	2.89	*0.12*
Italy, Naples	404	**23.1**	*1.17*	2.77	*0.16*	347	**15.5**	*0.89*	1.73	*0.12*
Italy, Nuoro	271	**22.7**	*1.48*	2.74	*0.21*	193	**13.6**	*1.12*	1.61	*0.15*
Italy, Palermo	1011	**22.4**	*0.75*	2.79	*0.11*	952	**16.5**	*0.61*	1.94	*0.09*
Italy, Parma	811	**34.0**	*1.31*	4.16	*0.19*	655	**21.4**	*1.05*	2.54	*0.14*
Italy, Ragusa	311	**20.6**	*1.29*	2.27	*0.18*	277	**16.1**	*1.11*	1.83	*0.15*
Italy, Reggio Emilia	748	**30.3**	*1.20*	3.76	*0.17*	671	**21.2**	*0.98*	2.49	*0.13*
Italy, Romagna	2285	**36.0**	*0.83*	4.32	*0.12*	1862	**23.4**	*0.66*	2.73	*0.09*
Italy, Salerno	1084	**21.7**	*0.71*	2.59	*0.10*	885	**14.3**	*0.56*	1.66	*0.08*
Italy, Sassari	493	**22.6**	*1.07*	2.74	*0.16*	446	**17.4**	*0.91*	2.08	*0.13*
Italy, Sondrio	248	**30.1**	*1.98*	3.51	*0.27*	200	**19.8**	*1.61*	2.31	*0.21*
Italy, South Tyrol	512	**30.2**	*1.40*	3.53	*0.20*	390	**16.4**	*0.96*	1.90	*0.14*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon (C18) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	378	**20.3**	*1.11*	2.52	*0.16*	368	**16.4**	*0.95*	1.94	*0.13*
Italy, Trapani	310	**18.4**	*1.14*	2.36	*0.17*	296	**14.8**	*0.99*	1.77	*0.13*
Italy, Trento	428	**22.4**	*1.14*	2.79	*0.17*	377	**13.9**	*0.84*	1.71	*0.13*
Italy, Turin	1587	**29.5**	*0.80*	3.48	*0.12*	1407	**19.3**	*0.62*	2.19	*0.08*
Italy, Umbria	1560	**30.4**	*0.86*	3.69	*0.12*	1336	**21.0**	*0.71*	2.48	*0.10*
Italy, Varese	1317	**32.1**	*0.92*	3.98	*0.13*	1126	**20.8**	*0.71*	2.50	*0.10*
Italy, Veneto	2919	**31.7**	*0.62*	3.81	*0.09*	2475	**20.4**	*0.48*	2.37	*0.07*
Latvia	1047	**16.1**	*0.51*	1.98	*0.08*	1391	**11.9**	*0.35*	1.41	*0.05*
Lithuania	1820	**15.5**	*0.37*	1.89	*0.05*	2107	**10.8**	*0.26*	1.29	*0.04*
Malta	325	**20.2**	*1.15*	2.32	*0.16*	280	**14.6**	*0.93*	1.71	*0.13*
*The Netherlands	17780	**25.9**	*0.20*	3.06	*0.03*	17819	**20.3**	*0.17*	2.39	*0.03*
*The Netherlands, Eindhoven	1194	**27.5**	*0.82*	3.20	*0.12*	1190	**22.3**	*0.70*	2.67	*0.10*
Norway	5282	**25.7**	*0.38*	3.00	*0.06*	6119	**23.5**	*0.35*	2.76	*0.05*
Poland, Cracow	493	**22.0**	*1.02*	2.77	*0.15*	436	**13.4**	*0.70*	1.60	*0.10*
Poland, Kielce	735	**15.5**	*0.60*	1.94	*0.09*	677	**9.9**	*0.43*	1.16	*0.06*
Poland, Lower Silesia	1871	**18.8**	*0.45*	2.27	*0.07*	1762	**11.8**	*0.31*	1.45	*0.04*
Poland, Podkarpackie	1045	**15.2**	*0.49*	1.87	*0.07*	939	**9.6**	*0.35*	1.10	*0.05*
Portugal, Azores	166	**20.9**	*1.69*	2.44	*0.24*	145	**14.4**	*1.31*	1.69	*0.18*
Russian Federation, Saint Petersburg	3115	**20.6**	*0.38*	2.55	*0.06*	5229	**17.5**	*0.27*	2.10	*0.04*
*Serbia, Central	3627	**15.1**	*0.26*	1.94	*0.04*	2845	**10.0**	*0.21*	1.23	*0.03*
Slovakia	5103	**29.9**	*0.43*	3.70	*0.07*	4205	**16.7**	*0.28*	2.01	*0.04*
Slovenia	1950	**24.4**	*0.56*	3.01	*0.08*	1636	**14.4**	*0.40*	1.71	*0.06*
Spain, Albacete	380	**20.6**	*1.18*	2.38	*0.17*	273	**11.7**	*0.85*	1.27	*0.12*
Spain, Asturias	1705	**27.8**	*0.75*	3.34	*0.11*	1177	**14.6**	*0.53*	1.63	*0.07*
Spain, Basque Country	3304	**31.3**	*0.58*	3.77	*0.08*	2096	**15.2**	*0.39*	1.73	*0.05*
Spain, Canary Islands	1037	**21.8**	*0.70*	2.56	*0.10*	827	**14.3**	*0.54*	1.63	*0.07*
Spain, Ciudad Real	467	**23.4**	*1.24*	2.67	*0.17*	394	**16.0**	*0.98*	1.85	*0.13*
Spain, Cuenca	252	**19.4**	*1.48*	2.29	*0.21*	169	**10.2**	*1.07*	1.06	*0.13*
Spain, Girona	973	**32.7**	*1.13*	3.90	*0.17*	664	**18.5**	*0.84*	2.08	*0.11*
*Spain, Granada	787	**21.7**	*0.83*	2.74	*0.12*	617	**13.9**	*0.64*	1.62	*0.09*
Spain, La Rioja	380	**24.4**	*1.38*	2.89	*0.20*	299	**15.6**	*1.10*	1.85	*0.15*
Spain, Mallorca	823	**25.7**	*0.94*	3.14	*0.14*	652	**16.6**	*0.74*	1.93	*0.10*
Spain, Murcia	1445	**28.1**	*0.79*	3.36	*0.11*	1184	**18.7**	*0.61*	2.19	*0.09*
Spain, Navarra	787	**26.8**	*1.04*	3.20	*0.15*	551	**15.8**	*0.80*	1.75	*0.11*
Spain, Tarragona	1039	**31.9**	*1.07*	3.73	*0.15*	753	**20.2**	*0.85*	2.37	*0.12*
*Sweden	8594	**18.2**	*0.21*	2.14	*0.03*	9106	**16.0**	*0.20*	1.91	*0.03*
Switzerland, Basel	451	**20.5**	*1.04*	2.34	*0.15*	400	**13.2**	*0.78*	1.45	*0.11*
Switzerland, Geneva	396	**21.8**	*1.14*	2.56	*0.17*	406	**15.1**	*0.86*	1.54	*0.12*
Switzerland, Graubünden and Glarus	222	**21.1**	*1.49*	2.51	*0.22*	190	**13.0**	*1.10*	1.43	*0.16*
Switzerland, Neuchâtel	157	**20.3**	*1.73*	2.27	*0.24*	154	**13.8**	*1.31*	1.74	*0.20*
Switzerland, St Gall−Appenzell	492	**21.2**	*1.00*	2.66	*0.16*	381	**12.4**	*0.73*	1.35	*0.10*
Switzerland, Ticino	411	**25.1**	*1.30*	2.94	*0.19*	366	**16.7**	*1.03*	1.91	*0.14*
Switzerland, Valais	277	**21.5**	*1.35*	2.62	*0.20*	208	**12.3**	*0.96*	1.45	*0.14*
Switzerland, Vaud	611	**21.7**	*0.92*	2.51	*0.14*	567	**14.4**	*0.70*	1.57	*0.10*
Switzerland, Zurich	1114	**19.2**	*0.60*	2.17	*0.09*	1097	**14.6**	*0.50*	1.68	*0.07*
Ukraine	22694	**14.2**	*0.10*	1.80	*0.01*	26750	**10.5**	*0.07*	1.33	*0.01*
UK, England	47611	**20.3**	*0.10*	2.34	*0.01*	45457	**15.0**	*0.08*	1.71	*0.01*
UK, England, East of England Region	5262	**19.2**	*0.28*	2.22	*0.04*	5227	**14.9**	*0.24*	1.70	*0.03*
UK, England, North Western	6482	**21.7**	*0.28*	2.49	*0.04*	5851	**15.0**	*0.23*	1.71	*0.03*
UK, England, Northern and Yorkshire	6777	**21.3**	*0.27*	2.46	*0.04*	6208	**14.9**	*0.22*	1.71	*0.03*
UK, England, Oxford Region	2361	**19.9**	*0.43*	2.28	*0.06*	2288	**15.4**	*0.36*	1.77	*0.05*
UK, England, South and Western Regions	7677	**20.8**	*0.26*	2.39	*0.04*	7726	**16.3**	*0.22*	1.85	*0.03*
UK, England, Thames	8770	**18.3**	*0.21*	2.11	*0.03*	9015	**14.2**	*0.17*	1.59	*0.03*
UK, England, Trent	3064	**21.0**	*0.40*	2.47	*0.06*	2668	**14.9**	*0.33*	1.68	*0.05*
UK, England, West Midlands	5404	**21.4**	*0.31*	2.49	*0.05*	4850	**15.3**	*0.25*	1.74	*0.04*
UK, Northern Ireland	1713	**25.2**	*0.63*	3.00	*0.10*	1584	**18.2**	*0.51*	2.17	*0.08*
UK, Scotland	5835	**24.9**	*0.34*	2.85	*0.05*	5552	**17.6**	*0.27*	2.00	*0.04*
UK, Wales	3474	**23.2**	*0.42*	2.69	*0.06*	3061	**15.9**	*0.33*	1.84	*0.05*
Oceania										
Australian Capital Territory	266	**25.9**	*1.64*	3.21	*0.25*	255	**21.4**	*1.42*	2.54	*0.22*
Australia, New South Wales	7484	**27.4**	*0.33*	3.36	*0.05*	7214	**21.9**	*0.29*	2.60	*0.04*
Australia, Northern Territory	109	**24.8**	*2.52*	3.34	*0.42*	69	**17.1**	*2.16*	1.78	*0.31*
Australia, Northern Territory: Indigenous	10	**13.3**	*4.64*	1.95	*0.81*	9	**8.5**	*2.94*	0.88	*0.35*
Australia, Northern Territory: Non−Indigenous	98	**26.5**	*2.84*	3.52	*0.46*	60	**19.9**	*2.72*	2.14	*0.43*
Australia, Queensland	4509	**29.4**	*0.45*	3.61	*0.07*	4134	**23.6**	*0.40*	2.82	*0.06*
South Australia	2021	**29.2**	*0.69*	3.49	*0.10*	1897	**22.3**	*0.58*	2.68	*0.09*
Australia, Tasmania	551	**26.5**	*1.19*	3.03	*0.17*	601	**23.3**	*1.06*	2.63	*0.15*
Australia, Victoria	5561	**27.1**	*0.38*	3.22	*0.06*	5435	**21.7**	*0.33*	2.52	*0.05*
Western Australia	1856	**24.6**	*0.59*	2.93	*0.09*	1755	**20.1**	*0.52*	2.31	*0.08*
New Zealand	4270	**27.6**	*0.44*	3.32	*0.07*	4816	**25.7**	*0.41*	3.11	*0.06*
New Zealand: Maori	167	**17.6**	*1.39*	2.35	*0.23*	182	**16.6**	*1.26*	1.99	*0.19*
New Zealand: Pacific Islander	56	**13.7**	*1.89*	1.43	*0.26*	45	**9.5**	*1.44*	0.97	*0.19*
New Zealand: Other	4047	**28.5**	*0.47*	3.45	*0.07*	4589	**26.8**	*0.44*	3.26	*0.07*
USA, Hawaii	1183	**23.5**	*0.73*	2.79	*0.11*	1107	**17.8**	*0.60*	2.04	*0.09*
*USA, Hawaii: Chinese	72	**24.1**	*3.17*	3.14	*0.49*	73	**16.0**	*2.32*	1.76	*0.33*
*USA, Hawaii: Filipino	154	**24.5**	*2.16*	3.04	*0.33*	132	**18.2**	*1.69*	2.29	*0.25*
*USA, Hawaii: Hawaiian	143	**24.2**	*2.10*	3.41	*0.35*	111	**14.2**	*1.42*	1.75	*0.20*
*USA, Hawaii: Japanese	412	**29.0**	*1.60*	3.12	*0.22*	443	**21.7**	*1.30*	2.43	*0.18*
*USA, Hawaii: White	341	**24.4**	*1.39*	2.91	*0.21*	270	**18.3**	*1.26*	2.18	*0.19*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Rectum (C19-20)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	84	**3.2**	*0.37*	–	-	91	**3.5**	*0.38*	–	-
Egypt, Gharbiah	168	**2.1**	*0.17*	0.22	*0.02*	149	**1.9**	*0.16*	0.21	*0.02*
*Libya, Benghazi	64	**5.0**	*0.65*	0.66	*0.11*	48	**3.3**	*0.50*	0.39	*0.08*
*Malawi, Blantyre	21	**2.0**	*0.51*	0.24	*0.07*	28	**2.4**	*0.54*	0.25	*0.07*
*South Africa, PROMEC	12	**0.8**	*0.23*	0.07	*0.03*	11	**0.4**	*0.14*	0.05	*0.02*
*Tunisia, North	289	**4.2**	*0.25*	0.50	*0.04*	264	**3.7**	*0.23*	0.41	*0.03*
*Uganda, Kyadondo County	47	**3.8**	*0.69*	0.51	*0.11*	61	**4.6**	*0.64*	0.50	*0.09*
*Zimbabwe, Harare: African	55	**5.0**	*0.78*	0.58	*0.11*	43	**5.3**	*0.93*	0.63	*0.14*
America, Central and South										
Argentina, Bahía Blanca	70	**7.8**	*0.99*	1.09	*0.15*	56	**4.7**	*0.73*	0.57	*0.10*
Argentina, Córdoba	167	**6.2**	*0.49*	0.72	*0.07*	129	**3.5**	*0.33*	0.39	*0.04*
Argentina, Mendoza	312	**7.0**	*0.41*	0.88	*0.06*	233	**4.1**	*0.29*	0.49	*0.04*
*Argentina, Tierra del Fuego	18	**11.4**	*2.90*	1.37	*0.43*	6	**3.0**	*1.29*	0.32	*0.16*
Brazil, Aracaju	30	**5.3**	*1.01*	0.75	*0.17*	55	**6.2**	*0.87*	0.72	*0.12*
Brazil, Belo Horizonte	227	**8.7**	*0.59*	1.08	*0.09*	284	**7.4**	*0.45*	0.87	*0.06*
Brazil, Cuiabá	61	**6.5**	*0.89*	0.78	*0.13*	74	**7.1**	*0.86*	0.86	*0.13*
Brazil, Fortaleza	156	**5.4**	*0.44*	0.65	*0.07*	162	**3.8**	*0.31*	0.42	*0.04*
Brazil, Goiânia	244	**11.9**	*0.78*	1.38	*0.12*	278	**10.6**	*0.65*	1.27	*0.10*
*Brazil, São Paulo	3068	**14.2**	*0.28*	1.67	*0.04*	3011	**9.8**	*0.19*	1.09	*0.03*
Chile, Region of Antofagasta	53	**4.8**	*0.68*	0.46	*0.09*	34	**2.5**	*0.44*	0.27	*0.06*
Chile, Bío Bío Province	56	**5.5**	*0.75*	0.65	*0.11*	42	**3.9**	*0.62*	0.45	*0.09*
Chile, Valdivia	63	**6.1**	*0.78*	0.68	*0.11*	48	**4.1**	*0.61*	0.54	*0.09*
Colombia, Bucaramanga	106	**5.0**	*0.50*	0.63	*0.08*	120	**4.3**	*0.41*	0.53	*0.06*
Colombia, Cali	275	**6.5**	*0.40*	0.78	*0.06*	266	**4.7**	*0.30*	0.56	*0.04*
Colombia, Manizales	48	**5.3**	*0.77*	0.68	*0.12*	73	**6.1**	*0.73*	0.72	*0.10*
Colombia, Pasto	25	**3.2**	*0.67*	0.42	*0.10*	35	**3.6**	*0.62*	0.43	*0.09*
Costa Rica	465	**5.2**	*0.25*	0.61	*0.04*	402	**4.1**	*0.21*	0.46	*0.03*
Cuba, Villa Clara	124	**4.7**	*0.44*	0.54	*0.06*	115	**4.3**	*0.43*	0.47	*0.06*
Ecuador, Cuenca	13	**1.4**	*0.42*	0.19	*0.07*	26	**2.4**	*0.48*	0.27	*0.07*
Ecuador, Quito	112	**4.0**	*0.39*	0.45	*0.05*	111	**2.9**	*0.28*	0.28	*0.04*
*France, Martinique	94	**7.1**	*0.75*	0.90	*0.11*	93	**4.6**	*0.53*	0.47	*0.07*
*Jamaica, Kingston and St Andrew	63	**4.7**	*0.60*	0.61	*0.09*	58	**3.2**	*0.44*	0.33	*0.06*
USA, Puerto Rico	1289	**9.8**	*0.28*	1.22	*0.04*	911	**5.6**	*0.20*	0.65	*0.03*
Uruguay	780	**11.6**	*0.43*	1.42	*0.06*	630	**6.8**	*0.30*	0.78	*0.04*
America, North										
Canada	19641	**15.9**	*0.12*	1.98	*0.02*	12396	**8.3**	*0.08*	0.98	*0.01*
Canada, Alberta	1748	**15.9**	*0.39*	1.93	*0.06*	1070	**8.5**	*0.28*	0.99	*0.04*
Canada, British Columbia	2546	**14.7**	*0.30*	1.82	*0.05*	1565	**7.8**	*0.21*	0.93	*0.03*
Canada, Manitoba	770	**17.3**	*0.65*	2.14	*0.10*	526	**9.5**	*0.47*	1.14	*0.07*
Canada, New Brunswick	579	**18.5**	*0.80*	2.16	*0.12*	338	**8.6**	*0.52*	0.94	*0.07*
Canada, Newfoundland and Labrador	470	**22.4**	*1.06*	2.82	*0.16*	245	**10.5**	*0.71*	1.29	*0.10*
*Canada, Northwest Territories	29	**29.5**	*5.86*	2.79	*0.74*	20	**20.4**	*4.89*	2.45	*0.72*
Canada, Nova Scotia	780	**20.0**	*0.74*	2.45	*0.11*	453	**9.7**	*0.50*	1.14	*0.07*
Canada, Ontario	6535	**14.1**	*0.18*	1.75	*0.03*	4200	**7.4**	*0.12*	0.87	*0.02*
Canada, Prince Edward Island	108	**19.1**	*1.89*	2.35	*0.28*	70	**10.4**	*1.36*	1.22	*0.19*
*Canada, Quebec	5338	**17.7**	*0.25*	2.21	*0.04*	3469	**9.1**	*0.17*	1.07	*0.02*
Canada, Saskatchewan	722	**18.2**	*0.72*	2.36	*0.11*	431	**9.1**	*0.50*	1.10	*0.07*
*Canada, Yukon	16	**16.5**	*4.26*	2.87	*0.84*	9	**7.3**	*2.43*	0.58	*0.22*
USA, NPCR (42 states)	101885	**11.2**	*0.04*	1.36	*0.01*	76794	**6.8**	*0.03*	0.80	*0.00*
USA, NPCR (42 states): American Indian	544	**8.3**	*0.37*	1.03	*0.05*	445	**5.8**	*0.28*	0.69	*0.04*
USA, NPCR (42 states): Asian and Pacific Islander	2796	**8.9**	*0.17*	1.07	*0.03*	2332	**5.9**	*0.13*	0.68	*0.02*
USA, NPCR (42 states): Black	9401	**11.3**	*0.12*	1.36	*0.02*	8354	**7.3**	*0.08*	0.86	*0.01*
USA, NPCR (42 states): White	87635	**11.1**	*0.04*	1.35	*0.01*	64458	**6.7**	*0.03*	0.78	*0.00*
USA, SEER (9 registries)	10465	**11.2**	*0.11*	1.34	*0.02*	7887	**6.8**	*0.08*	0.79	*0.01*
*USA, SEER (9 registries): Black	895	**11.3**	*0.39*	1.34	*0.06*	859	**8.1**	*0.29*	0.97	*0.04*
*USA, SEER (9 registries): White	8321	**10.9**	*0.12*	1.30	*0.02*	6149	**6.6**	*0.09*	0.75	*0.01*
USA, SEER (18 registries)	30296	**11.3**	*0.07*	1.37	*0.01*	23242	**7.0**	*0.05*	0.81	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	2482	**11.5**	*0.24*	1.41	*0.03*	1823	**6.7**	*0.16*	0.76	*0.02*
*USA, SEER (18 registries): Black	2701	**11.7**	*0.23*	1.41	*0.03*	2519	**8.0**	*0.16*	0.94	*0.02*
*USA, SEER (18 registries): Hispanic White	2913	**10.4**	*0.20*	1.29	*0.03*	2007	**6.0**	*0.14*	0.69	*0.02*
*USA, SEER (18 registries): Non–Hispanic White	21720	**11.3**	*0.08*	1.36	*0.01*	16513	**7.0**	*0.06*	0.80	*0.01*
*USA, SEER (18 registries): White	24633	**11.1**	*0.07*	1.35	*0.01*	18520	**6.8**	*0.05*	0.79	*0.01*
USA, Alabama	1812	**11.5**	*0.28*	1.41	*0.04*	1362	**6.8**	*0.20*	0.80	*0.03*
USA, Alabama: Black	365	**12.3**	*0.66*	1.52	*0.10*	309	**7.2**	*0.43*	0.88	*0.06*
USA, Alabama: White	1422	**11.3**	*0.31*	1.37	*0.04*	1040	**6.7**	*0.23*	0.78	*0.03*
USA, Alaska	207	**11.0**	*0.79*	1.33	*0.12*	127	**6.8**	*0.62*	0.80	*0.09*
*USA, Alaska: American Indian	49	**19.6**	*2.85*	2.45	*0.42*	29	**10.5**	*2.00*	1.28	*0.28*
USA, Arizona	1921	**9.2**	*0.22*	1.17	*0.03*	1323	**5.5**	*0.16*	0.64	*0.02*
USA, Arizona: American Indian	48	**7.6**	*1.13*	0.86	*0.15*	34	**4.3**	*0.75*	0.44	*0.09*
USA, Arizona: Asian and Pacific Islander	22	**6.1**	*1.33*	0.65	*0.19*	22	**4.4**	*0.95*	0.49	*0.13*
USA, Arizona: Black	40	**8.0**	*1.31*	0.97	*0.19*	28	**4.7**	*0.91*	0.52	*0.13*
USA, Arizona: White	1787	**9.2**	*0.23*	1.17	*0.03*	1222	**5.5**	*0.17*	0.64	*0.02*
USA, Arkansas	1216	**12.1**	*0.36*	1.48	*0.05*	892	**7.2**	*0.26*	0.83	*0.04*
USA, Arkansas: Black	123	**12.3**	*1.15*	1.54	*0.17*	119	**8.0**	*0.79*	0.86	*0.10*
USA, Arkansas: White	1088	**12.2**	*0.38*	1.48	*0.05*	760	**7.0**	*0.28*	0.82	*0.04*
USA, California	11784	**10.5**	*0.10*	1.28	*0.01*	8981	**6.5**	*0.07*	0.75	*0.01*
USA, California: American Indian	41	**3.9**	*0.62*	0.52	*0.10*	36	**2.7**	*0.47*	0.33	*0.07*
USA, California: Asian and Pacific Islander	1489	**10.7**	*0.28*	1.31	*0.04*	1180	**6.6**	*0.20*	0.75	*0.03*
USA, California: Black	673	**10.5**	*0.41*	1.26	*0.06*	576	**6.8**	*0.30*	0.81	*0.04*
USA, California: White	9344	**10.3**	*0.11*	1.26	*0.02*	7018	**6.4**	*0.08*	0.74	*0.01*
USA, California, Los Angeles County	3008	**10.6**	*0.20*	1.29	*0.03*	2381	**6.6**	*0.15*	0.76	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander	563	**12.7**	*0.55*	1.53	*0.08*	411	**7.4**	*0.38*	0.84	*0.05*
*USA, California, Los Angeles County: Black	313	**11.8**	*0.68*	1.43	*0.10*	274	**7.1**	*0.45*	0.84	*0.06*
*USA, California, Los Angeles County: Chinese	152	**11.6**	*0.98*	1.41	*0.14*	112	**7.1**	*0.71*	0.76	*0.09*
*USA, California, Los Angeles County: Filipino	121	**13.7**	*1.29*	1.48	*0.17*	90	**7.2**	*0.79*	0.85	*0.11*
*USA, California, Los Angeles County: Hispanic White	694	**9.0**	*0.36*	1.09	*0.05*	532	**5.4**	*0.25*	0.63	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Rectum (C19-20) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	103	**18.6**	*2.13*	2.38	*0.30*	61	**8.6**	*1.28*	0.99	*0.16*
*USA, California, Los Angeles County: Korean	97	**15.6**	*1.61*	1.95	*0.23*	83	**10.0**	*1.13*	1.10	*0.15*
*USA, California, Los Angeles County: Non−Hispanic White	1395	**10.5**	*0.30*	1.28	*0.04*	1138	**6.8**	*0.23*	0.79	*0.03*
*USA, California, Los Angeles County: White	2089	**9.9**	*0.22*	1.21	*0.03*	1670	**6.3**	*0.17*	0.73	*0.02*
USA, California, San Francisco Bay Area	1567	**10.7**	*0.28*	1.31	*0.04*	1169	**6.4**	*0.20*	0.72	*0.03*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	355	**11.3**	*0.62*	1.47	*0.10*	266	**6.5**	*0.42*	0.71	*0.06*
*USA, California, San Francisco Bay Area: Black	127	**10.5**	*0.95*	1.24	*0.14*	113	**7.0**	*0.70*	0.88	*0.11*
*USA, California, San Francisco Bay Area: Hispanic White	141	**10.0**	*0.88*	1.32	*0.14*	119	**6.2**	*0.61*	0.61	*0.08*
*USA, California, San Francisco Bay Area: Non−Hispanic White	903	**10.2**	*0.36*	1.21	*0.05*	648	**6.0**	*0.27*	0.69	*0.04*
*USA, California, San Francisco Bay Area: White	1044	**10.1**	*0.33*	1.22	*0.05*	767	**6.1**	*0.25*	0.68	*0.03*
USA, Colorado	1458	**9.9**	*0.27*	1.20	*0.04*	1045	**5.8**	*0.19*	0.65	*0.03*
USA, Colorado: Asian and Pacific Islander	20	**7.7**	*1.76*	0.93	*0.28*	21	**5.1**	*1.14*	0.57	*0.15*
USA, Colorado: Black	43	**8.8**	*1.40*	1.12	*0.21*	31	**5.9**	*1.09*	0.70	*0.16*
USA, Colorado: White	1369	**9.9**	*0.27*	1.19	*0.04*	965	**5.7**	*0.20*	0.63	*0.03*
USA, Connecticut	1548	**11.9**	*0.32*	1.39	*0.05*	1217	**7.3**	*0.23*	0.84	*0.03*
*USA, Connecticut: Black	92	**11.0**	*1.17*	1.30	*0.17*	100	**9.2**	*0.94*	1.15	*0.14*
*USA, Connecticut: White	1424	**12.0**	*0.34*	1.40	*0.05*	1083	**7.0**	*0.24*	0.80	*0.03*
USA, Delaware	356	**12.1**	*0.66*	1.42	*0.09*	269	**7.1**	*0.47*	0.79	*0.06*
USA, Delaware: Black	43	**10.3**	*1.60*	1.26	*0.23*	40	**7.5**	*1.23*	0.90	*0.18*
USA, Delaware: White	301	**12.3**	*0.74*	1.44	*0.10*	215	**6.8**	*0.52*	0.74	*0.07*
USA, Florida	7646	**10.6**	*0.13*	1.29	*0.02*	5733	**6.6**	*0.10*	0.76	*0.01*
USA, Florida: Asian and Pacific Islander	62	**5.8**	*0.75*	0.69	*0.11*	57	**4.1**	*0.55*	0.51	*0.08*
USA, Florida: Black	607	**9.4**	*0.39*	1.14	*0.06*	509	**5.9**	*0.27*	0.67	*0.04*
USA, Florida: White	6873	**10.7**	*0.14*	1.30	*0.02*	5081	**6.6**	*0.11*	0.77	*0.01*
USA, Georgia	3062	**11.6**	*0.21*	1.40	*0.03*	2326	**7.1**	*0.15*	0.83	*0.02*
USA, Georgia: Asian and Pacific Islander	38	**6.8**	*1.16*	0.83	*0.18*	35	**5.5**	*0.96*	0.65	*0.14*
USA, Georgia: Black	663	**11.6**	*0.47*	1.40	*0.07*	658	**8.0**	*0.33*	0.93	*0.05*
USA, Georgia: White	2339	**11.6**	*0.24*	1.41	*0.04*	1612	**6.7**	*0.18*	0.79	*0.02*
USA, Georgia, Atlanta	836	**9.9**	*0.35*	1.24	*0.05*	674	**6.5**	*0.26*	0.77	*0.04*
*USA, Georgia, Atlanta: Black	257	**11.2**	*0.74*	1.38	*0.11*	262	**7.9**	*0.51*	0.95	*0.08*
*USA, Georgia, Atlanta: White	544	**9.6**	*0.42*	1.21	*0.06*	378	**5.6**	*0.31*	0.66	*0.04*
USA, Idaho	445	**9.1**	*0.45*	1.09	*0.06*	328	**6.1**	*0.36*	0.70	*0.05*
USA, Illinois	5352	**12.6**	*0.18*	1.52	*0.03*	4097	**7.5**	*0.13*	0.86	*0.02*
USA, Illinois: Asian and Pacific Islander	123	**8.8**	*0.81*	0.97	*0.11*	94	**5.7**	*0.60*	0.68	*0.09*
USA, Illinois: Black	633	**13.5**	*0.55*	1.64	*0.08*	539	**8.0**	*0.36*	0.94	*0.05*
USA, Illinois: White	4484	**12.4**	*0.19*	1.48	*0.03*	3398	**7.4**	*0.14*	0.84	*0.02*
USA, Indiana	2516	**11.7**	*0.24*	1.40	*0.04*	1899	**7.2**	*0.18*	0.85	*0.03*
USA, Indiana: Black	167	**12.5**	*1.00*	1.36	*0.13*	127	**6.9**	*0.64*	0.75	*0.09*
USA, Indiana: White	2306	**11.5**	*0.25*	1.40	*0.04*	1745	**7.1**	*0.19*	0.85	*0.03*
USA, Iowa	1363	**12.1**	*0.35*	1.47	*0.05*	1072	**7.4**	*0.26*	0.85	*0.04*
USA, Kentucky	2026	**13.9**	*0.32*	1.69	*0.05*	1606	**9.0**	*0.24*	1.04	*0.03*
USA, Louisiana	1505	**13.2**	*0.35*	1.59	*0.05*	1151	**8.0**	*0.25*	0.92	*0.03*
*USA, Louisiana: Black	377	**13.8**	*0.73*	1.63	*0.10*	349	**9.3**	*0.52*	1.07	*0.07*
*USA, Louisiana: White	1113	**13.0**	*0.40*	1.58	*0.06*	795	**7.7**	*0.30*	0.88	*0.04*
*USA, Louisiana, New Orleans	279	**12.6**	*0.78*	1.54	*0.11*	230	**7.8**	*0.56*	0.89	*0.08*
*USA, Louisiana, New Orleans: Black	91	**13.4**	*1.44*	1.66	*0.21*	84	**9.0**	*1.02*	1.13	*0.15*
*USA, Louisiana, New Orleans: White	177	**12.0**	*0.95*	1.43	*0.13*	144	**7.3**	*0.70*	0.78	*0.09*
USA, Maine	667	**12.6**	*0.51*	1.51	*0.07*	467	**7.2**	*0.37*	0.84	*0.05*
USA, Massachusetts	2819	**12.2**	*0.24*	1.45	*0.03*	2178	**7.2**	*0.17*	0.84	*0.02*
USA, Massachusetts: Asian and Pacific Islander	66	**9.6**	*1.22*	1.17	*0.19*	50	**6.3**	*0.93*	0.65	*0.12*
USA, Massachusetts: Black	112	**10.7**	*1.05*	1.16	*0.14*	73	**5.6**	*0.67*	0.61	*0.09*
USA, Massachusetts: White	2600	**12.1**	*0.25*	1.46	*0.04*	2031	**7.2**	*0.18*	0.85	*0.03*
USA, Michigan	3891	**10.9**	*0.18*	1.31	*0.03*	3002	**6.8**	*0.14*	0.78	*0.02*
USA, Michigan: Asian and Pacific Islander	37	**7.4**	*1.25*	0.77	*0.17*	17	**2.9**	*0.73*	0.32	*0.10*
USA, Michigan: Black	445	**12.0**	*0.59*	1.41	*0.09*	400	**7.9**	*0.42*	0.94	*0.06*
USA, Michigan: White	3345	**10.7**	*0.19*	1.29	*0.03*	2527	**6.6**	*0.14*	0.75	*0.02*
USA, Michigan, Detroit	1598	**11.6**	*0.30*	1.37	*0.04*	1333	**7.6**	*0.23*	0.90	*0.03*
*USA, Michigan, Detroit: Black	339	**12.6**	*0.71*	1.47	*0.10*	319	**8.3**	*0.49*	0.99	*0.07*
*USA, Michigan, Detroit: White	1230	**11.4**	*0.34*	1.36	*0.05*	986	**7.4**	*0.26*	0.88	*0.04*
USA, Mississippi	1189	**12.8**	*0.38*	1.54	*0.05*	815	**6.9**	*0.26*	0.82	*0.04*
USA, Missouri	2489	**11.9**	*0.25*	1.41	*0.04*	1722	**6.5**	*0.17*	0.74	*0.02*
USA, Missouri: Black	213	**13.6**	*0.96*	1.58	*0.14*	183	**8.0**	*0.62*	0.98	*0.09*
USA, Missouri: White	2242	**11.7**	*0.26*	1.39	*0.04*	1504	**6.3**	*0.18*	0.71	*0.02*
USA, Montana	410	**11.0**	*0.56*	1.41	*0.09*	266	**6.7**	*0.44*	0.84	*0.06*
USA, Montana: American Indian	24	**19.5**	*4.04*	2.26	*0.55*	13	**8.3**	*2.36*	0.90	*0.31*
USA, Nebraska	890	**14.2**	*0.50*	1.71	*0.07*	548	**6.9**	*0.33*	0.83	*0.05*
USA, Nebraska: Black	18	**11.9**	*2.88*	1.24	*0.38*	11	**5.5**	*1.71*	0.65	*0.24*
USA, Nebraska: White	855	**14.2**	*0.51*	1.72	*0.07*	522	**6.7**	*0.33*	0.81	*0.05*
USA, New Hampshire	545	**11.3**	*0.50*	1.37	*0.07*	414	**7.4**	*0.39*	0.87	*0.06*
USA, New Jersey	3809	**12.3**	*0.21*	1.48	*0.03*	3103	**7.6**	*0.15*	0.88	*0.02*
*USA, New Jersey: Black	369	**11.9**	*0.63*	1.48	*0.09*	345	**7.8**	*0.43*	0.95	*0.06*
*USA, New Jersey: White	3204	**12.3**	*0.23*	1.47	*0.03*	2613	**7.6**	*0.17*	0.87	*0.02*
USA, New Mexico	695	**10.6**	*0.41*	1.31	*0.06*	499	**6.4**	*0.31*	0.74	*0.04*
*USA, New Mexico: Hispanic White	260	**12.4**	*0.79*	1.66	*0.12*	158	**6.3**	*0.53*	0.74	*0.07*
*USA, New Mexico: Non−Hispanic White	384	**10.0**	*0.54*	1.18	*0.07*	305	**6.7**	*0.42*	0.77	*0.06*
*USA, New Mexico: White	644	**10.7**	*0.44*	1.34	*0.06*	463	**6.6**	*0.33*	0.76	*0.04*
USA, New York State	7653	**11.3**	*0.13*	1.34	*0.02*	6580	**7.3**	*0.10*	0.84	*0.01*
USA, New York State: Asian and Pacific Islander	313	**8.3**	*0.48*	0.98	*0.07*	288	**6.6**	*0.40*	0.75	*0.06*
USA, New York State: Black	861	**10.2**	*0.35*	1.22	*0.05*	918	**7.1**	*0.24*	0.84	*0.03*
USA, New York State: White	6310	**11.3**	*0.15*	1.34	*0.02*	5243	**7.2**	*0.11*	0.83	*0.02*
USA, North Carolina	3292	**11.4**	*0.20*	1.38	*0.03*	2472	**6.8**	*0.15*	0.78	*0.02*
USA, North Carolina: American Indian	24	**8.6**	*1.78*	1.15	*0.27*	17	**4.9**	*1.20*	0.55	*0.17*
USA, North Carolina: Asian and Pacific Islander	14	**4.5**	*1.24*	0.50	*0.17*	16	**3.6**	*0.91*	0.41	*0.15*
USA, North Carolina: Black	562	**12.0**	*0.52*	1.50	*0.08*	502	**7.6**	*0.35*	0.88	*0.05*
USA, North Carolina: White	2665	**11.2**	*0.22*	1.36	*0.03*	1918	**6.6**	*0.16*	0.75	*0.02*
USA, North Dakota	353	**14.1**	*0.81*	1.74	*0.12*	221	**7.6**	*0.58*	0.90	*0.08*
USA, Ohio	4838	**11.7**	*0.17*	1.41	*0.03*	3737	**7.1**	*0.13*	0.85	*0.02*
USA, Ohio: Asian and Pacific Islander	16	**3.7**	*0.95*	0.43	*0.13*	27	**5.5**	*1.07*	0.67	*0.16*
USA, Ohio: Black	394	**10.9**	*0.57*	1.26	*0.08*	341	**6.9**	*0.39*	0.81	*0.05*
USA, Ohio: White	4334	**11.6**	*0.18*	1.41	*0.03*	3257	**6.9**	*0.13*	0.82	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Rectum (C19-20) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	1459	**11.8**	*0.32*	1.42	*0.04*	1131	**7.4**	*0.24*	0.86	*0.03*
USA, Oklahoma: American Indian	122	**15.5**	*1.42*	1.78	*0.20*	110	**12.0**	*1.17*	1.43	*0.16*
USA, Oklahoma: Black	74	**11.3**	*1.35*	1.35	*0.19*	48	**5.6**	*0.83*	0.74	*0.13*
USA, Oklahoma: White	1240	**11.4**	*0.34*	1.38	*0.05*	942	**7.1**	*0.25*	0.82	*0.03*
USA, Oregon	1441	**10.7**	*0.29*	1.32	*0.04*	1017	**6.3**	*0.22*	0.73	*0.03*
USA, Oregon: Asian and Pacific Islander	31	**8.6**	*1.59*	0.92	*0.22*	35	**7.0**	*1.24*	0.65	*0.17*
USA, Oregon: Black	13	**7.0**	*1.98*	0.70	*0.22*	14	**7.8**	*2.20*	1.00	*0.34*
USA, Oregon: White	1336	**10.4**	*0.30*	1.29	*0.04*	920	**6.0**	*0.22*	0.70	*0.03*
USA, Pennsylvania	6248	**12.8**	*0.17*	1.55	*0.02*	4851	**7.6**	*0.12*	0.89	*0.02*
USA, Pennsylvania: Asian and Pacific Islander	46	**6.9**	*1.04*	0.88	*0.16*	43	**5.4**	*0.83*	0.60	*0.12*
USA, Pennsylvania: Black	391	**11.5**	*0.60*	1.33	*0.09*	339	**7.1**	*0.41*	0.86	*0.06*
USA, Pennsylvania: White	5711	**12.8**	*0.18*	1.55	*0.03*	4397	**7.6**	*0.13*	0.88	*0.02*
USA, Rhode Island	484	**12.1**	*0.58*	1.40	*0.08*	401	**7.9**	*0.45*	0.90	*0.06*
USA, Rhode Island: Black	15	**9.2**	*2.43*	1.03	*0.34*	14	**8.2**	*2.30*	0.83	*0.26*
USA, Rhode Island: White	459	**12.2**	*0.60*	1.42	*0.09*	381	**7.9**	*0.47*	0.91	*0.06*
USA, South Carolina	1668	**11.4**	*0.28*	1.40	*0.04*	1250	**6.9**	*0.21*	0.82	*0.03*
USA, South Carolina: Black	348	**11.2**	*0.61*	1.40	*0.09*	304	**7.0**	*0.42*	0.82	*0.06*
USA, South Carolina: White	1296	**11.3**	*0.32*	1.39	*0.05*	925	**6.8**	*0.24*	0.81	*0.03*
USA, South Dakota	356	**12.3**	*0.69*	1.49	*0.10*	232	**6.4**	*0.48*	0.71	*0.06*
USA, Tennessee	2380	**11.4**	*0.24*	1.37	*0.03*	1870	**7.3**	*0.18*	0.88	*0.02*
USA, Tennessee: Black	263	**11.0**	*0.70*	1.22	*0.10*	277	**8.4**	*0.53*	1.01	*0.08*
USA, Tennessee: White	2088	**11.4**	*0.26*	1.37	*0.04*	1575	**7.2**	*0.19*	0.86	*0.03*
USA, Texas	7532	**11.2**	*0.13*	1.37	*0.02*	5237	**6.5**	*0.09*	0.75	*0.01*
USA, Texas: Asian and Pacific Islander	121	**6.9**	*0.64*	0.78	*0.09*	93	**4.4**	*0.47*	0.55	*0.07*
USA, Texas: Black	760	**12.4**	*0.46*	1.46	*0.07*	619	**7.4**	*0.31*	0.88	*0.05*
USA, Texas: White	6515	**11.0**	*0.14*	1.36	*0.02*	4403	**6.3**	*0.10*	0.73	*0.01*
USA, Utah	602	**9.1**	*0.38*	1.07	*0.05*	394	**5.2**	*0.28*	0.60	*0.04*
USA, Vermont	279	**12.0**	*0.74*	1.49	*0.11*	213	**7.3**	*0.55*	0.83	*0.07*
USA, Virginia	2666	**10.7**	*0.21*	1.31	*0.03*	2056	**6.7**	*0.16*	0.79	*0.02*
USA, Virginia: Asian and Pacific Islander	64	**7.5**	*0.96*	0.89	*0.14*	52	**4.8**	*0.68*	0.54	*0.09*
USA, Virginia: Black	464	**12.3**	*0.58*	1.54	*0.09*	405	**7.7**	*0.40*	0.94	*0.06*
USA, Virginia: White	2100	**10.4**	*0.23*	1.27	*0.03*	1561	**6.4**	*0.17*	0.76	*0.02*
USA, Washington State	2296	**10.5**	*0.23*	1.25	*0.03*	1645	**6.4**	*0.17*	0.72	*0.02*
USA, Washington, Seattle	1543	**10.4**	*0.27*	1.24	*0.04*	1125	**6.4**	*0.21*	0.71	*0.03*
USA, West Virginia	1053	**14.2**	*0.46*	1.71	*0.07*	746	**8.4**	*0.34*	0.99	*0.05*
USA, Wisconsin	2145	**10.5**	*0.24*	1.24	*0.03*	1532	**6.2**	*0.17*	0.71	*0.02*
USA, Wisconsin: Black	63	**9.7**	*1.28*	1.22	*0.20*	74	**8.6**	*1.03*	1.03	*0.15*
USA, Wisconsin: White	2016	**10.3**	*0.24*	1.22	*0.03*	1420	**6.0**	*0.18*	0.69	*0.02*
USA, Wyoming	187	**10.0**	*0.75*	1.16	*0.10*	146	**7.1**	*0.63*	0.77	*0.08*
Asia										
Bahrain: Bahraini	42	**5.7**	*0.92*	0.65	*0.13*	24	**3.2**	*0.68*	0.38	*0.09*
China, Beijing City	2672	**8.9**	*0.18*	1.09	*0.03*	2025	**6.5**	*0.15*	0.80	*0.02*
*China, Cixian County	84	**7.0**	*0.82*	0.91	*0.12*	81	**6.0**	*0.69*	0.74	*0.09*
China, Haining County	140	**6.7**	*0.59*	0.79	*0.08*	101	**4.3**	*0.45*	0.51	*0.06*
*China, Harbin City, Nangang District	323	**10.7**	*0.61*	1.30	*0.09*	248	**7.8**	*0.50*	0.95	*0.07*
China, Hong Kong	4339	**17.0**	*0.27*	2.05	*0.04*	2822	**9.6**	*0.20*	1.12	*0.03*
China, Jiashan County	165	**10.5**	*0.84*	1.23	*0.11*	137	**8.8**	*0.78*	1.13	*0.11*
China, Jiaxing City	115	**9.8**	*0.94*	1.24	*0.14*	94	**7.6**	*0.82*	0.89	*0.12*
China, Macao	125	**9.2**	*0.87*	1.05	*0.13*	126	**8.0**	*0.78*	0.88	*0.12*
China, Qidong County	369	**8.3**	*0.44*	0.99	*0.06*	348	**6.8**	*0.39*	0.73	*0.05*
*China, Shanghai City	3329	**11.6**	*0.21*	1.38	*0.03*	2697	**8.3**	*0.17*	0.99	*0.02*
*China, Wuhan City	1542	**10.8**	*0.28*	1.33	*0.04*	1209	**8.1**	*0.24*	1.02	*0.04*
*China, Yangcheng County	56	**5.8**	*0.81*	0.66	*0.11*	48	**5.1**	*0.81*	0.62	*0.10*
*China, Yanting County	158	**9.5**	*0.78*	1.12	*0.11*	90	**5.1**	*0.54*	0.61	*0.08*
*China, Zhongshan City	287	**10.4**	*0.63*	1.26	*0.09*	211	**6.8**	*0.49*	0.80	*0.07*
*India, Bangalore	308	**4.1**	*0.24*	0.49	*0.04*	235	**3.1**	*0.21*	0.36	*0.03*
*India; Barshi, Paranda, and Bhum	17	**1.6**	*0.40*	0.16	*0.05*	9	**0.6**	*0.21*	0.08	*0.03*
*India, Bhopal	42	**1.9**	*0.30*	0.21	*0.04*	36	**1.6**	*0.28*	0.17	*0.04*
*India, Chennai	393	**3.8**	*0.20*	0.45	*0.03*	237	**2.3**	*0.15*	0.27	*0.02*
*India, Dindigul, Ambilikkai	68	**1.4**	*0.18*	0.16	*0.02*	42	**0.8**	*0.13*	0.08	*0.01*
*India, Karunagappally	34	**3.3**	*0.56*	0.38	*0.08*	33	**2.8**	*0.49*	0.37	*0.07*
*India, Mizoram	67	**4.5**	*0.57*	0.48	*0.08*	56	**3.9**	*0.53*	0.53	*0.08*
*India, Mumbai	731	**2.9**	*0.11*	0.33	*0.02*	503	**2.0**	*0.09*	0.23	*0.01*
*India, New Delhi	574	**2.2**	*0.10*	0.24	*0.01*	358	**1.4**	*0.08*	0.16	*0.01*
*India, Poona	203	**2.7**	*0.20*	0.34	*0.03*	146	**1.9**	*0.16*	0.25	*0.02*
*India, Sikkim State	20	**2.1**	*0.49*	0.24	*0.06*	5	**0.6**	*0.30*	0.08	*0.04*
*India, Trivandrum	65	**4.1**	*0.51*	0.52	*0.08*	55	**3.0**	*0.40*	0.34	*0.05*
*Iran (Islamic Republic of), Golestan Province	55	**3.1**	*0.44*	0.34	*0.06*	41	**2.3**	*0.37*	0.22	*0.04*
Israel	2458	**13.1**	*0.28*	1.60	*0.04*	2078	**9.1**	*0.22*	1.08	*0.03*
*Israel: Jews	2267	**13.3**	*0.30*	1.64	*0.04*	1939	**9.2**	*0.23*	1.10	*0.03*
*Israel: Non–Jews	191	**10.9**	*0.81*	1.22	*0.12*	139	**7.1**	*0.61*	0.81	*0.09*
Japan, Aichi Prefecture	928	**15.6**	*0.52*	1.98	*0.08*	499	**7.5**	*0.36*	0.87	*0.05*
Japan, Fukui Prefecture	688	**15.8**	*0.66*	1.90	*0.09*	421	**7.7**	*0.45*	0.91	*0.06*
Japan, Hiroshima	1230	**24.4**	*0.73*	2.96	*0.10*	687	**10.9**	*0.46*	1.32	*0.06*
Japan, Miyagi Prefecture	2752	**24.1**	*0.49*	2.98	*0.07*	1565	**11.3**	*0.33*	1.32	*0.04*
Japan, Nagasaki Prefecture	1554	**20.4**	*0.57*	2.51	*0.08*	1009	**9.7**	*0.37*	1.14	*0.05*
Japan, Niigata Prefecture	2792	**21.3**	*0.44*	2.63	*0.06*	1530	**9.1**	*0.28*	1.08	*0.04*
*Japan, Osaka Prefecture	5853	**13.4**	*0.18*	1.69	*0.03*	3337	**6.5**	*0.12*	0.76	*0.02*
Japan, Saga Prefecture	654	**14.9**	*0.63*	1.87	*0.09*	394	**6.1**	*0.37*	0.70	*0.05*
Republic of Korea	25382	**19.5**	*0.12*	2.43	*0.02*	16848	**10.2**	*0.08*	1.23	*0.01*
Republic of Korea, Busan	1777	**17.3**	*0.43*	2.16	*0.06*	1170	**9.2**	*0.27*	1.08	*0.04*
Republic of Korea, Daegu	1204	**19.5**	*0.59*	2.43	*0.08*	876	**10.7**	*0.37*	1.28	*0.05*
Republic of Korea, Daejeon	714	**21.7**	*0.84*	2.69	*0.12*	487	**11.7**	*0.54*	1.41	*0.08*
Republic of Korea, Gwangju	673	**20.9**	*0.83*	2.70	*0.12*	430	**10.4**	*0.51*	1.32	*0.08*
Republic of Korea, Incheon	1178	**19.5**	*0.59*	2.43	*0.09*	760	**10.0**	*0.37*	1.21	*0.05*
Republic of Korea, Jejudo	174	**14.3**	*1.11*	1.80	*0.15*	130	**8.2**	*0.75*	1.01	*0.10*
Republic of Korea, Seoul	5290	**20.2**	*0.29*	2.50	*0.04*	3264	**10.3**	*0.18*	1.22	*0.03*
Republic of Korea, Ulsan	406	**17.8**	*0.94*	2.38	*0.15*	291	**10.8**	*0.65*	1.29	*0.09*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Rectum (C19-20) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	154	**3.6**	*0.37*	0.47	*0.06*	110	**4.1**	*0.45*	0.54	*0.07*
*Kuwait: Kuwaitis	56	**5.0**	*0.69*	0.65	*0.10*	65	**4.5**	*0.58*	0.56	*0.08*
*Kuwait: Non−Kuwaitis	98	**3.0**	*0.49*	0.37	*0.08*	45	**3.9**	*0.78*	0.56	*0.14*
*Malaysia, Penang	232	**10.6**	*0.71*	1.26	*0.10*	177	**6.8**	*0.52*	0.85	*0.08*
*Malaysia, Penang: Chinese	165	**12.0**	*0.95*	1.40	*0.13*	124	**7.8**	*0.71*	0.96	*0.11*
*Malaysia, Penang: Indian	12	**5.9**	*1.79*	0.61	*0.22*	12	**5.3**	*1.57*	0.78	*0.28*
*Malaysia, Penang: Malay	53	**7.8**	*1.12*	1.04	*0.18*	41	**4.8**	*0.76*	0.60	*0.11*
*Philippines, Manila	781	**10.2**	*0.39*	1.25	*0.06*	670	**6.9**	*0.28*	0.81	*0.04*
*Philippines, Rizal	757	**9.0**	*0.36*	1.09	*0.05*	633	**6.3**	*0.26*	0.74	*0.04*
Qatar: Qatari	13	**6.6**	*1.90*	0.95	*0.28*	21	**7.5**	*1.73*	0.90	*0.25*
*Saudi Arabia, Riyadh: Saudi	245	**5.3**	*0.36*	0.66	*0.05*	182	**4.0**	*0.31*	0.43	*0.04*
Singapore	1647	**16.8**	*0.42*	2.00	*0.06*	1091	**9.5**	*0.30*	1.12	*0.04*
Singapore: Chinese	1442	**18.4**	*0.49*	2.15	*0.07*	986	**10.4**	*0.34*	1.21	*0.05*
Singapore: Indian	71	**9.7**	*1.20*	1.22	*0.18*	24	**3.8**	*0.81*	0.57	*0.13*
Singapore: Malay	113	**10.7**	*1.06*	1.38	*0.17*	76	**7.1**	*0.85*	0.84	*0.12*
Thailand, Bangkok	866	**6.5**	*0.23*	0.79	*0.03*	692	**4.0**	*0.15*	0.48	*0.02*
Thailand, Chiang Mai	239	**5.4**	*0.36*	0.64	*0.05*	204	**4.1**	*0.30*	0.47	*0.04*
Thailand, Chonburi	160	**6.1**	*0.50*	0.72	*0.07*	109	**3.5**	*0.34*	0.43	*0.05*
*Thailand, Khon Kaen	178	**4.4**	*0.34*	0.52	*0.05*	116	**2.3**	*0.22*	0.30	*0.03*
Thailand, Lampang	145	**5.9**	*0.49*	0.68	*0.07*	108	**4.0**	*0.39*	0.45	*0.05*
*Thailand, Songkhla	148	**6.0**	*0.50*	0.70	*0.07*	94	**3.1**	*0.33*	0.37	*0.05*
*Turkey, Antalya	251	**6.9**	*0.44*	0.81	*0.06*	173	**4.5**	*0.35*	0.54	*0.05*
*Turkey, Edirne	69	**6.8**	*0.83*	0.86	*0.12*	56	**4.9**	*0.68*	0.53	*0.09*
*Turkey, Izmir	829	**8.8**	*0.31*	1.08	*0.05*	517	**4.8**	*0.22*	0.58	*0.03*
*Turkey, Trabzon	83	**7.6**	*0.85*	0.97	*0.12*	60	**4.1**	*0.55*	0.45	*0.07*
Europe										
Austria	5125	**15.3**	*0.22*	1.93	*0.03*	3553	**7.6**	*0.14*	0.88	*0.02*
Austria, Tyrol	406	**15.3**	*0.78*	1.81	*0.11*	285	**7.7**	*0.51*	0.92	*0.07*
Austria, Vorarlberg	186	**13.8**	*1.03*	1.69	*0.15*	124	**7.3**	*0.71*	0.82	*0.10*
*Belarus	4390	**14.5**	*0.23*	1.86	*0.03*	4371	**8.6**	*0.14*	1.08	*0.02*
*Belgium	6087	**16.4**	*0.22*	2.00	*0.03*	4319	**9.2**	*0.16*	1.09	*0.02*
Bulgaria	5225	**15.5**	*0.22*	1.97	*0.03*	3661	**8.6**	*0.15*	1.06	*0.02*
Croatia	3823	**20.9**	*0.35*	2.59	*0.05*	2699	**10.7**	*0.23*	1.30	*0.03*
Cyprus	228	**8.1**	*0.56*	0.93	*0.08*	171	**5.3**	*0.43*	0.67	*0.06*
Czech Republic	10295	**25.9**	*0.26*	3.23	*0.04*	6176	**11.3**	*0.16*	1.34	*0.02*
Denmark	4205	**17.7**	*0.28*	2.19	*0.04*	2962	**10.3**	*0.21*	1.24	*0.03*
*Estonia	718	**14.9**	*0.57*	1.87	*0.08*	667	**7.9**	*0.34*	0.92	*0.05*
Finland	2616	**11.5**	*0.23*	1.41	*0.03*	2058	**6.9**	*0.17*	0.82	*0.02*
*France, Bas−Rhin	686	**17.1**	*0.67*	2.09	*0.10*	447	**8.4**	*0.45*	0.94	*0.06*
*France, Calvados	439	**16.4**	*0.83*	1.97	*0.12*	274	**7.3**	*0.51*	0.86	*0.07*
*France, Doubs	311	**14.7**	*0.87*	1.97	*0.14*	187	**7.4**	*0.61*	0.88	*0.08*
*France, Haut−Rhin	467	**15.8**	*0.76*	2.00	*0.11*	323	**8.7**	*0.54*	1.09	*0.08*
*France, Hérault	623	**14.1**	*0.61*	1.71	*0.09*	372	**6.7**	*0.40*	0.74	*0.05*
*France, Isère	648	**14.2**	*0.58*	1.65	*0.08*	433	**7.1**	*0.39*	0.82	*0.06*
*France, Loire−Atlantique	783	**16.7**	*0.63*	2.00	*0.09*	519	**7.9**	*0.40*	0.92	*0.06*
*France, Manche	375	**15.0**	*0.85*	1.78	*0.12*	241	**7.5**	*0.60*	0.85	*0.08*
*France, Somme	349	**16.1**	*0.91*	2.04	*0.13*	243	**8.3**	*0.61*	0.95	*0.08*
*France, Tarn	336	**16.4**	*1.00*	1.98	*0.14*	223	**9.0**	*0.75*	1.08	*0.10*
*France, Vendée	424	**14.5**	*0.76*	1.78	*0.11*	253	**6.8**	*0.51*	0.78	*0.07*
Germany, Brandenburg	2309	**19.1**	*0.41*	2.44	*0.06*	1549	**9.3**	*0.26*	1.10	*0.04*
Germany, Bremen	602	**18.7**	*0.79*	2.30	*0.11*	469	**10.2**	*0.55*	1.16	*0.07*
Germany, Free State of Saxony	3913	**18.2**	*0.30*	2.26	*0.04*	2818	**8.9**	*0.20*	1.07	*0.03*
Germany, Hamburg	921	**11.9**	*0.40*	1.46	*0.06*	815	**7.5**	*0.30*	0.86	*0.04*
Germany, Mecklenburg−Western Pomerania	1349	**17.0**	*0.48*	2.17	*0.07*	874	**7.9**	*0.30*	0.96	*0.04*
Germany, Munich	3028	**17.6**	*0.33*	2.20	*0.05*	2123	**9.3**	*0.23*	1.07	*0.03*
Germany, North Rhine−Westphalia	2135	**18.3**	*0.41*	2.37	*0.06*	1497	**9.6**	*0.28*	1.14	*0.04*
Germany, Saarland	1157	**22.4**	*0.69*	2.85	*0.10*	768	**11.5**	*0.48*	1.34	*0.06*
Germany, Schleswig−Holstein	2304	**16.8**	*0.36*	2.08	*0.05*	1857	**10.0**	*0.27*	1.17	*0.04*
Iceland	98	**9.1**	*0.97*	1.09	*0.14*	78	**6.4**	*0.80*	0.74	*0.11*
Ireland	2405	**17.5**	*0.37*	2.15	*0.05*	1418	**8.8**	*0.25*	1.04	*0.04*
Italy, Biella	151	**14.5**	*1.27*	1.86	*0.18*	135	**9.4**	*0.99*	1.13	*0.13*
Italy, Brescia	395	**10.5**	*0.55*	1.24	*0.08*	281	**6.1**	*0.41*	0.73	*0.05*
Italy, Catania and Messina	578	**12.5**	*0.56*	1.54	*0.08*	409	**7.2**	*0.40*	0.87	*0.06*
Italy, Catanzaro	137	**13.4**	*1.22*	1.76	*0.18*	84	**6.4**	*0.80*	0.79	*0.11*
Italy, Como	331	**12.7**	*0.73*	1.53	*0.10*	234	**6.7**	*0.51*	0.72	*0.06*
Italy, Ferrara	387	**18.9**	*1.04*	2.32	*0.15*	252	**9.5**	*0.73*	1.03	*0.09*
Italy, Florence and Prato	587	**14.9**	*0.68*	1.79	*0.09*	434	**9.0**	*0.52*	1.03	*0.07*
Italy, Friuli−Venezia Giulia	906	**13.6**	*0.48*	1.68	*0.07*	653	**7.8**	*0.37*	0.89	*0.05*
Italy, Genoa	636	**15.1**	*0.66*	1.91	*0.09*	494	**7.9**	*0.45*	0.93	*0.06*
Italy, Latina	321	**13.0**	*0.77*	1.64	*0.12*	209	**7.6**	*0.58*	0.88	*0.08*
Italy, Lecco	142	**9.7**	*0.84*	1.19	*0.12*	110	**5.7**	*0.62*	0.62	*0.08*
Italy, Lombardy, South	374	**16.7**	*0.91*	2.01	*0.13*	271	**9.0**	*0.65*	1.04	*0.09*
Italy, Mantua	179	**15.1**	*1.21*	1.78	*0.17*	121	**7.8**	*0.84*	0.88	*0.11*
Italy, Milan	683	**12.6**	*0.52*	1.60	*0.07*	556	**7.1**	*0.36*	0.84	*0.05*
Italy, Modena	457	**13.4**	*0.68*	1.68	*0.10*	311	**7.2**	*0.48*	0.89	*0.07*
Italy, Naples	214	**11.9**	*0.83*	1.53	*0.12*	167	**7.8**	*0.64*	0.97	*0.09*
Italy, Nuoro	176	**14.8**	*1.19*	1.85	*0.17*	102	**8.0**	*0.90*	0.90	*0.11*
Italy, Palermo	477	**11.2**	*0.55*	1.41	*0.08*	397	**7.6**	*0.42*	0.93	*0.06*
Italy, Parma	295	**12.7**	*0.81*	1.55	*0.12*	195	**6.3**	*0.56*	0.74	*0.08*
Italy, Ragusa	183	**12.6**	*1.01*	1.60	*0.15*	128	**7.6**	*0.76*	0.92	*0.11*
Italy, Reggio Emilia	357	**14.4**	*0.82*	1.77	*0.12*	202	**6.7**	*0.55*	0.81	*0.08*
Italy, Romagna	955	**14.8**	*0.52*	1.78	*0.07*	633	**8.3**	*0.39*	0.96	*0.05*
Italy, Salerno	520	**10.9**	*0.51*	1.37	*0.07*	363	**5.7**	*0.35*	0.65	*0.05*
Italy, Sassari	265	**12.8**	*0.82*	1.60	*0.12*	158	**5.8**	*0.51*	0.71	*0.07*
Italy, Sondrio	100	**12.1**	*1.26*	1.39	*0.17*	97	**9.2**	*1.06*	1.13	*0.15*
Italy, South Tyrol	241	**14.4**	*0.97*	1.75	*0.14*	192	**9.3**	*0.76*	1.09	*0.10*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Rectum (C19-20) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	207	**11.9**	*0.88*	1.36	*0.12*	144	**6.9**	*0.64*	0.82	*0.09*
Italy, Trapani	163	**9.7**	*0.83*	1.13	*0.11*	150	**7.6**	*0.70*	0.95	*0.10*
Italy, Trento	318	**17.3**	*1.03*	2.22	*0.15*	180	**8.2**	*0.69*	1.04	*0.10*
Italy, Turin	617	**12.2**	*0.53*	1.46	*0.07*	497	**7.6**	*0.40*	0.92	*0.05*
Italy, Umbria	798	**16.5**	*0.64*	2.12	*0.09*	553	**9.2**	*0.46*	1.16	*0.06*
Italy, Varese	577	**14.5**	*0.63*	1.75	*0.09*	400	**7.3**	*0.42*	0.87	*0.06*
Italy, Veneto	1146	**13.2**	*0.41*	1.59	*0.06*	819	**7.7**	*0.31*	0.90	*0.04*
Latvia	867	**13.5**	*0.47*	1.66	*0.07*	866	**8.0**	*0.30*	0.96	*0.04*
Lithuania	1817	**15.7**	*0.38*	1.97	*0.06*	1612	**8.2**	*0.23*	0.98	*0.03*
Malta	192	**11.8**	*0.87*	1.40	*0.13*	120	**6.3**	*0.61*	0.77	*0.09*
*The Netherlands	11176	**17.0**	*0.17*	2.13	*0.02*	8010	**10.1**	*0.12*	1.22	*0.02*
*The Netherlands, Eindhoven	796	**19.0**	*0.69*	2.35	*0.10*	543	**11.2**	*0.51*	1.36	*0.07*
Norway	3261	**16.7**	*0.31*	2.02	*0.05*	2501	**10.7**	*0.24*	1.28	*0.04*
Poland, Cracow	298	**13.5**	*0.80*	1.71	*0.12*	211	**6.2**	*0.47*	0.76	*0.07*
Poland, Kielce	667	**14.3**	*0.58*	1.81	*0.08*	510	**7.7**	*0.38*	0.96	*0.05*
Poland, Lower Silesia	1454	**14.9**	*0.41*	1.90	*0.06*	1018	**7.1**	*0.24*	0.88	*0.03*
Poland, Podkarpackie	973	**14.2**	*0.48*	1.69	*0.07*	636	**6.7**	*0.29*	0.84	*0.04*
Portugal, Azores	70	**8.4**	*1.05*	1.07	*0.16*	50	**5.0**	*0.76*	0.62	*0.11*
Russian Federation, Saint Petersburg	2340	**15.6**	*0.33*	1.99	*0.05*	2656	**9.3**	*0.20*	1.14	*0.03*
*Serbia, Central	3916	**16.4**	*0.28*	2.07	*0.04*	2553	**9.1**	*0.20*	1.09	*0.03*
Slovakia	4455	**26.5**	*0.41*	3.37	*0.06*	2695	**11.1**	*0.23*	1.33	*0.03*
Slovenia	1695	**21.4**	*0.53*	2.66	*0.08*	1185	**10.7**	*0.34*	1.29	*0.05*
Spain, Albacete	235	**13.1**	*0.95*	1.58	*0.14*	130	**5.8**	*0.62*	0.63	*0.08*
Spain, Asturias	1026	**17.9**	*0.61*	2.22	*0.09*	597	**8.6**	*0.42*	1.04	*0.06*
Spain, Basque Country	1887	**18.8**	*0.46*	2.33	*0.07*	979	**7.4**	*0.27*	0.87	*0.04*
Spain, Canary Islands	594	**13.1**	*0.55*	1.61	*0.08*	392	**7.2**	*0.39*	0.85	*0.05*
Spain, Ciudad Real	254	**13.9**	*0.99*	1.66	*0.14*	147	**5.9**	*0.59*	0.70	*0.08*
Spain, Cuenca	154	**13.3**	*1.26*	1.66	*0.18*	85	**6.5**	*0.89*	0.78	*0.12*
Spain, Girona	438	**15.6**	*0.80*	2.00	*0.12*	242	**6.9**	*0.52*	0.77	*0.07*
*Spain, Granada	477	**13.9**	*0.68*	1.74	*0.10*	313	**7.5**	*0.48*	0.90	*0.06*
Spain, La Rioja	251	**16.2**	*1.13*	1.95	*0.17*	129	**8.5**	*0.87*	1.00	*0.11*
Spain, Mallorca	500	**16.3**	*0.77*	2.04	*0.11*	269	**7.2**	*0.49*	0.88	*0.07*
Spain, Murcia	728	**14.8**	*0.58*	1.85	*0.08*	476	**8.6**	*0.44*	1.02	*0.06*
Spain, Navarra	464	**17.1**	*0.85*	2.17	*0.13*	277	**8.3**	*0.58*	0.95	*0.08*
Spain, Tarragona	562	**18.2**	*0.82*	2.21	*0.12*	269	**7.4**	*0.52*	0.86	*0.07*
*Sweden	5610	**12.6**	*0.18*	1.56	*0.03*	4070	**7.8**	*0.14*	0.94	*0.02*
Switzerland, Basel	272	**13.0**	*0.83*	1.67	*0.13*	212	**8.0**	*0.63*	0.98	*0.09*
Switzerland, Geneva	202	**12.0**	*0.87*	1.47	*0.13*	136	**6.1**	*0.58*	0.76	*0.08*
Switzerland, Graubünden and Glarus	152	**15.2**	*1.28*	1.96	*0.19*	85	**6.3**	*0.78*	0.77	*0.12*
Switzerland, Neuchâtel	129	**17.1**	*1.59*	2.21	*0.25*	98	**10.1**	*1.19*	1.15	*0.16*
Switzerland, St Gall−Appenzell	298	**14.1**	*0.85*	1.72	*0.12*	222	**8.3**	*0.63*	0.99	*0.09*
Switzerland, Ticino	203	**13.5**	*0.99*	1.68	*0.14*	125	**5.9**	*0.60*	0.69	*0.08*
Switzerland, Valais	168	**13.3**	*1.07*	1.62	*0.16*	92	**6.0**	*0.70*	0.62	*0.09*
Switzerland, Vaud	351	**13.2**	*0.74*	1.65	*0.11*	259	**7.2**	*0.50*	0.87	*0.07*
Switzerland, Zurich	658	**12.1**	*0.49*	1.51	*0.07*	455	**6.5**	*0.34*	0.77	*0.05*
Ukraine	23205	**14.6**	*0.10*	1.88	*0.01*	21387	**8.7**	*0.06*	1.10	*0.01*
UK, England	33408	**15.1**	*0.09*	1.86	*0.01*	21608	**7.7**	*0.06*	0.91	*0.01*
UK, England, East of England Region	3816	**14.7**	*0.25*	1.81	*0.04*	2531	**7.8**	*0.18*	0.92	*0.03*
UK, England, North Western	4664	**16.5**	*0.25*	2.05	*0.04*	2903	**7.9**	*0.17*	0.93	*0.02*
UK, England, Northern and Yorkshire	5123	**17.2**	*0.25*	2.11	*0.04*	3089	**8.1**	*0.17*	0.97	*0.02*
UK, England, Oxford Region	1682	**14.9**	*0.38*	1.88	*0.06*	1080	**7.8**	*0.26*	0.90	*0.04*
UK, England, South and Western Regions	4768	**14.0**	*0.22*	1.71	*0.03*	3256	**7.6**	*0.16*	0.89	*0.02*
UK, England, Thames	5931	**13.1**	*0.18*	1.59	*0.03*	4397	**7.5**	*0.13*	0.89	*0.02*
UK, England, Trent	2136	**15.5**	*0.36*	1.92	*0.05*	1237	**7.5**	*0.24*	0.88	*0.03*
UK, England, West Midlands	3925	**16.4**	*0.28*	2.04	*0.04*	2275	**7.4**	*0.18*	0.85	*0.03*
UK, Northern Ireland	1086	**17.3**	*0.54*	2.19	*0.08*	667	**7.9**	*0.34*	0.95	*0.05*
UK, Scotland	3533	**16.0**	*0.28*	1.95	*0.04*	2361	**8.2**	*0.19*	0.94	*0.03*
UK, Wales	2309	**16.1**	*0.36*	1.96	*0.05*	1425	**8.2**	*0.25*	0.93	*0.03*
Oceania										
Australian Capital Territory	181	**17.7**	*1.35*	2.13	*0.20*	123	**10.4**	*0.99*	1.23	*0.14*
Australia, New South Wales	4768	**18.4**	*0.28*	2.29	*0.04*	2971	**10.0**	*0.20*	1.18	*0.03*
Australia, Northern Territory	81	**16.9**	*2.01*	1.84	*0.28*	38	**8.8**	*1.51*	1.10	*0.23*
Australia, Northern Territory: Indigenous	14	**17.7**	*5.25*	2.02	*0.70*	2	**1.4**	*1.01*	0.12	*0.09*
Australia, Northern Territory: Non−Indigenous	67	**16.7**	*2.21*	1.81	*0.31*	36	**11.0**	*1.97*	1.43	*0.32*
Australia, Queensland	2674	**18.5**	*0.37*	2.35	*0.05*	1625	**10.1**	*0.27*	1.21	*0.04*
South Australia	1158	**18.3**	*0.56*	2.27	*0.08*	765	**10.1**	*0.41*	1.23	*0.06*
Australia, Tasmania	417	**20.6**	*1.06*	2.41	*0.15*	253	**10.8**	*0.74*	1.32	*0.11*
Australia, Victoria	3740	**19.4**	*0.33*	2.41	*0.05*	2312	**10.3**	*0.24*	1.23	*0.03*
Western Australia	1228	**16.8**	*0.49*	2.08	*0.07*	730	**9.0**	*0.36*	1.07	*0.05*
New Zealand	2672	**18.2**	*0.36*	2.30	*0.06*	1797	**10.4**	*0.27*	1.25	*0.04*
New Zealand: Maori	153	**16.6**	*1.38*	2.34	*0.22*	93	**8.5**	*0.90*	0.97	*0.12*
New Zealand: Pacific Islander	40	**10.6**	*1.90*	1.10	*0.22*	40	**7.7**	*1.25*	0.88	*0.18*
New Zealand: Other	2479	**18.5**	*0.39*	2.34	*0.06*	1664	**10.6**	*0.29*	1.28	*0.04*
USA, Hawaii	713	**15.8**	*0.62*	1.90	*0.08*	404	**7.6**	*0.41*	0.89	*0.06*
*USA, Hawaii: Chinese	33	**12.9**	*2.40*	1.51	*0.31*	39	**11.2**	*2.07*	1.25	*0.27*
*USA, Hawaii: Filipino	120	**22.0**	*2.13*	2.79	*0.31*	57	**8.2**	*1.13*	1.06	*0.17*
*USA, Hawaii: Hawaiian	94	**15.2**	*1.61*	1.92	*0.24*	53	**7.0**	*1.00*	0.89	*0.14*
*USA, Hawaii: Japanese	244	**20.6**	*1.43*	2.47	*0.19*	139	**8.1**	*0.83*	0.91	*0.11*
*USA, Hawaii: White	170	**13.0**	*1.03*	1.56	*0.15*	78	**6.3**	*0.78*	0.77	*0.11*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Anus (C21)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	8	**0.3**	*0.12*	–	-	1	**0.1**	*0.06*	–	-
Egypt, Gharbiah	36	**0.5**	*0.09*	0.05	*0.01*	40	**0.5**	*0.09*	0.05	*0.01*
*Libya, Benghazi	5	**0.3**	*0.13*	0.02	*0.01*	3	**0.2**	*0.10*	0.02	*0.01*
*Malawi, Blantyre	3	**0.2**	*0.17*	0.02	*0.02*	4	**0.5**	*0.24*	0.05	*0.03*
*South Africa, PROMEC	9	**0.7**	*0.23*	0.08	*0.03*	3	**0.1**	*0.09*	0.02	*0.01*
*Tunisia, North	23	**0.3**	*0.07*	0.03	*0.01*	11	**0.2**	*0.05*	0.02	*0.01*
*Uganda, Kyadondo County	5	**0.3**	*0.13*	0.02	*0.01*	7	**0.5**	*0.24*	0.07	*0.04*
*Zimbabwe, Harare: African	3	**0.4**	*0.22*	0.02	*0.02*	2	**0.2**	*0.17*	0.00	*0.00*
America, Central and South										
Argentina, Bahía Blanca	3	**0.4**	*0.21*	0.06	*0.04*	10	**0.8**	*0.28*	0.06	*0.03*
Argentina, Córdoba	20	**0.7**	*0.17*	0.07	*0.02*	16	**0.4**	*0.12*	0.06	*0.02*
Argentina, Mendoza	21	**0.4**	*0.10*	0.06	*0.02*	33	**0.6**	*0.11*	0.07	*0.02*
*Argentina, Tierra del Fuego	1	**0.2**	*0.24*	0.02	*0.02*	0	**-**	-	–	-
Brazil, Aracaju	9	**1.4**	*0.47*	0.13	*0.06*	11	**1.2**	*0.36*	0.09	*0.04*
Brazil, Belo Horizonte	25	**0.9**	*0.19*	0.10	*0.03*	53	**1.4**	*0.19*	0.14	*0.03*
Brazil, Cuiabá	10	**0.8**	*0.29*	0.06	*0.02*	13	**1.2**	*0.37*	0.14	*0.05*
Brazil, Fortaleza	13	**0.4**	*0.10*	0.03	*0.01*	49	**1.2**	*0.17*	0.14	*0.02*
Brazil, Goiânia	12	**0.6**	*0.18*	0.08	*0.03*	33	**1.2**	*0.22*	0.15	*0.03*
*Brazil, São Paulo	235	**1.0**	*0.07*	0.11	*0.01*	387	**1.3**	*0.07*	0.14	*0.01*
Chile, Region of Antofagasta	4	**0.4**	*0.19*	0.04	*0.03*	14	**1.0**	*0.27*	0.10	*0.04*
Chile, Bío Bío Province	3	**0.3**	*0.19*	0.04	*0.03*	2	**0.1**	*0.11*	0.02	*0.02*
Chile, Valdivia	5	**0.5**	*0.24*	0.07	*0.03*	7	**0.7**	*0.25*	0.07	*0.03*
Colombia, Bucaramanga	6	**0.3**	*0.11*	0.02	*0.01*	35	**1.4**	*0.23*	0.17	*0.03*
Colombia, Cali	29	**0.7**	*0.13*	0.09	*0.02*	101	**1.9**	*0.19*	0.23	*0.03*
Colombia, Manizales	12	**1.3**	*0.37*	0.17	*0.06*	10	**0.8**	*0.24*	0.12	*0.05*
Colombia, Pasto	2	**0.3**	*0.21*	0.04	*0.03*	8	**0.8**	*0.29*	0.10	*0.04*
Costa Rica	44	**0.5**	*0.08*	0.06	*0.01*	56	**0.6**	*0.09*	0.07	*0.01*
Cuba, Villa Clara	13	**0.6**	*0.16*	0.06	*0.02*	20	**0.8**	*0.19*	0.11	*0.03*
Ecuador, Cuenca	2	**0.2**	*0.14*	0.03	*0.03*	2	**0.2**	*0.16*	0.04	*0.03*
Ecuador, Quito	5	**0.2**	*0.08*	0.02	*0.01*	25	**0.7**	*0.14*	0.08	*0.02*
*France, Martinique	3	**0.2**	*0.14*	0.02	*0.01*	8	**0.3**	*0.13*	0.02	*0.01*
*Jamaica, Kingston and St Andrew	6	**0.4**	*0.19*	0.05	*0.03*	16	**1.0**	*0.27*	0.12	*0.04*
USA, Puerto Rico	79	**0.6**	*0.07*	0.07	*0.01*	166	**1.0**	*0.08*	0.12	*0.01*
Uruguay	62	**0.9**	*0.12*	0.11	*0.02*	73	**0.8**	*0.11*	0.09	*0.01*
America, North										
Canada	1114	**0.9**	*0.03*	0.11	*0.00*	1492	**1.1**	*0.03*	0.13	*0.00*
Canada, Alberta	60	**0.5**	*0.07*	0.06	*0.01*	135	**1.2**	*0.11*	0.13	*0.01*
Canada, British Columbia	150	**1.0**	*0.08*	0.12	*0.01*	215	**1.2**	*0.08*	0.13	*0.01*
Canada, Manitoba	28	**0.7**	*0.13*	0.07	*0.02*	51	**1.1**	*0.17*	0.12	*0.02*
Canada, New Brunswick	23	**0.8**	*0.17*	0.10	*0.02*	30	**0.9**	*0.17*	0.10	*0.02*
Canada, Newfoundland and Labrador	8	**0.4**	*0.13*	0.04	*0.02*	17	**0.8**	*0.20*	0.09	*0.03*
*Canada, Northwest Territories	0	**-**	-	–	-	2	**1.7**	*1.19*	0.18	*0.13*
Canada, Nova Scotia	34	**0.9**	*0.16*	0.09	*0.02*	47	**1.1**	*0.17*	0.10	*0.02*
Canada, Ontario	585	**1.3**	*0.05*	0.15	*0.01*	693	**1.4**	*0.05*	0.16	*0.01*
Canada, Prince Edward Island	2	**0.4**	*0.30*	0.04	*0.03*	8	**1.5**	*0.55*	0.17	*0.07*
*Canada, Quebec	196	**0.7**	*0.05*	0.07	*0.01*	257	**0.8**	*0.05*	0.09	*0.01*
Canada, Saskatchewan	27	**0.7**	*0.14*	0.07	*0.02*	37	**0.8**	*0.16*	0.08	*0.02*
*Canada, Yukon	1	**0.8**	*0.81*	0.07	*0.07*	0	**-**	-	–	-
USA, NPCR (42 states)	8243	**0.9**	*0.01*	0.10	*0.00*	13207	**1.3**	*0.01*	0.15	*0.00*
USA, NPCR (42 states): American Indian	53	**0.7**	*0.10*	0.08	*0.01*	62	**0.8**	*0.10*	0.09	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	93	**0.3**	*0.03*	0.03	*0.00*	135	**0.3**	*0.03*	0.04	*0.00*
USA, NPCR (42 states): Black	1125	**1.3**	*0.04*	0.14	*0.00*	1171	**1.0**	*0.03*	0.12	*0.00*
USA, NPCR (42 states): White	6869	**0.9**	*0.01*	0.10	*0.00*	11726	**1.4**	*0.01*	0.16	*0.00*
USA, SEER (9 registries)	911	**1.0**	*0.03*	0.11	*0.00*	1304	**1.2**	*0.04*	0.14	*0.00*
*USA, SEER (9 registries): Black	133	**1.5**	*0.13*	0.15	*0.02*	131	**1.2**	*0.11*	0.14	*0.02*
*USA, SEER (9 registries): White	743	**1.0**	*0.04*	0.11	*0.01*	1125	**1.3**	*0.04*	0.15	*0.01*
USA, SEER (18 registries)	2535	**1.0**	*0.02*	0.11	*0.00*	3912	**1.3**	*0.02*	0.15	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	72	**0.3**	*0.04*	0.04	*0.01*	95	**0.3**	*0.04*	0.04	*0.01*
*USA, SEER (18 registries): Black	308	**1.2**	*0.07*	0.13	*0.01*	358	**1.2**	*0.06*	0.14	*0.01*
*USA, SEER (18 registries): Hispanic White	182	**0.6**	*0.04*	0.06	*0.01*	310	**0.9**	*0.05*	0.11	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	1941	**1.1**	*0.02*	0.12	*0.00*	3109	**1.5**	*0.03*	0.17	*0.00*
*USA, SEER (18 registries): White	2123	**1.0**	*0.02*	0.11	*0.00*	3419	**1.4**	*0.03*	0.16	*0.00*
USA, Alabama	137	**0.9**	*0.08*	0.10	*0.01*	238	**1.3**	*0.09*	0.15	*0.01*
USA, Alabama: Black	30	**1.0**	*0.18*	0.10	*0.02*	42	**1.0**	*0.16*	0.11	*0.02*
USA, Alabama: White	106	**0.9**	*0.09*	0.10	*0.01*	195	**1.4**	*0.11*	0.16	*0.01*
USA, Alaska	25	**1.3**	*0.26*	0.14	*0.04*	40	**2.0**	*0.33*	0.23	*0.05*
*USA, Alaska: American Indian	8	**3.0**	*1.08*	0.39	*0.16*	6	**2.3**	*0.97*	0.31	*0.14*
USA, Arizona	155	**0.8**	*0.06*	0.08	*0.01*	241	**1.1**	*0.08*	0.13	*0.01*
USA, Arizona: American Indian	2	**0.3**	*0.19*	0.02	*0.02*	1	**0.1**	*0.12*	0.01	*0.01*
USA, Arizona: Asian and Pacific Islander	0	**-**	-	–	-	3	**0.6**	*0.33*	0.05	*0.03*
USA, Arizona: Black	12	**2.0**	*0.58*	0.25	*0.09*	6	**1.0**	*0.41*	0.10	*0.04*
USA, Arizona: White	139	**0.7**	*0.07*	0.08	*0.01*	227	**1.1**	*0.08*	0.13	*0.01*
USA, Arkansas	92	**0.9**	*0.10*	0.10	*0.01*	160	**1.4**	*0.12*	0.17	*0.02*
USA, Arkansas: Black	12	**1.2**	*0.36*	0.15	*0.05*	10	**0.7**	*0.24*	0.08	*0.03*
USA, Arkansas: White	80	**0.9**	*0.11*	0.10	*0.01*	148	**1.6**	*0.14*	0.18	*0.02*
USA, California	1184	**1.1**	*0.03*	0.12	*0.00*	1673	**1.3**	*0.03*	0.15	*0.00*
USA, California: American Indian	6	**0.4**	*0.16*	0.03	*0.01*	5	**0.3**	*0.15*	0.03	*0.02*
USA, California: Asian and Pacific Islander	48	**0.3**	*0.05*	0.04	*0.01*	66	**0.4**	*0.05*	0.04	*0.01*
USA, California: Black	87	**1.2**	*0.13*	0.13	*0.02*	105	**1.3**	*0.13*	0.16	*0.02*
USA, California: White	1028	**1.1**	*0.04*	0.13	*0.00*	1481	**1.5**	*0.04*	0.17	*0.01*
USA, California, Los Angeles County	318	**1.1**	*0.06*	0.12	*0.01*	408	**1.2**	*0.06*	0.14	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	20	**0.5**	*0.11*	0.05	*0.01*	26	**0.4**	*0.09*	0.04	*0.01*
*USA, California, Los Angeles County: Black	34	**1.3**	*0.22*	0.12	*0.02*	45	**1.3**	*0.19*	0.16	*0.03*
*USA, California, Los Angeles County: Chinese	5	**0.5**	*0.21*	0.07	*0.03*	15	**0.9**	*0.25*	0.09	*0.03*
*USA, California, Los Angeles County: Filipino	4	**0.5**	*0.24*	0.05	*0.03*	1	**0.1**	*0.08*	0.01	*0.01*
*USA, California, Los Angeles County: Hispanic White	61	**0.7**	*0.10*	0.08	*0.01*	82	**0.8**	*0.09*	0.09	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Anus (C21) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	3	**0.6**	*0.36*	0.04	*0.03*	7	**0.8**	*0.33*	0.09	*0.04*
*USA, California, Los Angeles County: Korean	4	**0.6**	*0.32*	0.05	*0.04*	2	**0.1**	*0.10*	–	-
*USA, California, Los Angeles County: Non−Hispanic White	201	**1.6**	*0.12*	0.16	*0.01*	252	**1.7**	*0.12*	0.21	*0.02*
*USA, California, Los Angeles County: White	262	**1.2**	*0.08*	0.13	*0.01*	334	**1.3**	*0.08*	0.16	*0.01*
USA, California, San Francisco Bay Area	218	**1.5**	*0.11*	0.17	*0.01*	183	**1.1**	*0.08*	0.13	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	12	**0.4**	*0.11*	0.05	*0.02*	12	**0.3**	*0.10*	0.04	*0.01*
*USA, California, San Francisco Bay Area: Black	23	**1.8**	*0.39*	0.19	*0.04*	25	**1.6**	*0.33*	0.20	*0.05*
*USA, California, San Francisco Bay Area: Hispanic White	14	**0.9**	*0.25*	0.11	*0.04*	18	**1.0**	*0.24*	0.12	*0.04*
*USA, California, San Francisco Bay Area: Non−Hispanic White	168	**2.0**	*0.16*	0.22	*0.02*	126	**1.3**	*0.13*	0.15	*0.02*
*USA, California, San Francisco Bay Area: White	182	**1.8**	*0.14*	0.20	*0.02*	144	**1.2**	*0.11*	0.14	*0.02*
USA, Colorado	119	**0.8**	*0.07*	0.08	*0.01*	221	**1.3**	*0.09*	0.15	*0.01*
USA, Colorado: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Colorado: Black	5	**0.9**	*0.42*	0.09	*0.05*	4	**0.7**	*0.35*	0.08	*0.06*
USA, Colorado: White	111	**0.8**	*0.08*	0.08	*0.01*	214	**1.4**	*0.10*	0.16	*0.01*
USA, Connecticut	114	**0.9**	*0.09*	0.10	*0.01*	174	**1.2**	*0.09*	0.12	*0.01*
*USA, Connecticut: Black	12	**1.4**	*0.42*	0.15	*0.06*	16	**1.2**	*0.32*	0.11	*0.04*
*USA, Connecticut: White	102	**0.9**	*0.09*	0.10	*0.01*	157	**1.2**	*0.10*	0.13	*0.01*
USA, Delaware	28	**0.9**	*0.18*	0.10	*0.02*	54	**1.8**	*0.25*	0.20	*0.03*
USA, Delaware: Black	6	**1.1**	*0.47*	0.05	*0.03*	8	**1.3**	*0.46*	0.13	*0.06*
USA, Delaware: White	21	**0.9**	*0.19*	0.10	*0.03*	46	**1.9**	*0.29*	0.22	*0.03*
USA, Florida	727	**1.1**	*0.04*	0.12	*0.01*	1227	**1.6**	*0.05*	0.18	*0.01*
USA, Florida: Asian and Pacific Islander	6	**0.4**	*0.19*	0.03	*0.01*	4	**0.3**	*0.16*	0.06	*0.03*
USA, Florida: Black	66	**0.9**	*0.11*	0.09	*0.01*	83	**1.0**	*0.11*	0.11	*0.02*
USA, Florida: White	646	**1.1**	*0.05*	0.12	*0.01*	1132	**1.7**	*0.06*	0.20	*0.01*
USA, Georgia	273	**1.0**	*0.06*	0.11	*0.01*	382	**1.2**	*0.06*	0.15	*0.01*
USA, Georgia: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.20*	0.05	*0.05*
USA, Georgia: Black	73	**1.1**	*0.13*	0.11	*0.02*	69	**0.9**	*0.11*	0.11	*0.02*
USA, Georgia: White	198	**1.0**	*0.07*	0.11	*0.01*	311	**1.4**	*0.08*	0.17	*0.01*
USA, Georgia, Atlanta	117	**1.2**	*0.12*	0.13	*0.02*	128	**1.2**	*0.11*	0.16	*0.02*
*USA, Georgia, Atlanta: Black	40	**1.3**	*0.21*	0.13	*0.03*	32	**1.0**	*0.18*	0.12	*0.03*
*USA, Georgia, Atlanta: White	75	**1.3**	*0.15*	0.13	*0.02*	96	**1.5**	*0.16*	0.19	*0.02*
USA, Idaho	31	**0.7**	*0.13*	0.08	*0.02*	65	**1.3**	*0.17*	0.17	*0.02*
USA, Illinois	421	**1.0**	*0.05*	0.11	*0.01*	579	**1.2**	*0.05*	0.14	*0.01*
USA, Illinois: Asian and Pacific Islander	4	**0.3**	*0.14*	0.02	*0.01*	3	**0.2**	*0.11*	0.02	*0.02*
USA, Illinois: Black	89	**1.8**	*0.19*	0.17	*0.02*	68	**1.1**	*0.13*	0.13	*0.02*
USA, Illinois: White	319	**0.9**	*0.05*	0.10	*0.01*	505	**1.2**	*0.06*	0.14	*0.01*
USA, Indiana	177	**0.8**	*0.07*	0.09	*0.01*	376	**1.5**	*0.08*	0.17	*0.01*
USA, Indiana: Black	15	**1.0**	*0.27*	0.10	*0.03*	22	**1.3**	*0.29*	0.14	*0.03*
USA, Indiana: White	160	**0.8**	*0.07*	0.09	*0.01*	353	**1.6**	*0.09*	0.18	*0.01*
USA, Iowa	75	**0.7**	*0.08*	0.08	*0.01*	165	**1.4**	*0.12*	0.15	*0.01*
USA, Kentucky	135	**1.0**	*0.08*	0.11	*0.01*	268	**1.6**	*0.10*	0.17	*0.01*
USA, Louisiana	110	**1.0**	*0.10*	0.11	*0.01*	161	**1.1**	*0.10*	0.13	*0.01*
*USA, Louisiana: Black	31	**1.1**	*0.20*	0.13	*0.03*	37	**1.0**	*0.17*	0.11	*0.02*
*USA, Louisiana: White	78	**1.0**	*0.11*	0.10	*0.01*	123	**1.2**	*0.12*	0.14	*0.02*
*USA, Louisiana, New Orleans	26	**1.3**	*0.26*	0.17	*0.04*	31	**1.1**	*0.21*	0.13	*0.03*
*USA, Louisiana, New Orleans: Black	10	**1.4**	*0.46*	0.15	*0.05*	12	**1.3**	*0.38*	0.14	*0.05*
*USA, Louisiana, New Orleans: White	16	**1.3**	*0.33*	0.18	*0.05*	19	**1.1**	*0.28*	0.13	*0.03*
USA, Maine	59	**1.3**	*0.17*	0.16	*0.02*	86	**1.4**	*0.16*	0.15	*0.02*
USA, Massachusetts	197	**0.9**	*0.06*	0.10	*0.01*	316	**1.2**	*0.07*	0.14	*0.01*
USA, Massachusetts: Asian and Pacific Islander	1	**0.1**	*0.14*	0.02	*0.02*	4	**0.5**	*0.26*	0.09	*0.06*
USA, Massachusetts: Black	9	**0.9**	*0.30*	0.11	*0.05*	13	**0.9**	*0.26*	0.09	*0.03*
USA, Massachusetts: White	186	**0.9**	*0.07*	0.10	*0.01*	294	**1.2**	*0.08*	0.14	*0.01*
USA, Michigan	265	**0.8**	*0.05*	0.08	*0.01*	507	**1.3**	*0.06*	0.15	*0.01*
USA, Michigan: Asian and Pacific Islander	1	**0.2**	*0.17*	0.02	*0.02*	0	**-**	-	–	-
USA, Michigan: Black	57	**1.5**	*0.20*	0.15	*0.02*	64	**1.4**	*0.18*	0.17	*0.03*
USA, Michigan: White	201	**0.7**	*0.05*	0.07	*0.01*	437	**1.3**	*0.07*	0.14	*0.01*
USA, Michigan, Detroit	114	**0.8**	*0.08*	0.09	*0.01*	202	**1.3**	*0.09*	0.14	*0.01*
*USA, Michigan, Detroit: Black	45	**1.6**	*0.25*	0.15	*0.03*	48	**1.4**	*0.20*	0.15	*0.03*
*USA, Michigan, Detroit: White	67	**0.6**	*0.08*	0.07	*0.01*	153	**1.3**	*0.11*	0.15	*0.01*
USA, Mississippi	106	**1.2**	*0.12*	0.14	*0.01*	119	**1.0**	*0.10*	0.12	*0.01*
USA, Missouri	202	**1.0**	*0.08*	0.12	*0.01*	367	**1.6**	*0.09*	0.18	*0.01*
USA, Missouri: Black	22	**1.4**	*0.30*	0.15	*0.04*	34	**1.6**	*0.28*	0.18	*0.04*
USA, Missouri: White	177	**1.0**	*0.08*	0.11	*0.01*	332	**1.6**	*0.10*	0.19	*0.01*
USA, Montana	23	**0.6**	*0.14*	0.09	*0.02*	48	**1.3**	*0.19*	0.15	*0.03*
USA, Montana: American Indian	2	**1.3**	*0.93*	0.16	*0.12*	1	**0.6**	*0.57*	0.05	*0.05*
USA, Nebraska	40	**0.7**	*0.12*	0.08	*0.01*	68	**1.1**	*0.13*	0.13	*0.02*
USA, Nebraska: Black	0	**-**	-	–	-	3	**1.5**	*0.84*	0.14	*0.08*
USA, Nebraska: White	36	**0.7**	*0.12*	0.07	*0.01*	64	**1.0**	*0.14*	0.13	*0.02*
USA, New Hampshire	30	**0.6**	*0.12*	0.07	*0.02*	65	**1.1**	*0.15*	0.13	*0.02*
USA, New Jersey	249	**0.9**	*0.06*	0.10	*0.01*	429	**1.2**	*0.06*	0.13	*0.01*
*USA, New Jersey: Black	41	**1.3**	*0.20*	0.16	*0.03*	58	**1.3**	*0.18*	0.16	*0.02*
*USA, New Jersey: White	202	**0.8**	*0.06*	0.09	*0.01*	366	**1.2**	*0.07*	0.14	*0.01*
USA, New Mexico	51	**0.8**	*0.11*	0.10	*0.02*	91	**1.3**	*0.14*	0.15	*0.02*
*USA, New Mexico: Hispanic White	7	**0.3**	*0.12*	0.02	*0.01*	21	**0.9**	*0.20*	0.10	*0.02*
*USA, New Mexico: Non−Hispanic White	42	**1.2**	*0.19*	0.15	*0.03*	64	**1.6**	*0.21*	0.20	*0.03*
*USA, New Mexico: White	49	**0.8**	*0.13*	0.11	*0.02*	85	**1.3**	*0.15*	0.16	*0.02*
USA, New York State	745	**1.1**	*0.04*	0.12	*0.01*	996	**1.2**	*0.04*	0.14	*0.01*
USA, New York State: Asian and Pacific Islander	13	**0.3**	*0.09*	0.02	*0.01*	13	**0.3**	*0.08*	0.03	*0.01*
USA, New York State: Black	144	**1.6**	*0.14*	0.17	*0.02*	134	**1.1**	*0.10*	0.13	*0.01*
USA, New York State: White	569	**1.1**	*0.05*	0.12	*0.01*	832	**1.3**	*0.05*	0.15	*0.01*
USA, North Carolina	253	**0.9**	*0.06*	0.10	*0.01*	463	**1.3**	*0.07*	0.15	*0.01*
USA, North Carolina: American Indian	3	**1.0**	*0.56*	0.06	*0.04*	2	**0.6**	*0.40*	0.05	*0.04*
USA, North Carolina: Asian and Pacific Islander	1	**0.2**	*0.25*	0.02	*0.02*	2	**0.5**	*0.39*	0.08	*0.08*
USA, North Carolina: Black	55	**1.1**	*0.15*	0.11	*0.02*	67	**1.1**	*0.13*	0.12	*0.02*
USA, North Carolina: White	192	**0.8**	*0.06*	0.09	*0.01*	389	**1.4**	*0.08*	0.16	*0.01*
USA, North Dakota	6	**0.3**	*0.12*	0.03	*0.01*	18	**0.6**	*0.17*	0.07	*0.02*
USA, Ohio	347	**0.9**	*0.05*	0.10	*0.01*	588	**1.3**	*0.06*	0.14	*0.01*
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Ohio: Black	48	**1.3**	*0.19*	0.15	*0.02*	45	**1.0**	*0.15*	0.11	*0.02*
USA, Ohio: White	295	**0.8**	*0.05*	0.10	*0.01*	533	**1.3**	*0.06*	0.14	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Anus (C21) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	116	**1.0**	*0.09*	0.12	*0.01*	210	**1.6**	*0.11*	0.18	*0.01*
USA, Oklahoma: American Indian	7	**0.9**	*0.33*	0.10	*0.05*	25	**2.9**	*0.58*	0.33	*0.08*
USA, Oklahoma: Black	7	**1.0**	*0.39*	0.10	*0.06*	10	**1.1**	*0.36*	0.11	*0.04*
USA, Oklahoma: White	102	**1.0**	*0.10*	0.12	*0.01*	173	**1.5**	*0.12*	0.18	*0.02*
USA, Oregon	140	**1.1**	*0.09*	0.12	*0.01*	237	**1.6**	*0.11*	0.19	*0.01*
USA, Oregon: Asian and Pacific Islander	1	**0.2**	*0.19*	–	-	0	**-**	-	–	-
USA, Oregon: Black	2	**0.9**	*0.66*	0.03	*0.03*	2	**1.2**	*0.92*	0.10	*0.10*
USA, Oregon: White	132	**1.1**	*0.10*	0.12	*0.01*	233	**1.7**	*0.12*	0.20	*0.02*
USA, Pennsylvania	415	**0.9**	*0.05*	0.11	*0.01*	690	**1.3**	*0.05*	0.15	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	4	**0.7**	*0.34*	0.06	*0.04*	4	**0.5**	*0.27*	0.08	*0.05*
USA, Pennsylvania: Black	55	**1.7**	*0.23*	0.21	*0.03*	66	**1.4**	*0.19*	0.16	*0.02*
USA, Pennsylvania: White	351	**0.8**	*0.05*	0.10	*0.01*	610	**1.3**	*0.06*	0.15	*0.01*
USA, Rhode Island	36	**1.0**	*0.17*	0.13	*0.03*	46	**1.1**	*0.17*	0.11	*0.02*
USA, Rhode Island: Black	1	**0.6**	*0.55*	0.06	*0.06*	3	**1.5**	*0.87*	0.13	*0.07*
USA, Rhode Island: White	35	**1.0**	*0.18*	0.14	*0.03*	43	**1.0**	*0.18*	0.11	*0.02*
USA, South Carolina	131	**0.9**	*0.08*	0.10	*0.01*	213	**1.2**	*0.09*	0.14	*0.01*
USA, South Carolina: Black	44	**1.4**	*0.21*	0.14	*0.03*	36	**0.8**	*0.14*	0.09	*0.02*
USA, South Carolina: White	85	**0.8**	*0.09*	0.09	*0.01*	175	**1.4**	*0.11*	0.16	*0.01*
USA, South Dakota	13	**0.5**	*0.14*	0.05	*0.02*	32	**1.0**	*0.20*	0.11	*0.02*
USA, Tennessee	163	**0.8**	*0.06*	0.09	*0.01*	329	**1.4**	*0.08*	0.15	*0.01*
USA, Tennessee: Black	24	**1.0**	*0.22*	0.13	*0.03*	32	**1.0**	*0.18*	0.11	*0.02*
USA, Tennessee: White	138	**0.8**	*0.07*	0.09	*0.01*	296	**1.5**	*0.09*	0.16	*0.01*
USA, Texas	603	**0.9**	*0.04*	0.10	*0.00*	827	**1.1**	*0.04*	0.12	*0.01*
USA, Texas: Asian and Pacific Islander	5	**0.3**	*0.13*	0.02	*0.01*	8	**0.4**	*0.13*	0.04	*0.01*
USA, Texas: Black	80	**1.2**	*0.14*	0.14	*0.02*	77	**1.0**	*0.11*	0.11	*0.02*
USA, Texas: White	512	**0.9**	*0.04*	0.10	*0.01*	738	**1.1**	*0.04*	0.13	*0.01*
USA, Utah	35	**0.5**	*0.09*	0.06	*0.01*	59	**0.8**	*0.11*	0.10	*0.02*
USA, Vermont	21	**1.0**	*0.21*	0.12	*0.03*	27	**1.1**	*0.22*	0.12	*0.03*
USA, Virginia	204	**0.8**	*0.06*	0.09	*0.01*	354	**1.2**	*0.07*	0.14	*0.01*
USA, Virginia: Asian and Pacific Islander	2	**0.2**	*0.15*	0.01	*0.01*	4	**0.4**	*0.19*	0.05	*0.03*
USA, Virginia: Black	41	**1.1**	*0.17*	0.13	*0.02*	46	**0.8**	*0.13*	0.09	*0.02*
USA, Virginia: White	159	**0.8**	*0.06*	0.08	*0.01*	294	**1.3**	*0.08*	0.15	*0.01*
USA, Washington State	192	**0.9**	*0.07*	0.10	*0.01*	371	**1.5**	*0.08*	0.17	*0.01*
USA, Washington, Seattle	148	**1.0**	*0.09*	0.12	*0.01*	269	**1.6**	*0.10*	0.17	*0.01*
USA, West Virginia	53	**0.8**	*0.11*	0.10	*0.02*	117	**1.5**	*0.15*	0.16	*0.02*
USA, Wisconsin	128	**0.6**	*0.06*	0.07	*0.01*	248	**1.1**	*0.08*	0.12	*0.01*
USA, Wisconsin: Black	11	**1.4**	*0.45*	0.15	*0.05*	14	**1.5**	*0.42*	0.15	*0.05*
USA, Wisconsin: White	113	**0.6**	*0.06*	0.06	*0.01*	228	**1.1**	*0.08*	0.12	*0.01*
USA, Wyoming	14	**0.7**	*0.19*	0.10	*0.03*	22	**1.1**	*0.24*	0.12	*0.03*
Asia										
Bahrain: Bahraini	6	**0.8**	*0.34*	0.08	*0.04*	2	**0.3**	*0.21*	0.03	*0.03*
China, Beijing City	35	**0.1**	*0.02*	0.01	*0.00*	25	**0.1**	*0.02*	0.01	*0.00*
*China, Cixian County	4	**0.3**	*0.13*	0.04	*0.02*	2	**0.2**	*0.12*	0.02	*0.02*
China, Haining County	6	**0.3**	*0.13*	0.06	*0.02*	2	**0.1**	*0.07*	0.01	*0.01*
*China, Harbin City, Nangang District	7	**0.2**	*0.09*	0.04	*0.02*	2	**0.1**	*0.04*	0.01	*0.01*
China, Hong Kong	108	**0.4**	*0.04*	0.04	*0.01*	88	**0.3**	*0.03*	0.03	*0.00*
China, Jiashan County	3	**0.2**	*0.11*	0.04	*0.02*	1	**0.0**	*0.04*	–	-
China, Jiaxing City	1	**0.1**	*0.08*	0.02	*0.02*	2	**0.1**	*0.08*	–	-
China, Macao	5	**0.3**	*0.13*	0.01	*0.01*	7	**0.4**	*0.18*	0.04	*0.03*
China, Qidong County	5	**0.1**	*0.05*	0.01	*0.01*	7	**0.1**	*0.06*	0.02	*0.01*
*China, Shanghai City	70	**0.2**	*0.03*	0.03	*0.00*	67	**0.2**	*0.03*	0.02	*0.00*
*China, Wuhan City	40	**0.3**	*0.04*	0.03	*0.01*	39	**0.3**	*0.04*	0.03	*0.01*
*China, Yangcheng County	2	**0.2**	*0.11*	0.01	*0.01*	0	**-**	-	–	-
*China, Yanting County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Zhongshan City	4	**0.2**	*0.09*	0.02	*0.01*	4	**0.1**	*0.06*	0.01	*0.01*
*India, Bangalore	33	**0.5**	*0.08*	0.06	*0.01*	23	**0.3**	*0.07*	0.03	*0.01*
*India; Barshi, Paranda, and Bhum	3	**0.2**	*0.09*	0.02	*0.02*	3	**0.3**	*0.18*	0.04	*0.02*
*India, Bhopal	10	**0.4**	*0.13*	0.05	*0.02*	11	**0.5**	*0.16*	0.06	*0.02*
*India, Chennai	69	**0.7**	*0.08*	0.08	*0.01*	49	**0.5**	*0.07*	0.07	*0.01*
*India, Dindigul, Ambilikkai	14	**0.3**	*0.07*	0.03	*0.01*	9	**0.2**	*0.06*	0.02	*0.01*
*India, Karunagappally	3	**0.3**	*0.16*	0.06	*0.03*	4	**0.3**	*0.15*	0.03	*0.02*
*India, Mizoram	1	**0.1**	*0.07*	0.02	*0.02*	3	**0.2**	*0.11*	0.03	*0.02*
*India, Mumbai	102	**0.4**	*0.04*	0.05	*0.01*	70	**0.3**	*0.04*	0.03	*0.00*
*India, New Delhi	170	**0.7**	*0.05*	0.08	*0.01*	87	**0.4**	*0.04*	0.05	*0.01*
*India, Poona	31	**0.4**	*0.08*	0.05	*0.01*	27	**0.4**	*0.08*	0.05	*0.01*
*India, Sikkim State	3	**0.4**	*0.21*	0.03	*0.02*	3	**0.4**	*0.25*	0.07	*0.05*
*India, Trivandrum	2	**0.1**	*0.10*	0.02	*0.01*	6	**0.3**	*0.13*	0.06	*0.03*
*Iran (Islamic Republic of), Golestan Province	10	**0.6**	*0.21*	0.07	*0.03*	5	**0.4**	*0.17*	0.06	*0.03*
Israel	57	**0.3**	*0.04*	0.03	*0.01*	101	**0.4**	*0.05*	0.05	*0.01*
*Israel: Jews	56	**0.3**	*0.05*	0.04	*0.01*	99	**0.5**	*0.05*	0.06	*0.01*
*Israel: Non–Jews	1	**0.0**	*0.03*	0.00	*0.00*	2	**0.1**	*0.07*	0.00	*0.00*
Japan, Aichi Prefecture	18	**0.3**	*0.07*	0.04	*0.01*	13	**0.2**	*0.07*	0.02	*0.01*
Japan, Fukui Prefecture	12	**0.2**	*0.07*	0.03	*0.01*	12	**0.2**	*0.07*	0.02	*0.01*
Japan, Hiroshima	15	**0.3**	*0.07*	0.03	*0.01*	21	**0.3**	*0.08*	0.02	*0.01*
Japan, Miyagi Prefecture	39	**0.3**	*0.06*	0.04	*0.01*	38	**0.2**	*0.05*	0.03	*0.01*
Japan, Nagasaki Prefecture	18	**0.2**	*0.05*	0.02	*0.01*	23	**0.2**	*0.04*	0.02	*0.01*
Japan, Niigata Prefecture	41	**0.3**	*0.05*	0.03	*0.01*	45	**0.2**	*0.04*	0.02	*0.01*
*Japan, Osaka Prefecture	186	**0.4**	*0.03*	0.05	*0.00*	141	**0.2**	*0.02*	0.03	*0.00*
Japan, Saga Prefecture	11	**0.2**	*0.07*	0.02	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
Republic of Korea	450	**0.4**	*0.02*	0.04	*0.00*	482	**0.3**	*0.01*	0.03	*0.00*
Republic of Korea, Busan	29	**0.3**	*0.05*	0.03	*0.01*	31	**0.2**	*0.04*	0.03	*0.01*
Republic of Korea, Daegu	24	**0.4**	*0.09*	0.05	*0.01*	21	**0.3**	*0.06*	0.03	*0.01*
Republic of Korea, Daejeon	13	**0.4**	*0.11*	0.05	*0.02*	25	**0.6**	*0.12*	0.05	*0.01*
Republic of Korea, Gwangju	10	**0.3**	*0.11*	0.02	*0.01*	18	**0.4**	*0.10*	0.04	*0.01*
Republic of Korea, Incheon	15	**0.3**	*0.07*	0.04	*0.01*	23	**0.3**	*0.06*	0.03	*0.01*
Republic of Korea, Jejudo	5	**0.5**	*0.20*	0.05	*0.03*	4	**0.3**	*0.14*	0.03	*0.02*
Republic of Korea, Seoul	106	**0.4**	*0.04*	0.06	*0.01*	91	**0.3**	*0.03*	0.04	*0.00*
Republic of Korea, Ulsan	9	**0.4**	*0.15*	0.06	*0.03*	5	**0.2**	*0.07*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Anus (C21) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	11	**0.1**	*0.04*	0.01	*0.01*	9	**0.3**	*0.12*	0.04	*0.02*
*Kuwait: Kuwaitis	4	**0.3**	*0.16*	0.04	*0.02*	6	**0.4**	*0.19*	0.06	*0.04*
*Kuwait: Non−Kuwaitis	7	**0.1**	*0.04*	0.01	*0.00*	3	**0.1**	*0.07*	0.01	*0.01*
*Malaysia, Penang	6	**0.3**	*0.12*	0.03	*0.02*	6	**0.2**	*0.10*	0.03	*0.01*
*Malaysia, Penang: Chinese	2	**0.2**	*0.12*	0.03	*0.02*	2	**0.1**	*0.09*	0.01	*0.01*
*Malaysia, Penang: Indian	0	**-**	-	–	-	1	**0.3**	*0.31*	0.03	*0.03*
*Malaysia, Penang: Malay	4	**0.6**	*0.30*	0.01	*0.01*	3	**0.4**	*0.23*	0.04	*0.03*
*Philippines, Manila	28	**0.3**	*0.06*	0.03	*0.01*	28	**0.3**	*0.05*	0.03	*0.01*
*Philippines, Rizal	17	**0.2**	*0.05*	0.03	*0.01*	19	**0.2**	*0.05*	0.03	*0.01*
Qatar: Qatari	1	**0.5**	*0.51*	0.09	*0.09*	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	9	**0.2**	*0.08*	0.03	*0.01*	14	**0.3**	*0.08*	0.04	*0.01*
Singapore	59	**0.6**	*0.08*	0.06	*0.01*	43	**0.3**	*0.05*	0.03	*0.01*
Singapore: Chinese	51	**0.6**	*0.09*	0.06	*0.01*	38	**0.4**	*0.06*	0.03	*0.01*
Singapore: Indian	1	**0.1**	*0.13*	0.03	*0.03*	2	**0.2**	*0.16*	0.02	*0.02*
Singapore: Malay	7	**0.7**	*0.28*	0.06	*0.03*	2	**0.2**	*0.16*	0.04	*0.03*
Thailand, Bangkok	28	**0.2**	*0.04*	0.03	*0.01*	40	**0.2**	*0.04*	0.02	*0.00*
Thailand, Chiang Mai	6	**0.1**	*0.05*	0.01	*0.00*	16	**0.3**	*0.08*	0.03	*0.01*
Thailand, Chonburi	2	**0.1**	*0.04*	0.00	*0.00*	3	**0.1**	*0.06*	0.01	*0.01*
*Thailand, Khon Kaen	7	**0.2**	*0.07*	0.03	*0.01*	6	**0.1**	*0.05*	0.01	*0.01*
Thailand, Lampang	1	**0.0**	*0.04*	0.00	*0.00*	6	**0.2**	*0.08*	0.02	*0.01*
*Thailand, Songkhla	7	**0.3**	*0.11*	0.04	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
*Turkey, Antalya	8	**0.2**	*0.08*	0.03	*0.01*	15	**0.4**	*0.10*	0.05	*0.02*
*Turkey, Edirne	3	**0.4**	*0.21*	0.04	*0.02*	1	**0.1**	*0.10*	0.02	*0.02*
*Turkey, Izmir	33	**0.3**	*0.06*	0.03	*0.01*	22	**0.2**	*0.04*	0.03	*0.01*
*Turkey, Trabzon	0	**-**	-	–	-	0	**-**	-	–	-
Europe										
Austria	196	**0.6**	*0.04*	0.07	*0.01*	378	**0.9**	*0.05*	0.10	*0.01*
Austria, Tyrol	16	**0.6**	*0.17*	0.06	*0.02*	38	**1.3**	*0.23*	0.15	*0.03*
Austria, Vorarlberg	4	**0.3**	*0.15*	0.03	*0.02*	13	**0.8**	*0.24*	0.08	*0.03*
*Belarus	55	**0.2**	*0.03*	0.02	*0.00*	109	**0.2**	*0.02*	0.03	*0.00*
*Belgium	204	**0.6**	*0.04*	0.07	*0.01*	310	**0.7**	*0.05*	0.08	*0.01*
Bulgaria	167	**0.5**	*0.04*	0.07	*0.01*	127	**0.4**	*0.03*	0.04	*0.00*
Croatia	41	**0.3**	*0.04*	0.03	*0.00*	73	**0.3**	*0.04*	0.03	*0.00*
Cyprus	8	**0.3**	*0.11*	0.04	*0.02*	14	**0.5**	*0.16*	0.08	*0.02*
Czech Republic	192	**0.5**	*0.04*	0.05	*0.00*	348	**0.7**	*0.04*	0.08	*0.01*
Denmark	157	**0.7**	*0.06*	0.08	*0.01*	332	**1.4**	*0.08*	0.16	*0.01*
*Estonia	17	**0.4**	*0.09*	0.05	*0.01*	48	**0.6**	*0.09*	0.07	*0.01*
Finland	65	**0.3**	*0.04*	0.03	*0.00*	115	**0.4**	*0.05*	0.05	*0.01*
*France, Bas−Rhin	12	**0.3**	*0.10*	0.04	*0.01*	35	**0.7**	*0.13*	0.07	*0.01*
*France, Calvados	19	**0.8**	*0.18*	0.08	*0.02*	40	**1.2**	*0.22*	0.13	*0.03*
*France, Doubs	14	**0.8**	*0.22*	0.09	*0.03*	21	**1.0**	*0.23*	0.10	*0.03*
*France, Haut−Rhin	16	**0.6**	*0.14*	0.06	*0.02*	36	**0.9**	*0.17*	0.10	*0.02*
*France, Hérault	27	**0.8**	*0.16*	0.07	*0.02*	90	**1.9**	*0.23*	0.21	*0.03*
*France, Isère	20	**0.5**	*0.11*	0.05	*0.01*	68	**1.3**	*0.18*	0.14	*0.02*
*France, Loire−Atlantique	32	**0.7**	*0.13*	0.08	*0.02*	78	**1.5**	*0.19*	0.17	*0.02*
*France, Manche	11	**0.5**	*0.17*	0.06	*0.02*	25	**0.7**	*0.19*	0.08	*0.03*
*France, Somme	16	**0.6**	*0.17*	0.07	*0.02*	29	**1.2**	*0.25*	0.14	*0.03*
*France, Tarn	9	**0.4**	*0.17*	0.05	*0.02*	19	**0.8**	*0.22*	0.10	*0.03*
*France, Vendée	11	**0.4**	*0.14*	0.04	*0.02*	36	**1.3**	*0.24*	0.15	*0.03*
Germany, Brandenburg	66	**0.6**	*0.07*	0.06	*0.01*	144	**1.0**	*0.10*	0.11	*0.01*
Germany, Bremen	29	**1.1**	*0.20*	0.13	*0.03*	35	**1.0**	*0.19*	0.12	*0.02*
Germany, Free State of Saxony	103	**0.5**	*0.06*	0.06	*0.01*	214	**0.8**	*0.06*	0.08	*0.01*
Germany, Hamburg	109	**1.5**	*0.15*	0.16	*0.02*	153	**1.8**	*0.16*	0.21	*0.02*
Germany, Mecklenburg−Western Pomerania	41	**0.6**	*0.09*	0.06	*0.01*	77	**0.8**	*0.10*	0.10	*0.01*
Germany, Munich	107	**0.7**	*0.07*	0.07	*0.01*	259	**1.3**	*0.09*	0.14	*0.01*
Germany, North Rhine−Westphalia	69	**0.6**	*0.08*	0.07	*0.01*	126	**1.0**	*0.10*	0.11	*0.01*
Germany, Saarland	33	**0.7**	*0.14*	0.08	*0.02*	50	**0.9**	*0.14*	0.11	*0.02*
Germany, Schleswig−Holstein	123	**1.0**	*0.09*	0.11	*0.01*	215	**1.5**	*0.11*	0.16	*0.01*
Iceland	6	**0.6**	*0.24*	0.06	*0.03*	10	**0.8**	*0.27*	0.10	*0.04*
Ireland	64	**0.5**	*0.06*	0.05	*0.01*	94	**0.6**	*0.07*	0.08	*0.01*
Italy, Biella	9	**0.8**	*0.28*	0.13	*0.05*	15	**1.1**	*0.34*	0.11	*0.04*
Italy, Brescia	16	**0.4**	*0.11*	0.05	*0.02*	43	**0.9**	*0.16*	0.10	*0.02*
Italy, Catania and Messina	20	**0.5**	*0.12*	0.05	*0.01*	24	**0.5**	*0.11*	0.05	*0.01*
Italy, Catanzaro	7	**0.5**	*0.19*	0.07	*0.04*	9	**0.7**	*0.26*	0.09	*0.04*
Italy, Como	19	**0.8**	*0.18*	0.08	*0.02*	29	**0.9**	*0.18*	0.10	*0.02*
Italy, Ferrara	21	**0.9**	*0.23*	0.09	*0.03*	23	**0.7**	*0.18*	0.06	*0.02*
Italy, Florence and Prato	42	**0.9**	*0.16*	0.10	*0.02*	46	**1.0**	*0.17*	0.12	*0.02*
Italy, Friuli−Venezia Giulia	41	**0.6**	*0.10*	0.07	*0.01*	78	**0.8**	*0.11*	0.09	*0.02*
Italy, Genoa	44	**1.3**	*0.20*	0.14	*0.03*	72	**1.4**	*0.20*	0.15	*0.02*
Italy, Latina	20	**0.7**	*0.18*	0.06	*0.02*	37	**1.3**	*0.25*	0.16	*0.03*
Italy, Lecco	6	**0.4**	*0.16*	0.06	*0.03*	9	**0.4**	*0.14*	0.05	*0.02*
Italy, Lombardy, South	5	**0.3**	*0.13*	0.04	*0.02*	19	**0.7**	*0.20*	0.07	*0.02*
Italy, Mantua	7	**0.5**	*0.22*	0.05	*0.03*	5	**0.3**	*0.15*	0.04	*0.02*
Italy, Milan	22	**0.5**	*0.10*	0.05	*0.01*	58	**1.0**	*0.15*	0.11	*0.02*
Italy, Modena	18	**0.4**	*0.11*	0.04	*0.01*	30	**0.8**	*0.17*	0.09	*0.02*
Italy, Naples	6	**0.3**	*0.14*	0.04	*0.02*	9	**0.4**	*0.13*	0.04	*0.02*
Italy, Nuoro	4	**0.4**	*0.21*	0.04	*0.02*	7	**0.4**	*0.17*	0.04	*0.02*
Italy, Palermo	27	**0.7**	*0.14*	0.08	*0.02*	24	**0.5**	*0.11*	0.05	*0.01*
Italy, Parma	12	**0.6**	*0.19*	0.07	*0.02*	17	**0.6**	*0.19*	0.07	*0.02*
Italy, Ragusa	9	**0.6**	*0.23*	0.09	*0.04*	18	**1.2**	*0.31*	0.13	*0.04*
Italy, Reggio Emilia	9	**0.4**	*0.15*	0.04	*0.01*	22	**0.7**	*0.19*	0.08	*0.02*
Italy, Romagna	59	**1.1**	*0.15*	0.12	*0.02*	78	**1.2**	*0.16*	0.15	*0.02*
Italy, Salerno	33	**0.7**	*0.13*	0.09	*0.02*	24	**0.5**	*0.10*	0.06	*0.01*
Italy, Sassari	6	**0.3**	*0.13*	0.04	*0.02*	13	**0.5**	*0.16*	0.06	*0.02*
Italy, Sondrio	8	**1.0**	*0.36*	0.14	*0.06*	17	**1.8**	*0.51*	0.20	*0.06*
Italy, South Tyrol	11	**0.7**	*0.22*	0.09	*0.03*	31	**1.5**	*0.33*	0.16	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Anus (C21) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	10	**0.6**	*0.21*	0.09	*0.03*	4	**0.1**	*0.08*	0.02	*0.01*
Italy, Trapani	13	**0.9**	*0.26*	0.12	*0.04*	11	**0.6**	*0.20*	0.06	*0.02*
Italy, Trento	8	**0.4**	*0.17*	0.04	*0.02*	14	**0.5**	*0.17*	0.06	*0.02*
Italy, Turin	45	**1.0**	*0.16*	0.11	*0.02*	65	**1.3**	*0.18*	0.16	*0.02*
Italy, Umbria	26	**0.7**	*0.14*	0.08	*0.02*	40	**0.8**	*0.15*	0.09	*0.02*
Italy, Varese	31	**0.8**	*0.16*	0.09	*0.02*	41	**0.8**	*0.15*	0.09	*0.02*
Italy, Veneto	58	**0.6**	*0.09*	0.08	*0.01*	72	**0.7**	*0.09*	0.08	*0.01*
Latvia	23	**0.4**	*0.08*	0.04	*0.01*	38	**0.4**	*0.07*	0.04	*0.01*
Lithuania	35	**0.3**	*0.06*	0.03	*0.01*	51	**0.3**	*0.04*	0.03	*0.01*
Malta	3	**0.1**	*0.07*	–	-	8	**0.5**	*0.18*	0.06	*0.02*
*The Netherlands	293	**0.5**	*0.03*	0.05	*0.00*	374	**0.5**	*0.03*	0.06	*0.00*
*The Netherlands, Eindhoven	13	**0.3**	*0.09*	0.03	*0.01*	23	**0.5**	*0.10*	0.05	*0.01*
Norway	97	**0.5**	*0.06*	0.06	*0.01*	229	**1.0**	*0.08*	0.12	*0.01*
Poland, Cracow	4	**0.2**	*0.10*	0.02	*0.01*	24	**0.8**	*0.18*	0.09	*0.02*
Poland, Kielce	9	**0.2**	*0.08*	0.03	*0.01*	15	**0.2**	*0.06*	0.02	*0.01*
Poland, Lower Silesia	55	**0.5**	*0.07*	0.07	*0.01*	101	**0.7**	*0.08*	0.08	*0.01*
Poland, Podkarpackie	22	**0.3**	*0.06*	0.02	*0.01*	35	**0.3**	*0.06*	0.04	*0.01*
Portugal, Azores	4	**0.6**	*0.30*	0.06	*0.03*	6	**0.6**	*0.27*	0.07	*0.04*
Russian Federation, Saint Petersburg	22	**0.1**	*0.03*	0.02	*0.00*	117	**0.5**	*0.05*	0.06	*0.01*
*Serbia, Central	90	**0.4**	*0.04*	0.05	*0.01*	86	**0.3**	*0.04*	0.04	*0.00*
Slovakia	63	**0.4**	*0.05*	0.05	*0.01*	104	**0.4**	*0.04*	0.04	*0.01*
Slovenia	45	**0.6**	*0.09*	0.06	*0.01*	56	**0.5**	*0.08*	0.07	*0.01*
Spain, Albacete	5	**0.4**	*0.17*	0.04	*0.02*	1	**0.0**	*0.02*	–	-
Spain, Asturias	29	**0.7**	*0.13*	0.08	*0.02*	19	**0.3**	*0.07*	0.03	*0.01*
Spain, Basque Country	43	**0.5**	*0.07*	0.04	*0.01*	40	**0.3**	*0.06*	0.03	*0.01*
Spain, Canary Islands	28	**0.6**	*0.12*	0.08	*0.02*	27	**0.5**	*0.11*	0.06	*0.01*
Spain, Ciudad Real	7	**0.4**	*0.16*	0.04	*0.02*	3	**0.1**	*0.08*	0.01	*0.01*
Spain, Cuenca	5	**0.5**	*0.25*	0.06	*0.03*	5	**0.6**	*0.30*	0.06	*0.03*
Spain, Girona	15	**0.7**	*0.18*	0.07	*0.02*	14	**0.4**	*0.13*	0.04	*0.02*
*Spain, Granada	10	**0.3**	*0.10*	0.04	*0.01*	13	**0.3**	*0.10*	0.03	*0.01*
Spain, La Rioja	2	**0.1**	*0.10*	0.01	*0.01*	6	**0.4**	*0.20*	0.05	*0.02*
Spain, Mallorca	29	**1.0**	*0.19*	0.10	*0.02*	18	**0.5**	*0.14*	0.07	*0.02*
Spain, Murcia	29	**0.6**	*0.12*	0.07	*0.02*	15	**0.2**	*0.07*	0.02	*0.01*
Spain, Navarra	9	**0.4**	*0.14*	0.04	*0.02*	9	**0.2**	*0.09*	0.02	*0.01*
Spain, Tarragona	18	**0.5**	*0.14*	0.05	*0.02*	9	**0.2**	*0.08*	0.01	*0.01*
*Sweden	198	**0.5**	*0.04*	0.06	*0.00*	459	**1.0**	*0.05*	0.11	*0.01*
Switzerland, Basel	11	**0.6**	*0.18*	0.07	*0.02*	21	**0.9**	*0.23*	0.10	*0.03*
Switzerland, Geneva	19	**1.2**	*0.29*	0.17	*0.04*	63	**3.0**	*0.42*	0.31	*0.05*
Switzerland, Graubünden and Glarus	4	**0.5**	*0.24*	0.08	*0.04*	10	**1.0**	*0.35*	0.12	*0.04*
Switzerland, Neuchâtel	12	**1.6**	*0.50*	0.15	*0.06*	22	**2.2**	*0.54*	0.23	*0.07*
Switzerland, St Gall–Appenzell	11	**0.6**	*0.17*	0.06	*0.02*	22	**0.9**	*0.20*	0.11	*0.03*
Switzerland, Ticino	8	**0.6**	*0.20*	0.10	*0.04*	36	**2.1**	*0.39*	0.27	*0.05*
Switzerland, Valais	8	**0.7**	*0.25*	0.06	*0.02*	19	**1.6**	*0.38*	0.18	*0.05*
Switzerland, Vaud	24	**0.9**	*0.20*	0.10	*0.03*	76	**2.3**	*0.29*	0.27	*0.04*
Switzerland, Zurich	40	**0.8**	*0.13*	0.10	*0.02*	103	**1.7**	*0.19*	0.22	*0.03*
Ukraine	438	**0.3**	*0.01*	0.04	*0.00*	640	**0.3**	*0.01*	0.03	*0.00*
UK, England	1491	**0.7**	*0.02*	0.08	*0.00*	2274	**1.0**	*0.02*	0.11	*0.00*
UK, England, East of England Region	134	**0.6**	*0.05*	0.06	*0.01*	270	**1.0**	*0.07*	0.12	*0.01*
UK, England, North Western	188	**0.7**	*0.05*	0.08	*0.01*	288	**0.9**	*0.06*	0.11	*0.01*
UK, England, Northern and Yorkshire	229	**0.8**	*0.06*	0.09	*0.01*	335	**1.1**	*0.07*	0.12	*0.01*
UK, England, Oxford Region	67	**0.6**	*0.08*	0.06	*0.01*	134	**1.1**	*0.10*	0.12	*0.01*
UK, England, South and Western Regions	197	**0.7**	*0.05*	0.07	*0.01*	336	**0.9**	*0.06*	0.10	*0.01*
UK, England, Thames	384	**0.9**	*0.05*	0.11	*0.01*	513	**1.0**	*0.05*	0.11	*0.01*
UK, England, Trent	71	**0.6**	*0.07*	0.07	*0.01*	115	**0.7**	*0.08*	0.07	*0.01*
UK, England, West Midlands	162	**0.7**	*0.06*	0.09	*0.01*	211	**0.9**	*0.07*	0.10	*0.01*
UK, Northern Ireland	50	**0.8**	*0.12*	0.09	*0.02*	51	**0.8**	*0.12*	0.09	*0.01*
UK, Scotland	136	**0.7**	*0.06*	0.07	*0.01*	254	**1.0**	*0.07*	0.11	*0.01*
UK, Wales	98	**0.7**	*0.08*	0.08	*0.01*	151	**1.1**	*0.10*	0.11	*0.01*
Oceania										
Australian Capital Territory	6	**0.6**	*0.23*	0.08	*0.04*	7	**0.6**	*0.22*	0.05	*0.02*
Australia, New South Wales	229	**0.9**	*0.06*	0.10	*0.01*	248	**0.9**	*0.06*	0.11	*0.01*
Australia, Northern Territory	7	**1.1**	*0.41*	0.11	*0.04*	10	**2.2**	*0.74*	0.31	*0.13*
Australia, Northern Territory: Indigenous	3	**3.6**	*2.22*	0.43	*0.27*	5	**4.5**	*2.05*	0.48	*0.23*
Australia, Northern Territory: Non–Indigenous	4	**0.7**	*0.34*	0.07	*0.03*	5	**1.7**	*0.82*	0.28	*0.17*
Australia, Queensland	137	**0.9**	*0.08*	0.10	*0.01*	193	**1.3**	*0.10*	0.15	*0.01*
South Australia	41	**0.7**	*0.11*	0.08	*0.01*	46	**0.7**	*0.11*	0.08	*0.01*
Australia, Tasmania	19	**1.0**	*0.23*	0.15	*0.04*	27	**1.2**	*0.25*	0.15	*0.04*
Australia, Victoria	155	**0.9**	*0.07*	0.10	*0.01*	205	**1.0**	*0.07*	0.11	*0.01*
Western Australia	45	**0.6**	*0.10*	0.06	*0.01*	72	**1.0**	*0.13*	0.12	*0.02*
New Zealand	77	**0.5**	*0.06*	0.06	*0.01*	180	**1.1**	*0.09*	0.13	*0.01*
New Zealand: Maori	8	**0.9**	*0.34*	0.16	*0.06*	15	**1.1**	*0.29*	0.09	*0.03*
New Zealand: Pacific Islander	0	**-**	-	–	-	1	**0.1**	*0.14*	0.01	*0.01*
New Zealand: Other	69	**0.5**	*0.06*	0.06	*0.01*	164	**1.2**	*0.10*	0.13	*0.01*
USA, Hawaii	39	**0.8**	*0.14*	0.10	*0.02*	33	**0.6**	*0.12*	0.08	*0.02*
*USA, Hawaii: Chinese	1	**0.2**	*0.16*	–	-	2	**0.8**	*0.55*	0.13	*0.09*
*USA, Hawaii: Filipino	4	**0.8**	*0.43*	0.08	*0.05*	2	**0.1**	*0.09*	–	-
*USA, Hawaii: Hawaiian	7	**0.9**	*0.38*	0.13	*0.07*	7	**1.1**	*0.41*	0.13	*0.05*
*USA, Hawaii: Japanese	2	**0.2**	*0.17*	0.01	*0.01*	3	**0.2**	*0.11*	0.03	*0.02*
*USA, Hawaii: White	22	**1.6**	*0.36*	0.21	*0.05*	17	**1.3**	*0.35*	0.15	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Liver (C22)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	48	**1.9**	*0.29*	–	-	40	**1.6**	*0.26*	–	-
Egypt, Gharbiah	1806	**24.8**	*0.60*	3.09	*0.09*	433	**6.2**	*0.31*	0.76	*0.04*
*Libya, Benghazi	58	**4.9**	*0.66*	0.66	*0.11*	44	**3.7**	*0.58*	0.48	*0.10*
*Malawi, Blantyre	94	**7.0**	*0.89*	0.78	*0.13*	49	**4.4**	*0.74*	0.52	*0.11*
*South Africa, PROMEC	38	**2.7**	*0.45*	0.30	*0.05*	28	**1.2**	*0.23*	0.13	*0.03*
*Tunisia, North	117	**1.7**	*0.16*	0.23	*0.03*	72	**1.1**	*0.13*	0.12	*0.02*
*Uganda, Kyadondo County	177	**11.4**	*1.08*	1.36	*0.18*	131	**8.7**	*0.89*	1.07	*0.13*
*Zimbabwe, Harare: African	199	**16.7**	*1.42*	1.80	*0.20*	101	**13.9**	*1.52*	1.89	*0.27*
America, Central and South										
Argentina, Bahía Blanca	44	**5.1**	*0.81*	0.70	*0.12*	23	**1.4**	*0.34*	0.17	*0.05*
Argentina, Córdoba	121	**4.4**	*0.40*	0.55	*0.06*	96	**2.3**	*0.25*	0.23	*0.03*
Argentina, Mendoza	163	**3.7**	*0.30*	0.42	*0.04*	119	**2.1**	*0.21*	0.25	*0.03*
*Argentina, Tierra del Fuego	11	**7.3**	*2.24*	1.02	*0.38*	2	**0.6**	*0.42*	0.05	*0.03*
Brazil, Aracaju	40	**6.7**	*1.10*	0.80	*0.17*	38	**4.0**	*0.69*	0.41	*0.10*
Brazil, Belo Horizonte	156	**5.9**	*0.48*	0.69	*0.07*	102	**2.6**	*0.26*	0.28	*0.04*
Brazil, Cuiabá	27	**3.0**	*0.59*	0.41	*0.09*	20	**2.0**	*0.47*	0.20	*0.06*
Brazil, Fortaleza	28	**1.0**	*0.19*	0.13	*0.03*	19	**0.5**	*0.11*	0.06	*0.02*
Brazil, Goiânia	139	**7.0**	*0.61*	0.84	*0.09*	77	**3.0**	*0.34*	0.37	*0.05*
*Brazil, São Paulo	623	**2.9**	*0.12*	0.34	*0.02*	300	**1.0**	*0.06*	0.12	*0.01*
Chile, Region of Antofagasta	50	**4.5**	*0.65*	0.46	*0.09*	43	**3.3**	*0.52*	0.33	*0.07*
Chile, Bío Bío Province	35	**3.6**	*0.61*	0.42	*0.09*	27	**2.3**	*0.47*	0.24	*0.07*
Chile, Valdivia	48	**4.9**	*0.72*	0.59	*0.10*	39	**3.4**	*0.56*	0.41	*0.08*
Colombia, Bucaramanga	85	**4.0**	*0.44*	0.45	*0.06*	90	**3.2**	*0.34*	0.38	*0.05*
Colombia, Cali	178	**4.2**	*0.32*	0.49	*0.05*	182	**3.2**	*0.24*	0.35	*0.03*
Colombia, Manizales	22	**2.3**	*0.50*	0.28	*0.07*	19	**1.6**	*0.38*	0.14	*0.05*
Colombia, Pasto	28	**3.7**	*0.72*	0.47	*0.11*	32	**3.0**	*0.55*	0.38	*0.09*
Costa Rica	505	**5.6**	*0.26*	0.62	*0.04*	349	**3.4**	*0.19*	0.38	*0.03*
Cuba, Villa Clara	102	**3.6**	*0.38*	0.39	*0.05*	96	**3.3**	*0.38*	0.32	*0.05*
Ecuador, Cuenca	29	**3.5**	*0.68*	0.46	*0.11*	61	**5.1**	*0.69*	0.65	*0.11*
Ecuador, Quito	140	**4.8**	*0.42*	0.55	*0.06*	142	**3.7**	*0.33*	0.40	*0.05*
*France, Martinique	47	**3.5**	*0.54*	0.45	*0.08*	37	**2.0**	*0.38*	0.23	*0.05*
*Jamaica, Kingston and St Andrew	18	**1.3**	*0.32*	0.18	*0.05*	13	**0.8**	*0.22*	0.09	*0.03*
USA, Puerto Rico	943	**7.1**	*0.24*	0.84	*0.03*	499	**2.7**	*0.13*	0.29	*0.02*
Uruguay	197	**2.9**	*0.22*	0.37	*0.03*	91	**0.9**	*0.11*	0.10	*0.01*
America, North										
Canada	5917	**4.9**	*0.07*	0.59	*0.01*	2515	**1.7**	*0.04*	0.19	*0.01*
Canada, Alberta	572	**5.2**	*0.22*	0.63	*0.03*	254	**1.9**	*0.13*	0.21	*0.02*
Canada, British Columbia	888	**5.2**	*0.18*	0.62	*0.03*	349	**1.7**	*0.11*	0.19	*0.01*
Canada, Manitoba	201	**4.4**	*0.32*	0.49	*0.05*	97	**1.6**	*0.20*	0.18	*0.03*
Canada, New Brunswick	94	**3.0**	*0.32*	0.37	*0.05*	41	**1.2**	*0.23*	0.14	*0.03*
Canada, Newfoundland and Labrador	50	**2.5**	*0.39*	0.32	*0.05*	24	**1.1**	*0.29*	0.14	*0.04*
*Canada, Northwest Territories	2	**2.3**	*1.75*	0.35	*0.28*	2	**1.8**	*1.30*	0.23	*0.16*
Canada, Nova Scotia	122	**3.1**	*0.29*	0.41	*0.04*	52	**1.3**	*0.24*	0.13	*0.02*
Canada, Ontario	2134	**4.7**	*0.11*	0.57	*0.01*	800	**1.5**	*0.06*	0.17	*0.01*
Canada, Prince Edward Island	24	**4.5**	*1.03*	0.47	*0.13*	6	**1.0**	*0.45*	0.13	*0.06*
*Canada, Quebec	1710	**5.7**	*0.14*	0.68	*0.02*	827	**2.1**	*0.08*	0.23	*0.01*
Canada, Saskatchewan	116	**3.1**	*0.31*	0.38	*0.04*	63	**1.3**	*0.19*	0.15	*0.03*
*Canada, Yukon	4	**3.5**	*1.81*	0.57	*0.36*	0	**-**	-	–	-
USA, NPCR (42 states)	59442	**6.7**	*0.03*	0.79	*0.00*	24502	**2.1**	*0.02*	0.25	*0.00*
USA, NPCR (42 states): American Indian	504	**7.5**	*0.34*	0.90	*0.05*	244	**3.2**	*0.21*	0.37	*0.03*
USA, NPCR (42 states): Asian and Pacific Islander	4701	**15.1**	*0.22*	1.86	*0.03*	1995	**5.1**	*0.12*	0.64	*0.02*
USA, NPCR (42 states): Black	8375	**10.0**	*0.11*	1.19	*0.02*	3030	**2.6**	*0.05*	0.31	*0.01*
USA, NPCR (42 states): White	45080	**5.8**	*0.03*	0.69	*0.00*	18913	**1.9**	*0.02*	0.22	*0.00*
USA, SEER (9 registries)	6803	**7.4**	*0.09*	0.88	*0.01*	2770	**2.4**	*0.05*	0.28	*0.01*
*USA, SEER (9 registries): Black	936	**11.6**	*0.39*	1.37	*0.05*	336	**3.1**	*0.18*	0.37	*0.03*
*USA, SEER (9 registries): White	4443	**5.9**	*0.09*	0.69	*0.01*	1762	**1.9**	*0.05*	0.21	*0.01*
USA, SEER (18 registries)	19854	**7.6**	*0.06*	0.90	*0.01*	8191	**2.4**	*0.03*	0.29	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	3319	**15.5**	*0.28*	1.92	*0.04*	1497	**5.3**	*0.15*	0.67	*0.02*
*USA, SEER (18 registries): Black	2361	**10.1**	*0.21*	1.22	*0.03*	893	**2.9**	*0.10*	0.35	*0.01*
*USA, SEER (18 registries): Hispanic White	3324	**11.8**	*0.21*	1.45	*0.03*	1322	**4.0**	*0.11*	0.49	*0.02*
*USA, SEER (18 registries): Non–Hispanic White	10562	**5.6**	*0.06*	0.65	*0.01*	4355	**1.8**	*0.03*	0.20	*0.00*
*USA, SEER (18 registries): White	13886	**6.4**	*0.06*	0.76	*0.01*	5677	**2.0**	*0.03*	0.24	*0.00*
USA, Alabama	841	**5.3**	*0.19*	0.64	*0.03*	372	**1.8**	*0.11*	0.21	*0.01*
USA, Alabama: Black	206	**6.8**	*0.49*	0.78	*0.07*	76	**1.8**	*0.23*	0.22	*0.03*
USA, Alabama: White	618	**4.9**	*0.20*	0.60	*0.03*	288	**1.7**	*0.12*	0.20	*0.02*
USA, Alaska	138	**7.1**	*0.63*	0.75	*0.08*	57	**3.2**	*0.44*	0.36	*0.06*
*USA, Alaska: American Indian	20	**7.8**	*1.79*	0.71	*0.20*	13	**4.8**	*1.36*	0.58	*0.19*
USA, Arizona	1278	**6.4**	*0.19*	0.77	*0.03*	511	**2.1**	*0.10*	0.25	*0.01*
USA, Arizona: American Indian	62	**9.7**	*1.25*	1.04	*0.17*	30	**3.8**	*0.72*	0.36	*0.09*
USA, Arizona: Asian and Pacific Islander	35	**10.5**	*1.80*	1.29	*0.27*	15	**3.1**	*0.81*	0.34	*0.12*
USA, Arizona: Black	50	**8.9**	*1.29*	1.08	*0.18*	12	**2.2**	*0.65*	0.30	*0.10*
USA, Arizona: White	1127	**6.1**	*0.19*	0.73	*0.03*	450	**2.0**	*0.11*	0.24	*0.01*
USA, Arkansas	505	**5.1**	*0.23*	0.60	*0.03*	209	**1.7**	*0.13*	0.20	*0.02*
USA, Arkansas: Black	64	**6.4**	*0.82*	0.81	*0.12*	25	**1.7**	*0.36*	0.20	*0.05*
USA, Arkansas: White	427	**4.8**	*0.25*	0.57	*0.03*	176	**1.6**	*0.13*	0.19	*0.02*
USA, California	9821	**9.0**	*0.09*	1.10	*0.01*	4013	**2.9**	*0.05*	0.36	*0.01*
USA, California: American Indian	97	**8.4**	*0.88*	1.11	*0.14*	26	**2.1**	*0.43*	0.24	*0.06*
USA, California: Asian and Pacific Islander	2313	**16.8**	*0.36*	2.10	*0.05*	1014	**5.5**	*0.18*	0.69	*0.03*
USA, California: Black	744	**11.7**	*0.44*	1.43	*0.06*	284	**3.5**	*0.22*	0.42	*0.03*
USA, California: White	6581	**7.5**	*0.10*	0.90	*0.01*	2651	**2.4**	*0.05*	0.29	*0.01*
USA, California, Los Angeles County	2607	**9.4**	*0.19*	1.16	*0.03*	1214	**3.3**	*0.10*	0.41	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander	736	**17.0**	*0.64*	2.11	*0.09*	330	**5.5**	*0.32*	0.71	*0.05*
*USA, California, Los Angeles County: Black	266	**10.2**	*0.63*	1.29	*0.09*	117	**3.2**	*0.31*	0.37	*0.04*
*USA, California, Los Angeles County: Chinese	233	**18.4**	*1.27*	2.26	*0.18*	105	**6.0**	*0.63*	0.69	*0.09*
*USA, California, Los Angeles County: Filipino	131	**14.8**	*1.33*	1.84	*0.19*	49	**3.7**	*0.55*	0.48	*0.09*
*USA, California, Los Angeles County: Hispanic White	858	**11.3**	*0.40*	1.41	*0.06*	425	**4.4**	*0.22*	0.55	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Liver (C22) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	48	**10.4**	*1.75*	1.26	*0.22*	42	**4.6**	*0.86*	0.57	*0.12*
*USA, California, Los Angeles County: Korean	161	**26.3**	*2.12*	3.18	*0.31*	69	**8.1**	*1.02*	1.04	*0.16*
*USA, California, Los Angeles County: Non−Hispanic White	734	**5.7**	*0.23*	0.68	*0.03*	335	**2.0**	*0.13*	0.23	*0.02*
*USA, California, Los Angeles County: White	1592	**7.8**	*0.20*	0.95	*0.03*	760	**2.9**	*0.11*	0.35	*0.02*
USA, California, San Francisco Bay Area	1519	**10.8**	*0.29*	1.35	*0.04*	579	**3.2**	*0.15*	0.39	*0.02*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	562	**18.6**	*0.81*	2.37	*0.12*	229	**5.5**	*0.40*	0.67	*0.06*
*USA, California, San Francisco Bay Area: Black	191	**16.3**	*1.20*	1.98	*0.16*	70	**4.4**	*0.55*	0.52	*0.08*
*USA, California, San Francisco Bay Area: Hispanic White	212	**15.0**	*1.07*	1.91	*0.16*	72	**3.9**	*0.48*	0.48	*0.08*
*USA, California, San Francisco Bay Area: Non−Hispanic White	537	**6.4**	*0.29*	0.77	*0.04*	206	**2.0**	*0.18*	0.23	*0.02*
*USA, California, San Francisco Bay Area: White	749	**7.7**	*0.29*	0.94	*0.04*	278	**2.3**	*0.16*	0.27	*0.02*
USA, Colorado	841	**5.7**	*0.20*	0.66	*0.03*	346	**2.0**	*0.11*	0.21	*0.02*
USA, Colorado: Asian and Pacific Islander	42	**14.4**	*2.29*	1.79	*0.37*	27	**6.8**	*1.36*	0.84	*0.21*
USA, Colorado: Black	53	**11.7**	*1.66*	1.46	*0.23*	11	**1.9**	*0.59*	0.21	*0.09*
USA, Colorado: White	730	**5.2**	*0.20*	0.60	*0.03*	296	**1.7**	*0.11*	0.19	*0.02*
USA, Connecticut	873	**6.9**	*0.25*	0.82	*0.03*	301	**1.9**	*0.12*	0.21	*0.02*
*USA, Connecticut: Black	92	**10.9**	*1.15*	1.28	*0.15*	38	**3.3**	*0.54*	0.41	*0.08*
*USA, Connecticut: White	741	**6.4**	*0.25*	0.75	*0.04*	246	**1.6**	*0.13*	0.18	*0.02*
USA, Delaware	200	**6.9**	*0.50*	0.83	*0.07*	57	**1.6**	*0.23*	0.20	*0.03*
USA, Delaware: Black	53	**12.3**	*1.72*	1.43	*0.23*	16	**2.7**	*0.69*	0.34	*0.11*
USA, Delaware: White	143	**5.9**	*0.51*	0.72	*0.07*	39	**1.3**	*0.24*	0.16	*0.03*
USA, Florida	4718	**6.8**	*0.11*	0.81	*0.01*	1820	**2.0**	*0.05*	0.23	*0.01*
USA, Florida: Asian and Pacific Islander	104	**9.6**	*0.95*	1.23	*0.14*	45	**3.3**	*0.50*	0.41	*0.08*
USA, Florida: Black	574	**8.7**	*0.37*	1.00	*0.05*	217	**2.5**	*0.17*	0.28	*0.02*
USA, Florida: White	3974	**6.4**	*0.11*	0.76	*0.01*	1527	**1.9**	*0.06*	0.21	*0.01*
USA, Georgia	1574	**5.9**	*0.15*	0.70	*0.02*	610	**1.8**	*0.08*	0.21	*0.01*
USA, Georgia: Asian and Pacific Islander	65	**12.1**	*1.55*	1.79	*0.28*	28	**4.8**	*0.93*	0.64	*0.14*
USA, Georgia: Black	448	**7.5**	*0.37*	0.85	*0.05*	153	**1.9**	*0.16*	0.23	*0.02*
USA, Georgia: White	1055	**5.2**	*0.16*	0.62	*0.02*	427	**1.7**	*0.09*	0.20	*0.01*
USA, Georgia, Atlanta	533	**6.2**	*0.28*	0.74	*0.04*	197	**1.9**	*0.14*	0.23	*0.02*
*USA, Georgia, Atlanta: Black	223	**8.8**	*0.63*	1.01	*0.08*	66	**2.0**	*0.26*	0.24	*0.04*
*USA, Georgia, Atlanta: White	255	**4.5**	*0.29*	0.53	*0.04*	114	**1.6**	*0.17*	0.20	*0.03*
USA, Idaho	201	**4.2**	*0.31*	0.51	*0.04*	91	**1.7**	*0.19*	0.20	*0.03*
USA, Illinois	2567	**6.2**	*0.13*	0.74	*0.02*	1129	**2.0**	*0.07*	0.23	*0.01*
USA, Illinois: Asian and Pacific Islander	131	**9.4**	*0.84*	1.19	*0.13*	46	**2.9**	*0.43*	0.34	*0.06*
USA, Illinois: Black	448	**9.7**	*0.47*	1.19	*0.07*	198	**2.9**	*0.21*	0.33	*0.03*
USA, Illinois: White	1962	**5.5**	*0.13*	0.65	*0.02*	871	**1.8**	*0.07*	0.21	*0.01*
USA, Indiana	1095	**5.2**	*0.16*	0.63	*0.02*	492	**1.8**	*0.09*	0.21	*0.01*
USA, Indiana: Black	139	**10.7**	*0.92*	1.27	*0.13*	49	**2.8**	*0.43*	0.33	*0.06*
USA, Indiana: White	947	**4.9**	*0.16*	0.59	*0.02*	437	**1.7**	*0.09*	0.20	*0.01*
USA, Iowa	485	**4.3**	*0.21*	0.48	*0.03*	242	**1.6**	*0.12*	0.16	*0.02*
USA, Kentucky	742	**5.1**	*0.19*	0.59	*0.03*	349	**1.9**	*0.11*	0.22	*0.02*
USA, Louisiana	883	**7.7**	*0.27*	0.89	*0.04*	317	**2.2**	*0.13*	0.26	*0.02*
*USA, Louisiana: Black	311	**11.4**	*0.66*	1.38	*0.09*	102	**2.9**	*0.29*	0.36	*0.04*
*USA, Louisiana: White	546	**6.3**	*0.28*	0.72	*0.04*	205	**1.8**	*0.14*	0.22	*0.02*
*USA, Louisiana, New Orleans	250	**10.9**	*0.71*	1.28	*0.10*	87	**2.9**	*0.34*	0.35	*0.05*
*USA, Louisiana, New Orleans: Black	94	**13.6**	*1.44*	1.68	*0.21*	33	**3.7**	*0.66*	0.49	*0.10*
*USA, Louisiana, New Orleans: White	146	**9.5**	*0.82*	1.11	*0.11*	51	**2.2**	*0.36*	0.27	*0.06*
USA, Maine	251	**4.5**	*0.30*	0.54	*0.04*	116	**1.7**	*0.18*	0.19	*0.02*
USA, Massachusetts	1681	**7.5**	*0.19*	0.90	*0.03*	615	**2.0**	*0.09*	0.23	*0.01*
USA, Massachusetts: Asian and Pacific Islander	155	**22.3**	*1.85*	2.78	*0.27*	37	**4.9**	*0.83*	0.70	*0.15*
USA, Massachusetts: Black	111	**10.8**	*1.05*	1.24	*0.15*	34	**2.5**	*0.45*	0.24	*0.06*
USA, Massachusetts: White	1401	**6.7**	*0.19*	0.81	*0.03*	532	**1.9**	*0.10*	0.21	*0.01*
USA, Michigan	2098	**5.9**	*0.13*	0.68	*0.02*	967	**2.1**	*0.08*	0.24	*0.01*
USA, Michigan: Asian and Pacific Islander	51	**9.9**	*1.43*	1.25	*0.21*	29	**5.0**	*0.95*	0.59	*0.15*
USA, Michigan: Black	439	**12.0**	*0.59*	1.42	*0.08*	175	**3.4**	*0.27*	0.39	*0.04*
USA, Michigan: White	1558	**5.0**	*0.13*	0.56	*0.02*	750	**1.8**	*0.08*	0.21	*0.01*
USA, Michigan, Detroit	977	**7.2**	*0.24*	0.85	*0.03*	439	**2.5**	*0.13*	0.29	*0.02*
*USA, Michigan, Detroit: Black	317	**12.0**	*0.69*	1.42	*0.09*	131	**3.4**	*0.31*	0.40	*0.04*
*USA, Michigan, Detroit: White	629	**5.8**	*0.24*	0.69	*0.04*	284	**2.1**	*0.14*	0.24	*0.02*
USA, Mississippi	600	**6.4**	*0.27*	0.76	*0.04*	245	**2.0**	*0.14*	0.22	*0.02*
USA, Missouri	1304	**6.4**	*0.18*	0.72	*0.02*	546	**2.0**	*0.10*	0.25	*0.01*
USA, Missouri: Black	263	**16.7**	*1.05*	2.04	*0.15*	76	**3.3**	*0.40*	0.39	*0.06*
USA, Missouri: White	987	**5.2**	*0.17*	0.58	*0.02*	451	**1.8**	*0.10*	0.22	*0.01*
USA, Montana	128	**3.4**	*0.31*	0.36	*0.04*	72	**1.6**	*0.20*	0.19	*0.03*
USA, Montana: American Indian	15	**11.4**	*3.00*	1.39	*0.42*	12	**8.4**	*2.46*	1.08	*0.39*
USA, Nebraska	280	**4.5**	*0.28*	0.51	*0.04*	118	**1.6**	*0.17*	0.20	*0.02*
USA, Nebraska: Black	25	**15.2**	*3.13*	1.82	*0.40*	5	**2.5**	*1.11*	0.33	*0.17*
USA, Nebraska: White	242	**3.9**	*0.27*	0.44	*0.04*	104	**1.5**	*0.16*	0.18	*0.02*
USA, New Hampshire	224	**4.9**	*0.34*	0.59	*0.05*	77	**1.3**	*0.17*	0.15	*0.02*
USA, New Jersey	2063	**6.9**	*0.16*	0.84	*0.02*	895	**2.1**	*0.08*	0.23	*0.01*
*USA, New Jersey: Black	274	**8.9**	*0.54*	1.10	*0.08*	128	**3.0**	*0.27*	0.38	*0.04*
*USA, New Jersey: White	1592	**6.3**	*0.16*	0.76	*0.02*	704	**1.9**	*0.08*	0.20	*0.01*
USA, New Mexico	546	**8.4**	*0.37*	0.96	*0.05*	222	**2.7**	*0.20*	0.32	*0.03*
*USA, New Mexico: Hispanic White	279	**13.3**	*0.81*	1.57	*0.11*	87	**3.4**	*0.39*	0.45	*0.06*
*USA, New Mexico: Non−Hispanic White	206	**5.2**	*0.39*	0.59	*0.05*	92	**1.8**	*0.23*	0.19	*0.03*
*USA, New Mexico: White	485	**8.2**	*0.39*	0.95	*0.05*	179	**2.4**	*0.20*	0.28	*0.03*
USA, New York State	5505	**8.4**	*0.12*	1.02	*0.02*	2262	**2.6**	*0.06*	0.29	*0.01*
USA, New York State: Asian and Pacific Islander	611	**16.1**	*0.66*	1.94	*0.10*	199	**4.7**	*0.35*	0.54	*0.05*
USA, New York State: Black	990	**11.7**	*0.38*	1.38	*0.05*	378	**3.0**	*0.16*	0.34	*0.02*
USA, New York State: White	3771	**7.0**	*0.12*	0.86	*0.02*	1632	**2.3**	*0.07*	0.26	*0.01*
USA, North Carolina	1657	**5.8**	*0.15*	0.68	*0.02*	624	**1.7**	*0.07*	0.19	*0.01*
USA, North Carolina: American Indian	17	**5.8**	*1.44*	0.70	*0.21*	6	**1.7**	*0.71*	0.18	*0.09*
USA, North Carolina: Asian and Pacific Islander	41	**13.3**	*2.14*	1.83	*0.35*	25	**6.7**	*1.38*	0.73	*0.20*
USA, North Carolina: Black	343	**7.1**	*0.39*	0.82	*0.05*	135	**2.0**	*0.19*	0.22	*0.02*
USA, North Carolina: White	1230	**5.3**	*0.15*	0.62	*0.02*	454	**1.5**	*0.08*	0.17	*0.01*
USA, North Dakota	91	**3.9**	*0.44*	0.45	*0.06*	50	**1.4**	*0.23*	0.17	*0.04*
USA, Ohio	1990	**4.8**	*0.11*	0.57	*0.02*	916	**1.7**	*0.06*	0.19	*0.01*
USA, Ohio: Asian and Pacific Islander	30	**7.5**	*1.39*	0.77	*0.18*	13	**3.0**	*0.84*	0.38	*0.12*
USA, Ohio: Black	385	**11.1**	*0.58*	1.38	*0.08*	140	**2.9**	*0.26*	0.35	*0.04*
USA, Ohio: White	1545	**4.1**	*0.11*	0.48	*0.02*	747	**1.5**	*0.06*	0.17	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Liver (C22) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	757	**6.2**	*0.23*	0.71	*0.03*	348	**2.1**	*0.13*	0.22	*0.02*
USA, Oklahoma: American Indian	89	**11.7**	*1.26*	1.52	*0.19*	51	**4.7**	*0.70*	0.48	*0.09*
USA, Oklahoma: Black	57	**8.5**	*1.15*	0.96	*0.15*	23	**2.5**	*0.57*	0.21	*0.07*
USA, Oklahoma: White	588	**5.4**	*0.24*	0.61	*0.03*	259	**1.8**	*0.13*	0.19	*0.02*
USA, Oregon	777	**5.8**	*0.22*	0.68	*0.03*	333	**2.1**	*0.13*	0.24	*0.02*
USA, Oregon: Asian and Pacific Islander	78	**23.0**	*2.68*	2.76	*0.39*	23	**5.8**	*1.25*	0.81	*0.20*
USA, Oregon: Black	19	**10.7**	*2.55*	1.35	*0.42*	5	**3.0**	*1.40*	0.34	*0.18*
USA, Oregon: White	651	**5.1**	*0.21*	0.59	*0.03*	291	**2.0**	*0.13*	0.22	*0.02*
USA, Pennsylvania	3182	**6.7**	*0.13*	0.78	*0.02*	1215	**1.9**	*0.06*	0.21	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	88	**12.8**	*1.38*	1.46	*0.19*	41	**5.3**	*0.85*	0.65	*0.13*
USA, Pennsylvania: Black	513	**15.9**	*0.72*	1.97	*0.10*	153	**3.1**	*0.27*	0.35	*0.04*
USA, Pennsylvania: White	2522	**5.7**	*0.12*	0.66	*0.02*	1004	**1.6**	*0.06*	0.19	*0.01*
USA, Rhode Island	304	**7.8**	*0.47*	0.92	*0.07*	124	**2.4**	*0.25*	0.26	*0.03*
USA, Rhode Island: Black	20	**13.7**	*3.15*	1.83	*0.49*	9	**5.4**	*1.91*	0.60	*0.26*
USA, Rhode Island: White	264	**7.0**	*0.46*	0.83	*0.07*	111	**2.2**	*0.26*	0.24	*0.03*
USA, South Carolina	764	**5.2**	*0.19*	0.60	*0.03*	279	**1.5**	*0.10*	0.17	*0.01*
USA, South Carolina: Black	184	**5.7**	*0.43*	0.67	*0.06*	71	**1.7**	*0.21*	0.20	*0.03*
USA, South Carolina: White	567	**4.9**	*0.21*	0.57	*0.03*	197	**1.3**	*0.11*	0.15	*0.01*
USA, South Dakota	88	**3.0**	*0.34*	0.36	*0.05*	48	**1.4**	*0.25*	0.16	*0.03*
USA, Tennessee	1037	**5.0**	*0.16*	0.58	*0.02*	431	**1.7**	*0.09*	0.19	*0.01*
USA, Tennessee: Black	180	**7.4**	*0.57*	0.84	*0.07*	72	**2.2**	*0.27*	0.24	*0.03*
USA, Tennessee: White	829	**4.6**	*0.16*	0.53	*0.02*	346	**1.5**	*0.09*	0.17	*0.01*
USA, Texas	5926	**8.8**	*0.12*	1.02	*0.02*	2419	**2.9**	*0.06*	0.35	*0.01*
USA, Texas: Asian and Pacific Islander	239	**13.2**	*0.88*	1.61	*0.13*	114	**5.6**	*0.54*	0.70	*0.08*
USA, Texas: Black	801	**12.6**	*0.46*	1.46	*0.06*	270	**3.5**	*0.22*	0.41	*0.03*
USA, Texas: White	4765	**8.0**	*0.12*	0.94	*0.02*	1989	**2.7**	*0.07*	0.32	*0.01*
USA, Utah	246	**3.8**	*0.25*	0.44	*0.03*	98	**1.4**	*0.15*	0.17	*0.02*
USA, Vermont	104	**4.2**	*0.42*	0.50	*0.06*	38	**1.2**	*0.22*	0.16	*0.04*
USA, Virginia	1433	**5.7**	*0.16*	0.66	*0.02*	574	**1.8**	*0.08*	0.20	*0.01*
USA, Virginia: Asian and Pacific Islander	134	**16.0**	*1.41*	1.89	*0.20*	37	**3.4**	*0.57*	0.36	*0.08*
USA, Virginia: Black	298	**7.8**	*0.46*	0.92	*0.06*	118	**2.2**	*0.21*	0.26	*0.03*
USA, Virginia: White	971	**4.7**	*0.16*	0.53	*0.02*	406	**1.7**	*0.09*	0.18	*0.01*
USA, Washington State	1449	**6.8**	*0.18*	0.79	*0.03*	599	**2.3**	*0.10*	0.27	*0.01*
USA, Washington, Seattle	1140	**7.8**	*0.24*	0.92	*0.03*	466	**2.6**	*0.13*	0.31	*0.02*
USA, West Virginia	322	**4.4**	*0.26*	0.52	*0.04*	185	**1.8**	*0.16*	0.18	*0.02*
USA, Wisconsin	1067	**5.3**	*0.17*	0.65	*0.02*	514	**2.0**	*0.10*	0.23	*0.01*
USA, Wisconsin: Black	88	**13.2**	*1.45*	1.56	*0.20*	22	**2.4**	*0.53*	0.20	*0.05*
USA, Wisconsin: White	895	**4.6**	*0.16*	0.57	*0.02*	454	**1.9**	*0.10*	0.22	*0.01*
USA, Wyoming	74	**4.0**	*0.49*	0.49	*0.07*	38	**1.7**	*0.31*	0.18	*0.04*
Asia										
Bahrain: Bahraini	36	**4.9**	*0.85*	0.57	*0.12*	23	**3.5**	*0.74*	0.45	*0.11*
China, Beijing City	4716	**16.7**	*0.26*	1.95	*0.03*	1597	**5.3**	*0.16*	0.61	*0.02*
*China, Cixian County	448	**38.4**	*1.94*	4.57	*0.26*	235	**18.0**	*1.21*	2.10	*0.17*
China, Haining County	550	**26.2**	*1.16*	3.02	*0.15*	221	**9.6**	*0.67*	1.23	*0.10*
*China, Harbin City, Nangang District	894	**29.9**	*1.03*	3.35	*0.13*	336	**10.7**	*0.60*	1.33	*0.09*
China, Hong Kong	6503	**26.7**	*0.35*	3.18	*0.05*	2001	**6.9**	*0.17*	0.84	*0.03*
China, Jiashan County	467	**29.5**	*1.40*	3.62	*0.20*	202	**10.9**	*0.81*	1.32	*0.12*
China, Jiaxing City	353	**29.3**	*1.60*	3.37	*0.22*	126	**10.2**	*0.95*	1.27	*0.14*
China, Macao	252	**20.2**	*1.36*	2.47	*0.21*	84	**5.4**	*0.68*	0.58	*0.09*
China, Qidong County	3261	**77.5**	*1.37*	8.34	*0.16*	1192	**26.1**	*0.78*	2.95	*0.10*
*China, Shanghai City	6128	**21.7**	*0.29*	2.41	*0.04*	2419	**7.1**	*0.17*	0.80	*0.02*
*China, Wuhan City	4061	**27.8**	*0.45*	3.16	*0.06*	1271	**8.5**	*0.25*	1.03	*0.04*
*China, Yangcheng County	372	**41.8**	*2.61*	4.94	*0.31*	142	**15.3**	*1.30*	2.15	*0.21*
*China, Yanting County	1039	**62.8**	*1.99*	6.40	*0.24*	417	**24.6**	*1.22*	2.85	*0.16*
*China, Zhongshan City	1111	**39.6**	*1.22*	4.49	*0.16*	242	**7.8**	*0.53*	0.94	*0.07*
*India, Bangalore	296	**4.4**	*0.26*	0.54	*0.04*	110	**1.6**	*0.15*	0.19	*0.02*
*India; Barshi, Paranda, and Bhum	31	**2.9**	*0.56*	0.35	*0.07*	10	**0.9**	*0.31*	0.10	*0.03*
*India, Bhopal	44	**2.0**	*0.32*	0.26	*0.05*	23	**1.0**	*0.23*	0.13	*0.03*
*India, Chennai	301	**3.0**	*0.18*	0.38	*0.03*	105	**1.1**	*0.11*	0.12	*0.01*
*India, Dindigul, Ambilikkai	90	**2.0**	*0.21*	0.26	*0.03*	19	**0.4**	*0.09*	0.03	*0.01*
*India, Karunagappally	49	**4.6**	*0.67*	0.53	*0.09*	12	**0.9**	*0.27*	0.09	*0.03*
*India, Mizoram	111	**6.7**	*0.67*	0.80	*0.10*	69	**4.8**	*0.59*	0.54	*0.08*
*India, Mumbai	1195	**5.2**	*0.15*	0.62	*0.02*	567	**2.4**	*0.10*	0.27	*0.01*
*India, New Delhi	647	**2.6**	*0.11*	0.32	*0.02*	340	**1.5**	*0.08*	0.17	*0.01*
*India, Poona	306	**4.5**	*0.26*	0.52	*0.04*	127	**1.7**	*0.15*	0.16	*0.02*
*India, Sikkim State	77	**8.3**	*0.97*	1.09	*0.15*	45	**6.1**	*0.96*	0.75	*0.14*
*India, Trivandrum	84	**5.4**	*0.59*	0.69	*0.09*	16	**0.9**	*0.22*	0.13	*0.04*
*Iran (Islamic Republic of), Golestan Province	60	**3.6**	*0.48*	0.40	*0.07*	36	**2.0**	*0.35*	0.23	*0.05*
Israel	629	**3.2**	*0.14*	0.35	*0.02*	376	**1.4**	*0.08*	0.15	*0.01*
*Israel: Jews	559	**3.1**	*0.14*	0.34	*0.02*	341	**1.4**	*0.09*	0.15	*0.01*
*Israel: Non–Jews	70	**4.1**	*0.50*	0.45	*0.07*	35	**1.8**	*0.32*	0.16	*0.04*
Japan, Aichi Prefecture	1181	**19.1**	*0.57*	2.50	*0.09*	550	**7.1**	*0.33*	0.93	*0.05*
Japan, Fukui Prefecture	912	**19.7**	*0.71*	2.55	*0.10*	592	**8.6**	*0.43*	1.09	*0.06*
Japan, Hiroshima	1842	**34.5**	*0.84*	4.37	*0.12*	919	**12.0**	*0.44*	1.57	*0.07*
Japan, Miyagi Prefecture	1900	**15.9**	*0.39*	2.00	*0.06*	991	**5.4**	*0.20*	0.68	*0.03*
Japan, Nagasaki Prefecture	1976	**24.4**	*0.61*	3.10	*0.09*	998	**7.5**	*0.28*	0.94	*0.04*
Japan, Niigata Prefecture	1769	**12.3**	*0.32*	1.52	*0.05*	954	**4.3**	*0.17*	0.53	*0.03*
*Japan, Osaka Prefecture	11922	**25.6**	*0.25*	3.26	*0.04*	5689	**8.7**	*0.13*	1.06	*0.02*
Japan, Saga Prefecture	1484	**32.5**	*0.92*	4.17	*0.13*	881	**11.1**	*0.46*	1.42	*0.07*
Republic of Korea	55652	**41.3**	*0.18*	4.94	*0.02*	18479	**11.2**	*0.08*	1.36	*0.01*
Republic of Korea, Busan	5176	**48.7**	*0.72*	5.66	*0.10*	1667	**13.1**	*0.33*	1.57	*0.05*
Republic of Korea, Daegu	2830	**43.1**	*0.85*	4.92	*0.11*	908	**11.2**	*0.38*	1.34	*0.05*
Republic of Korea, Daejeon	1230	**35.0**	*1.03*	4.31	*0.15*	421	**10.4**	*0.52*	1.31	*0.08*
Republic of Korea, Gwangju	1547	**46.4**	*1.21*	5.73	*0.18*	476	**11.5**	*0.54*	1.38	*0.08*
Republic of Korea, Incheon	2251	**33.5**	*0.74*	3.91	*0.10*	779	**10.6**	*0.39*	1.30	*0.06*
Republic of Korea, Jejudo	633	**51.6**	*2.09*	5.90	*0.27*	208	**12.4**	*0.92*	1.46	*0.12*
Republic of Korea, Seoul	10083	**36.4**	*0.37*	4.30	*0.05*	3300	**10.6**	*0.19*	1.27	*0.03*
Republic of Korea, Ulsan	1007	**42.2**	*1.46*	5.06	*0.21*	324	**12.3**	*0.71*	1.49	*0.10*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Liver (C22) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	156	**5.6**	*0.53*	0.63	*0.08*	43	**2.3**	*0.36*	0.27	*0.06*
*Kuwait: Kuwaitis	66	**6.0**	*0.77*	0.78	*0.13*	25	**2.2**	*0.44*	0.25	*0.07*
*Kuwait: Non−Kuwaitis	90	**5.2**	*0.93*	0.44	*0.09*	18	**2.2**	*0.61*	0.30	*0.10*
*Malaysia, Penang	187	**8.1**	*0.61*	0.95	*0.09*	96	**3.7**	*0.38*	0.44	*0.06*
*Malaysia, Penang: Chinese	146	**10.5**	*0.88*	1.25	*0.12*	61	**3.9**	*0.51*	0.47	*0.07*
*Malaysia, Penang: Indian	8	**3.5**	*1.30*	0.30	*0.13*	12	**5.4**	*1.60*	0.55	*0.21*
*Malaysia, Penang: Malay	33	**4.3**	*0.80*	0.46	*0.10*	21	**2.4**	*0.53*	0.26	*0.07*
*Philippines, Manila	1686	**21.1**	*0.56*	2.41	*0.08*	706	**7.4**	*0.29*	0.83	*0.04*
*Philippines, Rizal	1583	**18.3**	*0.50*	2.13	*0.07*	663	**6.7**	*0.27*	0.77	*0.04*
Qatar: Qatari	35	**14.1**	*2.49*	2.16	*0.42*	13	**5.2**	*1.50*	0.74	*0.24*
*Saudi Arabia, Riyadh: Saudi	531	**13.0**	*0.58*	1.66	*0.09*	242	**6.0**	*0.40*	0.74	*0.06*
Singapore	1663	**17.4**	*0.44*	2.08	*0.06*	534	**4.6**	*0.21*	0.50	*0.03*
Singapore: Chinese	1451	**19.0**	*0.51*	2.27	*0.07*	471	**4.8**	*0.23*	0.53	*0.04*
Singapore: Indian	66	**9.0**	*1.17*	1.03	*0.17*	18	**3.1**	*0.74*	0.35	*0.11*
Singapore: Malay	131	**12.6**	*1.15*	1.45	*0.16*	40	**3.6**	*0.59*	0.42	*0.09*
Thailand, Bangkok	3342	**24.0**	*0.43*	2.94	*0.06*	1193	**6.8**	*0.20*	0.78	*0.03*
Thailand, Chiang Mai	1248	**28.0**	*0.82*	3.30	*0.11*	508	**10.4**	*0.48*	1.25	*0.07*
Thailand, Chonburi	561	**21.6**	*0.94*	2.57	*0.13*	176	**5.8**	*0.45*	0.68	*0.06*
*Thailand, Khon Kaen	2638	**64.0**	*1.27*	8.08	*0.19*	1220	**25.6**	*0.74*	3.32	*0.11*
Thailand, Lampang	926	**37.2**	*1.24*	4.29	*0.17*	379	**13.7**	*0.72*	1.62	*0.10*
*Thailand, Songkhla	415	**16.4**	*0.81*	1.82	*0.11*	116	**3.9**	*0.37*	0.47	*0.06*
*Turkey, Antalya	136	**3.9**	*0.34*	0.45	*0.05*	72	**2.0**	*0.24*	0.23	*0.03*
*Turkey, Edirne	43	**4.3**	*0.67*	0.56	*0.10*	26	**2.2**	*0.45*	0.27	*0.06*
*Turkey, Izmir	474	**5.2**	*0.24*	0.65	*0.03*	208	**1.9**	*0.14*	0.22	*0.02*
*Turkey, Trabzon	41	**3.8**	*0.61*	0.50	*0.09*	14	**0.9**	*0.27*	0.07	*0.03*
Europe										
Austria	3140	**9.2**	*0.17*	1.13	*0.02*	1557	**2.9**	*0.09*	0.33	*0.01*
Austria, Tyrol	185	**7.2**	*0.56*	0.83	*0.07*	89	**2.3**	*0.27*	0.26	*0.04*
Austria, Vorarlberg	98	**7.1**	*0.75*	0.83	*0.11*	58	**3.0**	*0.44*	0.33	*0.06*
*Belarus	963	**3.3**	*0.11*	0.42	*0.02*	626	**1.3**	*0.06*	0.15	*0.01*
*Belgium	1315	**3.8**	*0.11*	0.48	*0.02*	608	**1.4**	*0.07*	0.17	*0.01*
Bulgaria	1916	**5.8**	*0.14*	0.71	*0.02*	1056	**2.3**	*0.08*	0.27	*0.01*
Croatia	1376	**7.7**	*0.22*	0.91	*0.03*	753	**2.8**	*0.12*	0.31	*0.02*
Cyprus	124	**4.1**	*0.38*	0.36	*0.05*	54	**1.4**	*0.20*	0.16	*0.03*
Czech Republic	2711	**6.8**	*0.14*	0.82	*0.02*	1567	**2.7**	*0.08*	0.31	*0.01*
Denmark	947	**4.1**	*0.14*	0.51	*0.02*	434	**1.6**	*0.09*	0.17	*0.01*
*Estonia	171	**3.7**	*0.29*	0.43	*0.04*	143	**1.8**	*0.18*	0.19	*0.02*
Finland	1192	**5.2**	*0.16*	0.59	*0.02*	701	**2.1**	*0.10*	0.22	*0.01*
*France, Bas−Rhin	547	**13.6**	*0.60*	1.75	*0.09*	133	**2.5**	*0.25*	0.29	*0.03*
*France, Calvados	404	**14.7**	*0.78*	1.90	*0.12*	103	**2.7**	*0.31*	0.33	*0.05*
*France, Doubs	217	**10.2**	*0.73*	1.27	*0.11*	42	**1.6**	*0.28*	0.17	*0.04*
*France, Haut−Rhin	248	**8.5**	*0.56*	1.16	*0.09*	68	**1.8**	*0.25*	0.23	*0.04*
*France, Hérault	439	**10.3**	*0.53*	1.22	*0.07*	128	**2.2**	*0.24*	0.23	*0.03*
*France, Isère	540	**11.8**	*0.53*	1.52	*0.08*	141	**2.2**	*0.22*	0.22	*0.03*
*France, Loire−Atlantique	931	**19.9**	*0.69*	2.65	*0.11*	152	**2.4**	*0.23*	0.30	*0.03*
*France, Manche	210	**9.0**	*0.67*	1.20	*0.10*	38	**1.3**	*0.26*	0.13	*0.03*
*France, Somme	221	**10.1**	*0.72*	1.41	*0.11*	78	**2.4**	*0.32*	0.31	*0.05*
*France, Tarn	120	**6.0**	*0.62*	0.71	*0.09*	45	**1.7**	*0.30*	0.21	*0.04*
*France, Vendée	354	**12.7**	*0.73*	1.81	*0.11*	48	**1.5**	*0.24*	0.21	*0.04*
Germany, Brandenburg	832	**6.8**	*0.25*	0.84	*0.03*	466	**2.5**	*0.13*	0.28	*0.02*
Germany, Bremen	188	**5.9**	*0.45*	0.72	*0.06*	94	**1.7**	*0.22*	0.17	*0.03*
Germany, Free State of Saxony	1753	**8.0**	*0.20*	1.02	*0.03*	779	**2.2**	*0.10*	0.24	*0.01*
Germany, Hamburg	483	**6.3**	*0.31*	0.70	*0.04*	291	**2.8**	*0.21*	0.29	*0.02*
Germany, Mecklenburg−Western Pomerania	566	**7.2**	*0.33*	0.91	*0.04*	291	**2.5**	*0.17*	0.26	*0.02*
Germany, Munich	1334	**7.5**	*0.21*	0.94	*0.03*	512	**2.1**	*0.12*	0.24	*0.01*
Germany, North Rhine−Westphalia	652	**5.7**	*0.24*	0.73	*0.03*	300	**1.8**	*0.13*	0.20	*0.02*
Germany, Saarland	394	**7.5**	*0.40*	0.95	*0.06*	207	**2.9**	*0.23*	0.33	*0.03*
Germany, Schleswig−Holstein	686	**5.0**	*0.21*	0.61	*0.03*	339	**1.8**	*0.12*	0.19	*0.01*
Iceland	33	**2.8**	*0.53*	0.32	*0.08*	16	**1.1**	*0.32*	0.14	*0.05*
Ireland	460	**3.4**	*0.16*	0.40	*0.02*	250	**1.5**	*0.10*	0.16	*0.01*
Italy, Biella	144	**13.2**	*1.19*	1.55	*0.17*	69	**3.4**	*0.51*	0.36	*0.07*
Italy, Brescia	895	**24.0**	*0.83*	3.18	*0.12*	375	**6.2**	*0.37*	0.73	*0.06*
Italy, Catania and Messina	411	**8.9**	*0.47*	1.13	*0.07*	210	**2.9**	*0.23*	0.32	*0.03*
Italy, Catanzaro	129	**12.4**	*1.20*	1.52	*0.16*	54	**3.5**	*0.56*	0.40	*0.08*
Italy, Como	463	**17.1**	*0.84*	2.17	*0.12*	198	**4.7**	*0.41*	0.57	*0.06*
Italy, Ferrara	296	**13.7**	*0.87*	1.65	*0.12*	174	**4.4**	*0.42*	0.46	*0.06*
Italy, Florence and Prato	346	**8.8**	*0.52*	1.03	*0.07*	179	**2.8**	*0.25*	0.33	*0.04*
Italy, Friuli−Venezia Giulia	1078	**16.1**	*0.53*	1.99	*0.08*	449	**4.0**	*0.25*	0.44	*0.03*
Italy, Genoa	489	**11.9**	*0.61*	1.39	*0.08*	288	**3.9**	*0.34*	0.44	*0.04*
Italy, Latina	180	**7.7**	*0.61*	0.92	*0.08*	97	**3.0**	*0.38*	0.37	*0.05*
Italy, Lecco	296	**18.5**	*1.12*	2.18	*0.16*	141	**5.8**	*0.57*	0.69	*0.09*
Italy, Lombardy, South	543	**24.0**	*1.09*	2.99	*0.16*	295	**8.4**	*0.57*	1.13	*0.09*
Italy, Mantua	175	**15.2**	*1.22*	1.86	*0.17*	89	**5.2**	*0.77*	0.67	*0.10*
Italy, Milan	849	**16.1**	*0.62*	1.96	*0.08*	432	**4.3**	*0.27*	0.50	*0.04*
Italy, Modena	386	**11.4**	*0.64*	1.36	*0.09*	202	**3.7**	*0.31*	0.43	*0.05*
Italy, Naples	607	**34.6**	*1.43*	4.62	*0.22*	313	**13.4**	*0.80*	1.79	*0.13*
Italy, Nuoro	231	**19.8**	*1.38*	2.57	*0.21*	84	**4.8**	*0.60*	0.60	*0.09*
Italy, Palermo	622	**14.8**	*0.63*	1.87	*0.09*	349	**5.9**	*0.36*	0.77	*0.06*
Italy, Parma	479	**21.2**	*1.11*	2.57	*0.15*	286	**7.6**	*0.55*	0.93	*0.09*
Italy, Ragusa	194	**13.4**	*1.07*	1.67	*0.15*	98	**4.9**	*0.57*	0.60	*0.09*
Italy, Reggio Emilia	250	**10.0**	*0.68*	1.27	*0.10*	130	**3.7**	*0.39*	0.44	*0.06*
Italy, Romagna	506	**8.0**	*0.40*	0.95	*0.05*	233	**2.4**	*0.19*	0.30	*0.03*
Italy, Salerno	567	**11.4**	*0.51*	1.43	*0.07*	311	**4.6**	*0.30*	0.58	*0.05*
Italy, Sassari	302	**14.0**	*0.84*	1.76	*0.13*	160	**4.9**	*0.43*	0.60	*0.07*
Italy, Sondrio	191	**23.7**	*1.85*	3.04	*0.26*	37	**2.7**	*0.53*	0.31	*0.08*
Italy, South Tyrol	256	**15.8**	*1.04*	2.06	*0.15*	75	**3.4**	*0.45*	0.41	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Liver (C22) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	255	**14.9**	*0.98*	1.89	*0.14*	120	**4.6**	*0.48*	0.58	*0.07*
Italy, Trapani	139	**8.5**	*0.77*	1.10	*0.11*	84	**3.5**	*0.56*	0.37	*0.06*
Italy, Trento	296	**15.5**	*0.95*	1.94	*0.14*	83	**2.7**	*0.35*	0.35	*0.06*
Italy, Turin	606	**12.6**	*0.56*	1.61	*0.08*	303	**3.7**	*0.25*	0.45	*0.04*
Italy, Umbria	489	**9.3**	*0.47*	1.18	*0.07*	271	**3.7**	*0.29*	0.43	*0.04*
Italy, Varese	516	**12.6**	*0.58*	1.62	*0.09*	224	**3.7**	*0.33*	0.42	*0.04*
Italy, Veneto	1469	**16.3**	*0.45*	2.05	*0.07*	646	**4.8**	*0.22*	0.55	*0.03*
Latvia	337	**5.5**	*0.31*	0.65	*0.04*	222	**1.9**	*0.14*	0.20	*0.02*
Lithuania	470	**4.1**	*0.20*	0.52	*0.03*	311	**1.4**	*0.09*	0.17	*0.01*
Malta	38	**2.6**	*0.50*	0.31	*0.06*	22	**1.0**	*0.22*	0.10	*0.03*
*The Netherlands	1299	**2.1**	*0.06*	0.24	*0.01*	567	**0.8**	*0.04*	0.09	*0.00*
*The Netherlands, Eindhoven	65	**1.6**	*0.20*	0.18	*0.03*	32	**0.7**	*0.13*	0.08	*0.02*
Norway	421	**2.2**	*0.12*	0.24	*0.02*	240	**1.0**	*0.08*	0.11	*0.01*
Poland, Cracow	103	**4.8**	*0.50*	0.63	*0.07*	70	**2.4**	*0.35*	0.25	*0.04*
Poland, Kielce	103	**2.2**	*0.23*	0.25	*0.03*	94	**1.4**	*0.17*	0.14	*0.02*
Poland, Lower Silesia	292	**2.9**	*0.18*	0.35	*0.03*	297	**2.0**	*0.13*	0.23	*0.02*
Poland, Podkarpackie	228	**3.4**	*0.23*	0.37	*0.03*	229	**2.0**	*0.15*	0.20	*0.02*
Portugal, Azores	43	**5.6**	*0.89*	0.67	*0.12*	17	**1.2**	*0.33*	0.11	*0.05*
Russian Federation, Saint Petersburg	673	**4.6**	*0.18*	0.54	*0.03*	545	**1.8**	*0.09*	0.18	*0.01*
*Serbia, Central	1265	**5.3**	*0.16*	0.66	*0.02*	881	**3.0**	*0.11*	0.35	*0.01*
Slovakia	1052	**6.4**	*0.20*	0.81	*0.03*	619	**2.4**	*0.10*	0.27	*0.01*
Slovenia	526	**6.8**	*0.30*	0.87	*0.04*	234	**2.1**	*0.17*	0.22	*0.02*
Spain, Albacete	124	**6.5**	*0.66*	0.73	*0.09*	63	**2.7**	*0.41*	0.32	*0.06*
Spain, Asturias	548	**10.6**	*0.51*	1.31	*0.07*	199	**2.3**	*0.21*	0.24	*0.03*
Spain, Basque Country	1198	**12.3**	*0.38*	1.54	*0.05*	405	**2.7**	*0.16*	0.30	*0.02*
Spain, Canary Islands	408	**8.9**	*0.45*	1.12	*0.07*	154	**2.5**	*0.22*	0.30	*0.03*
Spain, Ciudad Real	132	**6.7**	*0.66*	0.78	*0.09*	68	**2.0**	*0.28*	0.23	*0.05*
Spain, Cuenca	62	**4.9**	*0.75*	0.56	*0.10*	29	**1.9**	*0.44*	0.24	*0.06*
Spain, Girona	296	**10.9**	*0.68*	1.23	*0.09*	105	**2.7**	*0.31*	0.32	*0.05*
*Spain, Granada	254	**7.5**	*0.51*	0.87	*0.07*	116	**2.4**	*0.25*	0.29	*0.04*
Spain, La Rioja	140	**9.7**	*0.89*	1.22	*0.13*	56	**2.8**	*0.46*	0.34	*0.07*
Spain, Mallorca	281	**10.0**	*0.63*	1.20	*0.09*	114	**2.7**	*0.29*	0.34	*0.05*
Spain, Murcia	368	**7.4**	*0.41*	0.87	*0.06*	165	**2.4**	*0.23*	0.26	*0.03*
Spain, Navarra	217	**7.8**	*0.57*	0.95	*0.08*	89	**2.2**	*0.28*	0.23	*0.04*
Spain, Tarragona	269	**9.3**	*0.61*	1.10	*0.08*	109	**2.6**	*0.31*	0.31	*0.04*
*Sweden	1465	**3.4**	*0.10*	0.40	*0.01*	859	**1.7**	*0.07*	0.20	*0.01*
Switzerland, Basel	114	**5.3**	*0.54*	0.59	*0.07*	28	**0.8**	*0.17*	0.10	*0.03*
Switzerland, Geneva	214	**13.1**	*0.93*	1.72	*0.14*	66	**3.0**	*0.43*	0.34	*0.06*
Switzerland, Graubünden and Glarus	71	**7.0**	*0.94*	0.82	*0.13*	22	**1.7**	*0.51*	0.15	*0.05*
Switzerland, Neuchâtel	76	**10.9**	*1.33*	1.35	*0.19*	17	**1.8**	*0.49*	0.21	*0.07*
Switzerland, St Gall–Appenzell	132	**6.3**	*0.57*	0.78	*0.08*	48	**1.9**	*0.29*	0.26	*0.05*
Switzerland, Ticino	205	**13.5**	*0.98*	1.72	*0.14*	64	**2.8**	*0.39*	0.37	*0.06*
Switzerland, Valais	178	**14.0**	*1.10*	1.67	*0.16*	32	**2.1**	*0.44*	0.25	*0.06*
Switzerland, Vaud	293	**11.0**	*0.67*	1.41	*0.10*	85	**2.7**	*0.35*	0.30	*0.04*
Switzerland, Zurich	314	**6.0**	*0.36*	0.78	*0.05*	161	**2.1**	*0.19*	0.26	*0.03*
Ukraine	5117	**3.3**	*0.05*	0.41	*0.01*	3706	**1.5**	*0.03*	0.18	*0.00*
UK, England	8150	**3.7**	*0.04*	0.43	*0.01*	4943	**1.7**	*0.03*	0.19	*0.00*
UK, England, East of England Region	735	**2.9**	*0.11*	0.33	*0.02*	421	**1.3**	*0.08*	0.15	*0.01*
UK, England, North Western	1250	**4.4**	*0.13*	0.51	*0.02*	863	**2.3**	*0.09*	0.25	*0.01*
UK, England, Northern and Yorkshire	1158	**3.8**	*0.12*	0.45	*0.02*	738	**1.8**	*0.08*	0.20	*0.01*
UK, England, Oxford Region	360	**3.1**	*0.17*	0.38	*0.03*	230	**1.5**	*0.11*	0.18	*0.02*
UK, England, South and Western Regions	1213	**3.6**	*0.11*	0.41	*0.02*	678	**1.5**	*0.08*	0.17	*0.01*
UK, England, Thames	1812	**4.2**	*0.11*	0.49	*0.01*	995	**1.7**	*0.06*	0.19	*0.01*
UK, England, Trent	508	**3.6**	*0.18*	0.42	*0.02*	313	**1.7**	*0.12*	0.19	*0.02*
UK, England, West Midlands	857	**3.6**	*0.13*	0.42	*0.02*	514	**1.6**	*0.09*	0.18	*0.01*
UK, Northern Ireland	219	**3.4**	*0.24*	0.40	*0.03*	120	**1.4**	*0.15*	0.15	*0.02*
UK, Scotland	1120	**5.0**	*0.16*	0.61	*0.02*	607	**2.0**	*0.10*	0.23	*0.01*
UK, Wales	535	**3.9**	*0.18*	0.46	*0.03*	361	**2.1**	*0.13*	0.23	*0.02*
Oceania										
Australian Capital Territory	44	**4.3**	*0.67*	0.54	*0.10*	17	**1.5**	*0.38*	0.20	*0.06*
Australia, New South Wales	1379	**5.4**	*0.15*	0.62	*0.02*	634	**1.9**	*0.09*	0.22	*0.01*
Australia, Northern Territory	24	**4.7**	*1.00*	0.47	*0.12*	10	**1.9**	*0.65*	0.24	*0.11*
Australia, Northern Territory: Indigenous	9	**13.7**	*4.81*	1.31	*0.57*	6	**4.8**	*2.05*	0.48	*0.22*
Australia, Northern Territory: Non–Indigenous	15	**3.5**	*0.95*	0.35	*0.10*	4	**1.2**	*0.67*	0.20	*0.14*
Australia, Queensland	638	**4.4**	*0.18*	0.52	*0.03*	254	**1.5**	*0.11*	0.17	*0.01*
South Australia	299	**4.8**	*0.30*	0.55	*0.04*	121	**1.4**	*0.15*	0.14	*0.02*
Australia, Tasmania	69	**3.5**	*0.43*	0.47	*0.07*	35	**1.2**	*0.24*	0.16	*0.04*
Australia, Victoria	1051	**5.6**	*0.18*	0.68	*0.03*	439	**1.8**	*0.10*	0.21	*0.01*
Western Australia	336	**4.7**	*0.27*	0.55	*0.04*	127	**1.4**	*0.14*	0.15	*0.02*
New Zealand	738	**5.2**	*0.20*	0.60	*0.03*	328	**1.9**	*0.12*	0.23	*0.02*
New Zealand: Maori	165	**15.3**	*1.23*	1.69	*0.16*	52	**4.6**	*0.67*	0.54	*0.09*
New Zealand: Pacific Islander	87	**20.8**	*2.28*	2.45	*0.33*	28	**5.7**	*1.11*	0.59	*0.15*
New Zealand: Other	486	**3.7**	*0.17*	0.43	*0.02*	248	**1.6**	*0.11*	0.19	*0.02*
USA, Hawaii	484	**10.6**	*0.51*	1.23	*0.07*	226	**3.8**	*0.29*	0.47	*0.04*
*USA, Hawaii: Chinese	42	**16.3**	*2.80*	1.78	*0.35*	23	**6.6**	*1.75*	0.80	*0.23*
*USA, Hawaii: Filipino	64	**12.2**	*1.58*	1.57	*0.23*	26	**3.4**	*0.73*	0.44	*0.11*
*USA, Hawaii: Hawaiian	82	**13.1**	*1.48*	1.63	*0.22*	33	**4.0**	*0.75*	0.51	*0.11*
*USA, Hawaii: Japanese	112	**7.9**	*0.84*	0.87	*0.12*	83	**3.8**	*0.52*	0.50	*0.08*
*USA, Hawaii: White	110	**8.6**	*0.91*	1.00	*0.12*	27	**2.1**	*0.44*	0.27	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Gallbladder etc. (C23-24)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	64	**2.7**	*0.35*	–	-	180	**7.4**	*0.57*	–	-
Egypt, Gharbiah	73	**1.1**	*0.13*	0.13	*0.02*	67	**1.0**	*0.12*	0.11	*0.02*
*Libya, Benghazi	17	**1.3**	*0.33*	0.13	*0.04*	42	**3.2**	*0.51*	0.30	*0.07*
*Malawi, Blantyre	0	**-**	-	–	-	2	**0.2**	*0.15*	0.02	*0.02*
*South Africa, PROMEC	1	**0.0**	*0.04*	0.00	*0.00*	3	**0.1**	*0.07*	0.01	*0.01*
*Tunisia, North	98	**1.5**	*0.15*	0.18	*0.02*	179	**2.6**	*0.20*	0.33	*0.03*
*Uganda, Kyadondo County	3	**0.3**	*0.19*	0.04	*0.02*	5	**0.4**	*0.21*	0.07	*0.04*
*Zimbabwe, Harare: African	8	**1.2**	*0.42*	0.12	*0.06*	11	**1.4**	*0.45*	0.21	*0.09*
America, Central and South										
Argentina, Bahía Blanca	31	**3.2**	*0.60*	0.38	*0.09*	30	**2.2**	*0.46*	0.22	*0.06*
Argentina, Córdoba	94	**3.3**	*0.35*	0.38	*0.05*	159	**3.8**	*0.33*	0.40	*0.04*
Argentina, Mendoza	140	**3.1**	*0.27*	0.39	*0.04*	230	**4.2**	*0.29*	0.49	*0.04*
*Argentina, Tierra del Fuego	11	**6.6**	*2.24*	0.23	*0.11*	11	**6.9**	*2.13*	1.18	*0.39*
Brazil, Aracaju	18	**3.3**	*0.80*	0.45	*0.14*	54	**6.3**	*0.89*	0.83	*0.14*
Brazil, Belo Horizonte	55	**2.2**	*0.30*	0.24	*0.04*	149	**3.8**	*0.32*	0.44	*0.05*
Brazil, Cuiabá	13	**1.8**	*0.51*	0.30	*0.10*	18	**2.0**	*0.49*	0.33	*0.09*
Brazil, Fortaleza	29	**1.1**	*0.20*	0.15	*0.03*	79	**1.9**	*0.22*	0.23	*0.03*
Brazil, Goiânia	59	**3.1**	*0.41*	0.32	*0.06*	92	**3.6**	*0.39*	0.44	*0.06*
*Brazil, São Paulo	443	**2.0**	*0.10*	0.22	*0.01*	722	**2.4**	*0.09*	0.27	*0.01*
Chile, Region of Antofagasta	56	**5.4**	*0.73*	0.49	*0.10*	125	**9.9**	*0.91*	1.20	*0.14*
Chile, Bío Bío Province	117	**11.3**	*1.06*	1.19	*0.15*	263	**24.6**	*1.55*	3.03	*0.23*
Chile, Valdivia	100	**9.7**	*0.98*	1.21	*0.15*	297	**25.1**	*1.50*	2.96	*0.22*
Colombia, Bucaramanga	44	**2.1**	*0.33*	0.30	*0.06*	92	**3.4**	*0.37*	0.43	*0.06*
Colombia, Cali	108	**2.6**	*0.25*	0.29	*0.04*	286	**4.9**	*0.30*	0.60	*0.05*
Colombia, Manizales	17	**2.0**	*0.49*	0.27	*0.07*	36	**2.8**	*0.47*	0.29	*0.07*
Colombia, Pasto	20	**2.7**	*0.61*	0.44	*0.11*	48	**5.1**	*0.75*	0.62	*0.11*
Costa Rica	160	**1.8**	*0.15*	0.21	*0.02*	289	**2.9**	*0.17*	0.31	*0.03*
Cuba, Villa Clara	32	**1.1**	*0.22*	0.14	*0.03*	40	**1.4**	*0.24*	0.16	*0.03*
Ecuador, Cuenca	18	**1.9**	*0.47*	0.21	*0.07*	55	**4.7**	*0.67*	0.56	*0.10*
Ecuador, Quito	129	**4.6**	*0.42*	0.51	*0.06*	266	**7.7**	*0.49*	0.94	*0.07*
*France, Martinique	23	**1.6**	*0.34*	0.18	*0.05*	46	**2.3**	*0.38*	0.30	*0.06*
*Jamaica, Kingston and St Andrew	9	**0.7**	*0.24*	0.10	*0.04*	17	**1.0**	*0.25*	0.10	*0.03*
USA, Puerto Rico	131	**0.9**	*0.08*	0.12	*0.01*	232	**1.3**	*0.09*	0.16	*0.01*
Uruguay	195	**2.8**	*0.21*	0.32	*0.03*	358	**3.6**	*0.22*	0.46	*0.03*
America, North										
Canada	2226	**1.7**	*0.04*	0.20	*0.01*	2756	**1.7**	*0.04*	0.19	*0.01*
Canada, Alberta	228	**2.0**	*0.14*	0.22	*0.02*	223	**1.6**	*0.12*	0.18	*0.02*
Canada, British Columbia	320	**1.7**	*0.10*	0.20	*0.02*	350	**1.6**	*0.09*	0.18	*0.01*
Canada, Manitoba	107	**2.2**	*0.22*	0.24	*0.03*	118	**1.8**	*0.20*	0.21	*0.03*
Canada, New Brunswick	56	**1.6**	*0.23*	0.18	*0.04*	74	**1.7**	*0.22*	0.21	*0.04*
Canada, Newfoundland and Labrador	30	**1.5**	*0.27*	0.21	*0.04*	39	**1.6**	*0.27*	0.19	*0.04*
*Canada, Northwest Territories	3	**3.8**	*2.25*	0.42	*0.31*	2	**1.6**	*1.13*	0.17	*0.13*
Canada, Nova Scotia	91	**2.2**	*0.24*	0.23	*0.03*	110	**2.0**	*0.22*	0.25	*0.03*
Canada, Ontario	813	**1.7**	*0.06*	0.21	*0.01*	969	**1.6**	*0.06*	0.19	*0.01*
Canada, Prince Edward Island	6	**1.1**	*0.45*	0.17	*0.08*	17	**2.2**	*0.58*	0.30	*0.10*
*Canada, Quebec	490	**1.5**	*0.07*	0.16	*0.01*	744	**1.8**	*0.07*	0.19	*0.01*
Canada, Saskatchewan	79	**1.8**	*0.22*	0.22	*0.03*	107	**2.0**	*0.23*	0.24	*0.03*
*Canada, Yukon	3	**3.0**	*1.71*	–	-	3	**3.4**	*2.08*	0.38	*0.30*
USA, NPCR (42 states)	15769	**1.6**	*0.01*	0.18	*0.00*	20396	**1.6**	*0.01*	0.18	*0.00*
USA, NPCR (42 states): American Indian	113	**1.8**	*0.17*	0.22	*0.03*	161	**2.0**	*0.17*	0.26	*0.03*
USA, NPCR (42 states): Asian and Pacific Islander	611	**1.9**	*0.08*	0.23	*0.01*	737	**1.8**	*0.07*	0.21	*0.01*
USA, NPCR (42 states): Black	1334	**1.6**	*0.05*	0.19	*0.01*	2219	**1.8**	*0.04*	0.21	*0.01*
USA, NPCR (42 states): White	13492	**1.5**	*0.01*	0.18	*0.00*	17013	**1.5**	*0.01*	0.17	*0.00*
USA, SEER (9 registries)	1699	**1.7**	*0.04*	0.19	*0.01*	2187	**1.6**	*0.04*	0.19	*0.01*
*USA, SEER (9 registries): Black	132	**1.6**	*0.15*	0.17	*0.02*	223	**2.0**	*0.14*	0.24	*0.02*
*USA, SEER (9 registries): White	1319	**1.6**	*0.05*	0.18	*0.01*	1664	**1.5**	*0.04*	0.18	*0.01*
USA, SEER (18 registries)	4827	**1.7**	*0.03*	0.19	*0.00*	6462	**1.7**	*0.02*	0.20	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	513	**2.3**	*0.10*	0.28	*0.02*	624	**2.1**	*0.09*	0.24	*0.01*
*USA, SEER (18 registries): Black	395	**1.7**	*0.09*	0.21	*0.01*	636	**2.0**	*0.08*	0.23	*0.01*
*USA, SEER (18 registries): Hispanic White	652	**2.4**	*0.10*	0.28	*0.02*	1098	**3.2**	*0.10*	0.37	*0.02*
*USA, SEER (18 registries): Non–Hispanic White	3215	**1.5**	*0.03*	0.16	*0.00*	4011	**1.4**	*0.03*	0.16	*0.00*
*USA, SEER (18 registries): White	3867	**1.6**	*0.03*	0.18	*0.00*	5109	**1.6**	*0.03*	0.19	*0.00*
USA, Alabama	239	**1.3**	*0.09*	0.14	*0.01*	308	**1.4**	*0.09*	0.16	*0.01*
USA, Alabama: Black	41	**1.2**	*0.20*	0.10	*0.03*	81	**1.8**	*0.21*	0.22	*0.03*
USA, Alabama: White	195	**1.3**	*0.10*	0.14	*0.01*	221	**1.2**	*0.09*	0.14	*0.01*
USA, Alaska	40	**2.3**	*0.38*	0.24	*0.05*	40	**1.9**	*0.32*	0.18	*0.04*
*USA, Alaska: American Indian	14	**5.6**	*1.53*	0.55	*0.21*	11	**3.8**	*1.19*	0.45	*0.18*
USA, Arizona	353	**1.5**	*0.09*	0.17	*0.01*	420	**1.5**	*0.08*	0.18	*0.01*
USA, Arizona: American Indian	15	**2.4**	*0.64*	0.29	*0.10*	41	**5.1**	*0.82*	0.62	*0.13*
USA, Arizona: Asian and Pacific Islander	8	**2.3**	*0.84*	0.25	*0.11*	6	**1.3**	*0.54*	0.17	*0.08*
USA, Arizona: Black	7	**1.4**	*0.55*	0.09	*0.05*	4	**0.7**	*0.38*	0.09	*0.05*
USA, Arizona: White	319	**1.5**	*0.09*	0.16	*0.01*	366	**1.4**	*0.08*	0.16	*0.01*
USA, Arkansas	141	**1.3**	*0.11*	0.16	*0.02*	198	**1.3**	*0.11*	0.16	*0.02*
USA, Arkansas: Black	11	**1.0**	*0.30*	0.08	*0.04*	26	**1.8**	*0.38*	0.22	*0.06*
USA, Arkansas: White	129	**1.3**	*0.12*	0.17	*0.02*	171	**1.3**	*0.11*	0.15	*0.02*
USA, California	2097	**1.7**	*0.04*	0.20	*0.01*	2756	**1.8**	*0.04*	0.21	*0.01*
USA, California: American Indian	6	**0.6**	*0.23*	0.08	*0.04*	18	**1.4**	*0.34*	0.17	*0.05*
USA, California: Asian and Pacific Islander	312	**2.1**	*0.13*	0.25	*0.02*	392	**2.0**	*0.11*	0.22	*0.02*
USA, California: Black	113	**1.8**	*0.17*	0.21	*0.03*	151	**1.8**	*0.15*	0.22	*0.02*
USA, California: White	1635	**1.7**	*0.04*	0.19	*0.01*	2162	**1.7**	*0.04*	0.20	*0.01*
USA, California, Los Angeles County	578	**1.9**	*0.08*	0.22	*0.01*	850	**2.2**	*0.08*	0.26	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	124	**2.7**	*0.25*	0.32	*0.04*	137	**2.3**	*0.21*	0.27	*0.03*
*USA, California, Los Angeles County: Black	61	**2.5**	*0.32*	0.31	*0.05*	64	**1.7**	*0.23*	0.21	*0.03*
*USA, California, Los Angeles County: Chinese	27	**1.9**	*0.39*	0.24	*0.06*	27	**1.9**	*0.39*	0.25	*0.06*
*USA, California, Los Angeles County: Filipino	17	**1.9**	*0.47*	0.20	*0.06*	24	**1.8**	*0.38*	0.21	*0.06*
*USA, California, Los Angeles County: Hispanic White	171	**2.2**	*0.18*	0.27	*0.03*	355	**3.6**	*0.20*	0.41	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Gallbladder etc. (C23-24) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	22	**3.5**	*0.95*	0.40	*0.13*	18	**2.1**	*0.60*	0.19	*0.07*
*USA, California, Los Angeles County: Korean	36	**5.7**	*0.97*	0.70	*0.15*	42	**4.5**	*0.73*	0.48	*0.11*
*USA, California, Los Angeles County: Non−Hispanic White	220	**1.3**	*0.10*	0.14	*0.01*	290	**1.5**	*0.11*	0.18	*0.02*
*USA, California, Los Angeles County: White	391	**1.7**	*0.09*	0.18	*0.01*	645	**2.3**	*0.10*	0.27	*0.01*
USA, California, San Francisco Bay Area	274	**1.7**	*0.11*	0.20	*0.02*	366	**1.7**	*0.10*	0.20	*0.02*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	84	**2.4**	*0.28*	0.29	*0.04*	100	**2.2**	*0.24*	0.24	*0.03*
*USA, California, San Francisco Bay Area: Black	22	**1.6**	*0.35*	0.16	*0.05*	37	**2.1**	*0.38*	0.30	*0.06*
*USA, California, San Francisco Bay Area: Hispanic White	26	**1.8**	*0.37*	0.18	*0.06*	68	**3.4**	*0.44*	0.42	*0.07*
*USA, California, San Francisco Bay Area: Non−Hispanic White	141	**1.5**	*0.13*	0.18	*0.02*	159	**1.1**	*0.11*	0.12	*0.02*
*USA, California, San Francisco Bay Area: White	167	**1.5**	*0.13*	0.18	*0.02*	227	**1.5**	*0.11*	0.17	*0.02*
USA, Colorado	234	**1.5**	*0.10*	0.19	*0.02*	298	**1.5**	*0.10*	0.17	*0.01*
USA, Colorado: Asian and Pacific Islander	6	**2.2**	*0.91*	0.22	*0.14*	9	**1.9**	*0.68*	0.17	*0.09*
USA, Colorado: Black	11	**2.4**	*0.73*	0.27	*0.11*	13	**2.5**	*0.71*	0.28	*0.10*
USA, Colorado: White	216	**1.5**	*0.11*	0.18	*0.02*	273	**1.5**	*0.10*	0.16	*0.01*
USA, Connecticut	253	**1.8**	*0.12*	0.21	*0.02*	316	**1.6**	*0.11*	0.19	*0.02*
*USA, Connecticut: Black	11	**1.4**	*0.43*	0.19	*0.07*	17	**1.5**	*0.37*	0.16	*0.05*
*USA, Connecticut: White	236	**1.8**	*0.13*	0.21	*0.02*	292	**1.6**	*0.11*	0.19	*0.02*
USA, Delaware	48	**1.5**	*0.22*	0.16	*0.03*	66	**1.5**	*0.21*	0.18	*0.03*
USA, Delaware: Black	4	**1.1**	*0.57*	0.22	*0.11*	10	**1.6**	*0.55*	0.13	*0.06*
USA, Delaware: White	44	**1.5**	*0.24*	0.15	*0.03*	55	**1.5**	*0.22*	0.19	*0.04*
USA, Florida	1369	**1.6**	*0.05*	0.19	*0.01*	1520	**1.4**	*0.04*	0.16	*0.01*
USA, Florida: Asian and Pacific Islander	9	**0.9**	*0.29*	0.10	*0.04*	19	**1.3**	*0.31*	0.16	*0.05*
USA, Florida: Black	100	**1.7**	*0.17*	0.23	*0.03*	178	**2.0**	*0.16*	0.23	*0.02*
USA, Florida: White	1237	**1.6**	*0.05*	0.19	*0.01*	1288	**1.3**	*0.04*	0.15	*0.01*
USA, Georgia	356	**1.3**	*0.07*	0.13	*0.01*	506	**1.4**	*0.07*	0.17	*0.01*
USA, Georgia: Asian and Pacific Islander	6	**1.2**	*0.53*	0.20	*0.10*	6	**0.9**	*0.40*	0.14	*0.08*
USA, Georgia: Black	78	**1.4**	*0.17*	0.16	*0.02*	154	**1.9**	*0.16*	0.22	*0.02*
USA, Georgia: White	271	**1.2**	*0.08*	0.13	*0.01*	344	**1.3**	*0.08*	0.15	*0.01*
USA, Georgia, Atlanta	123	**1.5**	*0.14*	0.14	*0.02*	158	**1.4**	*0.12*	0.17	*0.02*
*USA, Georgia, Atlanta: Black	34	**1.7**	*0.30*	0.14	*0.03*	58	**1.7**	*0.24*	0.19	*0.04*
*USA, Georgia, Atlanta: White	87	**1.5**	*0.16*	0.14	*0.02*	97	**1.3**	*0.15*	0.16	*0.02*
USA, Idaho	65	**1.2**	*0.16*	0.14	*0.02*	81	**1.3**	*0.16*	0.14	*0.02*
USA, Illinois	831	**1.8**	*0.07*	0.21	*0.01*	1143	**1.8**	*0.06*	0.21	*0.01*
USA, Illinois: Asian and Pacific Islander	19	**1.4**	*0.33*	0.22	*0.06*	20	**1.2**	*0.27*	0.12	*0.04*
USA, Illinois: Black	81	**1.7**	*0.20*	0.22	*0.03*	121	**1.6**	*0.15*	0.15	*0.02*
USA, Illinois: White	721	**1.8**	*0.07*	0.21	*0.01*	990	**1.9**	*0.07*	0.22	*0.01*
USA, Indiana	381	**1.6**	*0.09*	0.17	*0.01*	537	**1.7**	*0.08*	0.21	*0.01*
USA, Indiana: Black	23	**1.6**	*0.35*	0.17	*0.05*	30	**1.6**	*0.30*	0.19	*0.04*
USA, Indiana: White	350	**1.6**	*0.09*	0.17	*0.01*	504	**1.8**	*0.09*	0.21	*0.01*
USA, Iowa	196	**1.5**	*0.11*	0.16	*0.02*	268	**1.6**	*0.12*	0.20	*0.02*
USA, Kentucky	239	**1.5**	*0.10*	0.17	*0.02*	348	**1.6**	*0.10*	0.19	*0.01*
USA, Louisiana	210	**1.7**	*0.12*	0.19	*0.02*	229	**1.5**	*0.11*	0.19	*0.02*
*USA, Louisiana: Black	56	**2.0**	*0.28*	0.25	*0.04*	61	**1.5**	*0.20*	0.18	*0.03*
*USA, Louisiana: White	150	**1.5**	*0.13*	0.17	*0.02*	165	**1.4**	*0.12*	0.19	*0.02*
*USA, Louisiana, New Orleans	43	**1.8**	*0.30*	0.24	*0.05*	47	**1.5**	*0.24*	0.20	*0.04*
*USA, Louisiana, New Orleans: Black	16	**2.8**	*0.71*	0.45	*0.12*	17	**2.0**	*0.49*	0.29	*0.08*
*USA, Louisiana, New Orleans: White	26	**1.4**	*0.29*	0.15	*0.05*	30	**1.3**	*0.27*	0.16	*0.04*
USA, Maine	101	**1.7**	*0.17*	0.19	*0.03*	140	**1.8**	*0.17*	0.21	*0.03*
USA, Massachusetts	472	**1.9**	*0.09*	0.22	*0.01*	584	**1.6**	*0.08*	0.18	*0.01*
USA, Massachusetts: Asian and Pacific Islander	15	**2.4**	*0.62*	0.36	*0.11*	17	**2.2**	*0.56*	0.26	*0.09*
USA, Massachusetts: Black	20	**2.0**	*0.47*	0.27	*0.08*	30	**2.3**	*0.43*	0.31	*0.07*
USA, Massachusetts: White	432	**1.8**	*0.09*	0.21	*0.01*	529	**1.5**	*0.08*	0.17	*0.01*
USA, Michigan	642	**1.7**	*0.07*	0.19	*0.01*	821	**1.6**	*0.06*	0.19	*0.01*
USA, Michigan: Asian and Pacific Islander	9	**1.7**	*0.56*	0.12	*0.05*	11	**1.9**	*0.59*	0.24	*0.09*
USA, Michigan: Black	65	**1.7**	*0.22*	0.19	*0.03*	112	**2.0**	*0.21*	0.24	*0.03*
USA, Michigan: White	555	**1.6**	*0.07*	0.18	*0.01*	689	**1.6**	*0.07*	0.18	*0.01*
USA, Michigan, Detroit	279	**1.9**	*0.12*	0.21	*0.02*	362	**1.8**	*0.11*	0.21	*0.02*
*USA, Michigan, Detroit: Black	50	**1.8**	*0.26*	0.21	*0.04*	93	**2.3**	*0.26*	0.28	*0.04*
*USA, Michigan, Detroit: White	222	**1.9**	*0.14*	0.21	*0.02*	257	**1.6**	*0.12*	0.18	*0.02*
USA, Mississippi	124	**1.2**	*0.12*	0.14	*0.02*	191	**1.4**	*0.11*	0.17	*0.02*
USA, Missouri	340	**1.5**	*0.08*	0.17	*0.01*	436	**1.4**	*0.07*	0.15	*0.01*
USA, Missouri: Black	36	**2.3**	*0.40*	0.30	*0.07*	43	**1.7**	*0.28*	0.20	*0.04*
USA, Missouri: White	290	**1.4**	*0.08*	0.16	*0.01*	387	**1.3**	*0.08*	0.14	*0.01*
USA, Montana	47	**1.1**	*0.18*	0.16	*0.03*	57	**1.1**	*0.16*	0.14	*0.03*
USA, Montana: American Indian	6	**4.4**	*1.83*	0.57	*0.30*	5	**3.1**	*1.42*	0.23	*0.14*
USA, Nebraska	104	**1.5**	*0.16*	0.16	*0.02*	134	**1.4**	*0.14*	0.15	*0.02*
USA, Nebraska: Black	2	**1.4**	*0.98*	0.19	*0.15*	3	**0.9**	*0.51*	–	-
USA, Nebraska: White	100	**1.5**	*0.16*	0.16	*0.02*	129	**1.4**	*0.14*	0.15	*0.02*
USA, New Hampshire	72	**1.4**	*0.17*	0.16	*0.03*	97	**1.5**	*0.17*	0.17	*0.03*
USA, New Jersey	611	**1.8**	*0.08*	0.21	*0.01*	948	**2.0**	*0.08*	0.24	*0.01*
*USA, New Jersey: Black	59	**1.9**	*0.26*	0.25	*0.04*	117	**2.6**	*0.25*	0.30	*0.04*
*USA, New Jersey: White	522	**1.8**	*0.09*	0.20	*0.01*	778	**1.9**	*0.08*	0.22	*0.01*
USA, New Mexico	142	**2.0**	*0.17*	0.24	*0.03*	182	**2.2**	*0.17*	0.27	*0.03*
*USA, New Mexico: Hispanic White	43	**1.8**	*0.29*	0.22	*0.05*	68	**2.5**	*0.32*	0.29	*0.05*
*USA, New Mexico: Non−Hispanic White	77	**1.8**	*0.22*	0.22	*0.03*	70	**1.4**	*0.19*	0.19	*0.03*
*USA, New Mexico: White	120	**1.8**	*0.17*	0.22	*0.03*	138	**1.8**	*0.17*	0.23	*0.03*
USA, New York State	1428	**1.9**	*0.05*	0.22	*0.01*	1988	**1.9**	*0.05*	0.23	*0.01*
USA, New York State: Asian and Pacific Islander	77	**2.0**	*0.24*	0.21	*0.03*	65	**1.6**	*0.20*	0.18	*0.03*
USA, New York State: Black	154	**1.8**	*0.15*	0.20	*0.02*	319	**2.3**	*0.14*	0.26	*0.02*
USA, New York State: White	1174	**1.9**	*0.06*	0.21	*0.01*	1563	**1.8**	*0.05*	0.22	*0.01*
USA, North Carolina	472	**1.5**	*0.07*	0.18	*0.01*	582	**1.4**	*0.06*	0.17	*0.01*
USA, North Carolina: American Indian	5	**2.3**	*1.01*	0.53	*0.24*	4	**0.8**	*0.44*	0.08	*0.08*
USA, North Carolina: Asian and Pacific Islander	8	**3.0**	*1.07*	0.25	*0.12*	9	**2.5**	*0.86*	0.48	*0.18*
USA, North Carolina: Black	89	**2.0**	*0.21*	0.25	*0.03*	123	**1.7**	*0.17*	0.22	*0.03*
USA, North Carolina: White	368	**1.4**	*0.08*	0.16	*0.01*	442	**1.3**	*0.07*	0.16	*0.01*
USA, North Dakota	34	**1.3**	*0.23*	0.15	*0.03*	56	**1.5**	*0.23*	0.20	*0.04*
USA, Ohio	614	**1.3**	*0.06*	0.14	*0.01*	847	**1.4**	*0.05*	0.16	*0.01*
USA, Ohio: Asian and Pacific Islander	2	**0.6**	*0.39*	0.04	*0.04*	2	**0.5**	*0.35*	0.09	*0.07*
USA, Ohio: Black	57	**1.6**	*0.22*	0.19	*0.03*	86	**1.6**	*0.18*	0.18	*0.03*
USA, Ohio: White	542	**1.3**	*0.06*	0.13	*0.01*	752	**1.3**	*0.06*	0.16	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Gallbladder etc. (C23-24) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	195	**1.5**	*0.11*	0.19	*0.02*	249	**1.4**	*0.10*	0.16	*0.01*
USA, Oklahoma: American Indian	23	**2.9**	*0.63*	0.37	*0.10*	31	**2.9**	*0.55*	0.37	*0.09*
USA, Oklahoma: Black	10	**1.6**	*0.51*	0.14	*0.06*	16	**1.7**	*0.46*	0.19	*0.07*
USA, Oklahoma: White	161	**1.4**	*0.11*	0.18	*0.02*	202	**1.3**	*0.10*	0.14	*0.01*
USA, Oregon	193	**1.3**	*0.10*	0.16	*0.02*	233	**1.3**	*0.09*	0.14	*0.01*
USA, Oregon: Asian and Pacific Islander	7	**2.1**	*0.83*	0.25	*0.13*	6	**1.1**	*0.44*	0.05	*0.04*
USA, Oregon: Black	2	**1.2**	*0.88*	0.10	*0.10*	1	**0.8**	*0.77*	0.13	*0.13*
USA, Oregon: White	176	**1.3**	*0.10*	0.15	*0.02*	216	**1.2**	*0.09*	0.14	*0.01*
USA, Pennsylvania	996	**1.8**	*0.06*	0.20	*0.01*	1298	**1.7**	*0.06*	0.20	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	19	**3.0**	*0.70*	0.31	*0.09*	14	**1.9**	*0.51*	0.23	*0.08*
USA, Pennsylvania: Black	73	**2.1**	*0.26*	0.25	*0.04*	126	**2.5**	*0.25*	0.30	*0.03*
USA, Pennsylvania: White	887	**1.7**	*0.06*	0.19	*0.01*	1139	**1.6**	*0.06*	0.18	*0.01*
USA, Rhode Island	90	**1.9**	*0.22*	0.22	*0.04*	102	**1.7**	*0.20*	0.19	*0.03*
USA, Rhode Island: Black	4	**2.9**	*1.48*	0.25	*0.19*	4	**2.3**	*1.21*	0.21	*0.13*
USA, Rhode Island: White	81	**1.8**	*0.22*	0.21	*0.04*	95	**1.6**	*0.20*	0.18	*0.03*
USA, South Carolina	248	**1.6**	*0.10*	0.20	*0.02*	297	**1.4**	*0.09*	0.17	*0.01*
USA, South Carolina: Black	65	**2.1**	*0.27*	0.27	*0.04*	84	**1.9**	*0.21*	0.23	*0.03*
USA, South Carolina: White	180	**1.5**	*0.11*	0.18	*0.02*	211	**1.3**	*0.10*	0.15	*0.02*
USA, South Dakota	33	**1.0**	*0.18*	0.13	*0.03*	50	**1.1**	*0.18*	0.11	*0.03*
USA, Tennessee	311	**1.4**	*0.08*	0.16	*0.01*	359	**1.3**	*0.07*	0.15	*0.01*
USA, Tennessee: Black	26	**1.1**	*0.22*	0.11	*0.03*	43	**1.4**	*0.22*	0.16	*0.03*
USA, Tennessee: White	282	**1.4**	*0.09*	0.16	*0.01*	310	**1.2**	*0.08*	0.15	*0.01*
USA, Texas	1143	**1.6**	*0.05*	0.19	*0.01*	1440	**1.6**	*0.05*	0.19	*0.01*
USA, Texas: Asian and Pacific Islander	21	**1.2**	*0.28*	0.13	*0.04*	32	**1.6**	*0.28*	0.18	*0.04*
USA, Texas: Black	89	**1.5**	*0.16*	0.16	*0.02*	135	**1.6**	*0.14*	0.18	*0.02*
USA, Texas: White	1000	**1.6**	*0.05*	0.19	*0.01*	1247	**1.6**	*0.05*	0.19	*0.01*
USA, Utah	75	**1.0**	*0.12*	0.11	*0.02*	111	**1.2**	*0.13*	0.13	*0.02*
USA, Vermont	39	**1.5**	*0.25*	0.18	*0.04*	45	**1.2**	*0.21*	0.12	*0.03*
USA, Virginia	346	**1.3**	*0.07*	0.16	*0.01*	452	**1.3**	*0.07*	0.15	*0.01*
USA, Virginia: Asian and Pacific Islander	6	**0.7**	*0.29*	0.07	*0.04*	24	**2.4**	*0.50*	0.30	*0.07*
USA, Virginia: Black	44	**1.1**	*0.17*	0.14	*0.03*	90	**1.5**	*0.17*	0.17	*0.03*
USA, Virginia: White	289	**1.4**	*0.08*	0.17	*0.01*	327	**1.2**	*0.07*	0.14	*0.01*
USA, Washington State	363	**1.6**	*0.09*	0.18	*0.01*	457	**1.6**	*0.08*	0.21	*0.01*
USA, Washington, Seattle	245	**1.6**	*0.11*	0.19	*0.02*	316	**1.6**	*0.10*	0.20	*0.02*
USA, West Virginia	118	**1.5**	*0.15*	0.19	*0.02*	183	**1.7**	*0.15*	0.21	*0.02*
USA, Wisconsin	334	**1.5**	*0.09*	0.17	*0.01*	440	**1.5**	*0.08*	0.17	*0.01*
USA, Wisconsin: Black	16	**2.5**	*0.66*	0.27	*0.09*	15	**1.6**	*0.43*	0.17	*0.06*
USA, Wisconsin: White	304	**1.4**	*0.09*	0.16	*0.01*	407	**1.4**	*0.08*	0.16	*0.01*
USA, Wyoming	28	**1.4**	*0.28*	0.17	*0.04*	29	**1.1**	*0.23*	0.08	*0.02*
Asia										
Bahrain: Bahraini	6	**0.8**	*0.36*	0.09	*0.04*	7	**0.9**	*0.35*	0.08	*0.04*
China, Beijing City	1028	**3.2**	*0.11*	0.37	*0.02*	1001	**3.0**	*0.10*	0.34	*0.01*
*China, Cixian County	12	**1.3**	*0.45*	0.12	*0.04*	13	**1.0**	*0.30*	0.12	*0.04*
China, Haining County	46	**2.1**	*0.31*	0.26	*0.05*	92	**3.6**	*0.40*	0.43	*0.06*
*China, Harbin City, Nangang District	82	**2.9**	*0.33*	0.33	*0.05*	75	**2.4**	*0.28*	0.29	*0.04*
China, Hong Kong	706	**2.5**	*0.10*	0.28	*0.01*	686	**2.1**	*0.09*	0.21	*0.01*
China, Jiashan County	50	**3.1**	*0.45*	0.35	*0.06*	97	**5.4**	*0.58*	0.66	*0.09*
China, Jiaxing City	43	**4.2**	*0.66*	0.50	*0.09*	64	**4.9**	*0.63*	0.63	*0.10*
China, Macao	31	**2.2**	*0.42*	0.23	*0.07*	31	**1.8**	*0.36*	0.19	*0.06*
China, Qidong County	60	**1.4**	*0.18*	0.15	*0.02*	75	**1.4**	*0.18*	0.16	*0.02*
*China, Shanghai City	920	**2.9**	*0.10*	0.32	*0.02*	1599	**4.2**	*0.12*	0.44	*0.02*
*China, Wuhan City	315	**2.2**	*0.13*	0.25	*0.02*	419	**2.8**	*0.14*	0.36	*0.02*
*China, Yangcheng County	5	**0.6**	*0.27*	0.09	*0.05*	14	**1.4**	*0.40*	0.16	*0.05*
*China, Yanting County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Zhongshan City	161	**5.8**	*0.47*	0.69	*0.07*	108	**3.2**	*0.32*	0.36	*0.05*
*India, Bangalore	92	**1.2**	*0.13*	0.14	*0.02*	109	**1.6**	*0.15*	0.18	*0.02*
*India; Barshi, Paranda, and Bhum	7	**0.7**	*0.27*	0.07	*0.03*	5	**0.5**	*0.23*	0.05	*0.02*
*India, Bhopal	55	**2.4**	*0.34*	0.30	*0.05*	93	**4.5**	*0.47*	0.57	*0.07*
*India, Chennai	145	**1.5**	*0.12*	0.19	*0.02*	120	**1.2**	*0.11*	0.14	*0.02*
*India, Dindigul, Ambilikkai	19	**0.4**	*0.10*	0.05	*0.01*	21	**0.4**	*0.09*	0.04	*0.01*
*India, Karunagappally	11	**1.0**	*0.31*	0.14	*0.05*	8	**0.6**	*0.23*	0.08	*0.03*
*India, Mizoram	17	**1.2**	*0.30*	0.16	*0.04*	38	**2.8**	*0.45*	0.35	*0.07*
*India, Mumbai	420	**1.7**	*0.08*	0.20	*0.01*	645	**2.7**	*0.11*	0.30	*0.01*
*India, New Delhi	977	**4.0**	*0.13*	0.46	*0.02*	1852	**8.0**	*0.19*	0.95	*0.03*
*India, Poona	79	**1.1**	*0.13*	0.15	*0.02*	78	**1.1**	*0.12*	0.11	*0.02*
*India, Sikkim State	14	**1.4**	*0.39*	0.15	*0.06*	38	**5.3**	*0.88*	0.65	*0.12*
*India, Trivandrum	15	**1.0**	*0.25*	0.14	*0.04*	14	**0.7**	*0.19*	0.07	*0.02*
*Iran (Islamic Republic of), Golestan Province	17	**1.2**	*0.31*	0.11	*0.03*	24	**1.6**	*0.35*	0.18	*0.05*
Israel	335	**1.8**	*0.10*	0.22	*0.02*	398	**1.5**	*0.08*	0.18	*0.01*
*Israel: Jews	299	**1.7**	*0.10*	0.22	*0.02*	355	**1.4**	*0.08*	0.17	*0.01*
*Israel: Non–Jews	36	**2.1**	*0.36*	0.23	*0.05*	43	**2.3**	*0.36*	0.22	*0.05*
Japan, Aichi Prefecture	363	**5.5**	*0.30*	0.56	*0.04*	361	**4.0**	*0.23*	0.39	*0.03*
Japan, Fukui Prefecture	431	**7.8**	*0.42*	0.76	*0.06*	456	**5.0**	*0.30*	0.47	*0.04*
Japan, Hiroshima	385	**6.6**	*0.35*	0.67	*0.05*	413	**4.6**	*0.27*	0.46	*0.04*
Japan, Miyagi Prefecture	1047	**7.4**	*0.25*	0.79	*0.04*	1014	**4.9**	*0.18*	0.51	*0.03*
Japan, Nagasaki Prefecture	599	**6.3**	*0.28*	0.67	*0.04*	800	**4.9**	*0.22*	0.48	*0.03*
Japan, Niigata Prefecture	1219	**7.1**	*0.22*	0.72	*0.03*	1426	**4.9**	*0.17*	0.46	*0.02*
*Japan, Osaka Prefecture	2511	**5.2**	*0.11*	0.56	*0.01*	2668	**3.8**	*0.08*	0.39	*0.01*
Japan, Saga Prefecture	330	**5.9**	*0.36*	0.59	*0.05*	470	**5.1**	*0.30*	0.50	*0.04*
Republic of Korea	10071	**8.2**	*0.08*	0.95	*0.01*	10085	**5.7**	*0.06*	0.67	*0.01*
Republic of Korea, Busan	855	**9.1**	*0.33*	1.11	*0.05*	967	**7.5**	*0.24*	0.88	*0.04*
Republic of Korea, Daegu	568	**10.0**	*0.44*	1.15	*0.06*	601	**7.2**	*0.30*	0.82	*0.04*
Republic of Korea, Daejeon	220	**7.1**	*0.49*	0.79	*0.07*	219	**5.2**	*0.36*	0.61	*0.05*
Republic of Korea, Gwangju	301	**10.1**	*0.60*	1.14	*0.09*	271	**6.2**	*0.38*	0.68	*0.06*
Republic of Korea, Incheon	378	**6.8**	*0.36*	0.88	*0.06*	439	**5.9**	*0.29*	0.72	*0.04*
Republic of Korea, Jejudo	118	**10.4**	*0.99*	1.32	*0.14*	166	**8.5**	*0.70*	0.96	*0.10*
Republic of Korea, Seoul	1638	**7.0**	*0.18*	0.78	*0.03*	1654	**5.2**	*0.13*	0.61	*0.02*
Republic of Korea, Ulsan	191	**9.9**	*0.78*	1.25	*0.12*	172	**6.3**	*0.50*	0.70	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Gallbladder etc. (C23-24) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	43	**1.2**	*0.23*	0.18	*0.04*	34	**1.6**	*0.30*	0.13	*0.04*
*Kuwait: Kuwaitis	21	**2.1**	*0.45*	0.31	*0.08*	19	**1.5**	*0.35*	0.12	*0.04*
*Kuwait: Non−Kuwaitis	22	**0.8**	*0.32*	0.08	*0.03*	15	**2.0**	*0.58*	0.17	*0.07*
*Malaysia, Penang	24	**1.1**	*0.23*	0.15	*0.04*	29	**1.2**	*0.22*	0.14	*0.04*
*Malaysia, Penang: Chinese	14	**1.1**	*0.29*	0.16	*0.05*	24	**1.5**	*0.30*	0.17	*0.05*
*Malaysia, Penang: Indian	2	**1.3**	*0.93*	0.07	*0.07*	1	**0.5**	*0.50*	0.08	*0.08*
*Malaysia, Penang: Malay	8	**1.2**	*0.43*	0.14	*0.06*	4	**0.5**	*0.26*	0.10	*0.05*
*Philippines, Manila	85	**1.2**	*0.14*	0.15	*0.02*	127	**1.4**	*0.13*	0.18	*0.02*
*Philippines, Rizal	88	**1.1**	*0.12*	0.13	*0.02*	124	**1.3**	*0.12*	0.17	*0.02*
Qatar: Qatari	4	**0.9**	*0.45*	–	-	8	**3.2**	*1.17*	0.55	*0.22*
*Saudi Arabia, Riyadh: Saudi	54	**1.2**	*0.18*	0.16	*0.03*	102	**2.5**	*0.25*	0.30	*0.04*
Singapore	173	**1.8**	*0.14*	0.23	*0.02*	218	**1.9**	*0.13*	0.20	*0.02*
Singapore: Chinese	139	**1.9**	*0.16*	0.24	*0.03*	191	**1.9**	*0.15*	0.22	*0.02*
Singapore: Indian	16	**2.1**	*0.55*	0.25	*0.08*	8	**1.2**	*0.43*	0.07	*0.04*
Singapore: Malay	15	**1.4**	*0.39*	0.18	*0.06*	17	**1.4**	*0.36*	0.21	*0.06*
Thailand, Bangkok	415	**3.1**	*0.16*	0.36	*0.02*	366	**2.1**	*0.11*	0.24	*0.02*
Thailand, Chiang Mai	94	**2.1**	*0.23*	0.30	*0.04*	112	**2.1**	*0.21*	0.23	*0.03*
Thailand, Chonburi	66	**2.6**	*0.33*	0.35	*0.05*	56	**1.8**	*0.25*	0.19	*0.03*
*Thailand, Khon Kaen	222	**5.4**	*0.37*	0.68	*0.06*	143	**2.9**	*0.25*	0.36	*0.04*
Thailand, Lampang	78	**3.2**	*0.36*	0.38	*0.05*	86	**3.1**	*0.35*	0.39	*0.05*
*Thailand, Songkhla	27	**1.1**	*0.21*	0.10	*0.03*	34	**1.1**	*0.19*	0.13	*0.03*
*Turkey, Antalya	62	**1.8**	*0.23*	0.26	*0.04*	68	**1.8**	*0.22*	0.20	*0.03*
*Turkey, Edirne	12	**1.2**	*0.36*	0.17	*0.05*	18	**1.5**	*0.37*	0.19	*0.05*
*Turkey, Izmir	231	**2.5**	*0.16*	0.31	*0.03*	228	**2.1**	*0.14*	0.25	*0.02*
*Turkey, Trabzon	5	**0.4**	*0.17*	0.03	*0.02*	10	**0.7**	*0.23*	0.07	*0.03*
Europe										
Austria	729	**1.9**	*0.08*	0.22	*0.01*	1229	**2.1**	*0.07*	0.22	*0.01*
Austria, Tyrol	47	**1.7**	*0.25*	0.26	*0.04*	70	**1.5**	*0.20*	0.12	*0.03*
Austria, Vorarlberg	21	**1.4**	*0.31*	0.13	*0.04*	38	**1.6**	*0.29*	0.13	*0.04*
*Belarus	368	**1.2**	*0.07*	0.15	*0.01*	702	**1.3**	*0.05*	0.17	*0.01*
*Belgium	594	**1.5**	*0.07*	0.18	*0.01*	672	**1.3**	*0.06*	0.15	*0.01*
Bulgaria	510	**1.5**	*0.07*	0.17	*0.01*	860	**1.9**	*0.07*	0.24	*0.01*
Croatia	530	**2.8**	*0.13*	0.33	*0.02*	995	**3.4**	*0.12*	0.38	*0.02*
Cyprus	54	**1.8**	*0.25*	0.18	*0.04*	55	**1.5**	*0.21*	0.16	*0.03*
Czech Republic	1671	**4.1**	*0.10*	0.46	*0.02*	3250	**5.2**	*0.10*	0.59	*0.01*
Denmark	370	**1.6**	*0.08*	0.19	*0.01*	501	**1.6**	*0.08*	0.20	*0.01*
*Estonia	78	**1.7**	*0.19*	0.20	*0.03*	137	**1.4**	*0.14*	0.17	*0.02*
Finland	444	**1.9**	*0.09*	0.21	*0.01*	777	**2.2**	*0.09*	0.23	*0.01*
*France, Bas−Rhin	75	**1.8**	*0.21*	0.22	*0.03*	107	**1.4**	*0.16*	0.15	*0.02*
*France, Calvados	71	**2.6**	*0.33*	0.27	*0.04*	66	**1.3**	*0.19*	0.13	*0.03*
*France, Doubs	51	**2.1**	*0.31*	0.19	*0.04*	60	**1.8**	*0.27*	0.19	*0.04*
*France, Haut−Rhin	52	**1.8**	*0.26*	0.22	*0.04*	53	**1.3**	*0.20*	0.14	*0.03*
*France, Hérault	95	**1.9**	*0.21*	0.17	*0.03*	109	**1.5**	*0.17*	0.15	*0.02*
*France, Isère	76	**1.5**	*0.18*	0.15	*0.03*	104	**1.5**	*0.17*	0.15	*0.02*
*France, Loire−Atlantique	73	**1.5**	*0.18*	0.16	*0.03*	95	**1.3**	*0.15*	0.15	*0.02*
*France, Manche	30	**1.2**	*0.24*	0.15	*0.04*	44	**1.0**	*0.20*	0.10	*0.03*
*France, Somme	41	**1.8**	*0.29*	0.22	*0.04*	77	**2.3**	*0.31*	0.23	*0.04*
*France, Tarn	43	**1.9**	*0.34*	0.16	*0.04*	53	**1.4**	*0.25*	0.13	*0.04*
*France, Vendée	26	**0.9**	*0.19*	0.12	*0.03*	59	**1.5**	*0.23*	0.17	*0.03*
Germany, Brandenburg	315	**2.5**	*0.14*	0.31	*0.02*	619	**3.2**	*0.14*	0.35	*0.02*
Germany, Bremen	67	**1.8**	*0.24*	0.19	*0.03*	92	**1.9**	*0.24*	0.21	*0.03*
Germany, Free State of Saxony	712	**3.1**	*0.12*	0.37	*0.02*	1454	**4.0**	*0.12*	0.47	*0.02*
Germany, Hamburg	157	**1.9**	*0.16*	0.22	*0.02*	230	**1.7**	*0.14*	0.19	*0.02*
Germany, Mecklenburg−Western Pomerania	224	**2.8**	*0.19*	0.30	*0.02*	492	**4.0**	*0.20*	0.46	*0.03*
Germany, Munich	409	**2.3**	*0.12*	0.27	*0.02*	647	**2.3**	*0.10*	0.26	*0.02*
Germany, North Rhine−Westphalia	277	**2.2**	*0.14*	0.25	*0.02*	409	**2.2**	*0.13*	0.25	*0.02*
Germany, Saarland	161	**3.0**	*0.25*	0.34	*0.03*	229	**2.6**	*0.20*	0.29	*0.03*
Germany, Schleswig−Holstein	256	**1.8**	*0.12*	0.21	*0.02*	405	**1.9**	*0.11*	0.21	*0.02*
Iceland	22	**2.0**	*0.44*	0.23	*0.07*	21	**1.5**	*0.37*	0.21	*0.07*
Ireland	251	**1.7**	*0.11*	0.21	*0.02*	382	**2.1**	*0.12*	0.24	*0.02*
Italy, Biella	35	**2.7**	*0.49*	0.23	*0.07*	51	**3.3**	*0.59*	0.38	*0.08*
Italy, Brescia	97	**2.5**	*0.26*	0.31	*0.04*	161	**2.7**	*0.26*	0.31	*0.04*
Italy, Catania and Messina	201	**4.2**	*0.32*	0.52	*0.05*	249	**4.0**	*0.29*	0.48	*0.04*
Italy, Catanzaro	44	**4.2**	*0.70*	0.45	*0.09*	56	**4.0**	*0.61*	0.49	*0.09*
Italy, Como	98	**3.5**	*0.37*	0.43	*0.06*	123	**2.9**	*0.30*	0.36	*0.05*
Italy, Ferrara	71	**2.9**	*0.37*	0.37	*0.06*	110	**3.2**	*0.38*	0.36	*0.05*
Italy, Florence and Prato	135	**3.2**	*0.30*	0.36	*0.04*	133	**1.9**	*0.21*	0.20	*0.03*
Italy, Friuli−Venezia Giulia	202	**2.9**	*0.22*	0.30	*0.03*	318	**3.0**	*0.20*	0.34	*0.03*
Italy, Genoa	141	**3.0**	*0.28*	0.35	*0.04*	218	**2.7**	*0.24*	0.29	*0.03*
Italy, Latina	79	**3.1**	*0.37*	0.38	*0.06*	75	**2.5**	*0.32*	0.30	*0.05*
Italy, Lecco	48	**2.9**	*0.43*	0.29	*0.06*	75	**2.8**	*0.39*	0.29	*0.06*
Italy, Lombardy, South	84	**3.4**	*0.39*	0.38	*0.06*	122	**3.7**	*0.41*	0.41	*0.05*
Italy, Mantua	42	**3.1**	*0.53*	0.26	*0.06*	44	**2.1**	*0.40*	0.20	*0.05*
Italy, Milan	178	**2.9**	*0.24*	0.33	*0.03*	281	**2.9**	*0.21*	0.33	*0.03*
Italy, Modena	94	**2.1**	*0.24*	0.22	*0.04*	138	**2.5**	*0.26*	0.27	*0.04*
Italy, Naples	61	**3.3**	*0.44*	0.42	*0.07*	101	**4.4**	*0.47*	0.50	*0.07*
Italy, Nuoro	42	**3.2**	*0.52*	0.37	*0.08*	51	**2.9**	*0.47*	0.29	*0.06*
Italy, Palermo	159	**3.5**	*0.30*	0.37	*0.04*	232	**3.8**	*0.28*	0.46	*0.04*
Italy, Parma	85	**3.1**	*0.37*	0.33	*0.05*	115	**2.8**	*0.34*	0.32	*0.05*
Italy, Ragusa	68	**4.3**	*0.57*	0.54	*0.09*	76	**3.7**	*0.49*	0.43	*0.07*
Italy, Reggio Emilia	57	**1.9**	*0.29*	0.21	*0.04*	89	**2.2**	*0.28*	0.27	*0.04*
Italy, Romagna	188	**2.5**	*0.20*	0.26	*0.03*	263	**2.6**	*0.20*	0.29	*0.03*
Italy, Salerno	157	**3.0**	*0.26*	0.35	*0.04*	251	**3.7**	*0.27*	0.42	*0.04*
Italy, Sassari	89	**3.8**	*0.43*	0.42	*0.06*	100	**3.6**	*0.39*	0.45	*0.06*
Italy, Sondrio	34	**3.9**	*0.71*	0.31	*0.08*	29	**2.3**	*0.51*	0.25	*0.07*
Italy, South Tyrol	63	**3.5**	*0.47*	0.36	*0.06*	93	**3.9**	*0.47*	0.51	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Gallbladder etc. (C23-24) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	62	**3.5**	*0.47*	0.40	*0.06*	97	**3.9**	*0.44*	0.52	*0.07*
Italy, Trapani	55	**3.0**	*0.44*	0.35	*0.06*	81	**3.1**	*0.40*	0.38	*0.06*
Italy, Trento	61	**2.8**	*0.39*	0.24	*0.05*	100	**3.2**	*0.39*	0.37	*0.06*
Italy, Turin	186	**3.3**	*0.26*	0.36	*0.04*	251	**2.7**	*0.20*	0.26	*0.03*
Italy, Umbria	146	**2.5**	*0.23*	0.28	*0.03*	208	**2.8**	*0.24*	0.32	*0.03*
Italy, Varese	134	**3.1**	*0.28*	0.36	*0.04*	213	**3.4**	*0.27*	0.41	*0.04*
Italy, Veneto	270	**2.9**	*0.18*	0.34	*0.03*	412	**2.8**	*0.16*	0.30	*0.02*
Latvia	86	**1.3**	*0.15*	0.14	*0.02*	162	**1.3**	*0.12*	0.15	*0.02*
Lithuania	205	**1.8**	*0.13*	0.21	*0.02*	409	**1.9**	*0.10*	0.21	*0.01*
Malta	32	**2.1**	*0.38*	0.22	*0.05*	22	**1.1**	*0.25*	0.12	*0.03*
*The Netherlands	1319	**1.9**	*0.05*	0.22	*0.01*	1532	**1.7**	*0.05*	0.18	*0.01*
*The Netherlands, Eindhoven	86	**2.0**	*0.22*	0.23	*0.03*	88	**1.5**	*0.18*	0.16	*0.03*
Norway	311	**1.6**	*0.09*	0.18	*0.01*	379	**1.4**	*0.09*	0.16	*0.01*
Poland, Cracow	64	**2.8**	*0.36*	0.35	*0.05*	154	**4.3**	*0.37*	0.56	*0.06*
Poland, Kielce	97	**2.0**	*0.21*	0.23	*0.03*	283	**3.8**	*0.25*	0.47	*0.04*
Poland, Lower Silesia	233	**2.3**	*0.16*	0.26	*0.02*	596	**3.7**	*0.17*	0.44	*0.02*
Poland, Podkarpackie	155	**2.2**	*0.18*	0.24	*0.03*	408	**3.9**	*0.21*	0.45	*0.03*
Portugal, Azores	45	**4.5**	*0.71*	0.40	*0.10*	39	**3.5**	*0.62*	0.42	*0.09*
Russian Federation, Saint Petersburg	248	**1.7**	*0.11*	0.22	*0.02*	581	**1.8**	*0.08*	0.20	*0.01*
*Serbia, Central	321	**1.3**	*0.08*	0.17	*0.01*	603	**2.0**	*0.09*	0.25	*0.01*
Slovakia	630	**3.6**	*0.15*	0.43	*0.02*	1348	**5.0**	*0.15*	0.59	*0.02*
Slovenia	277	**3.4**	*0.21*	0.41	*0.03*	446	**3.3**	*0.18*	0.35	*0.03*
Spain, Albacete	25	**1.4**	*0.31*	0.17	*0.04*	63	**2.1**	*0.32*	0.22	*0.05*
Spain, Asturias	91	**1.5**	*0.17*	0.16	*0.02*	101	**1.0**	*0.12*	0.12	*0.02*
Spain, Basque Country	319	**2.8**	*0.17*	0.32	*0.03*	367	**2.1**	*0.13*	0.23	*0.02*
Spain, Canary Islands	108	**2.1**	*0.21*	0.23	*0.03*	149	**2.4**	*0.22*	0.29	*0.03*
Spain, Ciudad Real	47	**1.9**	*0.32*	0.19	*0.05*	58	**1.7**	*0.28*	0.19	*0.04*
Spain, Cuenca	32	**2.2**	*0.45*	0.27	*0.07*	48	**2.1**	*0.40*	0.20	*0.06*
Spain, Girona	82	**2.7**	*0.32*	0.30	*0.05*	100	**2.0**	*0.24*	0.19	*0.04*
*Spain, Granada	110	**2.8**	*0.29*	0.33	*0.04*	174	**3.6**	*0.31*	0.44	*0.05*
Spain, La Rioja	51	**2.9**	*0.46*	0.31	*0.07*	63	**2.7**	*0.42*	0.31	*0.06*
Spain, Mallorca	84	**2.4**	*0.28*	0.26	*0.04*	126	**2.3**	*0.24*	0.20	*0.03*
Spain, Murcia	102	**1.8**	*0.19*	0.20	*0.03*	145	**1.9**	*0.18*	0.21	*0.03*
Spain, Navarra	76	**2.4**	*0.30*	0.25	*0.04*	123	**2.9**	*0.32*	0.29	*0.04*
Spain, Tarragona	87	**2.6**	*0.30*	0.28	*0.04*	89	**2.1**	*0.26*	0.25	*0.04*
*Sweden	643	**1.4**	*0.06*	0.17	*0.01*	1173	**2.2**	*0.07*	0.28	*0.01*
Switzerland, Basel	22	**1.0**	*0.22*	0.12	*0.03*	47	**1.6**	*0.27*	0.17	*0.04*
Switzerland, Geneva	27	**1.5**	*0.31*	0.17	*0.04*	40	**1.7**	*0.29*	0.23	*0.05*
Switzerland, Graubünden and Glarus	33	**3.2**	*0.58*	0.40	*0.09*	30	**1.5**	*0.32*	0.12	*0.05*
Switzerland, Neuchâtel	18	**2.0**	*0.52*	0.15	*0.06*	22	**1.8**	*0.46*	0.22	*0.07*
Switzerland, St Gall−Appenzell	50	**2.0**	*0.30*	0.21	*0.04*	81	**2.5**	*0.32*	0.32	*0.05*
Switzerland, Ticino	39	**2.1**	*0.36*	0.22	*0.05*	49	**1.8**	*0.30*	0.17	*0.04*
Switzerland, Valais	20	**1.5**	*0.36*	0.14	*0.05*	33	**1.9**	*0.37*	0.22	*0.06*
Switzerland, Vaud	65	**2.3**	*0.30*	0.32	*0.05*	82	**1.9**	*0.24*	0.20	*0.04*
Switzerland, Zurich	114	**2.0**	*0.20*	0.24	*0.03*	158	**2.0**	*0.19*	0.24	*0.03*
Ukraine	1923	**1.2**	*0.03*	0.15	*0.00*	3556	**1.3**	*0.02*	0.17	*0.00*
UK, England	2447	**1.1**	*0.02*	0.12	*0.00*	3357	**1.1**	*0.02*	0.14	*0.00*
UK, England, East of England Region	283	**1.0**	*0.07*	0.12	*0.01*	392	**1.1**	*0.06*	0.13	*0.01*
UK, England, North Western	308	**1.1**	*0.06*	0.13	*0.01*	437	**1.1**	*0.06*	0.13	*0.01*
UK, England, Northern and Yorkshire	345	**1.1**	*0.06*	0.12	*0.01*	462	**1.1**	*0.06*	0.13	*0.01*
UK, England, Oxford Region	86	**0.8**	*0.09*	0.09	*0.01*	143	**1.1**	*0.10*	0.14	*0.02*
UK, England, South and Western Regions	351	**1.0**	*0.06*	0.11	*0.01*	485	**1.1**	*0.06*	0.13	*0.01*
UK, England, Thames	543	**1.2**	*0.05*	0.14	*0.01*	673	**1.1**	*0.05*	0.13	*0.01*
UK, England, Trent	169	**1.2**	*0.10*	0.14	*0.01*	247	**1.4**	*0.10*	0.16	*0.01*
UK, England, West Midlands	261	**1.1**	*0.07*	0.13	*0.01*	384	**1.3**	*0.08*	0.16	*0.01*
UK, Northern Ireland	111	**1.7**	*0.16*	0.19	*0.02*	168	**1.8**	*0.15*	0.19	*0.02*
UK, Scotland	290	**1.3**	*0.08*	0.14	*0.01*	439	**1.5**	*0.08*	0.17	*0.01*
UK, Wales	137	**0.9**	*0.09*	0.11	*0.01*	199	**1.0**	*0.08*	0.11	*0.01*
Oceania										
Australian Capital Territory	19	**1.9**	*0.44*	0.25	*0.07*	17	**1.3**	*0.34*	0.16	*0.06*
Australia, New South Wales	419	**1.5**	*0.08*	0.18	*0.01*	514	**1.5**	*0.07*	0.17	*0.01*
Australia, Northern Territory	5	**1.2**	*0.55*	0.16	*0.09*	10	**2.5**	*0.82*	0.18	*0.11*
Australia, Northern Territory: Indigenous	3	**5.8**	*3.36*	1.01	*0.65*	6	**6.4**	*2.69*	0.71	*0.38*
Australia, Northern Territory: Non−Indigenous	2	**0.5**	*0.38*	0.03	*0.03*	4	**1.3**	*0.66*	–	-
Australia, Queensland	245	**1.6**	*0.10*	0.17	*0.01*	304	**1.6**	*0.10*	0.18	*0.02*
South Australia	123	**1.6**	*0.15*	0.18	*0.02*	182	**1.9**	*0.16*	0.21	*0.02*
Australia, Tasmania	33	**1.5**	*0.28*	0.21	*0.05*	55	**1.8**	*0.27*	0.17	*0.04*
Australia, Victoria	361	**1.8**	*0.10*	0.21	*0.01*	509	**2.0**	*0.10*	0.24	*0.02*
Western Australia	145	**1.8**	*0.16*	0.18	*0.02*	155	**1.7**	*0.15*	0.18	*0.02*
New Zealand	194	**1.2**	*0.09*	0.16	*0.01*	291	**1.6**	*0.10*	0.18	*0.01*
New Zealand: Maori	17	**1.8**	*0.46*	0.23	*0.07*	33	**3.3**	*0.59*	0.34	*0.08*
New Zealand: Pacific Islander	12	**3.1**	*0.92*	0.39	*0.14*	13	**2.9**	*0.81*	0.42	*0.13*
New Zealand: Other	165	**1.1**	*0.09*	0.14	*0.01*	245	**1.4**	*0.10*	0.16	*0.01*
USA, Hawaii	112	**2.2**	*0.22*	0.27	*0.03*	108	**1.5**	*0.17*	0.17	*0.03*
*USA, Hawaii: Chinese	7	**2.8**	*1.11*	0.48	*0.20*	10	**1.2**	*0.41*	0.07	*0.07*
*USA, Hawaii: Filipino	18	**2.7**	*0.71*	0.33	*0.11*	18	**2.4**	*0.61*	0.32	*0.10*
*USA, Hawaii: Hawaiian	7	**1.2**	*0.47*	0.16	*0.08*	15	**1.9**	*0.51*	0.24	*0.08*
*USA, Hawaii: Japanese	39	**2.5**	*0.45*	0.26	*0.07*	36	**1.1**	*0.25*	0.12	*0.04*
*USA, Hawaii: White	29	**2.1**	*0.40*	0.26	*0.06*	16	**1.0**	*0.29*	0.11	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pancreas (C25)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	21	**0.8**	*0.19*	–	-	21	**0.9**	*0.20*	–	-
Egypt, Gharbiah	311	**4.5**	*0.26*	0.54	*0.04*	148	**2.1**	*0.18*	0.25	*0.03*
*Libya, Benghazi	64	**5.4**	*0.69*	0.67	*0.11*	37	**2.9**	*0.49*	0.29	*0.07*
*Malawi, Blantyre	1	**0.1**	*0.07*	0.01	*0.01*	5	**0.4**	*0.20*	0.04	*0.02*
*South Africa, PROMEC	5	**0.4**	*0.17*	0.04	*0.02*	11	**0.4**	*0.13*	0.05	*0.02*
*Tunisia, North	169	**2.4**	*0.19*	0.31	*0.03*	87	**1.2**	*0.14*	0.15	*0.02*
*Uganda, Kyadondo County	30	**2.7**	*0.61*	0.39	*0.11*	25	**2.1**	*0.46*	0.29	*0.08*
*Zimbabwe, Harare: African	36	**4.3**	*0.78*	0.42	*0.10*	41	**6.1**	*1.00*	0.67	*0.14*
America, Central and South										
Argentina, Bahía Blanca	60	**6.7**	*0.91*	0.74	*0.12*	90	**5.7**	*0.70*	0.70	*0.11*
Argentina, Córdoba	197	**7.2**	*0.52*	0.90	*0.08*	230	**5.2**	*0.37*	0.57	*0.05*
Argentina, Mendoza	310	**6.8**	*0.40*	0.79	*0.06*	344	**5.8**	*0.33*	0.73	*0.05*
*Argentina, Tierra del Fuego	14	**8.4**	*2.32*	1.10	*0.39*	8	**4.7**	*1.77*	0.58	*0.26*
Brazil, Aracaju	18	**3.3**	*0.79*	0.36	*0.11*	49	**5.5**	*0.82*	0.60	*0.12*
Brazil, Belo Horizonte	155	**6.1**	*0.50*	0.69	*0.07*	164	**4.1**	*0.33*	0.45	*0.05*
Brazil, Cuiabá	29	**3.3**	*0.64*	0.48	*0.11*	41	**4.4**	*0.70*	0.53	*0.11*
Brazil, Fortaleza	88	**3.1**	*0.34*	0.36	*0.05*	127	**3.0**	*0.27*	0.33	*0.04*
Brazil, Goiânia	106	**5.4**	*0.53*	0.62	*0.08*	109	**4.3**	*0.42*	0.54	*0.06*
*Brazil, São Paulo	1138	**5.2**	*0.16*	0.61	*0.02*	1324	**4.2**	*0.12*	0.46	*0.02*
Chile, Region of Antofagasta	59	**5.6**	*0.74*	0.83	*0.13*	57	**4.2**	*0.58*	0.42	*0.08*
Chile, Bío Bío Province	52	**4.9**	*0.68*	0.53	*0.10*	48	**4.0**	*0.60*	0.34	*0.07*
Chile, Valdivia	53	**5.1**	*0.71*	0.53	*0.09*	50	**4.1**	*0.60*	0.45	*0.08*
Colombia, Bucaramanga	35	**1.8**	*0.30*	0.20	*0.04*	69	**2.3**	*0.29*	0.26	*0.04*
Colombia, Cali	165	**3.9**	*0.31*	0.44	*0.04*	203	**3.4**	*0.25*	0.37	*0.04*
Colombia, Manizales	26	**2.9**	*0.59*	0.35	*0.08*	26	**2.1**	*0.42*	0.26	*0.06*
Colombia, Pasto	35	**4.6**	*0.79*	0.49	*0.12*	53	**5.4**	*0.77*	0.61	*0.11*
Costa Rica	402	**4.5**	*0.23*	0.52	*0.04*	373	**3.7**	*0.20*	0.42	*0.03*
Cuba, Villa Clara	127	**4.4**	*0.42*	0.48	*0.06*	114	**3.9**	*0.40*	0.44	*0.06*
Ecuador, Cuenca	30	**3.5**	*0.68*	0.40	*0.10*	42	**3.6**	*0.59*	0.46	*0.09*
Ecuador, Quito	90	**3.1**	*0.34*	0.37	*0.05*	137	**3.7**	*0.33*	0.43	*0.05*
*France, Martinique	82	**5.3**	*0.61*	0.60	*0.09*	73	**3.5**	*0.45*	0.40	*0.07*
*Jamaica, Kingston and St Andrew	34	**2.3**	*0.40*	0.24	*0.06*	43	**2.4**	*0.39*	0.30	*0.06*
USA, Puerto Rico	513	**3.6**	*0.17*	0.43	*0.02*	503	**2.6**	*0.13*	0.29	*0.02*
Uruguay	623	**9.2**	*0.39*	1.12	*0.06*	641	**6.5**	*0.29*	0.74	*0.04*
America, North										
Canada	9046	**7.1**	*0.08*	0.86	*0.01*	9474	**5.6**	*0.06*	0.64	*0.01*
Canada, Alberta	821	**7.4**	*0.27*	0.87	*0.04*	860	**6.2**	*0.23*	0.71	*0.04*
Canada, British Columbia	1221	**6.7**	*0.20*	0.79	*0.03*	1255	**5.5**	*0.17*	0.62	*0.03*
Canada, Manitoba	355	**7.5**	*0.42*	0.90	*0.06*	346	**5.5**	*0.34*	0.68	*0.05*
Canada, New Brunswick	293	**9.5**	*0.57*	1.19	*0.09*	285	**6.3**	*0.42*	0.70	*0.06*
Canada, Newfoundland and Labrador	94	**4.6**	*0.49*	0.57	*0.07*	58	**2.6**	*0.36*	0.32	*0.05*
*Canada, Northwest Territories	8	**8.1**	*3.07*	1.09	*0.51*	4	**5.1**	*2.76*	0.65	*0.42*
Canada, Nova Scotia	308	**7.7**	*0.45*	0.88	*0.07*	334	**6.1**	*0.38*	0.66	*0.05*
Canada, Ontario	3029	**6.4**	*0.12*	0.78	*0.02*	3184	**5.0**	*0.10*	0.56	*0.01*
Canada, Prince Edward Island	49	**8.6**	*1.26*	1.18	*0.20*	43	**5.0**	*0.87*	0.49	*0.12*
*Canada, Quebec	2563	**8.3**	*0.17*	0.99	*0.02*	2751	**6.5**	*0.14*	0.74	*0.02*
Canada, Saskatchewan	300	**7.1**	*0.44*	0.84	*0.07*	350	**6.0**	*0.38*	0.67	*0.06*
*Canada, Yukon	5	**4.5**	*2.06*	0.43	*0.25*	4	**4.0**	*2.05*	0.57	*0.38*
USA, NPCR (42 states)	77969	**8.2**	*0.03*	0.99	*0.00*	78923	**6.1**	*0.02*	0.72	*0.00*
USA, NPCR (42 states): American Indian	314	**4.9**	*0.28*	0.61	*0.04*	352	**4.6**	*0.25*	0.57	*0.04*
USA, NPCR (42 states): Asian and Pacific Islander	1465	**4.6**	*0.12*	0.51	*0.02*	1658	**4.0**	*0.10*	0.46	*0.02*
USA, NPCR (42 states): Black	8694	**10.7**	*0.12*	1.31	*0.02*	10162	**8.2**	*0.09*	0.96	*0.01*
USA, NPCR (42 states): White	66830	**8.0**	*0.03*	0.97	*0.00*	66214	**5.9**	*0.03*	0.69	*0.00*
USA, SEER (9 registries)	8204	**8.4**	*0.10*	1.01	*0.01*	8316	**6.3**	*0.08*	0.73	*0.01*
*USA, SEER (9 registries): Black	851	**11.4**	*0.40*	1.41	*0.06*	995	**9.0**	*0.30*	1.06	*0.05*
*USA, SEER (9 registries): White	6640	**8.3**	*0.11*	1.00	*0.02*	6581	**6.1**	*0.09*	0.71	*0.01*
USA, SEER (18 registries)	22814	**8.2**	*0.06*	0.98	*0.01*	23485	**6.2**	*0.05*	0.72	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	1382	**6.0**	*0.17*	0.69	*0.03*	1457	**4.8**	*0.14*	0.57	*0.02*
*USA, SEER (18 registries): Black	2460	**10.9**	*0.22*	1.33	*0.03*	2911	**8.6**	*0.17*	1.00	*0.03*
*USA, SEER (18 registries): Hispanic White	1901	**7.1**	*0.17*	0.85	*0.03*	2102	**6.1**	*0.14*	0.71	*0.02*
*USA, SEER (18 registries): Non–Hispanic White	16887	**8.3**	*0.07*	0.99	*0.01*	16810	**6.0**	*0.05*	0.70	*0.01*
*USA, SEER (18 registries): White	18788	**8.1**	*0.06*	0.97	*0.01*	18912	**6.0**	*0.05*	0.70	*0.01*
USA, Alabama	1379	**8.4**	*0.23*	1.02	*0.03*	1293	**5.4**	*0.17*	0.63	*0.02*
USA, Alabama: Black	307	**10.4**	*0.61*	1.27	*0.09*	332	**6.8**	*0.41*	0.78	*0.06*
USA, Alabama: White	1064	**7.9**	*0.25*	0.97	*0.04*	944	**5.0**	*0.18*	0.59	*0.03*
USA, Alaska	140	**7.8**	*0.68*	0.88	*0.10*	117	**6.3**	*0.61*	0.81	*0.10*
*USA, Alaska: American Indian	26	**10.7**	*2.15*	1.38	*0.35*	25	**8.5**	*1.74*	1.24	*0.31*
USA, Arizona	1613	**7.3**	*0.19*	0.89	*0.03*	1456	**5.2**	*0.15*	0.61	*0.02*
USA, Arizona: American Indian	33	**5.4**	*0.96*	0.55	*0.13*	30	**3.8**	*0.72*	0.44	*0.11*
USA, Arizona: Asian and Pacific Islander	13	**3.8**	*1.08*	0.42	*0.15*	11	**2.3**	*0.70*	0.31	*0.11*
USA, Arizona: Black	40	**7.8**	*1.27*	1.11	*0.21*	51	**9.1**	*1.32*	1.11	*0.19*
USA, Arizona: White	1524	**7.4**	*0.20*	0.90	*0.03*	1363	**5.2**	*0.16*	0.61	*0.02*
USA, Arkansas	826	**7.7**	*0.28*	0.93	*0.04*	795	**5.5**	*0.22*	0.64	*0.03*
USA, Arkansas: Black	114	**10.9**	*1.06*	1.30	*0.16*	126	**8.0**	*0.78*	0.86	*0.11*
USA, Arkansas: White	706	**7.4**	*0.29*	0.89	*0.04*	664	**5.2**	*0.23*	0.61	*0.03*
USA, California	8998	**7.7**	*0.08*	0.91	*0.01*	9406	**6.0**	*0.07*	0.70	*0.01*
USA, California: American Indian	27	**2.6**	*0.52*	0.32	*0.08*	36	**2.7**	*0.46*	0.32	*0.07*
USA, California: Asian and Pacific Islander	788	**5.3**	*0.20*	0.59	*0.03*	875	**4.5**	*0.16*	0.52	*0.02*
USA, California: Black	645	**10.2**	*0.41*	1.25	*0.06*	791	**8.8**	*0.33*	0.99	*0.05*
USA, California: White	7447	**7.8**	*0.10*	0.93	*0.01*	7634	**6.1**	*0.08*	0.70	*0.01*
USA, California, Los Angeles County	2161	**7.4**	*0.17*	0.88	*0.03*	2442	**5.9**	*0.13*	0.69	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander	294	**6.5**	*0.39*	0.77	*0.06*	299	**4.8**	*0.30*	0.59	*0.05*
*USA, California, Los Angeles County: Black	264	**9.6**	*0.61*	1.15	*0.09*	353	**8.5**	*0.49*	1.00	*0.07*
*USA, California, Los Angeles County: Chinese	79	**5.4**	*0.65*	0.59	*0.09*	69	**3.9**	*0.50*	0.42	*0.08*
*USA, California, Los Angeles County: Filipino	50	**5.6**	*0.83*	0.73	*0.13*	70	**5.3**	*0.67*	0.59	*0.09*
*USA, California, Los Angeles County: Hispanic White	463	**6.5**	*0.31*	0.80	*0.05*	543	**5.3**	*0.24*	0.61	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pancreas (C25) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	55	**8.9**	*1.45*	0.86	*0.19*	63	**6.7**	*1.04*	0.78	*0.15*
*USA, California, Los Angeles County: Korean	62	**10.3**	*1.32*	1.39	*0.21*	54	**6.3**	*0.90*	0.75	*0.13*
*USA, California, Los Angeles County: Non−Hispanic White	1131	**7.8**	*0.25*	0.91	*0.04*	1236	**6.2**	*0.21*	0.70	*0.03*
*USA, California, Los Angeles County: White	1594	**7.3**	*0.19*	0.86	*0.03*	1779	**5.8**	*0.16*	0.66	*0.02*
USA, California, San Francisco Bay Area	1203	**7.7**	*0.23*	0.90	*0.04*	1270	**5.9**	*0.19*	0.67	*0.03*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	183	**5.2**	*0.40*	0.54	*0.06*	184	**3.8**	*0.31*	0.42	*0.05*
*USA, California, San Francisco Bay Area: Black	118	**10.0**	*0.95*	1.28	*0.15*	168	**8.9**	*0.75*	0.99	*0.11*
*USA, California, San Francisco Bay Area: Hispanic White	100	**7.0**	*0.74*	0.80	*0.11*	129	**6.4**	*0.61*	0.72	*0.09*
*USA, California, San Francisco Bay Area: Non−Hispanic White	793	**8.4**	*0.32*	0.98	*0.05*	775	**6.2**	*0.26*	0.70	*0.04*
*USA, California, San Francisco Bay Area: White	893	**8.2**	*0.29*	0.96	*0.04*	904	**6.2**	*0.24*	0.70	*0.04*
USA, Colorado	1090	**7.3**	*0.23*	0.91	*0.04*	1092	**5.7**	*0.19*	0.67	*0.03*
USA, Colorado: Asian and Pacific Islander	13	**5.0**	*1.41*	0.63	*0.23*	17	**4.2**	*1.05*	0.57	*0.19*
USA, Colorado: Black	52	**11.7**	*1.68*	1.54	*0.27*	40	**7.3**	*1.20*	0.87	*0.18*
USA, Colorado: White	1018	**7.3**	*0.23*	0.89	*0.04*	1030	**5.7**	*0.19*	0.67	*0.03*
USA, Connecticut	1302	**9.7**	*0.28*	1.16	*0.04*	1327	**6.9**	*0.22*	0.81	*0.03*
*USA, Connecticut: Black	111	**14.1**	*1.36*	1.73	*0.21*	105	**9.1**	*0.91*	1.18	*0.15*
*USA, Connecticut: White	1179	**9.5**	*0.29*	1.13	*0.04*	1203	**6.7**	*0.23*	0.77	*0.03*
USA, Delaware	256	**8.1**	*0.53*	0.97	*0.08*	286	**6.5**	*0.43*	0.75	*0.06*
USA, Delaware: Black	35	**8.7**	*1.50*	1.10	*0.22*	48	**7.9**	*1.21*	0.74	*0.16*
USA, Delaware: White	219	**8.0**	*0.57*	0.96	*0.08*	235	**6.3**	*0.46*	0.75	*0.07*
USA, Florida	6634	**8.3**	*0.11*	1.01	*0.02*	6252	**6.0**	*0.09*	0.70	*0.01*
USA, Florida: Asian and Pacific Islander	24	**2.4**	*0.49*	0.37	*0.09*	42	**2.9**	*0.46*	0.35	*0.07*
USA, Florida: Black	598	**9.4**	*0.39*	1.16	*0.06*	639	**7.2**	*0.30*	0.87	*0.05*
USA, Florida: White	5926	**8.2**	*0.12*	0.99	*0.02*	5490	**5.8**	*0.09*	0.68	*0.01*
USA, Georgia	2192	**8.2**	*0.18*	1.00	*0.03*	2172	**5.8**	*0.14*	0.69	*0.02*
USA, Georgia: Asian and Pacific Islander	18	**3.6**	*0.89*	0.45	*0.14*	17	**2.9**	*0.73*	0.37	*0.11*
USA, Georgia: Black	577	**10.7**	*0.46*	1.34	*0.07*	677	**8.0**	*0.33*	0.96	*0.05*
USA, Georgia: White	1585	**7.6**	*0.20*	0.92	*0.03*	1473	**5.2**	*0.15*	0.61	*0.02*
USA, Georgia, Atlanta	613	**7.6**	*0.32*	0.96	*0.05*	613	**5.5**	*0.24*	0.63	*0.04*
*USA, Georgia, Atlanta: Black	194	**9.5**	*0.72*	1.24	*0.12*	229	**7.3**	*0.51*	0.86	*0.08*
*USA, Georgia, Atlanta: White	397	**7.1**	*0.37*	0.87	*0.06*	376	**4.9**	*0.28*	0.56	*0.04*
USA, Idaho	426	**8.4**	*0.42*	1.02	*0.06*	404	**6.4**	*0.36*	0.76	*0.05*
USA, Illinois	3975	**9.1**	*0.15*	1.09	*0.02*	4076	**6.5**	*0.12*	0.76	*0.02*
USA, Illinois: Asian and Pacific Islander	64	**4.6**	*0.59*	0.48	*0.08*	53	**2.9**	*0.41*	0.27	*0.06*
USA, Illinois: Black	595	**12.7**	*0.53*	1.51	*0.08*	669	**9.3**	*0.38*	1.12	*0.06*
USA, Illinois: White	3282	**8.7**	*0.16*	1.04	*0.02*	3346	**6.2**	*0.12*	0.72	*0.02*
USA, Indiana	1858	**8.3**	*0.20*	1.01	*0.03*	1892	**6.1**	*0.16*	0.72	*0.02*
USA, Indiana: Black	145	**11.3**	*0.96*	1.47	*0.15*	173	**9.0**	*0.72*	1.05	*0.11*
USA, Indiana: White	1703	**8.2**	*0.21*	0.98	*0.03*	1707	**5.9**	*0.16*	0.70	*0.02*
USA, Iowa	959	**8.0**	*0.28*	0.94	*0.04*	1007	**6.0**	*0.22*	0.69	*0.03*
USA, Kentucky	1258	**8.3**	*0.24*	1.04	*0.04*	1287	**6.1**	*0.19*	0.70	*0.03*
USA, Louisiana	1083	**9.0**	*0.28*	1.07	*0.04*	1168	**7.0**	*0.23*	0.82	*0.03*
*USA, Louisiana: Black	309	**11.4**	*0.66*	1.39	*0.10*	382	**9.1**	*0.50*	1.05	*0.08*
*USA, Louisiana: White	772	**8.4**	*0.32*	0.98	*0.05*	775	**6.3**	*0.25*	0.74	*0.04*
*USA, Louisiana, New Orleans	221	**9.2**	*0.65*	1.10	*0.10*	209	**6.1**	*0.47*	0.67	*0.07*
*USA, Louisiana, New Orleans: Black	67	**9.7**	*1.22*	1.17	*0.18*	89	**8.6**	*0.96*	1.00	*0.14*
*USA, Louisiana, New Orleans: White	152	**9.2**	*0.79*	1.10	*0.12*	118	**4.9**	*0.52*	0.52	*0.08*
USA, Maine	477	**8.5**	*0.41*	0.99	*0.06*	488	**6.5**	*0.33*	0.78	*0.05*
USA, Massachusetts	2073	**8.5**	*0.20*	1.03	*0.03*	2259	**6.6**	*0.16*	0.77	*0.02*
USA, Massachusetts: Asian and Pacific Islander	24	**3.5**	*0.72*	0.33	*0.10*	38	**4.8**	*0.81*	0.50	*0.12*
USA, Massachusetts: Black	80	**8.5**	*0.98*	1.12	*0.16*	97	**7.3**	*0.77*	0.91	*0.12*
USA, Massachusetts: White	1961	**8.7**	*0.21*	1.04	*0.03*	2117	**6.6**	*0.16*	0.77	*0.03*
USA, Michigan	3346	**9.0**	*0.16*	1.08	*0.02*	3262	**6.6**	*0.13*	0.77	*0.02*
USA, Michigan: Asian and Pacific Islander	15	**3.0**	*0.80*	0.28	*0.11*	24	**4.3**	*0.90*	0.45	*0.13*
USA, Michigan: Black	459	**12.8**	*0.62*	1.55	*0.09*	528	**10.1**	*0.47*	1.19	*0.07*
USA, Michigan: White	2840	**8.6**	*0.17*	1.03	*0.03*	2688	**6.1**	*0.13*	0.72	*0.02*
USA, Michigan, Detroit	1457	**10.4**	*0.29*	1.28	*0.04*	1478	**7.4**	*0.22*	0.88	*0.03*
*USA, Michigan, Detroit: Black	358	**13.6**	*0.75*	1.66	*0.11*	411	**10.4**	*0.55*	1.26	*0.08*
*USA, Michigan, Detroit: White	1085	**9.9**	*0.32*	1.22	*0.05*	1046	**6.5**	*0.23*	0.77	*0.04*
USA, Mississippi	836	**8.6**	*0.31*	1.03	*0.05*	837	**6.1**	*0.23*	0.74	*0.04*
USA, Missouri	1863	**8.6**	*0.21*	1.03	*0.03*	1943	**6.3**	*0.16*	0.73	*0.02*
USA, Missouri: Black	223	**14.7**	*1.01*	1.86	*0.15*	222	**9.0**	*0.64*	1.01	*0.09*
USA, Missouri: White	1616	**8.0**	*0.21*	0.96	*0.03*	1701	**6.0**	*0.17*	0.70	*0.03*
USA, Montana	316	**8.1**	*0.47*	1.02	*0.07*	290	**5.9**	*0.39*	0.65	*0.06*
USA, Montana: American Indian	11	**9.0**	*2.74*	1.34	*0.46*	13	**8.0**	*2.27*	0.76	*0.32*
USA, Nebraska	529	**7.7**	*0.36*	0.91	*0.05*	496	**5.6**	*0.29*	0.68	*0.04*
USA, Nebraska: Black	15	**9.8**	*2.58*	1.46	*0.45*	26	**13.0**	*2.68*	1.57	*0.39*
USA, Nebraska: White	506	**7.6**	*0.36*	0.89	*0.05*	461	**5.3**	*0.28*	0.65	*0.04*
USA, New Hampshire	384	**7.6**	*0.41*	0.88	*0.06*	450	**7.1**	*0.37*	0.82	*0.06*
USA, New Jersey	2869	**8.9**	*0.17*	1.04	*0.03*	2995	**6.5**	*0.13*	0.74	*0.02*
*USA, New Jersey: Black	310	**9.8**	*0.57*	1.13	*0.08*	362	**7.7**	*0.42*	0.85	*0.06*
*USA, New Jersey: White	2459	**9.0**	*0.19*	1.06	*0.03*	2553	**6.5**	*0.15*	0.74	*0.02*
USA, New Mexico	510	**7.4**	*0.34*	0.90	*0.05*	506	**5.7**	*0.28*	0.67	*0.04*
*USA, New Mexico: Hispanic White	165	**7.8**	*0.63*	0.95	*0.09*	162	**6.0**	*0.51*	0.69	*0.07*
*USA, New Mexico: Non−Hispanic White	309	**7.4**	*0.44*	0.91	*0.07*	302	**5.6**	*0.36*	0.66	*0.05*
*USA, New Mexico: White	474	**7.5**	*0.36*	0.92	*0.05*	464	**5.8**	*0.29*	0.67	*0.04*
USA, New York State	6340	**8.9**	*0.12*	1.05	*0.02*	6994	**6.7**	*0.09*	0.77	*0.01*
USA, New York State: Asian and Pacific Islander	144	**3.9**	*0.33*	0.43	*0.05*	179	**4.1**	*0.32*	0.46	*0.05*
USA, New York State: Black	787	**9.3**	*0.34*	1.11	*0.05*	998	**7.1**	*0.24*	0.81	*0.04*
USA, New York State: White	5336	**9.1**	*0.13*	1.07	*0.02*	5763	**6.8**	*0.10*	0.77	*0.02*
USA, North Carolina	2491	**8.2**	*0.17*	1.00	*0.03*	2619	**6.2**	*0.13*	0.72	*0.02*
USA, North Carolina: American Indian	9	**3.2**	*1.09*	0.45	*0.17*	16	**4.2**	*1.08*	0.47	*0.17*
USA, North Carolina: Asian and Pacific Islander	7	**2.5**	*0.95*	0.43	*0.18*	6	**1.7**	*0.70*	0.25	*0.12*
USA, North Carolina: Black	535	**11.3**	*0.50*	1.37	*0.08*	640	**8.5**	*0.36*	0.94	*0.05*
USA, North Carolina: White	1928	**7.7**	*0.18*	0.93	*0.03*	1938	**5.7**	*0.14*	0.67	*0.02*
USA, North Dakota	210	**8.0**	*0.59*	0.94	*0.09*	209	**5.6**	*0.46*	0.65	*0.07*
USA, Ohio	3547	**8.3**	*0.14*	0.98	*0.02*	3602	**6.0**	*0.11*	0.70	*0.02*
USA, Ohio: Asian and Pacific Islander	18	**4.4**	*1.06*	0.42	*0.13*	13	**2.8**	*0.78*	0.37	*0.14*
USA, Ohio: Black	403	**11.4**	*0.59*	1.40	*0.09*	439	**8.2**	*0.42*	0.94	*0.06*
USA, Ohio: White	3093	**7.9**	*0.15*	0.94	*0.02*	3126	**5.8**	*0.12*	0.67	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pancreas (C25) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	1051	**8.0**	*0.26*	0.97	*0.04*	1049	**6.0**	*0.21*	0.71	*0.03*
USA, Oklahoma: American Indian	68	**8.6**	*1.06*	1.09	*0.17*	84	**8.6**	*0.98*	1.17	*0.16*
USA, Oklahoma: Black	64	**9.7**	*1.25*	1.12	*0.18*	95	**11.1**	*1.22*	1.33	*0.18*
USA, Oklahoma: White	908	**7.9**	*0.27*	0.95	*0.04*	858	**5.4**	*0.21*	0.64	*0.03*
USA, Oregon	1100	**7.7**	*0.24*	0.93	*0.04*	1141	**6.2**	*0.21*	0.74	*0.03*
USA, Oregon: Asian and Pacific Islander	22	**6.2**	*1.36*	0.61	*0.20*	23	**4.9**	*1.08*	0.43	*0.14*
USA, Oregon: Black	14	**8.0**	*2.22*	1.04	*0.35*	18	**8.0**	*2.01*	0.68	*0.25*
USA, Oregon: White	1041	**7.6**	*0.25*	0.92	*0.04*	1079	**6.1**	*0.21*	0.74	*0.03*
USA, Pennsylvania	4583	**9.0**	*0.14*	1.09	*0.02*	4813	**6.4**	*0.11*	0.76	*0.02*
USA, Pennsylvania: Asian and Pacific Islander	25	**3.8**	*0.78*	0.44	*0.12*	24	**3.0**	*0.62*	0.30	*0.09*
USA, Pennsylvania: Black	373	**11.2**	*0.60*	1.37	*0.09*	500	**9.0**	*0.44*	1.06	*0.07*
USA, Pennsylvania: White	4150	**8.8**	*0.15*	1.07	*0.02*	4259	**6.2**	*0.11*	0.73	*0.02*
USA, Rhode Island	324	**7.7**	*0.46*	0.93	*0.07*	354	**6.2**	*0.38*	0.75	*0.06*
USA, Rhode Island: Black	10	**7.0**	*2.29*	0.73	*0.33*	11	**7.1**	*2.20*	1.14	*0.38*
USA, Rhode Island: White	307	**7.8**	*0.48*	0.94	*0.07*	338	**6.1**	*0.39*	0.73	*0.06*
USA, South Carolina	1314	**8.6**	*0.24*	1.03	*0.04*	1275	**6.1**	*0.19*	0.70	*0.03*
USA, South Carolina: Black	346	**11.0**	*0.60*	1.29	*0.09*	346	**7.0**	*0.41*	0.82	*0.06*
USA, South Carolina: White	955	**8.0**	*0.27*	0.96	*0.04*	919	**5.7**	*0.21*	0.66	*0.03*
USA, South Dakota	226	**6.8**	*0.49*	0.74	*0.07*	245	**5.7**	*0.43*	0.62	*0.06*
USA, Tennessee	1707	**7.9**	*0.20*	0.97	*0.03*	1650	**5.6**	*0.15*	0.65	*0.02*
USA, Tennessee: Black	226	**10.3**	*0.70*	1.36	*0.11*	269	**7.5**	*0.49*	0.92	*0.08*
USA, Tennessee: White	1465	**7.6**	*0.21*	0.93	*0.03*	1373	**5.3**	*0.16*	0.62	*0.02*
USA, Texas	5527	**8.0**	*0.11*	0.97	*0.02*	5296	**5.8**	*0.09*	0.67	*0.01*
USA, Texas: Asian and Pacific Islander	55	**3.1**	*0.43*	0.31	*0.06*	67	**3.1**	*0.39*	0.31	*0.05*
USA, Texas: Black	656	**11.1**	*0.45*	1.34	*0.07*	733	**8.4**	*0.33*	0.96	*0.05*
USA, Texas: White	4748	**7.8**	*0.12*	0.94	*0.02*	4432	**5.5**	*0.09*	0.65	*0.01*
USA, Utah	457	**6.7**	*0.33*	0.82	*0.05*	445	**5.3**	*0.27*	0.65	*0.04*
USA, Vermont	185	**7.6**	*0.58*	0.95	*0.09*	209	**6.5**	*0.50*	0.76	*0.08*
USA, Virginia	2080	**8.0**	*0.18*	0.95	*0.03*	2153	**6.1**	*0.14*	0.72	*0.02*
USA, Virginia: Asian and Pacific Islander	38	**4.6**	*0.76*	0.55	*0.12*	50	**4.7**	*0.68*	0.60	*0.11*
USA, Virginia: Black	406	**10.6**	*0.54*	1.26	*0.08*	502	**8.8**	*0.42*	1.05	*0.06*
USA, Virginia: White	1605	**7.6**	*0.19*	0.90	*0.03*	1570	**5.5**	*0.15*	0.64	*0.02*
USA, Washington State	1812	**8.0**	*0.20*	0.98	*0.03*	1834	**6.4**	*0.16*	0.75	*0.03*
USA, Washington, Seattle	1244	**8.1**	*0.24*	0.97	*0.04*	1239	**6.3**	*0.20*	0.75	*0.03*
USA, West Virginia	605	**7.7**	*0.33*	0.89	*0.05*	556	**5.4**	*0.26*	0.63	*0.04*
USA, Wisconsin	1747	**8.3**	*0.21*	1.03	*0.03*	1696	**6.1**	*0.17*	0.73	*0.03*
USA, Wisconsin: Black	74	**12.5**	*1.51*	1.53	*0.23*	70	**8.9**	*1.09*	1.19	*0.17*
USA, Wisconsin: White	1608	**8.0**	*0.21*	0.99	*0.03*	1569	**5.9**	*0.17*	0.70	*0.03*
USA, Wyoming	131	**6.5**	*0.59*	0.80	*0.09*	133	**6.0**	*0.57*	0.78	*0.09*
Asia										
Bahrain: Bahraini	35	**5.1**	*0.89*	0.65	*0.14*	22	**3.2**	*0.69*	0.39	*0.10*
China, Beijing City	1426	**4.8**	*0.13*	0.57	*0.02*	1155	**3.6**	*0.11*	0.44	*0.02*
*China, Cixian County	32	**3.0**	*0.59*	0.42	*0.08*	27	**2.0**	*0.39*	0.22	*0.05*
China, Haining County	162	**7.7**	*0.62*	0.91	*0.09*	136	**5.5**	*0.50*	0.63	*0.07*
*China, Harbin City, Nangang District	219	**7.7**	*0.54*	0.92	*0.07*	165	**5.3**	*0.42*	0.66	*0.06*
China, Hong Kong	1162	**4.5**	*0.14*	0.53	*0.02*	940	**3.1**	*0.11*	0.34	*0.02*
China, Jiashan County	147	**9.3**	*0.79*	1.15	*0.12*	111	**6.5**	*0.66*	0.80	*0.10*
China, Jiaxing City	100	**8.4**	*0.86*	1.26	*0.14*	89	**7.0**	*0.77*	0.83	*0.11*
China, Macao	43	**3.5**	*0.55*	0.47	*0.10*	24	**1.5**	*0.35*	0.14	*0.05*
China, Qidong County	313	**7.0**	*0.40*	0.84	*0.06*	229	**4.5**	*0.32*	0.59	*0.05*
*China, Shanghai City	2100	**7.0**	*0.16*	0.78	*0.02*	1901	**5.3**	*0.14*	0.62	*0.02*
*China, Wuhan City	662	**4.6**	*0.18*	0.59	*0.03*	550	**3.6**	*0.16*	0.45	*0.02*
*China, Yangcheng County	13	**1.7**	*0.48*	0.24	*0.07*	18	**1.7**	*0.41*	0.16	*0.05*
*China, Yanting County	35	**1.9**	*0.33*	0.23	*0.04*	13	**0.8**	*0.22*	0.11	*0.03*
*China, Zhongshan City	106	**4.0**	*0.39*	0.46	*0.05*	84	**2.7**	*0.31*	0.36	*0.05*
*India, Bangalore	126	**1.8**	*0.16*	0.22	*0.02*	87	**1.3**	*0.14*	0.14	*0.02*
*India; Barshi, Paranda, and Bhum	9	**1.0**	*0.33*	0.10	*0.04*	6	**0.6**	*0.24*	0.07	*0.03*
*India, Bhopal	28	**1.2**	*0.24*	0.12	*0.03*	18	**0.9**	*0.21*	0.10	*0.03*
*India, Chennai	167	**1.6**	*0.13*	0.19	*0.02*	103	**1.0**	*0.10*	0.12	*0.01*
*India, Dindigul, Ambilikkai	35	**0.7**	*0.12*	0.09	*0.02*	20	**0.4**	*0.09*	0.05	*0.01*
*India, Karunagappally	24	**2.3**	*0.48*	0.33	*0.07*	16	**1.3**	*0.32*	0.14	*0.04*
*India, Mizoram	32	**2.2**	*0.39*	0.29	*0.06*	33	**2.2**	*0.39*	0.22	*0.05*
*India, Mumbai	566	**2.4**	*0.10*	0.29	*0.02*	326	**1.4**	*0.08*	0.17	*0.01*
*India, New Delhi	461	**1.9**	*0.09*	0.24	*0.01*	255	**1.1**	*0.07*	0.15	*0.01*
*India, Poona	139	**1.9**	*0.17*	0.21	*0.02*	92	**1.2**	*0.13*	0.15	*0.02*
*India, Sikkim State	13	**1.4**	*0.42*	0.14	*0.05*	5	**0.6**	*0.26*	0.05	*0.03*
*India, Trivandrum	43	**2.7**	*0.41*	0.29	*0.05*	30	**1.6**	*0.30*	0.19	*0.04*
*Iran (Islamic Republic of), Golestan Province	48	**2.8**	*0.42*	0.34	*0.06*	17	**1.0**	*0.25*	0.14	*0.04*
Israel	1658	**8.4**	*0.22*	0.97	*0.03*	1635	**6.2**	*0.17*	0.67	*0.02*
*Israel: Jews	1563	**8.6**	*0.23*	1.00	*0.03*	1564	**6.4**	*0.18*	0.70	*0.03*
*Israel: Non–Jews	95	**5.6**	*0.58*	0.68	*0.09*	71	**3.8**	*0.46*	0.37	*0.06*
Japan, Aichi Prefecture	566	**9.1**	*0.39*	1.11	*0.06*	424	**5.4**	*0.29*	0.60	*0.04*
Japan, Fukui Prefecture	514	**10.6**	*0.52*	1.24	*0.07*	476	**6.4**	*0.37*	0.74	*0.05*
Japan, Hiroshima	531	**9.5**	*0.43*	1.07	*0.06*	513	**6.7**	*0.34*	0.81	*0.05*
Japan, Miyagi Prefecture	1326	**10.5**	*0.31*	1.23	*0.04*	1164	**6.2**	*0.22*	0.67	*0.03*
Japan, Nagasaki Prefecture	811	**9.4**	*0.37*	1.11	*0.05*	761	**5.6**	*0.25*	0.63	*0.04*
Japan, Niigata Prefecture	1583	**10.6**	*0.29*	1.20	*0.04*	1342	**5.7**	*0.19*	0.63	*0.03*
*Japan, Osaka Prefecture	4343	**9.4**	*0.15*	1.10	*0.02*	3698	**5.8**	*0.11*	0.66	*0.02*
Japan, Saga Prefecture	513	**10.5**	*0.51*	1.24	*0.07*	463	**5.7**	*0.34*	0.60	*0.05*
Republic of Korea	10127	**8.0**	*0.08*	0.97	*0.01*	8081	**4.6**	*0.05*	0.55	*0.01*
Republic of Korea, Busan	761	**7.8**	*0.30*	0.97	*0.04*	575	**4.4**	*0.19*	0.52	*0.03*
Republic of Korea, Daegu	453	**7.8**	*0.39*	0.92	*0.05*	378	**4.6**	*0.24*	0.53	*0.03*
Republic of Korea, Daejeon	251	**8.1**	*0.52*	0.97	*0.08*	185	**4.4**	*0.33*	0.51	*0.05*
Republic of Korea, Gwangju	280	**9.5**	*0.59*	1.06	*0.08*	225	**5.2**	*0.36*	0.66	*0.06*
Republic of Korea, Incheon	466	**8.1**	*0.39*	0.94	*0.06*	377	**5.0**	*0.26*	0.60	*0.04*
Republic of Korea, Jejudo	97	**8.4**	*0.87*	0.97	*0.12*	74	**3.6**	*0.45*	0.41	*0.07*
Republic of Korea, Seoul	1919	**7.8**	*0.19*	0.91	*0.03*	1480	**4.7**	*0.12*	0.54	*0.02*
Republic of Korea, Ulsan	159	**8.4**	*0.72*	1.07	*0.11*	146	**5.6**	*0.48*	0.64	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pancreas (C25) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	92	**3.3**	*0.41*	0.35	*0.06*	65	**3.2**	*0.43*	0.37	*0.06*
*Kuwait: Kuwaitis	42	**3.9**	*0.61*	0.46	*0.09*	39	**3.0**	*0.50*	0.39	*0.08*
*Kuwait: Non−Kuwaitis	50	**3.4**	*0.73*	0.30	*0.08*	26	**3.9**	*0.84*	0.37	*0.10*
*Malaysia, Penang	74	**3.4**	*0.41*	0.32	*0.05*	61	**2.4**	*0.31*	0.28	*0.04*
*Malaysia, Penang: Chinese	57	**4.3**	*0.57*	0.38	*0.07*	42	**2.8**	*0.43*	0.32	*0.06*
*Malaysia, Penang: Indian	5	**2.3**	*1.11*	0.38	*0.22*	4	**1.7**	*0.87*	0.13	*0.08*
*Malaysia, Penang: Malay	11	**1.4**	*0.44*	0.14	*0.05*	14	**1.6**	*0.45*	0.21	*0.07*
*Philippines, Manila	298	**4.2**	*0.26*	0.50	*0.04*	334	**3.7**	*0.21*	0.41	*0.03*
*Philippines, Rizal	357	**4.6**	*0.26*	0.57	*0.04*	377	**3.9**	*0.21*	0.43	*0.03*
Qatar: Qatari	7	**2.8**	*1.10*	0.35	*0.16*	7	**2.6**	*1.01*	0.31	*0.13*
*Saudi Arabia, Riyadh: Saudi	132	**3.2**	*0.28*	0.41	*0.04*	76	**1.9**	*0.22*	0.24	*0.03*
Singapore	569	**5.9**	*0.25*	0.70	*0.04*	466	**4.0**	*0.19*	0.44	*0.03*
Singapore: Chinese	487	**6.3**	*0.29*	0.75	*0.04*	408	**4.2**	*0.21*	0.47	*0.03*
Singapore: Indian	31	**4.0**	*0.76*	0.51	*0.11*	13	**2.1**	*0.59*	0.24	*0.09*
Singapore: Malay	47	**4.7**	*0.72*	0.54	*0.10*	43	**3.9**	*0.61*	0.41	*0.08*
Thailand, Bangkok	503	**3.9**	*0.18*	0.45	*0.03*	429	**2.5**	*0.12*	0.32	*0.02*
Thailand, Chiang Mai	82	**1.9**	*0.22*	0.24	*0.03*	100	**2.0**	*0.21*	0.25	*0.03*
Thailand, Chonburi	64	**2.5**	*0.32*	0.28	*0.04*	78	**2.5**	*0.29*	0.29	*0.04*
*Thailand, Khon Kaen	39	**0.9**	*0.15*	0.12	*0.02*	40	**0.8**	*0.13*	0.10	*0.02*
Thailand, Lampang	48	**1.9**	*0.27*	0.22	*0.04*	57	**2.0**	*0.27*	0.23	*0.04*
*Thailand, Songkhla	58	**2.3**	*0.30*	0.27	*0.04*	44	**1.5**	*0.22*	0.19	*0.04*
*Turkey, Antalya	218	**6.2**	*0.42*	0.76	*0.06*	131	**3.5**	*0.31*	0.45	*0.05*
*Turkey, Edirne	55	**5.6**	*0.76*	0.62	*0.10*	34	**2.9**	*0.52*	0.43	*0.08*
*Turkey, Izmir	492	**5.3**	*0.24*	0.67	*0.04*	344	**3.2**	*0.17*	0.36	*0.02*
*Turkey, Trabzon	69	**6.2**	*0.77*	0.89	*0.12*	39	**2.7**	*0.46*	0.30	*0.06*
Europe										
Austria	3318	**9.6**	*0.17*	1.14	*0.03*	3680	**7.0**	*0.13*	0.78	*0.02*
Austria, Tyrol	203	**7.3**	*0.53*	0.87	*0.08*	247	**5.9**	*0.43*	0.61	*0.06*
Austria, Vorarlberg	105	**7.6**	*0.76*	0.87	*0.11*	127	**6.2**	*0.62*	0.75	*0.10*
*Belarus	2145	**7.2**	*0.16*	0.89	*0.02*	1829	**3.5**	*0.09*	0.43	*0.01*
*Belgium	2394	**6.5**	*0.14*	0.82	*0.02*	2158	**4.6**	*0.11*	0.57	*0.02*
Bulgaria	3011	**9.1**	*0.17*	1.10	*0.02*	2272	**5.0**	*0.12*	0.61	*0.02*
Croatia	1646	**9.2**	*0.23*	1.13	*0.03*	1488	**5.4**	*0.16*	0.63	*0.02*
Cyprus	137	**5.0**	*0.44*	0.62	*0.07*	101	**2.8**	*0.30*	0.33	*0.05*
Czech Republic	4632	**11.6**	*0.18*	1.41	*0.03*	4478	**7.5**	*0.12*	0.87	*0.02*
Denmark	2112	**8.8**	*0.20*	1.08	*0.03*	2163	**7.3**	*0.17*	0.90	*0.03*
*Estonia	474	**10.3**	*0.48*	1.28	*0.07*	456	**5.2**	*0.27*	0.61	*0.04*
Finland	2271	**10.0**	*0.22*	1.20	*0.03*	2541	**7.4**	*0.17*	0.83	*0.02*
*France, Bas−Rhin	374	**9.4**	*0.50*	1.16	*0.07*	329	**5.3**	*0.34*	0.61	*0.05*
*France, Calvados	260	**9.6**	*0.64*	1.23	*0.10*	224	**5.7**	*0.46*	0.65	*0.06*
*France, Doubs	158	**7.7**	*0.64*	0.92	*0.09*	174	**6.3**	*0.55*	0.71	*0.08*
*France, Haut−Rhin	214	**7.5**	*0.53*	1.00	*0.08*	176	**4.9**	*0.41*	0.66	*0.06*
*France, Hérault	404	**9.6**	*0.51*	1.19	*0.07*	332	**5.5**	*0.36*	0.62	*0.05*
*France, Isère	394	**8.6**	*0.45*	1.03	*0.07*	359	**5.7**	*0.34*	0.66	*0.05*
*France, Loire−Atlantique	355	**7.5**	*0.42*	0.91	*0.06*	279	**3.9**	*0.27*	0.47	*0.04*
*France, Manche	160	**7.3**	*0.63*	0.90	*0.09*	133	**4.0**	*0.44*	0.44	*0.06*
*France, Somme	162	**7.4**	*0.61*	0.97	*0.09*	166	**5.1**	*0.46*	0.61	*0.07*
*France, Tarn	150	**7.5**	*0.68*	0.89	*0.10*	153	**5.2**	*0.52*	0.59	*0.07*
*France, Vendée	161	**5.9**	*0.50*	0.69	*0.07*	126	**3.7**	*0.38*	0.46	*0.05*
Germany, Brandenburg	1242	**10.2**	*0.30*	1.30	*0.04*	1103	**6.4**	*0.22*	0.76	*0.03*
Germany, Bremen	324	**10.1**	*0.59*	1.22	*0.08*	342	**6.6**	*0.43*	0.69	*0.06*
Germany, Free State of Saxony	2089	**9.6**	*0.22*	1.13	*0.03*	2214	**6.5**	*0.16*	0.76	*0.02*
Germany, Hamburg	742	**9.3**	*0.35*	1.10	*0.05*	850	**6.8**	*0.27*	0.76	*0.04*
Germany, Mecklenburg−Western Pomerania	750	**9.3**	*0.35*	1.16	*0.05*	705	**6.0**	*0.25*	0.72	*0.04*
Germany, Munich	1656	**9.3**	*0.24*	1.09	*0.03*	1735	**6.6**	*0.18*	0.76	*0.03*
Germany, North Rhine−Westphalia	917	**7.8**	*0.27*	0.97	*0.04*	910	**5.4**	*0.21*	0.67	*0.03*
Germany, Saarland	449	**8.4**	*0.42*	0.97	*0.06*	508	**6.2**	*0.32*	0.70	*0.05*
Germany, Schleswig−Holstein	1288	**9.2**	*0.27*	1.10	*0.04*	1370	**6.8**	*0.21*	0.75	*0.03*
Iceland	82	**7.9**	*0.91*	1.01	*0.14*	75	**5.8**	*0.74*	0.68	*0.11*
Ireland	1012	**7.3**	*0.24*	0.86	*0.03*	1061	**5.8**	*0.19*	0.65	*0.03*
Italy, Biella	107	**10.3**	*1.09*	1.27	*0.15*	118	**6.8**	*0.78*	0.77	*0.11*
Italy, Brescia	423	**11.4**	*0.57*	1.43	*0.08*	408	**6.8**	*0.39*	0.83	*0.06*
Italy, Catania and Messina	301	**6.8**	*0.42*	0.78	*0.06*	350	**5.5**	*0.34*	0.63	*0.05*
Italy, Catanzaro	49	**4.5**	*0.69*	0.53	*0.10*	43	**2.7**	*0.47*	0.33	*0.07*
Italy, Como	238	**9.0**	*0.61*	1.10	*0.09*	283	**6.6**	*0.46*	0.73	*0.07*
Italy, Ferrara	190	**8.4**	*0.68*	0.93	*0.09*	218	**6.0**	*0.52*	0.64	*0.07*
Italy, Florence and Prato	320	**7.9**	*0.49*	0.98	*0.07*	339	**5.5**	*0.36*	0.60	*0.05*
Italy, Friuli−Venezia Giulia	637	**9.6**	*0.40*	1.17	*0.06*	773	**7.5**	*0.33*	0.90	*0.05*
Italy, Genoa	362	**8.4**	*0.49*	0.99	*0.07*	420	**5.9**	*0.36*	0.64	*0.05*
Italy, Latina	138	**6.0**	*0.54*	0.77	*0.08*	132	**4.4**	*0.43*	0.49	*0.06*
Italy, Lecco	148	**9.6**	*0.82*	1.20	*0.12*	138	**5.5**	*0.53*	0.64	*0.08*
Italy, Lombardy, South	245	**11.0**	*0.74*	1.27	*0.10*	240	**6.4**	*0.50*	0.72	*0.07*
Italy, Mantua	116	**9.7**	*0.98*	1.14	*0.13*	145	**7.2**	*0.73*	0.86	*0.11*
Italy, Milan	499	**9.0**	*0.44*	1.02	*0.06*	629	**6.2**	*0.30*	0.69	*0.04*
Italy, Modena	341	**9.5**	*0.55*	1.15	*0.08*	309	**5.7**	*0.40*	0.63	*0.06*
Italy, Naples	136	**7.7**	*0.68*	0.93	*0.09*	89	**3.9**	*0.44*	0.41	*0.06*
Italy, Nuoro	110	**9.8**	*0.99*	1.29	*0.15*	94	**5.3**	*0.62*	0.66	*0.10*
Italy, Palermo	295	**6.8**	*0.42*	0.86	*0.06*	285	**4.9**	*0.33*	0.58	*0.05*
Italy, Parma	270	**11.0**	*0.73*	1.38	*0.11*	303	**8.0**	*0.57*	0.91	*0.08*
Italy, Ragusa	103	**6.7**	*0.73*	0.71	*0.10*	136	**6.1**	*0.60*	0.64	*0.09*
Italy, Reggio Emilia	268	**10.5**	*0.70*	1.31	*0.10*	307	**8.6**	*0.60*	0.99	*0.09*
Italy, Romagna	584	**8.7**	*0.39*	1.01	*0.06*	698	**7.2**	*0.35*	0.82	*0.05*
Italy, Salerno	277	**5.7**	*0.36*	0.66	*0.05*	250	**3.8**	*0.28*	0.43	*0.04*
Italy, Sassari	204	**9.6**	*0.71*	1.14	*0.10*	185	**6.1**	*0.51*	0.64	*0.07*
Italy, Sondrio	116	**13.7**	*1.32*	1.75	*0.20*	92	**6.5**	*0.81*	0.68	*0.12*
Italy, South Tyrol	165	**9.5**	*0.78*	0.99	*0.11*	169	**6.5**	*0.60*	0.64	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pancreas (C25) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	147	**7.9**	*0.69*	0.94	*0.10*	142	**6.0**	*0.57*	0.67	*0.08*
Italy, Trapani	104	**5.9**	*0.63*	0.74	*0.09*	108	**4.8**	*0.55*	0.57	*0.08*
Italy, Trento	164	**9.3**	*0.76*	1.16	*0.11*	187	**6.7**	*0.59*	0.79	*0.09*
Italy, Turin	399	**8.0**	*0.44*	0.96	*0.06*	442	**5.5**	*0.32*	0.60	*0.04*
Italy, Umbria	413	**8.6**	*0.47*	1.00	*0.06*	385	**5.3**	*0.33*	0.62	*0.05*
Italy, Varese	343	**8.4**	*0.47*	1.01	*0.07*	379	**6.4**	*0.39*	0.72	*0.05*
Italy, Veneto	948	**10.4**	*0.36*	1.22	*0.05*	935	**6.4**	*0.25*	0.69	*0.04*
Latvia	698	**11.1**	*0.43*	1.38	*0.06*	751	**6.3**	*0.26*	0.72	*0.04*
Lithuania	1202	**10.7**	*0.32*	1.30	*0.04*	1086	**5.0**	*0.17*	0.56	*0.02*
Malta	122	**7.5**	*0.70*	0.89	*0.11*	110	**5.0**	*0.51*	0.55	*0.07*
*The Netherlands	4282	**6.4**	*0.10*	0.78	*0.01*	4266	**5.0**	*0.08*	0.60	*0.01*
*The Netherlands, Eindhoven	269	**6.3**	*0.39*	0.78	*0.06*	243	**4.5**	*0.31*	0.59	*0.05*
Norway	1593	**8.0**	*0.21*	0.95	*0.03*	1679	**6.2**	*0.18*	0.71	*0.03*
Poland, Cracow	169	**7.8**	*0.62*	0.93	*0.09*	179	**5.0**	*0.41*	0.58	*0.06*
Poland, Kielce	366	**7.8**	*0.43*	0.90	*0.06*	343	**4.9**	*0.30*	0.55	*0.04*
Poland, Lower Silesia	716	**7.3**	*0.28*	0.92	*0.04*	785	**5.3**	*0.21*	0.65	*0.03*
Poland, Podkarpackie	510	**7.5**	*0.34*	0.91	*0.05*	533	**5.1**	*0.24*	0.57	*0.03*
Portugal, Azores	67	**8.7**	*1.10*	0.98	*0.15*	63	**5.5**	*0.77*	0.64	*0.11*
Russian Federation, Saint Petersburg	1495	**10.3**	*0.27*	1.23	*0.04*	1871	**6.1**	*0.16*	0.69	*0.02*
*Serbia, Central	1493	**6.3**	*0.17*	0.79	*0.02*	1176	**3.9**	*0.13*	0.49	*0.02*
Slovakia	1896	**11.2**	*0.26*	1.37	*0.04*	1664	**6.4**	*0.17*	0.74	*0.02*
Slovenia	686	**8.8**	*0.34*	1.07	*0.05*	715	**5.9**	*0.25*	0.69	*0.04*
Spain, Albacete	111	**6.5**	*0.69*	0.75	*0.09*	108	**4.7**	*0.54*	0.50	*0.07*
Spain, Asturias	384	**7.2**	*0.40*	0.82	*0.05*	351	**3.9**	*0.26*	0.43	*0.04*
Spain, Basque Country	746	**7.5**	*0.29*	0.90	*0.04*	699	**4.8**	*0.21*	0.56	*0.03*
Spain, Canary Islands	328	**6.9**	*0.39*	0.82	*0.06*	263	**4.6**	*0.30*	0.53	*0.04*
Spain, Ciudad Real	119	**6.4**	*0.67*	0.70	*0.09*	98	**3.2**	*0.40*	0.32	*0.06*
Spain, Cuenca	61	**4.9**	*0.74*	0.55	*0.10*	62	**3.6**	*0.59*	0.40	*0.08*
Spain, Girona	206	**7.3**	*0.55*	0.91	*0.08*	157	**3.8**	*0.37*	0.44	*0.05*
*Spain, Granada	157	**4.3**	*0.37*	0.52	*0.05*	161	**3.6**	*0.32*	0.44	*0.05*
Spain, La Rioja	122	**8.3**	*0.83*	1.00	*0.12*	100	**4.6**	*0.57*	0.57	*0.09*
Spain, Mallorca	229	**7.7**	*0.53*	0.90	*0.07*	175	**4.3**	*0.37*	0.49	*0.05*
Spain, Murcia	359	**7.2**	*0.40*	0.84	*0.06*	281	**4.1**	*0.28*	0.49	*0.04*
Spain, Navarra	222	**8.0**	*0.58*	0.99	*0.09*	213	**5.4**	*0.46*	0.59	*0.06*
Spain, Tarragona	198	**6.4**	*0.49*	0.74	*0.07*	199	**5.0**	*0.41*	0.61	*0.06*
*Sweden	2300	**5.4**	*0.12*	0.70	*0.02*	2344	**4.8**	*0.11*	0.62	*0.02*
Switzerland, Basel	126	**5.8**	*0.54*	0.75	*0.08*	126	**4.5**	*0.47*	0.54	*0.07*
Switzerland, Geneva	136	**7.4**	*0.66*	0.81	*0.10*	154	**5.9**	*0.54*	0.68	*0.08*
Switzerland, Graubünden and Glarus	78	**7.0**	*0.83*	0.82	*0.13*	94	**6.6**	*0.79*	0.75	*0.12*
Switzerland, Neuchâtel	70	**8.6**	*1.11*	0.96	*0.16*	65	**4.8**	*0.72*	0.53	*0.11*
Switzerland, St Gall–Appenzell	170	**7.0**	*0.57*	0.77	*0.08*	185	**5.9**	*0.50*	0.69	*0.07*
Switzerland, Ticino	138	**8.3**	*0.74*	0.87	*0.10*	176	**7.2**	*0.63*	0.84	*0.09*
Switzerland, Valais	108	**8.5**	*0.84*	1.11	*0.13*	111	**6.1**	*0.66*	0.70	*0.10*
Switzerland, Vaud	247	**8.9**	*0.60*	1.04	*0.09*	227	**5.2**	*0.40*	0.58	*0.06*
Switzerland, Zurich	406	**7.0**	*0.36*	0.77	*0.05*	480	**6.2**	*0.32*	0.73	*0.05*
Ukraine	13321	**8.6**	*0.08*	1.05	*0.01*	10911	**4.1**	*0.04*	0.51	*0.01*
UK, England	15744	**6.9**	*0.06*	0.82	*0.01*	16736	**5.4**	*0.05*	0.62	*0.01*
UK, England, East of England Region	1858	**6.9**	*0.17*	0.81	*0.03*	1960	**5.3**	*0.14*	0.60	*0.02*
UK, England, North Western	1957	**6.7**	*0.16*	0.80	*0.02*	2177	**5.5**	*0.14*	0.64	*0.02*
UK, England, Northern and Yorkshire	2055	**6.8**	*0.16*	0.82	*0.02*	2231	**5.4**	*0.13*	0.62	*0.02*
UK, England, Oxford Region	784	**6.7**	*0.25*	0.77	*0.04*	839	**5.5**	*0.21*	0.63	*0.03*
UK, England, South and Western Regions	2350	**6.6**	*0.15*	0.78	*0.02*	2669	**5.5**	*0.13*	0.63	*0.02*
UK, England, Thames	3383	**7.3**	*0.13*	0.87	*0.02*	3567	**5.5**	*0.11*	0.64	*0.02*
UK, England, Trent	1047	**7.6**	*0.25*	0.90	*0.04*	956	**5.2**	*0.19*	0.61	*0.03*
UK, England, West Midlands	1636	**6.5**	*0.17*	0.75	*0.02*	1725	**5.2**	*0.14*	0.61	*0.02*
UK, Northern Ireland	445	**6.9**	*0.34*	0.83	*0.05*	447	**4.8**	*0.25*	0.53	*0.04*
UK, Scotland	1507	**6.7**	*0.18*	0.79	*0.03*	1689	**5.3**	*0.15*	0.64	*0.02*
UK, Wales	1058	**7.2**	*0.24*	0.83	*0.03*	1144	**5.7**	*0.20*	0.65	*0.03*
Oceania										
Australian Capital Territory	62	**5.7**	*0.75*	0.58	*0.11*	57	**4.5**	*0.64*	0.58	*0.11*
Australia, New South Wales	1976	**7.2**	*0.17*	0.85	*0.03*	1946	**5.3**	*0.14*	0.60	*0.02*
Australia, Northern Territory	30	**7.2**	*1.37*	0.99	*0.24*	13	**3.5**	*1.01*	0.40	*0.15*
Australia, Northern Territory: Indigenous	6	**7.4**	*3.20*	0.88	*0.39*	4	**5.4**	*2.74*	0.36	*0.27*
Australia, Northern Territory: Non–Indigenous	24	**7.2**	*1.52*	1.02	*0.27*	9	**3.1**	*1.08*	0.42	*0.18*
Australia, Queensland	1088	**7.1**	*0.22*	0.85	*0.03*	930	**4.9**	*0.18*	0.53	*0.03*
South Australia	508	**7.6**	*0.36*	0.89	*0.05*	472	**5.2**	*0.28*	0.57	*0.04*
Australia, Tasmania	142	**6.9**	*0.60*	0.83	*0.09*	141	**5.3**	*0.50*	0.58	*0.07*
Australia, Victoria	1501	**7.3**	*0.20*	0.84	*0.03*	1435	**5.4**	*0.16*	0.59	*0.02*
Western Australia	537	**7.1**	*0.32*	0.84	*0.05*	512	**5.6**	*0.27*	0.67	*0.04*
New Zealand	958	**6.3**	*0.21*	0.75	*0.03*	996	**5.0**	*0.18*	0.55	*0.03*
New Zealand: Maori	90	**9.4**	*1.03*	1.17	*0.16*	104	**9.9**	*1.00*	1.06	*0.14*
New Zealand: Pacific Islander	34	**9.1**	*1.68*	0.85	*0.19*	22	**4.6**	*0.99*	0.52	*0.15*
New Zealand: Other	834	**6.0**	*0.22*	0.71	*0.03*	870	**4.7**	*0.18*	0.51	*0.03*
USA, Hawaii	459	**8.9**	*0.44*	1.02	*0.07*	431	**6.5**	*0.36*	0.76	*0.05*
*USA, Hawaii: Chinese	21	**6.8**	*1.70*	0.86	*0.26*	33	**6.4**	*1.37*	0.62	*0.19*
*USA, Hawaii: Filipino	58	**9.9**	*1.43*	1.21	*0.20*	46	**6.2**	*0.98*	0.83	*0.15*
*USA, Hawaii: Hawaiian	75	**11.8**	*1.44*	1.53	*0.23*	77	**9.0**	*1.11*	1.07	*0.16*
*USA, Hawaii: Japanese	165	**10.6**	*0.93*	1.14	*0.13*	160	**6.1**	*0.61*	0.70	*0.10*
*USA, Hawaii: White	110	**7.7**	*0.77*	0.88	*0.12*	90	**6.3**	*0.75*	0.79	*0.12*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nose, sinuses etc. (C30-31)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	15	**0.5**	*0.15*	–	-	10	**0.4**	*0.13*	–	-
Egypt, Gharbiah	21	**0.3**	*0.06*	0.03	*0.01*	21	**0.3**	*0.06*	0.03	*0.01*
*Libya, Benghazi	5	**0.4**	*0.19*	0.06	*0.04*	1	**0.1**	*0.08*	0.01	*0.01*
*Malawi, Blantyre	7	**0.9**	*0.64*	0.11	*0.08*	5	**0.5**	*0.25*	0.05	*0.03*
*South Africa, PROMEC	3	**0.2**	*0.12*	0.01	*0.01*	4	**0.2**	*0.09*	0.02	*0.01*
*Tunisia, North	20	**0.3**	*0.07*	0.03	*0.01*	11	**0.1**	*0.04*	0.01	*0.00*
*Uganda, Kyadondo County	5	**0.2**	*0.10*	0.01	*0.01*	14	**0.9**	*0.28*	0.12	*0.05*
*Zimbabwe, Harare: African	12	**1.1**	*0.37*	0.15	*0.07*	7	**0.6**	*0.29*	0.09	*0.05*
America, Central and South										
Argentina, Bahía Blanca	2	**0.3**	*0.21*	0.03	*0.02*	0	**-**	-	–	-
Argentina, Córdoba	9	**0.4**	*0.12*	0.04	*0.01*	9	**0.2**	*0.09*	0.02	*0.01*
Argentina, Mendoza	23	**0.5**	*0.11*	0.05	*0.01*	15	**0.3**	*0.09*	0.04	*0.01*
*Argentina, Tierra del Fuego	0	**-**	-	–	-	0	**-**	-	–	-
Brazil, Aracaju	4	**0.5**	*0.28*	0.04	*0.02*	1	**0.1**	*0.12*	0.03	*0.03*
Brazil, Belo Horizonte	19	**0.7**	*0.17*	0.06	*0.02*	13	**0.3**	*0.09*	0.03	*0.01*
Brazil, Cuiabá	8	**0.8**	*0.29*	0.07	*0.03*	7	**0.7**	*0.28*	0.12	*0.05*
Brazil, Fortaleza	15	**0.4**	*0.11*	0.03	*0.01*	9	**0.2**	*0.06*	0.01	*0.01*
Brazil, Goiânia	14	**0.6**	*0.18*	0.08	*0.03*	15	**0.5**	*0.14*	0.04	*0.01*
*Brazil, São Paulo	201	**0.9**	*0.07*	0.10	*0.01*	183	**0.6**	*0.05*	0.06	*0.01*
Chile, Region of Antofagasta	14	**1.2**	*0.32*	0.14	*0.04*	6	**0.4**	*0.18*	0.03	*0.02*
Chile, Bío Bío Province	1	**0.1**	*0.12*	0.01	*0.01*	3	**0.2**	*0.14*	0.02	*0.01*
Chile, Valdivia	2	**0.2**	*0.13*	0.02	*0.01*	3	**0.2**	*0.13*	0.01	*0.01*
Colombia, Bucaramanga	14	**0.7**	*0.19*	0.08	*0.03*	11	**0.4**	*0.13*	0.04	*0.02*
Colombia, Cali	34	**0.8**	*0.15*	0.12	*0.03*	40	**0.7**	*0.12*	0.09	*0.02*
Colombia, Manizales	3	**0.3**	*0.17*	0.02	*0.01*	4	**0.3**	*0.16*	0.03	*0.02*
Colombia, Pasto	2	**0.3**	*0.20*	0.04	*0.03*	3	**0.3**	*0.18*	0.01	*0.01*
Costa Rica	34	**0.4**	*0.06*	0.04	*0.01*	26	**0.3**	*0.05*	0.03	*0.01*
Cuba, Villa Clara	20	**0.9**	*0.21*	0.10	*0.03*	16	**0.7**	*0.20*	0.05	*0.02*
Ecuador, Cuenca	5	**0.6**	*0.29*	0.09	*0.05*	3	**0.3**	*0.20*	0.05	*0.03*
Ecuador, Quito	15	**0.5**	*0.13*	0.06	*0.02*	18	**0.4**	*0.11*	0.04	*0.01*
*France, Martinique	9	**0.7**	*0.24*	0.08	*0.03*	4	**0.2**	*0.12*	0.02	*0.01*
*Jamaica, Kingston and St Andrew	6	**0.4**	*0.18*	0.05	*0.03*	1	**0.1**	*0.05*	0.00	*0.00*
USA, Puerto Rico	54	**0.4**	*0.06*	0.05	*0.01*	36	**0.3**	*0.05*	0.03	*0.01*
Uruguay	34	**0.5**	*0.09*	0.06	*0.01*	26	**0.3**	*0.06*	0.04	*0.01*
America, North										
Canada	623	**0.5**	*0.02*	0.06	*0.00*	444	**0.3**	*0.02*	0.04	*0.00*
Canada, Alberta	50	**0.5**	*0.07*	0.05	*0.01*	37	**0.3**	*0.05*	0.03	*0.01*
Canada, British Columbia	68	**0.4**	*0.05*	0.04	*0.01*	76	**0.4**	*0.05*	0.05	*0.01*
Canada, Manitoba	26	**0.5**	*0.11*	0.06	*0.02*	11	**0.2**	*0.08*	0.03	*0.01*
Canada, New Brunswick	16	**0.5**	*0.12*	0.04	*0.02*	9	**0.2**	*0.08*	0.02	*0.01*
Canada, Newfoundland and Labrador	11	**0.5**	*0.15*	0.06	*0.02*	5	**0.2**	*0.08*	0.02	*0.01*
*Canada, Northwest Territories	2	**1.9**	*1.37*	0.22	*0.16*	0	**-**	-	–	-
Canada, Nova Scotia	21	**0.6**	*0.13*	0.08	*0.02*	12	**0.3**	*0.08*	0.03	*0.01*
Canada, Ontario	226	**0.5**	*0.03*	0.05	*0.00*	167	**0.3**	*0.03*	0.04	*0.00*
Canada, Prince Edward Island	3	**0.6**	*0.34*	0.10	*0.06*	2	**0.2**	*0.18*	0.02	*0.02*
*Canada, Quebec	183	**0.6**	*0.05*	0.07	*0.01*	107	**0.3**	*0.04*	0.04	*0.00*
Canada, Saskatchewan	17	**0.4**	*0.11*	0.04	*0.01*	18	**0.5**	*0.13*	0.05	*0.01*
*Canada, Yukon	0	**-**	-	–	-	0	**-**	-	–	-
USA, NPCR (42 states)	5498	**0.6**	*0.01*	0.07	*0.00*	3714	**0.3**	*0.01*	0.04	*0.00*
USA, NPCR (42 states): American Indian	22	**0.3**	*0.07*	0.05	*0.01*	16	**0.2**	*0.05*	0.02	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	145	**0.5**	*0.04*	0.05	*0.00*	84	**0.2**	*0.02*	0.02	*0.00*
USA, NPCR (42 states): Black	574	**0.7**	*0.03*	0.08	*0.00*	399	**0.3**	*0.02*	0.03	*0.00*
USA, NPCR (42 states): White	4674	**0.6**	*0.01*	0.07	*0.00*	3163	**0.3**	*0.01*	0.04	*0.00*
USA, SEER (9 registries)	508	**0.6**	*0.03*	0.06	*0.00*	417	**0.4**	*0.02*	0.04	*0.00*
*USA, SEER (9 registries): Black	51	**0.7**	*0.10*	0.09	*0.01*	43	**0.4**	*0.06*	0.04	*0.01*
*USA, SEER (9 registries): White	386	**0.5**	*0.03*	0.06	*0.00*	332	**0.4**	*0.02*	0.04	*0.00*
USA, SEER (18 registries)	1603	**0.6**	*0.02*	0.07	*0.00*	1125	**0.4**	*0.01*	0.04	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	134	**0.6**	*0.06*	0.07	*0.01*	72	**0.3**	*0.03*	0.03	*0.00*
*USA, SEER (18 registries): Black	161	**0.7**	*0.05*	0.07	*0.01*	90	**0.3**	*0.03*	0.03	*0.00*
*USA, SEER (18 registries): Hispanic White	167	**0.6**	*0.05*	0.07	*0.01*	125	**0.3**	*0.03*	0.04	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	1116	**0.6**	*0.02*	0.07	*0.00*	822	**0.4**	*0.01*	0.04	*0.00*
*USA, SEER (18 registries): White	1283	**0.6**	*0.02*	0.07	*0.00*	947	**0.4**	*0.01*	0.04	*0.00*
USA, Alabama	123	**0.8**	*0.08*	0.10	*0.01*	51	**0.3**	*0.04*	0.03	*0.00*
USA, Alabama: Black	20	**0.7**	*0.17*	0.08	*0.02*	11	**0.2**	*0.08*	0.02	*0.01*
USA, Alabama: White	102	**0.8**	*0.09*	0.10	*0.01*	39	**0.3**	*0.05*	0.03	*0.01*
USA, Alaska	7	**0.4**	*0.15*	0.06	*0.03*	5	**0.3**	*0.12*	0.05	*0.03*
*USA, Alaska: American Indian	0	**-**	-	–	-	2	**0.7**	*0.48*	0.08	*0.05*
USA, Arizona	104	**0.5**	*0.05*	0.06	*0.01*	67	**0.3**	*0.04*	0.03	*0.00*
USA, Arizona: American Indian	3	**0.5**	*0.30*	0.06	*0.04*	2	**0.3**	*0.21*	0.03	*0.02*
USA, Arizona: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arizona: Black	4	**0.9**	*0.45*	0.15	*0.09*	2	**0.4**	*0.28*	0.04	*0.03*
USA, Arizona: White	95	**0.5**	*0.05*	0.06	*0.01*	62	**0.3**	*0.04*	0.03	*0.00*
USA, Arkansas	54	**0.6**	*0.08*	0.06	*0.01*	51	**0.4**	*0.06*	0.05	*0.01*
USA, Arkansas: Black	5	**0.6**	*0.26*	0.07	*0.04*	2	**0.1**	*0.11*	0.03	*0.02*
USA, Arkansas: White	48	**0.6**	*0.09*	0.06	*0.01*	49	**0.5**	*0.07*	0.05	*0.01*
USA, California	663	**0.6**	*0.02*	0.07	*0.00*	449	**0.3**	*0.02*	0.04	*0.00*
USA, California: American Indian	2	**0.2**	*0.16*	0.04	*0.03*	2	**0.1**	*0.10*	0.01	*0.01*
USA, California: Asian and Pacific Islander	80	**0.6**	*0.07*	0.06	*0.01*	40	**0.2**	*0.04*	0.02	*0.00*
USA, California: Black	41	**0.6**	*0.10*	0.06	*0.01*	22	**0.3**	*0.06*	0.03	*0.01*
USA, California: White	523	**0.6**	*0.03*	0.07	*0.00*	378	**0.4**	*0.02*	0.04	*0.00*
USA, California, Los Angeles County	159	**0.6**	*0.05*	0.06	*0.01*	127	**0.4**	*0.03*	0.03	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	23	**0.6**	*0.12*	0.07	*0.02*	13	**0.2**	*0.06*	0.02	*0.01*
*USA, California, Los Angeles County: Black	14	**0.5**	*0.15*	0.04	*0.01*	4	**0.1**	*0.05*	0.00	*0.00*
*USA, California, Los Angeles County: Chinese	3	**0.2**	*0.14*	0.04	*0.02*	6	**0.4**	*0.16*	0.04	*0.02*
*USA, California, Los Angeles County: Filipino	6	**0.8**	*0.31*	0.07	*0.03*	4	**0.3**	*0.16*	0.04	*0.02*
*USA, California, Los Angeles County: Hispanic White	41	**0.5**	*0.08*	0.06	*0.01*	42	**0.4**	*0.06*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nose, sinuses etc. (C30-31) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	3	**0.6**	*0.38*	0.08	*0.05*	0	**-**	-	–	-
*USA, California, Los Angeles County: Korean	3	**0.4**	*0.24*	0.03	*0.02*	0	**-**	-	–	-
*USA, California, Los Angeles County: Non–Hispanic White	78	**0.6**	*0.08*	0.07	*0.01*	68	**0.4**	*0.06*	0.04	*0.01*
*USA, California, Los Angeles County: White	119	**0.5**	*0.05*	0.07	*0.01*	110	**0.4**	*0.04*	0.04	*0.01*
USA, California, San Francisco Bay Area	73	**0.5**	*0.06*	0.06	*0.01*	60	**0.3**	*0.05*	0.03	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	19	**0.6**	*0.15*	0.06	*0.02*	12	**0.3**	*0.09*	0.04	*0.01*
*USA, California, San Francisco Bay Area: Black	5	**0.4**	*0.19*	0.05	*0.02*	6	**0.4**	*0.18*	0.05	*0.03*
*USA, California, San Francisco Bay Area: Hispanic White	6	**0.3**	*0.13*	0.02	*0.01*	6	**0.4**	*0.16*	0.04	*0.02*
*USA, California, San Francisco Bay Area: Non–Hispanic White	39	**0.5**	*0.08*	0.06	*0.01*	35	**0.3**	*0.06*	0.03	*0.01*
*USA, California, San Francisco Bay Area: White	45	**0.4**	*0.07*	0.05	*0.01*	41	**0.3**	*0.07*	0.03	*0.01*
USA, Colorado	70	**0.5**	*0.06*	0.05	*0.01*	53	**0.3**	*0.04*	0.03	*0.01*
USA, Colorado: Asian and Pacific Islander	2	**0.5**	*0.34*	0.04	*0.03*	0	**-**	-	–	-
USA, Colorado: Black	1	**0.3**	*0.29*	0.05	*0.05*	1	**0.2**	*0.16*	0.01	*0.01*
USA, Colorado: White	66	**0.5**	*0.06*	0.05	*0.01*	51	**0.3**	*0.05*	0.03	*0.01*
USA, Connecticut	65	**0.5**	*0.07*	0.05	*0.01*	60	**0.4**	*0.06*	0.04	*0.01*
*USA, Connecticut: Black	4	**0.5**	*0.28*	0.11	*0.06*	5	**0.4**	*0.17*	0.02	*0.01*
*USA, Connecticut: White	59	**0.5**	*0.07*	0.05	*0.01*	53	**0.4**	*0.06*	0.04	*0.01*
USA, Delaware	18	**0.6**	*0.15*	0.07	*0.02*	18	**0.5**	*0.13*	0.06	*0.02*
USA, Delaware: Black	3	**0.7**	*0.40*	0.09	*0.07*	3	**0.5**	*0.29*	0.06	*0.05*
USA, Delaware: White	15	**0.6**	*0.17*	0.07	*0.02*	15	**0.6**	*0.15*	0.06	*0.02*
USA, Florida	474	**0.7**	*0.03*	0.08	*0.00*	324	**0.4**	*0.02*	0.04	*0.00*
USA, Florida: Asian and Pacific Islander	6	**0.5**	*0.23*	0.05	*0.02*	1	**0.1**	*0.06*	0.01	*0.01*
USA, Florida: Black	49	**0.7**	*0.11*	0.09	*0.02*	36	**0.4**	*0.07*	0.04	*0.01*
USA, Florida: White	412	**0.7**	*0.04*	0.08	*0.00*	281	**0.4**	*0.03*	0.04	*0.00*
USA, Georgia	178	**0.7**	*0.05*	0.08	*0.01*	91	**0.3**	*0.03*	0.03	*0.00*
USA, Georgia: Asian and Pacific Islander	6	**1.2**	*0.48*	0.13	*0.06*	1	**0.1**	*0.09*	0.01	*0.01*
USA, Georgia: Black	42	**0.7**	*0.11*	0.07	*0.01*	24	**0.3**	*0.06*	0.03	*0.01*
USA, Georgia: White	129	**0.6**	*0.06*	0.07	*0.01*	66	**0.3**	*0.04*	0.03	*0.00*
USA, Georgia, Atlanta	53	**0.6**	*0.09*	0.07	*0.01*	32	**0.3**	*0.06*	0.04	*0.01*
*USA, Georgia, Atlanta: Black	16	**0.6**	*0.17*	0.08	*0.03*	15	**0.4**	*0.12*	0.04	*0.01*
*USA, Georgia, Atlanta: White	32	**0.5**	*0.10*	0.06	*0.01*	16	**0.3**	*0.08*	0.03	*0.01*
USA, Idaho	31	**0.7**	*0.12*	0.08	*0.02*	19	**0.3**	*0.08*	0.03	*0.01*
USA, Illinois	249	**0.6**	*0.04*	0.07	*0.01*	177	**0.4**	*0.03*	0.04	*0.00*
USA, Illinois: Asian and Pacific Islander	0	**-**	-	–	-	4	**0.3**	*0.13*	0.04	*0.02*
USA, Illinois: Black	29	**0.6**	*0.11*	0.05	*0.01*	27	**0.4**	*0.09*	0.04	*0.01*
USA, Illinois: White	215	**0.6**	*0.04*	0.07	*0.01*	145	**0.3**	*0.03*	0.04	*0.00*
USA, Indiana	134	**0.6**	*0.06*	0.07	*0.01*	100	**0.4**	*0.04*	0.04	*0.01*
USA, Indiana: Black	6	**0.5**	*0.20*	0.06	*0.03*	4	**0.2**	*0.12*	0.02	*0.01*
USA, Indiana: White	127	**0.6**	*0.06*	0.07	*0.01*	95	**0.4**	*0.04*	0.05	*0.01*
USA, Iowa	56	**0.5**	*0.07*	0.05	*0.01*	59	**0.4**	*0.06*	0.04	*0.01*
USA, Kentucky	125	**0.9**	*0.08*	0.11	*0.01*	75	**0.4**	*0.06*	0.05	*0.01*
USA, Louisiana	87	**0.8**	*0.09*	0.09	*0.01*	47	**0.3**	*0.05*	0.03	*0.01*
*USA, Louisiana: Black	27	**1.0**	*0.19*	0.11	*0.02*	13	**0.3**	*0.09*	0.02	*0.01*
*USA, Louisiana: White	60	**0.7**	*0.10*	0.09	*0.01*	33	**0.3**	*0.06*	0.03	*0.01*
*USA, Louisiana, New Orleans	12	**0.5**	*0.16*	0.06	*0.02*	11	**0.5**	*0.16*	0.05	*0.02*
*USA, Louisiana, New Orleans: Black	4	**0.6**	*0.28*	0.07	*0.03*	6	**0.6**	*0.27*	0.05	*0.02*
*USA, Louisiana, New Orleans: White	8	**0.5**	*0.20*	0.06	*0.02*	5	**0.4**	*0.17*	0.05	*0.02*
USA, Maine	40	**0.8**	*0.13*	0.10	*0.02*	20	**0.3**	*0.08*	0.04	*0.01*
USA, Massachusetts	121	**0.6**	*0.05*	0.06	*0.01*	87	**0.3**	*0.04*	0.04	*0.00*
USA, Massachusetts: Asian and Pacific Islander	2	**0.4**	*0.27*	0.06	*0.04*	1	**0.1**	*0.10*	–	-
USA, Massachusetts: Black	3	**0.3**	*0.15*	0.03	*0.02*	5	**0.3**	*0.16*	0.03	*0.02*
USA, Massachusetts: White	113	**0.6**	*0.06*	0.06	*0.01*	80	**0.3**	*0.04*	0.04	*0.01*
USA, Michigan	200	**0.6**	*0.04*	0.07	*0.01*	151	**0.4**	*0.03*	0.04	*0.00*
USA, Michigan: Asian and Pacific Islander	3	**0.4**	*0.25*	0.03	*0.02*	1	**0.2**	*0.16*	0.02	*0.02*
USA, Michigan: Black	31	**0.9**	*0.17*	0.12	*0.03*	20	**0.4**	*0.10*	0.04	*0.01*
USA, Michigan: White	165	**0.5**	*0.04*	0.06	*0.01*	125	**0.3**	*0.03*	0.04	*0.00*
USA, Michigan, Detroit	69	**0.5**	*0.07*	0.06	*0.01*	72	**0.5**	*0.06*	0.05	*0.01*
*USA, Michigan, Detroit: Black	22	**0.9**	*0.20*	0.11	*0.03*	14	**0.4**	*0.11*	0.04	*0.01*
*USA, Michigan, Detroit: White	46	**0.5**	*0.07*	0.05	*0.01*	56	**0.5**	*0.07*	0.06	*0.01*
USA, Mississippi	76	**0.8**	*0.10*	0.09	*0.01*	42	**0.4**	*0.07*	0.05	*0.01*
USA, Missouri	105	**0.5**	*0.05*	0.06	*0.01*	86	**0.3**	*0.04*	0.04	*0.01*
USA, Missouri: Black	12	**0.8**	*0.25*	0.09	*0.03*	6	**0.2**	*0.10*	0.01	*0.01*
USA, Missouri: White	89	**0.5**	*0.05*	0.06	*0.01*	80	**0.4**	*0.04*	0.04	*0.01*
USA, Montana	18	**0.5**	*0.13*	0.04	*0.01*	7	**0.2**	*0.07*	0.02	*0.01*
USA, Montana: American Indian	1	**0.7**	*0.66*	–	-	0	**-**	-	–	-
USA, Nebraska	39	**0.7**	*0.11*	0.07	*0.01*	32	**0.4**	*0.08*	0.05	*0.01*
USA, Nebraska: Black	1	**0.5**	*0.52*	0.05	*0.05*	1	**0.3**	*0.26*	–	-
USA, Nebraska: White	38	**0.7**	*0.12*	0.08	*0.02*	30	**0.4**	*0.08*	0.05	*0.01*
USA, New Hampshire	27	**0.6**	*0.11*	0.07	*0.02*	9	**0.2**	*0.06*	0.02	*0.01*
USA, New Jersey	168	**0.6**	*0.05*	0.06	*0.01*	137	**0.4**	*0.03*	0.04	*0.00*
*USA, New Jersey: Black	18	**0.6**	*0.14*	0.06	*0.02*	9	**0.2**	*0.07*	0.01	*0.01*
*USA, New Jersey: White	141	**0.6**	*0.05*	0.06	*0.01*	122	**0.4**	*0.04*	0.04	*0.01*
USA, New Mexico	38	**0.6**	*0.10*	0.07	*0.01*	22	**0.3**	*0.07*	0.03	*0.01*
*USA, New Mexico: Hispanic White	12	**0.6**	*0.17*	0.07	*0.02*	7	**0.3**	*0.12*	0.03	*0.01*
*USA, New Mexico: Non–Hispanic White	23	**0.7**	*0.16*	0.08	*0.02*	14	**0.3**	*0.11*	0.03	*0.01*
*USA, New Mexico: White	35	**0.6**	*0.11*	0.07	*0.01*	21	**0.3**	*0.07*	0.03	*0.01*
USA, New York State	377	**0.6**	*0.03*	0.06	*0.00*	313	**0.4**	*0.03*	0.04	*0.00*
USA, New York State: Asian and Pacific Islander	13	**0.4**	*0.11*	0.04	*0.01*	10	**0.2**	*0.08*	0.03	*0.01*
USA, New York State: Black	53	**0.6**	*0.09*	0.07	*0.01*	51	**0.5**	*0.07*	0.04	*0.01*
USA, New York State: White	305	**0.6**	*0.03*	0.06	*0.00*	249	**0.4**	*0.03*	0.04	*0.00*
USA, North Carolina	164	**0.6**	*0.05*	0.07	*0.01*	142	**0.4**	*0.04*	0.05	*0.01*
USA, North Carolina: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Asian and Pacific Islander	2	**0.8**	*0.55*	0.10	*0.10*	2	**0.5**	*0.40*	0.07	*0.06*
USA, North Carolina: Black	36	**0.8**	*0.13*	0.08	*0.02*	23	**0.3**	*0.07*	0.02	*0.01*
USA, North Carolina: White	125	**0.5**	*0.05*	0.06	*0.01*	115	**0.4**	*0.04*	0.05	*0.01*
USA, North Dakota	11	**0.5**	*0.16*	0.06	*0.02*	9	**0.3**	*0.12*	0.04	*0.02*
USA, Ohio	250	**0.6**	*0.04*	0.07	*0.01*	164	**0.3**	*0.03*	0.04	*0.00*
USA, Ohio: Asian and Pacific Islander	1	**0.2**	*0.22*	0.03	*0.03*	0	**-**	-	–	-
USA, Ohio: Black	23	**0.6**	*0.13*	0.06	*0.02*	24	**0.5**	*0.11*	0.05	*0.01*
USA, Ohio: White	221	**0.6**	*0.04*	0.07	*0.01*	133	**0.3**	*0.03*	0.03	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nose, sinuses etc. (C30-31) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	89	**0.7**	*0.08*	0.08	*0.01*	60	**0.4**	*0.06*	0.04	*0.01*
USA, Oklahoma: American Indian	7	**0.9**	*0.35*	0.13	*0.06*	6	**0.6**	*0.27*	0.06	*0.03*
USA, Oklahoma: Black	4	**0.6**	*0.30*	0.04	*0.03*	6	**0.7**	*0.29*	0.06	*0.03*
USA, Oklahoma: White	75	**0.7**	*0.08*	0.08	*0.01*	47	**0.3**	*0.05*	0.03	*0.01*
USA, Oregon	61	**0.4**	*0.06*	0.05	*0.01*	42	**0.2**	*0.04*	0.03	*0.01*
USA, Oregon: Asian and Pacific Islander	1	**0.3**	*0.25*	–	-	1	**0.1**	*0.13*	–	-
USA, Oregon: Black	1	**0.4**	*0.42*	0.04	*0.04*	0	**-**	-	–	-
USA, Oregon: White	57	**0.4**	*0.06*	0.05	*0.01*	41	**0.3**	*0.05*	0.03	*0.01*
USA, Pennsylvania	312	**0.7**	*0.04*	0.08	*0.01*	220	**0.4**	*0.03*	0.04	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	1	**0.1**	*0.13*	–	-	0	**-**	-	–	-
USA, Pennsylvania: Black	25	**0.8**	*0.17*	0.10	*0.02*	17	**0.4**	*0.09*	0.04	*0.01*
USA, Pennsylvania: White	278	**0.6**	*0.04*	0.07	*0.01*	201	**0.4**	*0.03*	0.04	*0.00*
USA, Rhode Island	30	**0.9**	*0.16*	0.09	*0.02*	15	**0.3**	*0.08*	0.03	*0.01*
USA, Rhode Island: Black	1	**0.6**	*0.62*	0.08	*0.08*	1	**0.6**	*0.61*	0.08	*0.08*
USA, Rhode Island: White	28	**0.9**	*0.17*	0.09	*0.02*	14	**0.3**	*0.08*	0.03	*0.01*
USA, South Carolina	128	**0.9**	*0.08*	0.10	*0.01*	58	**0.3**	*0.05*	0.03	*0.01*
USA, South Carolina: Black	25	**0.8**	*0.16*	0.09	*0.02*	12	**0.3**	*0.08*	0.03	*0.01*
USA, South Carolina: White	103	**0.9**	*0.09*	0.10	*0.01*	44	**0.3**	*0.05*	0.03	*0.01*
USA, South Dakota	18	**0.6**	*0.16*	0.07	*0.02*	11	**0.3**	*0.11*	0.04	*0.01*
USA, Tennessee	161	**0.8**	*0.06*	0.10	*0.01*	73	**0.3**	*0.04*	0.03	*0.00*
USA, Tennessee: Black	21	**0.9**	*0.20*	0.10	*0.03*	10	**0.3**	*0.10*	0.04	*0.02*
USA, Tennessee: White	140	**0.8**	*0.07*	0.10	*0.01*	60	**0.3**	*0.04*	0.03	*0.00*
USA, Texas	412	**0.6**	*0.03*	0.07	*0.00*	277	**0.3**	*0.02*	0.04	*0.00*
USA, Texas: Asian and Pacific Islander	7	**0.4**	*0.14*	0.03	*0.01*	6	**0.3**	*0.10*	0.03	*0.02*
USA, Texas: Black	31	**0.5**	*0.09*	0.05	*0.01*	28	**0.3**	*0.06*	0.03	*0.01*
USA, Texas: White	363	**0.6**	*0.03*	0.07	*0.00*	238	**0.3**	*0.02*	0.04	*0.00*
USA, Utah	36	**0.6**	*0.09*	0.07	*0.01*	26	**0.4**	*0.08*	0.04	*0.01*
USA, Vermont	13	**0.6**	*0.17*	0.08	*0.03*	7	**0.3**	*0.11*	0.04	*0.02*
USA, Virginia	184	**0.8**	*0.06*	0.08	*0.01*	84	**0.3**	*0.03*	0.03	*0.00*
USA, Virginia: Asian and Pacific Islander	2	**0.3**	*0.19*	0.06	*0.04*	1	**0.1**	*0.06*	0.01	*0.01*
USA, Virginia: Black	33	**0.9**	*0.16*	0.11	*0.02*	14	**0.2**	*0.07*	0.02	*0.01*
USA, Virginia: White	148	**0.8**	*0.06*	0.08	*0.01*	67	**0.3**	*0.04*	0.03	*0.00*
USA, Washington State	121	**0.6**	*0.06*	0.08	*0.01*	88	**0.3**	*0.04*	0.04	*0.01*
USA, Washington, Seattle	79	**0.6**	*0.07*	0.07	*0.01*	62	**0.4**	*0.05*	0.04	*0.01*
USA, West Virginia	46	**0.7**	*0.10*	0.07	*0.01*	40	**0.5**	*0.08*	0.06	*0.01*
USA, Wisconsin	121	**0.7**	*0.06*	0.07	*0.01*	71	**0.3**	*0.04*	0.04	*0.01*
USA, Wisconsin: Black	5	**1.0**	*0.45*	0.16	*0.08*	2	**0.2**	*0.14*	0.01	*0.01*
USA, Wisconsin: White	113	**0.7**	*0.07*	0.07	*0.01*	69	**0.3**	*0.04*	0.04	*0.01*
USA, Wyoming	10	**0.6**	*0.18*	0.07	*0.02*	6	**0.4**	*0.15*	0.05	*0.02*
Asia										
Bahrain: Bahraini	4	**0.4**	*0.19*	0.03	*0.01*	1	**0.1**	*0.09*	0.01	*0.01*
China, Beijing City	102	**0.4**	*0.04*	0.04	*0.00*	65	**0.3**	*0.04*	0.03	*0.00*
*China, Cixian County	13	**1.1**	*0.31*	0.15	*0.05*	6	**0.5**	*0.19*	0.08	*0.04*
China, Haining County	3	**0.1**	*0.08*	0.02	*0.01*	2	**0.1**	*0.04*	0.00	*0.00*
*China, Harbin City, Nangang District	16	**0.5**	*0.13*	0.06	*0.02*	11	**0.3**	*0.11*	0.03	*0.01*
China, Hong Kong	180	**0.8**	*0.06*	0.08	*0.01*	107	**0.4**	*0.04*	0.04	*0.01*
China, Jiashan County	6	**0.4**	*0.15*	0.04	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
China, Jiaxing City	6	**0.6**	*0.23*	0.08	*0.04*	2	**0.2**	*0.12*	0.02	*0.01*
China, Macao	8	**0.6**	*0.23*	0.09	*0.04*	5	**0.3**	*0.16*	0.04	*0.03*
China, Qidong County	21	**0.6**	*0.14*	0.05	*0.01*	8	**0.2**	*0.08*	0.03	*0.01*
*China, Shanghai City	137	**0.6**	*0.06*	0.06	*0.01*	69	**0.2**	*0.03*	0.02	*0.00*
*China, Wuhan City	78	**0.5**	*0.06*	0.07	*0.01*	39	**0.3**	*0.04*	0.03	*0.01*
*China, Yangcheng County	5	**0.6**	*0.27*	0.07	*0.03*	5	**0.5**	*0.24*	0.06	*0.03*
*China, Yanting County	8	**0.4**	*0.15*	0.05	*0.02*	3	**0.2**	*0.11*	0.03	*0.02*
*China, Zhongshan City	26	**1.0**	*0.19*	0.10	*0.02*	15	**0.5**	*0.13*	0.06	*0.02*
*India, Bangalore	48	**0.6**	*0.09*	0.07	*0.01*	32	**0.4**	*0.08*	0.04	*0.01*
*India; Barshi, Paranda, and Bhum	3	**0.2**	*0.13*	0.04	*0.02*	3	**0.3**	*0.15*	0.02	*0.01*
*India, Bhopal	14	**0.6**	*0.17*	0.06	*0.02*	8	**0.4**	*0.14*	0.04	*0.02*
*India, Chennai	78	**0.8**	*0.09*	0.08	*0.01*	47	**0.5**	*0.07*	0.05	*0.01*
*India, Dindigul, Ambilikkai	35	**0.8**	*0.13*	0.09	*0.02*	16	**0.3**	*0.08*	0.03	*0.01*
*India, Karunagappally	5	**0.5**	*0.22*	0.04	*0.03*	3	**0.2**	*0.14*	0.04	*0.02*
*India, Mizoram	12	**0.8**	*0.24*	0.06	*0.02*	11	**0.6**	*0.20*	0.07	*0.03*
*India, Mumbai	137	**0.5**	*0.05*	0.06	*0.01*	82	**0.3**	*0.04*	0.04	*0.01*
*India, New Delhi	72	**0.3**	*0.03*	0.03	*0.00*	54	**0.2**	*0.03*	0.03	*0.00*
*India, Poona	61	**0.7**	*0.10*	0.08	*0.01*	38	**0.5**	*0.08*	0.06	*0.01*
*India, Sikkim State	4	**0.4**	*0.21*	0.03	*0.02*	6	**0.9**	*0.35*	0.04	*0.02*
*India, Trivandrum	11	**0.7**	*0.22*	0.08	*0.03*	9	**0.4**	*0.15*	0.04	*0.02*
*Iran (Islamic Republic of), Golestan Province	1	**0.0**	*0.03*	0.00	*0.00*	3	**0.2**	*0.14*	0.01	*0.01*
Israel	76	**0.4**	*0.05*	0.04	*0.01*	55	**0.2**	*0.03*	0.02	*0.00*
*Israel: Jews	68	**0.4**	*0.05*	0.05	*0.01*	54	**0.3**	*0.04*	0.03	*0.00*
*Israel: Non–Jews	8	**0.3**	*0.10*	0.02	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
Japan, Aichi Prefecture	43	**0.7**	*0.11*	0.10	*0.02*	16	**0.2**	*0.07*	0.02	*0.01*
Japan, Fukui Prefecture	29	**0.8**	*0.17*	0.09	*0.02*	14	**0.4**	*0.14*	0.03	*0.01*
Japan, Hiroshima	35	**0.7**	*0.13*	0.09	*0.02*	23	**0.3**	*0.08*	0.03	*0.01*
Japan, Miyagi Prefecture	95	**0.9**	*0.11*	0.11	*0.01*	52	**0.5**	*0.08*	0.05	*0.01*
Japan, Nagasaki Prefecture	63	**0.9**	*0.13*	0.11	*0.02*	36	**0.4**	*0.07*	0.04	*0.01*
Japan, Niigata Prefecture	92	**0.7**	*0.08*	0.08	*0.01*	55	**0.3**	*0.06*	0.03	*0.01*
*Japan, Osaka Prefecture	268	**0.6**	*0.04*	0.07	*0.01*	157	**0.3**	*0.03*	0.03	*0.00*
Japan, Saga Prefecture	31	**0.7**	*0.15*	0.08	*0.02*	19	**0.4**	*0.12*	0.04	*0.01*
Republic of Korea	904	**0.7**	*0.02*	0.08	*0.00*	560	**0.3**	*0.02*	0.04	*0.00*
Republic of Korea, Busan	77	**0.7**	*0.08*	0.07	*0.01*	48	**0.4**	*0.06*	0.04	*0.01*
Republic of Korea, Daegu	39	**0.6**	*0.09*	0.07	*0.01*	32	**0.4**	*0.07*	0.05	*0.01*
Republic of Korea, Daejeon	19	**0.5**	*0.13*	0.07	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
Republic of Korea, Gwangju	22	**0.7**	*0.16*	0.08	*0.02*	20	**0.5**	*0.12*	0.06	*0.02*
Republic of Korea, Incheon	41	**0.6**	*0.10*	0.08	*0.02*	20	**0.2**	*0.06*	0.04	*0.01*
Republic of Korea, Jejudo	7	**0.5**	*0.19*	0.06	*0.02*	4	**0.2**	*0.13*	0.03	*0.02*
Republic of Korea, Seoul	166	**0.6**	*0.05*	0.08	*0.01*	93	**0.3**	*0.03*	0.04	*0.00*
Republic of Korea, Ulsan	16	**0.7**	*0.18*	0.08	*0.03*	15	**0.6**	*0.17*	0.08	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nose, sinuses etc. (C30-31) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	11	**0.3**	*0.10*	0.02	*0.01*	7	**0.1**	*0.05*	0.01	*0.00*
*Kuwait: Kuwaitis	3	**0.2**	*0.15*	0.02	*0.01*	3	**0.1**	*0.08*	0.01	*0.01*
*Kuwait: Non−Kuwaitis	8	**0.2**	*0.11*	0.03	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
*Malaysia, Penang	15	**0.7**	*0.18*	0.06	*0.02*	4	**0.2**	*0.08*	0.02	*0.01*
*Malaysia, Penang: Chinese	10	**0.7**	*0.22*	0.06	*0.02*	2	**0.1**	*0.08*	0.02	*0.02*
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	5	**0.9**	*0.40*	0.08	*0.05*	1	**0.1**	*0.15*	0.02	*0.02*
*Philippines, Manila	73	**0.9**	*0.11*	0.11	*0.02*	45	**0.4**	*0.06*	0.04	*0.01*
*Philippines, Rizal	98	**1.0**	*0.11*	0.10	*0.01*	70	**0.6**	*0.08*	0.07	*0.01*
Qatar: Qatari	3	**1.1**	*0.68*	0.12	*0.09*	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	13	**0.2**	*0.06*	0.01	*0.00*	10	**0.2**	*0.07*	0.02	*0.01*
Singapore	78	**0.8**	*0.09*	0.11	*0.01*	49	**0.4**	*0.06*	0.04	*0.01*
Singapore: Chinese	70	**0.9**	*0.11*	0.11	*0.02*	42	**0.4**	*0.07*	0.05	*0.01*
Singapore: Indian	3	**0.5**	*0.27*	0.08	*0.05*	0	**-**	-	–	-
Singapore: Malay	4	**0.3**	*0.16*	0.05	*0.03*	7	**0.5**	*0.20*	0.06	*0.03*
Thailand, Bangkok	88	**0.6**	*0.07*	0.05	*0.01*	48	**0.2**	*0.04*	0.02	*0.00*
Thailand, Chiang Mai	29	**0.7**	*0.13*	0.07	*0.02*	19	**0.4**	*0.10*	0.05	*0.01*
Thailand, Chonburi	23	**0.8**	*0.18*	0.10	*0.03*	18	**0.6**	*0.14*	0.07	*0.02*
*Thailand, Khon Kaen	24	**0.6**	*0.12*	0.05	*0.01*	7	**0.1**	*0.05*	0.01	*0.01*
Thailand, Lampang	17	**0.7**	*0.17*	0.08	*0.02*	12	**0.4**	*0.12*	0.04	*0.02*
*Thailand, Songkhla	16	**0.6**	*0.15*	0.06	*0.02*	6	**0.2**	*0.08*	0.03	*0.02*
*Turkey, Antalya	14	**0.4**	*0.10*	0.05	*0.01*	5	**0.1**	*0.06*	0.02	*0.01*
*Turkey, Edirne	2	**0.2**	*0.16*	0.02	*0.02*	1	**0.1**	*0.10*	0.02	*0.02*
*Turkey, Izmir	45	**0.5**	*0.07*	0.06	*0.01*	33	**0.3**	*0.05*	0.03	*0.01*
*Turkey, Trabzon	5	**0.5**	*0.22*	0.06	*0.03*	3	**0.2**	*0.14*	0.02	*0.01*
Europe										
Austria	172	**0.6**	*0.05*	0.06	*0.01*	92	**0.3**	*0.03*	0.03	*0.00*
Austria, Tyrol	32	**1.3**	*0.23*	0.15	*0.03*	9	**0.3**	*0.11*	0.05	*0.02*
Austria, Vorarlberg	14	**1.3**	*0.35*	0.13	*0.04*	3	**0.2**	*0.11*	0.02	*0.02*
*Belarus	216	**0.8**	*0.05*	0.09	*0.01*	127	**0.3**	*0.03*	0.03	*0.00*
*Belgium	319	**1.0**	*0.06*	0.11	*0.01*	129	**0.4**	*0.04*	0.04	*0.00*
Bulgaria	169	**0.6**	*0.05*	0.06	*0.01*	74	**0.2**	*0.03*	0.02	*0.00*
Croatia	108	**0.6**	*0.06*	0.08	*0.01*	81	**0.3**	*0.04*	0.03	*0.01*
Cyprus	6	**0.2**	*0.10*	0.02	*0.01*	4	**0.1**	*0.06*	0.01	*0.01*
Czech Republic	192	**0.5**	*0.04*	0.06	*0.00*	143	**0.3**	*0.03*	0.03	*0.00*
Denmark	220	**1.0**	*0.07*	0.11	*0.01*	146	**0.6**	*0.05*	0.07	*0.01*
*Estonia	42	**1.0**	*0.16*	0.11	*0.02*	18	**0.2**	*0.06*	0.02	*0.01*
Finland	118	**0.6**	*0.05*	0.06	*0.01*	76	**0.3**	*0.03*	0.03	*0.00*
*France, Bas−Rhin	51	**1.3**	*0.19*	0.16	*0.03*	22	**0.5**	*0.12*	0.05	*0.01*
*France, Calvados	28	**1.1**	*0.21*	0.14	*0.03*	11	**0.4**	*0.14*	0.04	*0.01*
*France, Doubs	23	**1.2**	*0.26*	0.15	*0.04*	8	**0.3**	*0.13*	0.04	*0.02*
*France, Haut−Rhin	24	**0.9**	*0.18*	0.13	*0.03*	5	**0.2**	*0.09*	0.02	*0.01*
*France, Hérault	35	**0.8**	*0.15*	0.07	*0.02*	20	**0.5**	*0.13*	0.05	*0.01*
*France, Isère	32	**0.8**	*0.15*	0.10	*0.02*	15	**0.3**	*0.08*	0.02	*0.01*
*France, Loire−Atlantique	72	**1.5**	*0.18*	0.19	*0.03*	15	**0.2**	*0.06*	0.03	*0.01*
*France, Manche	28	**1.4**	*0.28*	0.16	*0.04*	14	**0.6**	*0.19*	0.07	*0.02*
*France, Somme	28	**1.3**	*0.25*	0.13	*0.03*	5	**0.2**	*0.10*	0.03	*0.01*
*France, Tarn	23	**1.3**	*0.31*	0.15	*0.04*	5	**0.4**	*0.25*	0.03	*0.02*
*France, Vendée	34	**1.2**	*0.23*	0.16	*0.03*	11	**0.3**	*0.12*	0.02	*0.01*
Germany, Brandenburg	62	**0.5**	*0.07*	0.06	*0.01*	52	**0.4**	*0.06*	0.05	*0.01*
Germany, Bremen	9	**0.3**	*0.11*	0.05	*0.02*	7	**0.2**	*0.09*	0.02	*0.01*
Germany, Free State of Saxony	126	**0.6**	*0.06*	0.08	*0.01*	64	**0.2**	*0.03*	0.02	*0.00*
Germany, Hamburg	57	**0.8**	*0.12*	0.09	*0.01*	35	**0.4**	*0.08*	0.04	*0.01*
Germany, Mecklenburg−Western Pomerania	39	**0.5**	*0.09*	0.06	*0.01*	21	**0.2**	*0.05*	0.02	*0.01*
Germany, Munich	101	**0.6**	*0.07*	0.07	*0.01*	66	**0.3**	*0.05*	0.04	*0.01*
Germany, North Rhine−Westphalia	79	**0.8**	*0.09*	0.09	*0.01*	40	**0.3**	*0.06*	0.04	*0.01*
Germany, Saarland	30	**0.6**	*0.12*	0.08	*0.02*	15	**0.3**	*0.09*	0.04	*0.01*
Germany, Schleswig−Holstein	83	**0.7**	*0.08*	0.09	*0.01*	48	**0.3**	*0.05*	0.04	*0.01*
Iceland	7	**0.7**	*0.27*	0.08	*0.04*	6	**0.5**	*0.21*	0.05	*0.03*
Ireland	69	**0.5**	*0.07*	0.06	*0.01*	41	**0.3**	*0.05*	0.04	*0.01*
Italy, Biella	6	**0.7**	*0.28*	0.09	*0.04*	4	**0.4**	*0.20*	0.05	*0.03*
Italy, Brescia	19	**0.5**	*0.11*	0.07	*0.02*	20	**0.5**	*0.16*	0.05	*0.01*
Italy, Catania and Messina	20	**0.6**	*0.13*	0.06	*0.02*	7	**0.2**	*0.07*	0.02	*0.01*
Italy, Catanzaro	3	**0.2**	*0.15*	0.01	*0.01*	2	**0.2**	*0.17*	0.03	*0.02*
Italy, Como	11	**0.4**	*0.14*	0.05	*0.02*	5	**0.2**	*0.10*	0.02	*0.01*
Italy, Ferrara	14	**0.6**	*0.18*	0.05	*0.02*	6	**0.2**	*0.12*	0.02	*0.01*
Italy, Florence and Prato	29	**0.8**	*0.17*	0.08	*0.02*	15	**0.2**	*0.07*	0.03	*0.01*
Italy, Friuli−Venezia Giulia	49	**0.9**	*0.13*	0.10	*0.02*	25	**0.4**	*0.11*	0.05	*0.01*
Italy, Genoa	25	**0.6**	*0.12*	0.08	*0.02*	16	**0.3**	*0.09*	0.03	*0.01*
Italy, Latina	9	**0.4**	*0.14*	0.05	*0.02*	9	**0.4**	*0.14*	0.04	*0.02*
Italy, Lecco	6	**0.3**	*0.11*	0.02	*0.02*	6	**0.5**	*0.22*	0.06	*0.02*
Italy, Lombardy, South	18	**0.9**	*0.23*	0.13	*0.03*	11	**0.4**	*0.15*	0.04	*0.02*
Italy, Mantua	5	**0.5**	*0.25*	0.08	*0.03*	3	**0.4**	*0.24*	0.04	*0.02*
Italy, Milan	30	**0.6**	*0.12*	0.07	*0.01*	25	**0.3**	*0.08*	0.03	*0.01*
Italy, Modena	14	**0.5**	*0.13*	0.07	*0.02*	8	**0.2**	*0.07*	0.02	*0.01*
Italy, Naples	8	**0.5**	*0.18*	0.06	*0.02*	3	**0.1**	*0.09*	0.02	*0.01*
Italy, Nuoro	7	**0.6**	*0.24*	0.06	*0.03*	0	**-**	-	–	-
Italy, Palermo	23	**0.6**	*0.13*	0.07	*0.02*	10	**0.2**	*0.08*	0.02	*0.01*
Italy, Parma	6	**0.2**	*0.08*	0.02	*0.01*	5	**0.1**	*0.09*	0.02	*0.01*
Italy, Ragusa	7	**0.5**	*0.21*	0.06	*0.03*	2	**0.1**	*0.10*	0.01	*0.01*
Italy, Reggio Emilia	9	**0.4**	*0.14*	0.05	*0.02*	3	**0.1**	*0.08*	0.02	*0.01*
Italy, Romagna	27	**0.5**	*0.10*	0.06	*0.01*	21	**0.3**	*0.07*	0.03	*0.01*
Italy, Salerno	21	**0.5**	*0.11*	0.06	*0.02*	11	**0.3**	*0.09*	0.03	*0.01*
Italy, Sassari	11	**0.6**	*0.19*	0.06	*0.02*	1	**0.0**	*0.05*	0.01	*0.01*
Italy, Sondrio	8	**0.9**	*0.32*	0.11	*0.05*	3	**0.2**	*0.15*	0.02	*0.02*
Italy, South Tyrol	16	**1.2**	*0.32*	0.13	*0.04*	3	**0.2**	*0.11*	0.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nose, sinuses etc. (C30-31) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	8	**0.4**	*0.14*	0.03	*0.02*	2	**0.1**	*0.05*	0.01	*0.01*
Italy, Trapani	7	**0.4**	*0.17*	0.06	*0.03*	0	**-**	-	–	-
Italy, Trento	9	**0.6**	*0.19*	0.08	*0.03*	4	**0.2**	*0.11*	0.02	*0.01*
Italy, Turin	21	**0.5**	*0.14*	0.06	*0.01*	23	**0.4**	*0.11*	0.05	*0.01*
Italy, Umbria	25	**0.6**	*0.14*	0.07	*0.02*	15	**0.2**	*0.06*	0.03	*0.01*
Italy, Varese	33	**0.9**	*0.17*	0.10	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
Italy, Veneto	55	**0.7**	*0.09*	0.08	*0.01*	23	**0.2**	*0.05*	0.02	*0.01*
Latvia	50	**0.8**	*0.12*	0.09	*0.02*	27	**0.2**	*0.05*	0.03	*0.01*
Lithuania	92	**0.9**	*0.09*	0.10	*0.01*	52	**0.3**	*0.05*	0.03	*0.01*
Malta	10	**0.7**	*0.21*	0.05	*0.02*	7	**0.4**	*0.16*	0.04	*0.02*
*The Netherlands	497	**0.8**	*0.04*	0.10	*0.01*	250	**0.3**	*0.02*	0.04	*0.00*
*The Netherlands, Eindhoven	42	**1.0**	*0.16*	0.13	*0.02*	19	**0.5**	*0.13*	0.05	*0.01*
Norway	109	**0.6**	*0.06*	0.07	*0.01*	107	**0.5**	*0.05*	0.05	*0.01*
Poland, Cracow	7	**0.3**	*0.12*	0.04	*0.02*	5	**0.1**	*0.05*	0.01	*0.01*
Poland, Kielce	24	**0.5**	*0.11*	0.06	*0.02*	11	**0.2**	*0.05*	0.02	*0.01*
Poland, Lower Silesia	70	**0.8**	*0.09*	0.09	*0.01*	42	**0.3**	*0.05*	0.03	*0.01*
Poland, Podkarpackie	33	**0.5**	*0.09*	0.05	*0.01*	20	**0.2**	*0.05*	0.03	*0.01*
Portugal, Azores	6	**0.6**	*0.26*	0.08	*0.04*	0	**-**	-	–	-
Russian Federation, Saint Petersburg	80	**0.6**	*0.06*	0.07	*0.01*	74	**0.3**	*0.04*	0.03	*0.00*
*Serbia, Central	171	**0.8**	*0.07*	0.09	*0.01*	84	**0.3**	*0.04*	0.04	*0.00*
Slovakia	88	**0.6**	*0.06*	0.06	*0.01*	67	**0.3**	*0.05*	0.03	*0.00*
Slovenia	59	**0.8**	*0.12*	0.09	*0.01*	38	**0.4**	*0.07*	0.05	*0.01*
Spain, Albacete	8	**0.7**	*0.25*	0.07	*0.03*	1	**0.1**	*0.09*	0.01	*0.01*
Spain, Asturias	68	**1.5**	*0.20*	0.16	*0.02*	18	**0.3**	*0.07*	0.03	*0.01*
Spain, Basque Country	61	**0.7**	*0.10*	0.09	*0.01*	39	**0.3**	*0.06*	0.04	*0.01*
Spain, Canary Islands	25	**0.5**	*0.11*	0.06	*0.01*	11	**0.2**	*0.08*	0.02	*0.01*
Spain, Ciudad Real	5	**0.3**	*0.13*	0.04	*0.02*	3	**0.1**	*0.10*	0.01	*0.01*
Spain, Cuenca	6	**0.6**	*0.29*	0.07	*0.04*	2	**0.1**	*0.04*	–	-
Spain, Girona	14	**0.6**	*0.18*	0.07	*0.02*	8	**0.1**	*0.06*	0.01	*0.01*
*Spain, Granada	11	**0.3**	*0.10*	0.03	*0.01*	14	**0.4**	*0.13*	0.05	*0.01*
Spain, La Rioja	12	**1.0**	*0.30*	0.12	*0.04*	3	**0.1**	*0.04*	–	-
Spain, Mallorca	9	**0.4**	*0.14*	0.03	*0.01*	9	**0.3**	*0.11*	0.03	*0.01*
Spain, Murcia	21	**0.5**	*0.11*	0.06	*0.01*	9	**0.2**	*0.07*	0.03	*0.01*
Spain, Navarra	16	**0.5**	*0.14*	0.07	*0.02*	5	**0.1**	*0.08*	0.01	*0.01*
Spain, Tarragona	17	**0.6**	*0.15*	0.07	*0.02*	5	**0.2**	*0.08*	0.02	*0.01*
*Sweden	217	**0.6**	*0.04*	0.07	*0.01*	153	**0.3**	*0.03*	0.04	*0.00*
Switzerland, Basel	8	**0.4**	*0.16*	0.05	*0.02*	4	**0.1**	*0.07*	0.03	*0.02*
Switzerland, Geneva	18	**1.4**	*0.39*	0.13	*0.04*	8	**0.4**	*0.14*	0.05	*0.02*
Switzerland, Graubünden and Glarus	9	**1.0**	*0.37*	0.09	*0.04*	4	**0.3**	*0.18*	0.04	*0.02*
Switzerland, Neuchâtel	4	**0.5**	*0.29*	0.09	*0.05*	5	**0.9**	*0.45*	0.08	*0.04*
Switzerland, St Gall–Appenzell	4	**0.2**	*0.11*	0.03	*0.02*	11	**0.5**	*0.16*	0.06	*0.02*
Switzerland, Ticino	8	**0.5**	*0.18*	0.07	*0.03*	7	**0.3**	*0.15*	0.04	*0.02*
Switzerland, Valais	6	**0.5**	*0.21*	0.07	*0.03*	4	**0.3**	*0.15*	0.02	*0.01*
Switzerland, Vaud	17	**0.7**	*0.17*	0.07	*0.02*	10	**0.4**	*0.12*	0.06	*0.02*
Switzerland, Zurich	38	**0.8**	*0.13*	0.09	*0.02*	30	**0.6**	*0.12*	0.06	*0.01*
Ukraine	1264	**0.8**	*0.02*	0.10	*0.00*	782	**0.4**	*0.01*	0.04	*0.00*
UK, England	978	**0.5**	*0.02*	0.06	*0.00*	720	**0.3**	*0.01*	0.03	*0.00*
UK, England, East of England Region	103	**0.4**	*0.05*	0.05	*0.01*	84	**0.3**	*0.03*	0.03	*0.00*
UK, England, North Western	125	**0.5**	*0.05*	0.06	*0.01*	106	**0.3**	*0.04*	0.04	*0.00*
UK, England, Northern and Yorkshire	148	**0.5**	*0.05*	0.06	*0.01*	123	**0.4**	*0.04*	0.04	*0.00*
UK, England, Oxford Region	62	**0.6**	*0.07*	0.07	*0.01*	32	**0.3**	*0.05*	0.03	*0.01*
UK, England, South and Western Regions	146	**0.5**	*0.04*	0.05	*0.01*	100	**0.3**	*0.04*	0.04	*0.00*
UK, England, Thames	186	**0.4**	*0.03*	0.05	*0.00*	144	**0.3**	*0.03*	0.03	*0.00*
UK, England, Trent	56	**0.4**	*0.07*	0.05	*0.01*	40	**0.3**	*0.05*	0.03	*0.01*
UK, England, West Midlands	115	**0.6**	*0.06*	0.06	*0.01*	67	**0.3**	*0.04*	0.03	*0.00*
UK, Northern Ireland	38	**0.6**	*0.11*	0.07	*0.01*	34	**0.4**	*0.08*	0.04	*0.01*
UK, Scotland	101	**0.5**	*0.05*	0.06	*0.01*	75	**0.3**	*0.04*	0.03	*0.00*
UK, Wales	58	**0.5**	*0.07*	0.05	*0.01*	55	**0.4**	*0.06*	0.05	*0.01*
Oceania										
Australian Capital Territory	7	**0.7**	*0.27*	0.08	*0.04*	4	**0.3**	*0.15*	0.03	*0.02*
Australia, New South Wales	153	**0.6**	*0.05*	0.06	*0.01*	94	**0.3**	*0.04*	0.03	*0.00*
Australia, Northern Territory	3	**0.6**	*0.33*	0.07	*0.04*	3	**0.8**	*0.50*	0.11	*0.10*
Australia, Northern Territory: Indigenous	2	**2.9**	*2.11*	0.37	*0.26*	3	**3.3**	*1.99*	0.36	*0.31*
Australia, Northern Territory: Non–Indigenous	1	**0.2**	*0.24*	0.03	*0.03*	0	**-**	-	–	-
Australia, Queensland	76	**0.6**	*0.07*	0.06	*0.01*	42	**0.3**	*0.05*	0.03	*0.01*
South Australia	31	**0.5**	*0.09*	0.05	*0.01*	17	**0.3**	*0.07*	0.03	*0.01*
Australia, Tasmania	29	**1.5**	*0.29*	0.19	*0.04*	8	**0.4**	*0.14*	0.05	*0.02*
Australia, Victoria	139	**0.7**	*0.07*	0.09	*0.01*	61	**0.2**	*0.04*	0.03	*0.00*
Western Australia	50	**0.7**	*0.10*	0.09	*0.01*	26	**0.4**	*0.08*	0.04	*0.01*
New Zealand	64	**0.5**	*0.06*	0.06	*0.01*	46	**0.3**	*0.05*	0.04	*0.01*
New Zealand: Maori	11	**0.9**	*0.29*	0.13	*0.05*	8	**0.7**	*0.26*	0.09	*0.04*
New Zealand: Pacific Islander	2	**0.3**	*0.24*	0.03	*0.02*	4	**0.8**	*0.39*	0.11	*0.07*
New Zealand: Other	51	**0.4**	*0.06*	0.05	*0.01*	34	**0.2**	*0.05*	0.03	*0.01*
USA, Hawaii	39	**0.9**	*0.15*	0.12	*0.02*	24	**0.5**	*0.10*	0.05	*0.01*
*USA, Hawaii: Chinese	3	**1.3**	*0.82*	0.10	*0.07*	3	**1.1**	*0.62*	0.15	*0.09*
*USA, Hawaii: Filipino	9	**1.7**	*0.59*	0.20	*0.08*	5	**0.5**	*0.25*	0.03	*0.02*
*USA, Hawaii: Hawaiian	5	**0.9**	*0.43*	0.15	*0.08*	1	**0.1**	*0.15*	0.01	*0.01*
*USA, Hawaii: Japanese	6	**0.5**	*0.21*	0.09	*0.04*	6	**0.6**	*0.26*	0.06	*0.03*
*USA, Hawaii: White	9	**0.7**	*0.24*	0.09	*0.04*	7	**0.5**	*0.21*	0.07	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Larynx (C32)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	147	**6.3**	*0.54*	–	-	21	**0.8**	*0.17*	–	-
Egypt, Gharbiah	184	**2.8**	*0.21*	0.34	*0.03*	16	**0.2**	*0.06*	0.04	*0.01*
*Libya, Benghazi	66	**5.5**	*0.69*	0.63	*0.10*	8	**0.7**	*0.25*	0.09	*0.04*
*Malawi, Blantyre	5	**0.6**	*0.31*	0.08	*0.05*	2	**0.3**	*0.21*	0.04	*0.03*
*South Africa, PROMEC	49	**3.4**	*0.50*	0.44	*0.07*	9	**0.4**	*0.12*	0.04	*0.01*
*Tunisia, North	408	**6.0**	*0.30*	0.75	*0.04*	28	**0.4**	*0.08*	0.05	*0.01*
*Uganda, Kyadondo County	31	**2.5**	*0.53*	0.31	*0.08*	6	**0.2**	*0.11*	0.02	*0.01*
*Zimbabwe, Harare: African	40	**4.6**	*0.77*	0.49	*0.11*	6	**0.8**	*0.34*	0.08	*0.04*
America, Central and South										
Argentina, Bahía Blanca	45	**5.7**	*0.87*	0.71	*0.12*	10	**0.6**	*0.26*	0.05	*0.03*
Argentina, Córdoba	167	**6.5**	*0.51*	0.82	*0.07*	24	**0.7**	*0.14*	0.09	*0.02*
Argentina, Mendoza	232	**5.5**	*0.37*	0.66	*0.05*	23	**0.5**	*0.10*	0.06	*0.01*
*Argentina, Tierra del Fuego	5	**2.8**	*1.30*	0.37	*0.18*	0	**-**	-	–	-
Brazil, Aracaju	58	**10.7**	*1.45*	1.45	*0.23*	10	**1.2**	*0.40*	0.16	*0.06*
Brazil, Belo Horizonte	246	**9.7**	*0.62*	1.23	*0.09*	37	**1.0**	*0.16*	0.12	*0.02*
Brazil, Cuiabá	87	**9.7**	*1.08*	1.10	*0.15*	16	**1.3**	*0.34*	0.14	*0.05*
Brazil, Fortaleza	255	**9.2**	*0.59*	1.15	*0.09*	45	**1.1**	*0.17*	0.12	*0.02*
Brazil, Goiânia	143	**7.3**	*0.62*	0.93	*0.09*	35	**1.3**	*0.23*	0.16	*0.03*
*Brazil, São Paulo	2282	**10.6**	*0.23*	1.30	*0.03*	435	**1.5**	*0.08*	0.18	*0.01*
Chile, Region of Antofagasta	38	**3.4**	*0.56*	0.38	*0.08*	14	**1.1**	*0.31*	0.17	*0.05*
Chile, Bío Bío Province	12	**1.1**	*0.33*	0.14	*0.05*	1	**0.1**	*0.13*	0.01	*0.01*
Chile, Valdivia	19	**1.8**	*0.43*	0.27	*0.08*	3	**0.3**	*0.15*	0.03	*0.02*
Colombia, Bucaramanga	66	**3.3**	*0.41*	0.38	*0.06*	14	**0.5**	*0.14*	0.06	*0.02*
Colombia, Cali	169	**4.2**	*0.33*	0.53	*0.05*	36	**0.6**	*0.11*	0.07	*0.02*
Colombia, Manizales	37	**4.3**	*0.72*	0.58	*0.11*	6	**0.6**	*0.23*	0.06	*0.03*
Colombia, Pasto	16	**2.2**	*0.58*	0.29	*0.08*	1	**0.1**	*0.11*	0.01	*0.01*
Costa Rica	263	**3.0**	*0.19*	0.36	*0.03*	25	**0.3**	*0.05*	0.03	*0.01*
Cuba, Villa Clara	315	**13.1**	*0.76*	1.68	*0.11*	38	**1.5**	*0.25*	0.15	*0.03*
Ecuador, Cuenca	11	**1.3**	*0.41*	0.14	*0.05*	4	**0.4**	*0.18*	0.05	*0.03*
Ecuador, Quito	35	**1.2**	*0.21*	0.14	*0.03*	8	**0.2**	*0.08*	0.03	*0.01*
*France, Martinique	53	**3.8**	*0.54*	0.47	*0.08*	2	**0.1**	*0.08*	0.01	*0.01*
*Jamaica, Kingston and St Andrew	55	**4.2**	*0.58*	0.63	*0.10*	5	**0.3**	*0.16*	0.05	*0.02*
USA, Puerto Rico	668	**5.1**	*0.20*	0.66	*0.03*	74	**0.5**	*0.06*	0.05	*0.01*
Uruguay	450	**7.2**	*0.35*	0.92	*0.05*	44	**0.5**	*0.09*	0.06	*0.01*
America, North										
Canada	4495	**3.7**	*0.06*	0.48	*0.01*	982	**0.7**	*0.02*	0.10	*0.00*
Canada, Alberta	272	**2.6**	*0.16*	0.34	*0.02*	64	**0.5**	*0.07*	0.07	*0.01*
Canada, British Columbia	459	**2.7**	*0.13*	0.34	*0.02*	87	**0.5**	*0.05*	0.06	*0.01*
Canada, Manitoba	126	**2.9**	*0.27*	0.36	*0.04*	30	**0.6**	*0.11*	0.08	*0.02*
Canada, New Brunswick	130	**4.2**	*0.38*	0.53	*0.06*	24	**0.6**	*0.14*	0.07	*0.02*
Canada, Newfoundland and Labrador	98	**4.6**	*0.48*	0.59	*0.07*	14	**0.6**	*0.18*	0.08	*0.02*
*Canada, Northwest Territories	2	**1.3**	*0.92*	0.14	*0.10*	2	**2.4**	*1.82*	0.48	*0.42*
Canada, Nova Scotia	150	**4.0**	*0.34*	0.53	*0.05*	28	**0.7**	*0.14*	0.09	*0.02*
Canada, Ontario	1602	**3.5**	*0.09*	0.45	*0.01*	351	**0.7**	*0.04*	0.09	*0.01*
Canada, Prince Edward Island	26	**4.9**	*0.98*	0.66	*0.15*	3	**0.6**	*0.34*	0.10	*0.06*
*Canada, Quebec	1513	**5.1**	*0.13*	0.66	*0.02*	355	**1.0**	*0.06*	0.14	*0.01*
Canada, Saskatchewan	114	**3.0**	*0.29*	0.45	*0.05*	24	**0.6**	*0.13*	0.07	*0.02*
*Canada, Yukon	3	**3.9**	*2.36*	0.40	*0.34*	0	**-**	-	–	-
USA, NPCR (42 states)	43582	**4.9**	*0.02*	0.63	*0.00*	11230	**1.1**	*0.01*	0.14	*0.00*
USA, NPCR (42 states): American Indian	193	**3.0**	*0.22*	0.37	*0.03*	57	**0.8**	*0.11*	0.10	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	374	**1.2**	*0.06*	0.15	*0.01*	68	**0.2**	*0.02*	0.02	*0.00*
USA, NPCR (42 states): Black	6262	**7.8**	*0.10*	1.00	*0.02*	1580	**1.5**	*0.04*	0.19	*0.01*
USA, NPCR (42 states): White	36307	**4.7**	*0.03*	0.60	*0.00*	9451	**1.1**	*0.01*	0.14	*0.00*
USA, SEER (9 registries)	3713	**4.1**	*0.07*	0.52	*0.01*	954	**0.9**	*0.03*	0.12	*0.00*
*USA, SEER (9 registries): Black	553	**7.4**	*0.33*	0.97	*0.05*	150	**1.5**	*0.13*	0.19	*0.02*
*USA, SEER (9 registries): White	2965	**4.0**	*0.08*	0.51	*0.01*	779	**0.9**	*0.04*	0.12	*0.01*
USA, SEER (18 registries)	11362	**4.3**	*0.04*	0.56	*0.01*	2829	**0.9**	*0.02*	0.12	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	348	**1.6**	*0.09*	0.19	*0.01*	50	**0.2**	*0.03*	0.02	*0.00*
*USA, SEER (18 registries): Black	1696	**7.6**	*0.19*	1.00	*0.03*	399	**1.4**	*0.07*	0.17	*0.01*
*USA, SEER (18 registries): Hispanic White	840	**3.2**	*0.11*	0.41	*0.02*	141	**0.4**	*0.04*	0.06	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	8370	**4.4**	*0.05*	0.56	*0.01*	2216	**1.1**	*0.02*	0.14	*0.00*
*USA, SEER (18 registries): White	9210	**4.3**	*0.05*	0.54	*0.01*	2357	**1.0**	*0.02*	0.13	*0.00*
USA, Alabama	1035	**6.7**	*0.21*	0.84	*0.03*	284	**1.6**	*0.10*	0.19	*0.01*
USA, Alabama: Black	286	**9.9**	*0.60*	1.21	*0.08*	66	**1.6**	*0.21*	0.20	*0.03*
USA, Alabama: White	740	**5.9**	*0.22*	0.75	*0.03*	218	**1.6**	*0.12*	0.19	*0.01*
USA, Alaska	88	**4.9**	*0.54*	0.69	*0.09*	12	**0.7**	*0.20*	0.08	*0.02*
*USA, Alaska: American Indian	11	**4.3**	*1.32*	0.61	*0.22*	2	**1.0**	*0.69*	0.14	*0.10*
USA, Arizona	675	**3.3**	*0.13*	0.42	*0.02*	160	**0.7**	*0.06*	0.10	*0.01*
USA, Arizona: American Indian	6	**1.0**	*0.41*	0.11	*0.05*	0	**-**	-	–	-
USA, Arizona: Asian and Pacific Islander	4	**1.3**	*0.65*	0.11	*0.07*	0	**-**	-	–	-
USA, Arizona: Black	14	**2.7**	*0.74*	0.27	*0.10*	7	**1.5**	*0.56*	0.20	*0.09*
USA, Arizona: White	635	**3.3**	*0.14*	0.43	*0.02*	151	**0.7**	*0.06*	0.10	*0.01*
USA, Arkansas	618	**6.2**	*0.26*	0.76	*0.04*	163	**1.5**	*0.12*	0.20	*0.02*
USA, Arkansas: Black	87	**8.7**	*0.97*	1.08	*0.14*	18	**1.4**	*0.34*	0.14	*0.04*
USA, Arkansas: White	529	**6.0**	*0.27*	0.73	*0.04*	144	**1.5**	*0.13*	0.20	*0.02*
USA, California	3622	**3.3**	*0.06*	0.41	*0.01*	844	**0.7**	*0.02*	0.09	*0.00*
USA, California: American Indian	14	**1.2**	*0.33*	0.13	*0.04*	7	**0.5**	*0.18*	0.06	*0.03*
USA, California: Asian and Pacific Islander	185	**1.3**	*0.10*	0.15	*0.01*	27	**0.1**	*0.03*	0.02	*0.00*
USA, California: Black	330	**5.3**	*0.30*	0.72	*0.05*	99	**1.3**	*0.13*	0.17	*0.02*
USA, California: White	3036	**3.4**	*0.06*	0.43	*0.01*	707	**0.7**	*0.03*	0.09	*0.00*
USA, California, Los Angeles County	959	**3.4**	*0.11*	0.44	*0.02*	188	**0.6**	*0.04*	0.07	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	74	**1.6**	*0.20*	0.20	*0.03*	13	**0.2**	*0.06*	0.02	*0.01*
*USA, California, Los Angeles County: Black	144	**5.5**	*0.47*	0.72	*0.07*	38	**1.1**	*0.19*	0.16	*0.03*
*USA, California, Los Angeles County: Chinese	25	**1.5**	*0.32*	0.20	*0.06*	2	**0.2**	*0.11*	0.02	*0.01*
*USA, California, Los Angeles County: Filipino	15	**1.8**	*0.48*	0.22	*0.07*	5	**0.3**	*0.16*	0.02	*0.02*
*USA, California, Los Angeles County: Hispanic White	218	**3.2**	*0.22*	0.42	*0.04*	34	**0.4**	*0.06*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Larynx (C32) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	6	**1.3**	*0.65*	0.18	*0.09*	1	**0.0**	*0.04*	–	-
*USA, California, Los Angeles County: Korean	15	**2.4**	*0.63*	0.30	*0.09*	2	**0.3**	*0.20*	0.05	*0.04*
*USA, California, Los Angeles County: Non−Hispanic White	516	**3.8**	*0.18*	0.47	*0.03*	103	**0.7**	*0.08*	0.09	*0.01*
*USA, California, Los Angeles County: White	734	**3.5**	*0.14*	0.45	*0.02*	137	**0.6**	*0.05*	0.07	*0.01*
USA, California, San Francisco Bay Area	426	**2.9**	*0.15*	0.36	*0.02*	114	**0.7**	*0.07*	0.10	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	46	**1.4**	*0.21*	0.17	*0.03*	3	**0.1**	*0.05*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Black	72	**6.2**	*0.75*	0.80	*0.11*	29	**2.0**	*0.39*	0.28	*0.06*
*USA, California, San Francisco Bay Area: Hispanic White	41	**2.8**	*0.46*	0.33	*0.07*	12	**0.7**	*0.21*	0.09	*0.03*
*USA, California, San Francisco Bay Area: Non−Hispanic White	260	**2.9**	*0.19*	0.37	*0.03*	70	**0.7**	*0.09*	0.10	*0.02*
*USA, California, San Francisco Bay Area: White	301	**2.9**	*0.18*	0.36	*0.03*	82	**0.7**	*0.09*	0.10	*0.01*
USA, Colorado	420	**3.0**	*0.15*	0.41	*0.02*	129	**0.8**	*0.07*	0.10	*0.01*
USA, Colorado: Asian and Pacific Islander	3	**1.1**	*0.66*	0.14	*0.08*	1	**0.4**	*0.36*	0.06	*0.06*
USA, Colorado: Black	21	**5.1**	*1.13*	0.75	*0.19*	5	**1.0**	*0.44*	0.13	*0.07*
USA, Colorado: White	387	**2.9**	*0.15*	0.40	*0.02*	122	**0.8**	*0.08*	0.10	*0.01*
USA, Connecticut	569	**4.6**	*0.20*	0.58	*0.03*	148	**1.0**	*0.09*	0.13	*0.01*
*USA, Connecticut: Black	55	**7.2**	*0.99*	0.91	*0.14*	16	**1.5**	*0.38*	0.19	*0.05*
*USA, Connecticut: White	509	**4.5**	*0.21*	0.57	*0.03*	130	**1.0**	*0.09*	0.13	*0.01*
USA, Delaware	161	**5.4**	*0.44*	0.71	*0.07*	40	**1.2**	*0.20*	0.17	*0.03*
USA, Delaware: Black	33	**8.1**	*1.45*	0.95	*0.20*	7	**1.4**	*0.53*	0.18	*0.08*
USA, Delaware: White	128	**5.1**	*0.47*	0.69	*0.07*	33	**1.2**	*0.22*	0.17	*0.03*
USA, Florida	4172	**6.0**	*0.10*	0.77	*0.01*	929	**1.2**	*0.04*	0.15	*0.01*
USA, Florida: Asian and Pacific Islander	10	**0.9**	*0.29*	0.11	*0.04*	1	**0.1**	*0.10*	0.01	*0.01*
USA, Florida: Black	488	**7.9**	*0.36*	1.01	*0.05*	71	**0.9**	*0.11*	0.11	*0.01*
USA, Florida: White	3620	**5.8**	*0.10*	0.75	*0.01*	846	**1.2**	*0.05*	0.15	*0.01*
USA, Georgia	1591	**6.1**	*0.15*	0.77	*0.02*	365	**1.2**	*0.06*	0.16	*0.01*
USA, Georgia: Asian and Pacific Islander	11	**2.2**	*0.69*	0.29	*0.11*	2	**0.3**	*0.24*	0.05	*0.05*
USA, Georgia: Black	457	**8.3**	*0.40*	1.03	*0.06*	74	**1.0**	*0.12*	0.13	*0.02*
USA, Georgia: White	1120	**5.6**	*0.17*	0.71	*0.03*	288	**1.3**	*0.08*	0.17	*0.01*
USA, Georgia, Atlanta	379	**4.6**	*0.24*	0.57	*0.04*	91	**0.9**	*0.10*	0.11	*0.02*
*USA, Georgia, Atlanta: Black	150	**6.7**	*0.58*	0.83	*0.09*	26	**0.9**	*0.18*	0.11	*0.03*
*USA, Georgia, Atlanta: White	222	**3.9**	*0.27*	0.49	*0.04*	63	**1.0**	*0.13*	0.12	*0.02*
USA, Idaho	169	**3.5**	*0.28*	0.45	*0.04*	45	**0.9**	*0.14*	0.12	*0.02*
USA, Illinois	2198	**5.3**	*0.12*	0.66	*0.02*	550	**1.2**	*0.05*	0.15	*0.01*
USA, Illinois: Asian and Pacific Islander	12	**0.9**	*0.27*	0.13	*0.05*	4	**0.2**	*0.12*	0.02	*0.01*
USA, Illinois: Black	418	**9.3**	*0.46*	1.19	*0.07*	117	**1.8**	*0.17*	0.22	*0.02*
USA, Illinois: White	1743	**4.9**	*0.12*	0.61	*0.02*	424	**1.1**	*0.06*	0.14	*0.01*
USA, Indiana	1131	**5.5**	*0.17*	0.69	*0.02*	334	**1.4**	*0.08*	0.17	*0.01*
USA, Indiana: Black	105	**8.2**	*0.82*	0.98	*0.11*	32	**1.9**	*0.35*	0.23	*0.05*
USA, Indiana: White	1016	**5.3**	*0.17*	0.68	*0.02*	297	**1.3**	*0.08*	0.16	*0.01*
USA, Iowa	561	**5.2**	*0.23*	0.69	*0.03*	132	**1.2**	*0.11*	0.15	*0.01*
USA, Kentucky	988	**7.0**	*0.23*	0.88	*0.03*	305	**2.0**	*0.12*	0.26	*0.02*
USA, Louisiana	815	**7.3**	*0.26*	0.93	*0.04*	206	**1.6**	*0.11*	0.19	*0.02*
*USA, Louisiana: Black	293	**11.1**	*0.66*	1.42	*0.10*	53	**1.5**	*0.21*	0.17	*0.03*
*USA, Louisiana: White	517	**6.1**	*0.28*	0.79	*0.04*	152	**1.6**	*0.14*	0.20	*0.02*
*USA, Louisiana, New Orleans	176	**8.2**	*0.63*	1.04	*0.09*	47	**1.8**	*0.28*	0.23	*0.04*
*USA, Louisiana, New Orleans: Black	72	**11.1**	*1.34*	1.44	*0.20*	15	**1.7**	*0.45*	0.19	*0.05*
*USA, Louisiana, New Orleans: White	103	**7.2**	*0.73*	0.89	*0.10*	32	**1.9**	*0.36*	0.25	*0.05*
USA, Maine	278	**5.2**	*0.33*	0.66	*0.05*	81	**1.4**	*0.16*	0.19	*0.02*
USA, Massachusetts	1054	**4.7**	*0.15*	0.61	*0.02*	307	**1.2**	*0.07*	0.16	*0.01*
USA, Massachusetts: Asian and Pacific Islander	5	**0.8**	*0.38*	0.11	*0.07*	1	**0.2**	*0.19*	0.02	*0.02*
USA, Massachusetts: Black	36	**3.8**	*0.64*	0.46	*0.09*	17	**1.4**	*0.35*	0.23	*0.06*
USA, Massachusetts: White	1001	**4.8**	*0.16*	0.62	*0.02*	287	**1.2**	*0.08*	0.16	*0.01*
USA, Michigan	1815	**5.2**	*0.13*	0.66	*0.02*	488	**1.2**	*0.06*	0.15	*0.01*
USA, Michigan: Asian and Pacific Islander	3	**0.6**	*0.34*	0.05	*0.04*	0	**-**	-	–	-
USA, Michigan: Black	304	**8.9**	*0.52*	1.19	*0.08*	98	**2.1**	*0.22*	0.25	*0.03*
USA, Michigan: White	1485	**4.9**	*0.13*	0.61	*0.02*	383	**1.1**	*0.06*	0.14	*0.01*
USA, Michigan, Detroit	763	**5.8**	*0.22*	0.76	*0.03*	214	**1.4**	*0.10*	0.17	*0.01*
*USA, Michigan, Detroit: Black	235	**9.4**	*0.63*	1.27	*0.10*	74	**2.0**	*0.25*	0.24	*0.03*
*USA, Michigan, Detroit: White	519	**5.1**	*0.23*	0.65	*0.03*	138	**1.2**	*0.11*	0.15	*0.02*
USA, Mississippi	696	**7.7**	*0.30*	0.98	*0.04*	129	**1.2**	*0.11*	0.16	*0.02*
USA, Missouri	1062	**5.3**	*0.17*	0.67	*0.02*	297	**1.3**	*0.08*	0.17	*0.01*
USA, Missouri: Black	129	**8.1**	*0.73*	1.00	*0.11*	41	**1.9**	*0.31*	0.24	*0.04*
USA, Missouri: White	920	**5.0**	*0.17*	0.64	*0.02*	253	**1.3**	*0.08*	0.16	*0.01*
USA, Montana	127	**3.4**	*0.31*	0.43	*0.05*	48	**1.4**	*0.21*	0.20	*0.03*
USA, Montana: American Indian	5	**3.9**	*1.76*	0.53	*0.30*	2	**1.6**	*1.13*	0.29	*0.21*
USA, Nebraska	285	**4.7**	*0.29*	0.61	*0.04*	67	**1.0**	*0.13*	0.13	*0.02*
USA, Nebraska: Black	15	**10.2**	*2.70*	1.37	*0.42*	1	**0.7**	*0.74*	0.09	*0.09*
USA, Nebraska: White	268	**4.6**	*0.29*	0.60	*0.04*	65	**1.0**	*0.14*	0.13	*0.02*
USA, New Hampshire	226	**4.9**	*0.33*	0.63	*0.05*	52	**1.0**	*0.15*	0.14	*0.02*
USA, New Jersey	1430	**4.8**	*0.13*	0.60	*0.02*	358	**1.0**	*0.06*	0.13	*0.01*
*USA, New Jersey: Black	217	**7.3**	*0.50*	0.98	*0.08*	56	**1.3**	*0.18*	0.18	*0.03*
*USA, New Jersey: White	1179	**4.6**	*0.14*	0.58	*0.02*	294	**1.0**	*0.06*	0.13	*0.01*
USA, New Mexico	220	**3.3**	*0.23*	0.44	*0.04*	51	**0.7**	*0.10*	0.09	*0.02*
*USA, New Mexico: Hispanic White	68	**3.2**	*0.40*	0.45	*0.07*	13	**0.5**	*0.15*	0.07	*0.02*
*USA, New Mexico: Non−Hispanic White	146	**3.7**	*0.32*	0.48	*0.05*	38	**0.9**	*0.15*	0.12	*0.02*
*USA, New Mexico: White	214	**3.5**	*0.25*	0.47	*0.04*	51	**0.8**	*0.11*	0.10	*0.02*
USA, New York State	3240	**4.9**	*0.09*	0.63	*0.01*	901	**1.1**	*0.04*	0.14	*0.01*
USA, New York State: Asian and Pacific Islander	50	**1.3**	*0.19*	0.19	*0.03*	9	**0.2**	*0.07*	0.02	*0.01*
USA, New York State: Black	519	**6.3**	*0.28*	0.82	*0.04*	148	**1.3**	*0.11*	0.16	*0.01*
USA, New York State: White	2630	**4.9**	*0.10*	0.62	*0.01*	731	**1.1**	*0.05*	0.14	*0.01*
USA, North Carolina	1680	**5.8**	*0.14*	0.73	*0.02*	447	**1.4**	*0.07*	0.18	*0.01*
USA, North Carolina: American Indian	9	**3.4**	*1.16*	0.39	*0.17*	6	**1.9**	*0.79*	0.23	*0.10*
USA, North Carolina: Asian and Pacific Islander	3	**1.1**	*0.66*	0.11	*0.08*	0	**-**	-	–	-
USA, North Carolina: Black	442	**9.5**	*0.46*	1.16	*0.07*	94	**1.5**	*0.16*	0.19	*0.02*
USA, North Carolina: White	1217	**5.1**	*0.15*	0.65	*0.02*	345	**1.3**	*0.08*	0.18	*0.01*
USA, North Dakota	96	**3.9**	*0.43*	0.46	*0.06*	23	**1.0**	*0.23*	0.13	*0.03*
USA, Ohio	2163	**5.4**	*0.12*	0.68	*0.02*	636	**1.4**	*0.06*	0.18	*0.01*
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.1**	*0.14*	0.01	*0.01*
USA, Ohio: Black	234	**6.9**	*0.47*	0.90	*0.07*	81	**1.9**	*0.22*	0.25	*0.03*
USA, Ohio: White	1905	**5.3**	*0.12*	0.66	*0.02*	548	**1.4**	*0.06*	0.17	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Larynx (C32) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	636	**5.2**	*0.21*	0.68	*0.03*	199	**1.5**	*0.11*	0.18	*0.01*
USA, Oklahoma: American Indian	54	**7.0**	*0.97*	0.90	*0.15*	16	**1.9**	*0.48*	0.25	*0.07*
USA, Oklahoma: Black	41	**6.4**	*1.02*	0.80	*0.15*	15	**1.9**	*0.51*	0.24	*0.08*
USA, Oklahoma: White	537	**5.0**	*0.22*	0.66	*0.03*	166	**1.4**	*0.12*	0.18	*0.02*
USA, Oregon	460	**3.5**	*0.17*	0.45	*0.03*	152	**1.0**	*0.09*	0.14	*0.01*
USA, Oregon: Asian and Pacific Islander	3	**1.1**	*0.61*	0.14	*0.10*	4	**1.1**	*0.55*	0.12	*0.06*
USA, Oregon: Black	5	**2.8**	*1.32*	0.43	*0.23*	1	**0.8**	*0.83*	0.10	*0.10*
USA, Oregon: White	441	**3.5**	*0.17*	0.45	*0.03*	145	**1.0**	*0.09*	0.14	*0.01*
USA, Pennsylvania	2490	**5.3**	*0.11*	0.67	*0.02*	669	**1.2**	*0.05*	0.16	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	9	**1.4**	*0.48*	0.20	*0.07*	1	**0.1**	*0.11*	–	-
USA, Pennsylvania: Black	275	**8.6**	*0.53*	1.13	*0.08*	93	**2.1**	*0.23*	0.29	*0.03*
USA, Pennsylvania: White	2172	**5.0**	*0.11*	0.63	*0.02*	568	**1.2**	*0.05*	0.15	*0.01*
USA, Rhode Island	221	**5.8**	*0.41*	0.72	*0.06*	54	**1.2**	*0.18*	0.17	*0.03*
USA, Rhode Island: Black	6	**4.8**	*2.03*	0.53	*0.26*	1	**0.5**	*0.54*	0.05	*0.05*
USA, Rhode Island: White	215	**5.9**	*0.43*	0.75	*0.06*	52	**1.2**	*0.19*	0.17	*0.03*
USA, South Carolina	1011	**7.0**	*0.22*	0.86	*0.03*	210	**1.3**	*0.09*	0.16	*0.01*
USA, South Carolina: Black	336	**10.7**	*0.59*	1.34	*0.09*	68	**1.6**	*0.21*	0.21	*0.03*
USA, South Carolina: White	668	**5.9**	*0.24*	0.74	*0.03*	141	**1.2**	*0.10*	0.14	*0.01*
USA, South Dakota	93	**3.2**	*0.35*	0.43	*0.05*	34	**1.1**	*0.21*	0.14	*0.03*
USA, Tennessee	1316	**6.4**	*0.18*	0.80	*0.03*	350	**1.5**	*0.08*	0.20	*0.01*
USA, Tennessee: Black	188	**8.3**	*0.63*	1.00	*0.09*	56	**1.8**	*0.25*	0.26	*0.04*
USA, Tennessee: White	1122	**6.2**	*0.19*	0.78	*0.03*	293	**1.5**	*0.09*	0.19	*0.01*
USA, Texas	3329	**5.1**	*0.09*	0.65	*0.01*	755	**1.0**	*0.04*	0.13	*0.01*
USA, Texas: Asian and Pacific Islander	10	**0.6**	*0.20*	0.08	*0.03*	4	**0.2**	*0.10*	0.04	*0.02*
USA, Texas: Black	512	**8.8**	*0.40*	1.14	*0.06*	124	**1.7**	*0.15*	0.22	*0.02*
USA, Texas: White	2747	**4.8**	*0.09*	0.61	*0.01*	618	**1.0**	*0.04*	0.12	*0.01*
USA, Utah	117	**1.8**	*0.17*	0.22	*0.03*	35	**0.5**	*0.09*	0.07	*0.01*
USA, Vermont	123	**5.0**	*0.47*	0.57	*0.07*	39	**1.5**	*0.25*	0.19	*0.04*
USA, Virginia	1208	**4.9**	*0.14*	0.63	*0.02*	312	**1.1**	*0.06*	0.14	*0.01*
USA, Virginia: Asian and Pacific Islander	11	**1.3**	*0.40*	0.16	*0.06*	1	**0.1**	*0.07*	0.01	*0.01*
USA, Virginia: Black	279	**7.5**	*0.46*	0.92	*0.07*	71	**1.4**	*0.18*	0.18	*0.03*
USA, Virginia: White	905	**4.5**	*0.15*	0.59	*0.02*	240	**1.1**	*0.07*	0.14	*0.01*
USA, Washington State	714	**3.3**	*0.13*	0.42	*0.02*	214	**0.9**	*0.06*	0.12	*0.01*
USA, Washington, Seattle	522	**3.6**	*0.16*	0.47	*0.03*	149	**0.9**	*0.08*	0.12	*0.01*
USA, West Virginia	447	**6.4**	*0.31*	0.80	*0.04*	135	**1.8**	*0.16*	0.22	*0.02*
USA, Wisconsin	918	**4.6**	*0.16*	0.59	*0.02*	215	**1.0**	*0.07*	0.14	*0.01*
USA, Wisconsin: Black	63	**11.2**	*1.46*	1.57	*0.24*	14	**1.8**	*0.51*	0.20	*0.06*
USA, Wisconsin: White	839	**4.4**	*0.16*	0.56	*0.02*	197	**1.0**	*0.07*	0.13	*0.01*
USA, Wyoming	72	**3.9**	*0.47*	0.45	*0.07*	19	**0.9**	*0.21*	0.10	*0.03*
Asia										
Bahrain: Bahraini	23	**3.5**	*0.74*	0.45	*0.11*	2	**0.2**	*0.19*	0.03	*0.03*
China, Beijing City	577	**2.0**	*0.09*	0.25	*0.01*	87	**0.3**	*0.03*	0.04	*0.00*
*China, Cixian County	45	**4.0**	*0.60*	0.53	*0.09*	10	**0.9**	*0.30*	0.11	*0.04*
China, Haining County	17	**0.9**	*0.21*	0.11	*0.03*	2	**0.1**	*0.06*	0.01	*0.01*
*China, Harbin City, Nangang District	111	**3.9**	*0.38*	0.49	*0.05*	16	**0.5**	*0.11*	0.06	*0.02*
China, Hong Kong	920	**3.6**	*0.12*	0.46	*0.02*	53	**0.2**	*0.03*	0.03	*0.00*
China, Jiashan County	31	**2.0**	*0.38*	0.21	*0.05*	1	**0.1**	*0.09*	0.01	*0.01*
China, Jiaxing City	24	**2.0**	*0.42*	0.27	*0.07*	1	**0.1**	*0.05*	–	-
China, Macao	38	**3.0**	*0.50*	0.36	*0.08*	4	**0.2**	*0.09*	0.01	*0.01*
China, Qidong County	45	**1.1**	*0.16*	0.14	*0.02*	8	**0.1**	*0.05*	0.01	*0.01*
*China, Shanghai City	686	**2.4**	*0.09*	0.28	*0.01*	71	**0.2**	*0.02*	0.02	*0.00*
*China, Wuhan City	509	**3.6**	*0.16*	0.46	*0.02*	74	**0.5**	*0.06*	0.05	*0.01*
*China, Yangcheng County	14	**1.6**	*0.45*	0.27	*0.08*	4	**0.4**	*0.19*	0.04	*0.02*
*China, Yanting County	20	**1.2**	*0.28*	0.12	*0.03*	1	**0.1**	*0.07*	0.01	*0.01*
*China, Zhongshan City	147	**5.5**	*0.46*	0.69	*0.06*	5	**0.1**	*0.07*	0.01	*0.01*
*India, Bangalore	257	**3.7**	*0.24*	0.49	*0.04*	33	**0.5**	*0.09*	0.06	*0.01*
*India; Barshi, Paranda, and Bhum	32	**2.2**	*0.42*	0.25	*0.05*	3	**0.2**	*0.14*	0.03	*0.02*
*India, Bhopal	113	**5.3**	*0.51*	0.65	*0.07*	15	**0.7**	*0.19*	0.08	*0.03*
*India, Chennai	454	**4.7**	*0.22*	0.62	*0.03*	72	**0.7**	*0.09*	0.09	*0.01*
*India, Dindigul, Ambilikkai	103	**2.2**	*0.22*	0.27	*0.03*	12	**0.2**	*0.07*	0.03	*0.01*
*India, Karunagappally	54	**5.3**	*0.73*	0.70	*0.11*	5	**0.4**	*0.19*	0.06	*0.03*
*India, Mizoram	50	**2.9**	*0.43*	0.31	*0.05*	16	**1.0**	*0.26*	0.10	*0.03*
*India, Mumbai	1278	**5.4**	*0.15*	0.67	*0.02*	183	**0.8**	*0.06*	0.09	*0.01*
*India, New Delhi	1910	**8.0**	*0.19*	1.02	*0.03*	243	**1.1**	*0.07*	0.13	*0.01*
*India, Poona	322	**4.6**	*0.26*	0.54	*0.04*	60	**0.8**	*0.11*	0.09	*0.01*
*India, Sikkim State	52	**6.0**	*0.87*	0.69	*0.12*	27	**4.0**	*0.78*	0.59	*0.13*
*India, Trivandrum	107	**6.9**	*0.67*	0.88	*0.10*	5	**0.3**	*0.13*	0.03	*0.01*
*Iran (Islamic Republic of), Golestan Province	64	**4.1**	*0.54*	0.54	*0.08*	22	**1.4**	*0.32*	0.18	*0.04*
Israel	778	**4.3**	*0.16*	0.52	*0.02*	127	**0.6**	*0.06*	0.07	*0.01*
*Israel: Jews	666	**4.1**	*0.17*	0.49	*0.02*	117	**0.6**	*0.06*	0.07	*0.01*
*Israel: Non–Jews	112	**6.4**	*0.62*	0.80	*0.09*	10	**0.6**	*0.19*	0.09	*0.03*
Japan, Aichi Prefecture	159	**2.5**	*0.21*	0.32	*0.03*	5	**0.1**	*0.03*	0.01	*0.00*
Japan, Fukui Prefecture	113	**2.5**	*0.26*	0.32	*0.04*	7	**0.1**	*0.04*	0.01	*0.01*
Japan, Hiroshima	214	**4.0**	*0.28*	0.52	*0.04*	26	**0.4**	*0.08*	0.05	*0.01*
Japan, Miyagi Prefecture	377	**3.2**	*0.17*	0.40	*0.02*	25	**0.2**	*0.04*	0.02	*0.00*
Japan, Nagasaki Prefecture	266	**3.3**	*0.22*	0.41	*0.03*	18	**0.2**	*0.05*	0.02	*0.01*
Japan, Niigata Prefecture	412	**2.9**	*0.16*	0.38	*0.02*	18	**0.1**	*0.03*	0.01	*0.00*
*Japan, Osaka Prefecture	1196	**2.6**	*0.08*	0.33	*0.01*	97	**0.2**	*0.02*	0.02	*0.00*
Japan, Saga Prefecture	129	**2.9**	*0.28*	0.39	*0.04*	4	**0.1**	*0.04*	0.01	*0.01*
Republic of Korea	5113	**4.1**	*0.06*	0.53	*0.01*	408	**0.2**	*0.01*	0.03	*0.00*
Republic of Korea, Busan	408	**4.2**	*0.21*	0.56	*0.03*	33	**0.2**	*0.04*	0.03	*0.01*
Republic of Korea, Daegu	271	**4.6**	*0.28*	0.61	*0.04*	21	**0.2**	*0.05*	0.01	*0.01*
Republic of Korea, Daejeon	138	**4.5**	*0.39*	0.62	*0.06*	7	**0.2**	*0.07*	0.02	*0.01*
Republic of Korea, Gwangju	113	**3.6**	*0.35*	0.46	*0.05*	11	**0.2**	*0.08*	0.04	*0.01*
Republic of Korea, Incheon	227	**4.1**	*0.28*	0.54	*0.04*	17	**0.2**	*0.06*	0.03	*0.01*
Republic of Korea, Jejudo	61	**5.2**	*0.67*	0.61	*0.09*	2	**0.1**	*0.07*	0.02	*0.02*
Republic of Korea, Seoul	894	**3.6**	*0.12*	0.46	*0.02*	64	**0.2**	*0.03*	0.03	*0.00*
Republic of Korea, Ulsan	94	**4.9**	*0.53*	0.59	*0.08*	8	**0.3**	*0.11*	0.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Larynx (C32) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	61	**1.8**	*0.28*	0.26	*0.05*	12	**0.6**	*0.19*	0.06	*0.03*
*Kuwait: Kuwaitis	25	**2.3**	*0.47*	0.34	*0.08*	3	**0.2**	*0.14*	0.02	*0.02*
*Kuwait: Non−Kuwaitis	36	**1.3**	*0.30*	0.20	*0.06*	9	**1.4**	*0.52*	0.15	*0.08*
*Malaysia, Penang	73	**3.5**	*0.41*	0.44	*0.06*	5	**0.2**	*0.08*	0.01	*0.01*
*Malaysia, Penang: Chinese	50	**3.8**	*0.55*	0.47	*0.08*	3	**0.2**	*0.09*	0.01	*0.01*
*Malaysia, Penang: Indian	12	**5.3**	*1.63*	0.64	*0.24*	2	**0.8**	*0.60*	0.10	*0.08*
*Malaysia, Penang: Malay	11	**1.7**	*0.54*	0.28	*0.10*	0	**-**	-	–	-
*Philippines, Manila	400	**5.9**	*0.31*	0.79	*0.05*	69	**0.7**	*0.09*	0.10	*0.01*
*Philippines, Rizal	326	**4.4**	*0.26*	0.58	*0.04*	55	**0.6**	*0.08*	0.07	*0.01*
Qatar: Qatari	16	**6.5**	*1.73*	0.78	*0.24*	1	**0.3**	*0.31*	–	-
*Saudi Arabia, Riyadh: Saudi	73	**1.7**	*0.20*	0.21	*0.03*	6	**0.1**	*0.05*	0.01	*0.00*
Singapore	353	**3.7**	*0.20*	0.42	*0.03*	33	**0.3**	*0.05*	0.03	*0.01*
Singapore: Chinese	302	**4.0**	*0.23*	0.46	*0.03*	24	**0.2**	*0.05*	0.03	*0.01*
Singapore: Indian	22	**3.1**	*0.70*	0.36	*0.10*	2	**0.3**	*0.20*	0.05	*0.04*
Singapore: Malay	24	**2.1**	*0.44*	0.15	*0.05*	6	**0.5**	*0.23*	0.02	*0.01*
Thailand, Bangkok	443	**3.4**	*0.17*	0.40	*0.02*	53	**0.3**	*0.04*	0.03	*0.01*
Thailand, Chiang Mai	93	**2.0**	*0.22*	0.21	*0.03*	30	**0.7**	*0.13*	0.09	*0.02*
Thailand, Chonburi	109	**4.6**	*0.45*	0.58	*0.06*	13	**0.4**	*0.11*	0.04	*0.01*
*Thailand, Khon Kaen	47	**1.2**	*0.18*	0.15	*0.03*	4	**0.1**	*0.04*	–	-
Thailand, Lampang	44	**1.9**	*0.30*	0.24	*0.04*	16	**0.6**	*0.16*	0.08	*0.03*
*Thailand, Songkhla	94	**3.7**	*0.38*	0.43	*0.06*	5	**0.2**	*0.08*	0.03	*0.01*
*Turkey, Antalya	254	**6.8**	*0.43*	0.84	*0.06*	23	**0.6**	*0.13*	0.07	*0.02*
*Turkey, Edirne	110	**11.2**	*1.08*	1.31	*0.14*	7	**0.7**	*0.27*	0.11	*0.04*
*Turkey, Izmir	1092	**11.7**	*0.36*	1.46	*0.05*	77	**0.7**	*0.09*	0.09	*0.01*
*Turkey, Trabzon	112	**10.2**	*0.98*	1.30	*0.14*	2	**0.2**	*0.11*	0.01	*0.01*
Europe										
Austria	1346	**4.3**	*0.12*	0.54	*0.02*	185	**0.5**	*0.04*	0.06	*0.01*
Austria, Tyrol	116	**4.6**	*0.44*	0.60	*0.06*	12	**0.5**	*0.14*	0.05	*0.02*
Austria, Vorarlberg	80	**6.4**	*0.72*	0.79	*0.10*	8	**0.6**	*0.20*	0.08	*0.03*
*Belarus	2771	**9.5**	*0.18*	1.19	*0.03*	89	**0.2**	*0.02*	0.02	*0.00*
*Belgium	2351	**7.1**	*0.15*	0.89	*0.02*	337	**0.9**	*0.05*	0.11	*0.01*
Bulgaria	2965	**10.1**	*0.19*	1.26	*0.02*	156	**0.4**	*0.04*	0.05	*0.00*
Croatia	1831	**10.8**	*0.26*	1.36	*0.03*	157	**0.8**	*0.07*	0.09	*0.01*
Cyprus	89	**3.5**	*0.38*	0.46	*0.06*	10	**0.3**	*0.11*	0.05	*0.02*
Czech Republic	2449	**6.4**	*0.13*	0.80	*0.02*	228	**0.5**	*0.03*	0.06	*0.00*
Denmark	1030	**4.7**	*0.15*	0.60	*0.02*	232	**1.0**	*0.07*	0.12	*0.01*
*Estonia	290	**6.5**	*0.39*	0.85	*0.05*	25	**0.4**	*0.09*	0.05	*0.01*
Finland	517	**2.4**	*0.11*	0.30	*0.02*	61	**0.2**	*0.03*	0.03	*0.00*
*France, Bas−Rhin	224	**5.8**	*0.40*	0.72	*0.06*	27	**0.7**	*0.13*	0.08	*0.02*
*France, Calvados	160	**6.6**	*0.55*	0.82	*0.07*	21	**0.7**	*0.16*	0.07	*0.02*
*France, Doubs	140	**7.3**	*0.64*	0.97	*0.09*	12	**0.6**	*0.19*	0.06	*0.02*
*France, Haut−Rhin	148	**5.4**	*0.46*	0.69	*0.06*	22	**0.7**	*0.15*	0.08	*0.02*
*France, Hérault	266	**7.1**	*0.45*	0.86	*0.06*	28	**0.6**	*0.13*	0.07	*0.02*
*France, Isère	252	**6.0**	*0.39*	0.75	*0.05*	34	**0.7**	*0.13*	0.08	*0.02*
*France, Loire−Atlantique	360	**8.3**	*0.45*	1.02	*0.06*	39	**0.9**	*0.14*	0.10	*0.02*
*France, Manche	136	**7.1**	*0.64*	0.85	*0.08*	17	**0.9**	*0.22*	0.11	*0.03*
*France, Somme	193	**9.7**	*0.72*	1.26	*0.10*	13	**0.6**	*0.17*	0.07	*0.02*
*France, Tarn	88	**5.0**	*0.58*	0.62	*0.08*	9	**0.6**	*0.20*	0.07	*0.03*
*France, Vendée	155	**6.0**	*0.51*	0.72	*0.07*	13	**0.5**	*0.16*	0.07	*0.02*
Germany, Brandenburg	584	**5.1**	*0.22*	0.64	*0.03*	57	**0.5**	*0.07*	0.05	*0.01*
Germany, Bremen	183	**6.5**	*0.49*	0.80	*0.07*	24	**0.8**	*0.17*	0.10	*0.02*
Germany, Free State of Saxony	831	**4.2**	*0.15*	0.52	*0.02*	80	**0.4**	*0.05*	0.04	*0.01*
Germany, Hamburg	357	**5.2**	*0.28*	0.64	*0.04*	83	**1.0**	*0.12*	0.12	*0.02*
Germany, Mecklenburg−Western Pomerania	414	**5.5**	*0.28*	0.68	*0.04*	43	**0.5**	*0.09*	0.06	*0.01*
Germany, Munich	602	**3.8**	*0.16*	0.48	*0.02*	89	**0.5**	*0.06*	0.06	*0.01*
Germany, North Rhine−Westphalia	550	**5.1**	*0.22*	0.65	*0.03*	101	**0.9**	*0.09*	0.10	*0.01*
Germany, Saarland	297	**6.4**	*0.38*	0.80	*0.05*	34	**0.8**	*0.14*	0.09	*0.02*
Germany, Schleswig−Holstein	668	**5.3**	*0.21*	0.64	*0.03*	102	**0.7**	*0.08*	0.08	*0.01*
Iceland	23	**1.9**	*0.42*	0.17	*0.05*	2	**0.2**	*0.15*	0.02	*0.02*
Ireland	591	**4.5**	*0.19*	0.56	*0.03*	103	**0.7**	*0.07*	0.08	*0.01*
Italy, Biella	74	**6.8**	*0.84*	0.87	*0.13*	9	**0.9**	*0.32*	0.11	*0.04*
Italy, Brescia	331	**9.2**	*0.52*	1.17	*0.07*	41	**1.2**	*0.20*	0.12	*0.02*
Italy, Catania and Messina	287	**7.2**	*0.44*	0.89	*0.06*	22	**0.4**	*0.10*	0.05	*0.01*
Italy, Catanzaro	74	**7.6**	*0.93*	0.96	*0.13*	6	**0.4**	*0.19*	0.05	*0.03*
Italy, Como	158	**6.5**	*0.54*	0.81	*0.07*	19	**0.6**	*0.16*	0.07	*0.02*
Italy, Ferrara	154	**7.7**	*0.67*	1.00	*0.10*	15	**0.6**	*0.17*	0.07	*0.02*
Italy, Florence and Prato	265	**7.3**	*0.48*	0.91	*0.07*	32	**0.8**	*0.16*	0.11	*0.02*
Italy, Friuli−Venezia Giulia	541	**9.2**	*0.41*	1.15	*0.06*	82	**1.3**	*0.16*	0.16	*0.02*
Italy, Genoa	311	**7.9**	*0.49*	0.98	*0.07*	49	**1.0**	*0.17*	0.12	*0.02*
Italy, Latina	142	**6.1**	*0.54*	0.71	*0.07*	19	**0.9**	*0.24*	0.10	*0.03*
Italy, Lecco	87	**6.0**	*0.66*	0.80	*0.10*	16	**1.0**	*0.26*	0.12	*0.04*
Italy, Lombardy, South	216	**10.6**	*0.75*	1.31	*0.10*	18	**0.7**	*0.18*	0.09	*0.03*
Italy, Mantua	119	**10.9**	*1.05*	1.44	*0.15*	9	**0.5**	*0.19*	0.07	*0.03*
Italy, Milan	365	**7.3**	*0.41*	0.91	*0.06*	52	**0.7**	*0.11*	0.10	*0.02*
Italy, Modena	208	**6.3**	*0.47*	0.80	*0.07*	25	**0.8**	*0.18*	0.09	*0.02*
Italy, Naples	178	**10.2**	*0.78*	1.16	*0.10*	18	**1.0**	*0.23*	0.12	*0.03*
Italy, Nuoro	69	**6.7**	*0.84*	0.88	*0.12*	6	**0.5**	*0.24*	0.05	*0.03*
Italy, Palermo	279	**7.1**	*0.45*	0.86	*0.06*	41	**0.9**	*0.16*	0.10	*0.02*
Italy, Parma	141	**6.8**	*0.62*	0.88	*0.09*	18	**0.8**	*0.22*	0.09	*0.03*
Italy, Ragusa	55	**4.5**	*0.65*	0.57	*0.09*	2	**0.1**	*0.06*	0.01	*0.01*
Italy, Reggio Emilia	184	**8.3**	*0.65*	1.07	*0.09*	22	**0.7**	*0.16*	0.08	*0.02*
Italy, Romagna	397	**7.0**	*0.37*	0.91	*0.05*	55	**0.8**	*0.12*	0.09	*0.02*
Italy, Salerno	344	**7.7**	*0.44*	0.97	*0.06*	33	**0.7**	*0.13*	0.09	*0.02*
Italy, Sassari	159	**8.1**	*0.66*	1.04	*0.09*	14	**0.7**	*0.20*	0.08	*0.02*
Italy, Sondrio	103	**12.7**	*1.30*	1.61	*0.18*	11	**1.0**	*0.35*	0.16	*0.06*
Italy, South Tyrol	92	**5.8**	*0.63*	0.78	*0.09*	10	**0.5**	*0.18*	0.08	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Larynx (C32) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	122	**7.6**	*0.71*	1.01	*0.10*	7	**0.4**	*0.16*	0.05	*0.02*
Italy, Trapani	116	**7.9**	*0.78*	1.02	*0.11*	3	**0.2**	*0.12*	0.03	*0.02*
Italy, Trento	120	**7.1**	*0.67*	0.91	*0.10*	14	**0.8**	*0.22*	0.11	*0.03*
Italy, Turin	338	**7.4**	*0.43*	0.95	*0.06*	41	**0.8**	*0.14*	0.10	*0.02*
Italy, Umbria	297	**6.6**	*0.42*	0.81	*0.06*	21	**0.5**	*0.13*	0.06	*0.01*
Italy, Varese	293	**7.7**	*0.47*	0.98	*0.07*	26	**0.6**	*0.13*	0.08	*0.02*
Italy, Veneto	727	**8.7**	*0.34*	1.11	*0.05*	76	**0.7**	*0.09*	0.09	*0.01*
Latvia	503	**8.5**	*0.38*	1.08	*0.05*	39	**0.4**	*0.07*	0.05	*0.01*
Lithuania	959	**9.1**	*0.30*	1.14	*0.04*	52	**0.3**	*0.05*	0.04	*0.01*
Malta	80	**5.1**	*0.58*	0.62	*0.08*	11	**0.7**	*0.22*	0.08	*0.03*
*The Netherlands	2952	**4.6**	*0.09*	0.57	*0.01*	589	**0.8**	*0.04*	0.11	*0.01*
*The Netherlands, Eindhoven	195	**4.7**	*0.34*	0.58	*0.05*	38	**0.9**	*0.15*	0.11	*0.02*
Norway	484	**2.7**	*0.13*	0.35	*0.02*	77	**0.4**	*0.05*	0.05	*0.01*
Poland, Cracow	159	**7.5**	*0.61*	0.94	*0.08*	25	**0.7**	*0.16*	0.09	*0.02*
Poland, Kielce	401	**9.0**	*0.46*	1.17	*0.07*	42	**0.8**	*0.13*	0.09	*0.02*
Poland, Lower Silesia	901	**9.4**	*0.32*	1.18	*0.05*	157	**1.3**	*0.11*	0.16	*0.01*
Poland, Podkarpackie	599	**9.1**	*0.38*	1.13	*0.05*	50	**0.6**	*0.09*	0.07	*0.01*
Portugal, Azores	104	**14.9**	*1.48*	1.84	*0.19*	3	**0.4**	*0.24*	0.05	*0.03*
Russian Federation, Saint Petersburg	865	**6.0**	*0.21*	0.75	*0.03*	63	**0.3**	*0.04*	0.03	*0.00*
*Serbia, Central	2556	**11.7**	*0.24*	1.45	*0.03*	326	**1.4**	*0.08*	0.16	*0.01*
Slovakia	1412	**8.5**	*0.23*	1.07	*0.03*	91	**0.4**	*0.05*	0.05	*0.01*
Slovenia	480	**6.3**	*0.29*	0.80	*0.04*	53	**0.6**	*0.09*	0.07	*0.01*
Spain, Albacete	130	**8.9**	*0.84*	1.10	*0.11*	6	**0.4**	*0.19*	0.05	*0.02*
Spain, Asturias	584	**12.7**	*0.55*	1.61	*0.07*	32	**0.6**	*0.12*	0.06	*0.01*
Spain, Basque Country	1139	**13.1**	*0.40*	1.61	*0.05*	74	**0.8**	*0.10*	0.09	*0.01*
Spain, Canary Islands	416	**9.6**	*0.48*	1.24	*0.07*	24	**0.5**	*0.10*	0.05	*0.01*
Spain, Ciudad Real	166	**11.2**	*0.94*	1.46	*0.13*	8	**0.5**	*0.19*	0.06	*0.02*
Spain, Cuenca	97	**10.0**	*1.15*	1.20	*0.15*	2	**0.1**	*0.07*	0.01	*0.01*
Spain, Girona	229	**9.4**	*0.65*	1.18	*0.09*	6	**0.2**	*0.09*	0.03	*0.01*
*Spain, Granada	299	**9.8**	*0.60*	1.29	*0.08*	13	**0.4**	*0.12*	0.05	*0.01*
Spain, La Rioja	128	**10.4**	*0.98*	1.20	*0.13*	8	**0.5**	*0.20*	0.05	*0.02*
Spain, Mallorca	258	**9.6**	*0.61*	1.22	*0.09*	17	**0.5**	*0.15*	0.05	*0.02*
Spain, Murcia	498	**11.2**	*0.53*	1.36	*0.07*	30	**0.6**	*0.12*	0.07	*0.02*
Spain, Navarra	263	**11.0**	*0.71*	1.32	*0.09*	14	**0.6**	*0.17*	0.07	*0.02*
Spain, Tarragona	264	**9.9**	*0.64*	1.20	*0.08*	15	**0.6**	*0.15*	0.07	*0.02*
*Sweden	785	**1.9**	*0.07*	0.23	*0.01*	150	**0.3**	*0.03*	0.04	*0.00*
Switzerland, Basel	46	**2.4**	*0.37*	0.29	*0.05*	5	**0.2**	*0.11*	0.03	*0.02*
Switzerland, Geneva	65	**3.9**	*0.51*	0.52	*0.08*	18	**0.8**	*0.21*	0.10	*0.03*
Switzerland, Graubünden and Glarus	46	**4.9**	*0.74*	0.57	*0.10*	6	**0.6**	*0.25*	0.06	*0.03*
Switzerland, Neuchâtel	25	**3.4**	*0.72*	0.39	*0.10*	4	**0.4**	*0.22*	0.04	*0.03*
Switzerland, St Gall−Appenzell	69	**3.3**	*0.41*	0.44	*0.06*	8	**0.3**	*0.12*	0.04	*0.02*
Switzerland, Ticino	107	**7.5**	*0.75*	1.01	*0.11*	14	**0.9**	*0.25*	0.12	*0.04*
Switzerland, Valais	61	**5.4**	*0.71*	0.67	*0.10*	5	**0.3**	*0.13*	0.03	*0.02*
Switzerland, Vaud	118	**4.8**	*0.45*	0.61	*0.07*	21	**0.6**	*0.15*	0.08	*0.02*
Switzerland, Zurich	195	**3.8**	*0.28*	0.50	*0.04*	26	**0.5**	*0.09*	0.06	*0.01*
Ukraine	12912	**8.6**	*0.08*	1.07	*0.01*	555	**0.3**	*0.01*	0.03	*0.00*
UK, England	7210	**3.5**	*0.04*	0.44	*0.01*	1504	**0.6**	*0.02*	0.08	*0.00*
UK, England, East of England Region	668	**2.7**	*0.11*	0.33	*0.02*	119	**0.4**	*0.04*	0.05	*0.01*
UK, England, North Western	1189	**4.5**	*0.14*	0.58	*0.02*	281	**0.9**	*0.06*	0.12	*0.01*
UK, England, Northern and Yorkshire	1197	**4.2**	*0.13*	0.53	*0.02*	259	**0.8**	*0.06*	0.10	*0.01*
UK, England, Oxford Region	328	**3.0**	*0.17*	0.37	*0.02*	51	**0.4**	*0.06*	0.05	*0.01*
UK, England, South and Western Regions	894	**2.8**	*0.10*	0.35	*0.01*	198	**0.5**	*0.04*	0.06	*0.01*
UK, England, Thames	1416	**3.4**	*0.09*	0.42	*0.01*	279	**0.6**	*0.04*	0.07	*0.01*
UK, England, Trent	467	**3.7**	*0.18*	0.48	*0.03*	105	**0.8**	*0.08*	0.09	*0.01*
UK, England, West Midlands	765	**3.5**	*0.13*	0.43	*0.02*	160	**0.6**	*0.05*	0.07	*0.01*
UK, Northern Ireland	285	**4.7**	*0.29*	0.60	*0.04*	69	**1.0**	*0.13*	0.12	*0.02*
UK, Scotland	1168	**5.7**	*0.17*	0.74	*0.02*	318	**1.3**	*0.08*	0.18	*0.01*
UK, Wales	472	**3.6**	*0.17*	0.43	*0.02*	100	**0.7**	*0.07*	0.09	*0.01*
Oceania										
Australian Capital Territory	22	**2.0**	*0.45*	0.22	*0.06*	2	**0.1**	*0.10*	0.01	*0.01*
Australia, New South Wales	924	**3.6**	*0.12*	0.47	*0.02*	116	**0.4**	*0.04*	0.05	*0.01*
Australia, Northern Territory	36	**6.6**	*1.15*	0.72	*0.16*	1	**0.4**	*0.36*	0.06	*0.06*
Australia, Northern Territory: Indigenous	9	**10.2**	*3.59*	1.22	*0.48*	1	**1.4**	*1.42*	0.24	*0.24*
Australia, Northern Territory: Non−Indigenous	27	**6.0**	*1.22*	0.64	*0.17*	0	**-**	-	–	-
Australia, Queensland	545	**3.8**	*0.17*	0.47	*0.02*	61	**0.4**	*0.05*	0.05	*0.01*
South Australia	197	**3.0**	*0.23*	0.37	*0.03*	16	**0.2**	*0.05*	0.02	*0.01*
Australia, Tasmania	68	**3.6**	*0.45*	0.45	*0.06*	7	**0.3**	*0.13*	0.04	*0.02*
Australia, Victoria	649	**3.4**	*0.14*	0.42	*0.02*	70	**0.3**	*0.04*	0.03	*0.01*
Western Australia	218	**3.0**	*0.21*	0.37	*0.03*	30	**0.4**	*0.08*	0.06	*0.01*
New Zealand	336	**2.3**	*0.13*	0.29	*0.02*	59	**0.4**	*0.05*	0.04	*0.01*
New Zealand: Maori	41	**4.4**	*0.72*	0.61	*0.12*	15	**1.3**	*0.36*	0.17	*0.05*
New Zealand: Pacific Islander	10	**2.8**	*0.90*	0.46	*0.16*	2	**0.4**	*0.31*	0.04	*0.04*
New Zealand: Other	285	**2.1**	*0.13*	0.26	*0.02*	42	**0.3**	*0.05*	0.03	*0.01*
USA, Hawaii	156	**3.4**	*0.28*	0.44	*0.04*	20	**0.4**	*0.09*	0.05	*0.01*
*USA, Hawaii: Chinese	10	**3.8**	*1.29*	0.61	*0.22*	0	**-**	-	–	-
*USA, Hawaii: Filipino	13	**2.4**	*0.70*	0.34	*0.11*	3	**0.3**	*0.21*	0.03	*0.03*
*USA, Hawaii: Hawaiian	22	**3.3**	*0.73*	0.37	*0.10*	2	**0.4**	*0.25*	0.04	*0.03*
*USA, Hawaii: Japanese	36	**2.8**	*0.51*	0.34	*0.07*	4	**0.2**	*0.13*	0.02	*0.02*
*USA, Hawaii: White	62	**4.9**	*0.64*	0.66	*0.10*	11	**0.9**	*0.30*	0.14	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Trachea, bronchus and lung (C33-34)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	466	**19.9**	*0.97*	–	-	69	**2.6**	*0.33*	–	-
Egypt, Gharbiah	795	**11.9**	*0.44*	1.53	*0.07*	257	**3.7**	*0.23*	0.47	*0.04*
*Libya, Benghazi	326	**27.8**	*1.58*	3.67	*0.27*	37	**3.1**	*0.53*	0.40	*0.08*
*Malawi, Blantyre	11	**1.2**	*0.39*	0.12	*0.05*	2	**0.2**	*0.16*	–	-
*South Africa, PROMEC	68	**4.8**	*0.59*	0.56	*0.07*	20	**0.9**	*0.20*	0.10	*0.02*
*Tunisia, North	2053	**30.6**	*0.69*	4.01	*0.10*	182	**2.6**	*0.20*	0.31	*0.03*
*Uganda, Kyadondo County	59	**5.2**	*0.80*	0.65	*0.12*	55	**5.1**	*0.74*	0.78	*0.13*
*Zimbabwe, Harare: African	87	**10.1**	*1.18*	1.04	*0.16*	49	**6.4**	*1.01*	0.83	*0.17*
America, Central and South										
Argentina, Bahía Blanca	317	**36.9**	*2.15*	4.80	*0.31*	96	**8.3**	*0.95*	0.91	*0.12*
Argentina, Córdoba	781	**29.4**	*1.07*	3.73	*0.16*	350	**9.3**	*0.53*	1.12	*0.07*
Argentina, Mendoza	1122	**25.8**	*0.79*	3.28	*0.12*	353	**6.6**	*0.37*	0.79	*0.05*
*Argentina, Tierra del Fuego	61	**36.2**	*4.98*	3.65	*0.64*	15	**8.1**	*2.19*	1.32	*0.40*
Brazil, Aracaju	145	**26.0**	*2.23*	3.29	*0.35*	83	**9.8**	*1.11*	1.15	*0.16*
Brazil, Belo Horizonte	557	**22.0**	*0.94*	2.66	*0.14*	293	**7.6**	*0.46*	0.88	*0.07*
Brazil, Cuiabá	197	**23.6**	*1.73*	2.80	*0.26*	95	**10.1**	*1.07*	1.23	*0.17*
Brazil, Fortaleza	628	**22.7**	*0.92*	2.85	*0.14*	471	**11.6**	*0.55*	1.36	*0.08*
Brazil, Goiânia	571	**30.3**	*1.29*	4.07	*0.21*	359	**14.4**	*0.77*	1.76	*0.11*
*Brazil, São Paulo	5524	**26.0**	*0.37*	3.16	*0.05*	3426	**11.4**	*0.21*	1.34	*0.03*
Chile, Region of Antofagasta	597	**55.9**	*2.34*	7.14	*0.36*	244	**19.4**	*1.27*	2.45	*0.20*
Chile, Bío Bío Province	88	**8.6**	*0.93*	1.00	*0.14*	44	**3.7**	*0.57*	0.40	*0.08*
Chile, Valdivia	106	**10.5**	*1.04*	1.31	*0.16*	54	**4.3**	*0.60*	0.52	*0.09*
Colombia, Bucaramanga	238	**11.6**	*0.77*	1.45	*0.12*	185	**6.8**	*0.51*	0.88	*0.08*
Colombia, Cali	810	**19.0**	*0.69*	2.22	*0.11*	512	**8.9**	*0.41*	1.08	*0.06*
Colombia, Manizales	131	**14.9**	*1.32*	1.93	*0.20*	98	**8.4**	*0.87*	1.06	*0.13*
Colombia, Pasto	58	**7.3**	*0.99*	0.83	*0.15*	37	**3.8**	*0.63*	0.54	*0.11*
Costa Rica	934	**10.5**	*0.35*	1.19	*0.05*	453	**4.7**	*0.23*	0.57	*0.04*
Cuba, Villa Clara	1022	**39.1**	*1.29*	4.67	*0.19*	501	**18.9**	*0.90*	2.12	*0.12*
Ecuador, Cuenca	47	**5.0**	*0.78*	0.57	*0.12*	29	**2.2**	*0.44*	0.24	*0.07*
Ecuador, Quito	241	**8.3**	*0.56*	1.03	*0.09*	217	**6.2**	*0.44*	0.71	*0.06*
*France, Martinique	182	**13.1**	*1.00*	1.67	*0.15*	110	**6.2**	*0.64*	0.72	*0.09*
*Jamaica, Kingston and St Andrew	243	**18.6**	*1.23*	2.44	*0.19*	65	**4.1**	*0.53*	0.48	*0.07*
USA, Puerto Rico	2138	**15.3**	*0.34*	1.86	*0.05*	1220	**6.8**	*0.21*	0.82	*0.03*
Uruguay	3193	**50.1**	*0.92*	6.42	*0.13*	731	**9.1**	*0.37*	1.09	*0.05*
America, North										
Canada	61404	**48.0**	*0.20*	5.98	*0.03*	49474	**34.3**	*0.17*	4.37	*0.03*
Canada, Alberta	4508	**40.4**	*0.62*	5.04	*0.10*	3929	**32.4**	*0.55*	4.18	*0.09*
Canada, British Columbia	7097	**38.3**	*0.48*	4.69	*0.07*	6440	**32.1**	*0.43*	4.11	*0.07*
Canada, Manitoba	2201	**47.1**	*1.06*	5.98	*0.17*	1992	**37.1**	*0.92*	4.81	*0.14*
Canada, New Brunswick	1924	**60.4**	*1.43*	7.60	*0.23*	1399	**38.5**	*1.11*	5.02	*0.17*
Canada, Newfoundland and Labrador	931	**43.9**	*1.47*	5.96	*0.24*	572	**25.8**	*1.12*	3.45	*0.17*
*Canada, Northwest Territories	41	**49.9**	*8.08*	5.88	*1.28*	38	**48.4**	*8.23*	6.64	*1.43*
Canada, Nova Scotia	2363	**58.3**	*1.24*	7.28	*0.19*	1816	**39.7**	*1.00*	5.20	*0.15*
Canada, Ontario	20111	**41.7**	*0.31*	5.26	*0.05*	17002	**30.6**	*0.25*	3.92	*0.04*
Canada, Prince Edward Island	308	**51.2**	*3.03*	6.29	*0.47*	253	**39.5**	*2.67*	5.12	*0.40*
*Canada, Quebec	20060	**64.5**	*0.47*	7.88	*0.07*	14452	**40.8**	*0.36*	5.09	*0.05*
Canada, Saskatchewan	1825	**42.1**	*1.07*	5.37	*0.17*	1552	**34.2**	*0.97*	4.40	*0.15*
*Canada, Yukon	35	**39.7**	*6.79*	5.38	*1.15*	29	**33.0**	*6.34*	3.34	*0.81*
USA, NPCR (42 states)	503765	**53.5**	*0.08*	6.78	*0.01*	417408	**36.4**	*0.06*	4.70	*0.01*
USA, NPCR (42 states): American Indian	2231	**36.0**	*0.78*	4.70	*0.13*	1987	**27.0**	*0.62*	3.51	*0.10*
USA, NPCR (42 states): Asian and Pacific Islander	8318	**26.4**	*0.30*	3.10	*0.05*	6263	**15.8**	*0.21*	1.93	*0.03*
USA, NPCR (42 states): Black	54539	**67.8**	*0.30*	8.55	*0.05*	39288	**34.6**	*0.18*	4.38	*0.03*
USA, NPCR (42 states): White	435876	**52.8**	*0.08*	6.70	*0.01*	367779	**37.3**	*0.07*	4.83	*0.01*
USA, SEER (9 registries)	44421	**45.8**	*0.23*	5.71	*0.04*	39681	**33.4**	*0.18*	4.28	*0.03*
*USA, SEER (9 registries): Black	4972	**66.8**	*0.98*	8.46	*0.15*	3919	**37.4**	*0.63*	4.70	*0.10*
*USA, SEER (9 registries): White	35816	**44.8**	*0.25*	5.58	*0.04*	33168	**34.6**	*0.21*	4.47	*0.03*
USA, SEER (18 registries)	133251	**48.3**	*0.14*	6.07	*0.02*	115007	**33.8**	*0.11*	4.34	*0.02*
*USA, SEER (18 registries): Asian and Pacific Islander	7147	**31.6**	*0.39*	3.84	*0.06*	5005	**17.5**	*0.26*	2.14	*0.04*
*USA, SEER (18 registries): Black	14854	**66.8**	*0.56*	8.44	*0.09*	11033	**35.5**	*0.35*	4.47	*0.05*
*USA, SEER (18 registries): Hispanic White	6638	**25.0**	*0.32*	3.07	*0.05*	5471	**16.5**	*0.23*	2.04	*0.04*
*USA, SEER (18 registries): Non–Hispanic White	103744	**51.2**	*0.17*	6.47	*0.03*	92714	**38.1**	*0.14*	4.94	*0.02*
*USA, SEER (18 registries): White	110382	**48.0**	*0.15*	6.05	*0.02*	98185	**35.3**	*0.12*	4.56	*0.02*
USA, Alabama	11366	**69.0**	*0.67*	8.90	*0.10*	7394	**36.4**	*0.45*	4.76	*0.07*
USA, Alabama: Black	2093	**72.1**	*1.62*	9.20	*0.25*	1161	**27.8**	*0.86*	3.58	*0.13*
USA, Alabama: White	9217	**68.5**	*0.74*	8.86	*0.11*	6184	**39.0**	*0.53*	5.10	*0.08*
USA, Alaska	926	**53.6**	*1.82*	6.89	*0.30*	707	**39.6**	*1.55*	5.03	*0.25*
*USA, Alaska: American Indian	171	**73.1**	*5.71*	9.51	*0.92*	140	**51.7**	*4.49*	7.16	*0.74*
USA, Arizona	9326	**41.7**	*0.46*	5.35	*0.07*	8178	**31.6**	*0.38*	4.11	*0.06*
USA, Arizona: American Indian	76	**12.4**	*1.46*	1.55	*0.23*	63	**8.5**	*1.10*	1.02	*0.17*
USA, Arizona: Asian and Pacific Islander	71	**20.2**	*2.45*	2.54	*0.40*	77	**16.3**	*1.89*	2.07	*0.29*
USA, Arizona: Black	198	**40.4**	*2.94*	5.02	*0.46*	195	**35.8**	*2.64*	4.69	*0.42*
USA, Arizona: White	8949	**42.8**	*0.48*	5.50	*0.08*	7816	**32.4**	*0.40*	4.22	*0.06*
USA, Arkansas	7638	**72.1**	*0.86*	9.17	*0.13*	5153	**41.7**	*0.62*	5.46	*0.09*
USA, Arkansas: Black	824	**83.4**	*3.01*	10.44	*0.45*	454	**33.5**	*1.67*	4.17	*0.24*
USA, Arkansas: White	6783	**71.3**	*0.90*	9.10	*0.14*	4665	**43.0**	*0.68*	5.65	*0.10*
USA, California	45376	**38.8**	*0.19*	4.82	*0.03*	41778	**29.0**	*0.16*	3.70	*0.02*
USA, California: American Indian	169	**15.9**	*1.25*	1.99	*0.20*	176	**13.2**	*1.03*	1.56	*0.16*
USA, California: Asian and Pacific Islander	4421	**30.0**	*0.47*	3.58	*0.07*	3084	**16.3**	*0.31*	1.96	*0.05*
USA, California: Black	3585	**57.4**	*0.98*	7.25	*0.15*	3015	**36.7**	*0.70*	4.63	*0.11*
USA, California: White	36900	**38.7**	*0.21*	4.83	*0.03*	35265	**30.5**	*0.18*	3.92	*0.03*
USA, California, Los Angeles County	10301	**35.1**	*0.36*	4.40	*0.06*	9083	**24.0**	*0.27*	3.03	*0.04*
*USA, California, Los Angeles County: Asian and Pacific Islander	1458	**30.9**	*0.84*	3.70	*0.13*	950	**15.7**	*0.54*	1.91	*0.08*
*USA, California, Los Angeles County: Black	1572	**59.1**	*1.52*	7.53	*0.23*	1346	**35.8**	*1.02*	4.59	*0.16*
*USA, California, Los Angeles County: Chinese	449	**31.4**	*1.58*	3.76	*0.24*	326	**19.0**	*1.13*	2.17	*0.17*
*USA, California, Los Angeles County: Filipino	366	**40.1**	*2.19*	4.90	*0.34*	211	**15.8**	*1.14*	1.99	*0.18*
*USA, California, Los Angeles County: Hispanic White	1534	**21.3**	*0.56*	2.59	*0.09*	1183	**11.7**	*0.36*	1.35	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Trachea, bronchus and lung (C33-34) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	216	**31.0**	*2.61*	3.42	*0.37*	144	**15.8**	*1.65*	1.87	*0.23*
*USA, California, Los Angeles County: Korean	195	**30.6**	*2.23*	3.56	*0.35*	123	**13.8**	*1.30*	1.58	*0.20*
*USA, California, Los Angeles County: Non−Hispanic White	5695	**39.4**	*0.56*	5.01	*0.09*	5559	**31.9**	*0.49*	4.14	*0.08*
*USA, California, Los Angeles County: White	7229	**33.0**	*0.41*	4.15	*0.07*	6742	**24.1**	*0.33*	3.06	*0.05*
USA, California, San Francisco Bay Area	5713	**37.2**	*0.52*	4.55	*0.08*	5573	**29.3**	*0.43*	3.66	*0.07*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	1181	**35.2**	*1.08*	4.22	*0.17*	818	**18.8**	*0.71*	2.21	*0.11*
*USA, California, San Francisco Bay Area: Black	740	**61.9**	*2.35*	7.85	*0.36*	693	**42.5**	*1.72*	5.34	*0.26*
*USA, California, San Francisco Bay Area: Hispanic White	358	**25.8**	*1.43*	3.10	*0.23*	355	**19.7**	*1.12*	2.46	*0.18*
*USA, California, San Francisco Bay Area: Non−Hispanic White	3395	**36.1**	*0.66*	4.41	*0.11*	3668	**32.9**	*0.62*	4.22	*0.10*
*USA, California, San Francisco Bay Area: White	3753	**34.8**	*0.60*	4.23	*0.10*	4023	**31.0**	*0.55*	3.95	*0.09*
USA, Colorado	5208	**34.6**	*0.50*	4.26	*0.08*	5003	**28.2**	*0.43*	3.67	*0.07*
USA, Colorado: Asian and Pacific Islander	72	**27.1**	*3.27*	3.47	*0.55*	68	**17.5**	*2.19*	2.29	*0.35*
USA, Colorado: Black	201	**45.0**	*3.26*	5.82	*0.52*	138	**28.0**	*2.46*	3.76	*0.39*
USA, Colorado: White	4912	**34.5**	*0.51*	4.23	*0.08*	4762	**28.4**	*0.44*	3.71	*0.07*
USA, Connecticut	6576	**49.0**	*0.64*	6.13	*0.10*	6473	**38.3**	*0.53*	4.89	*0.08*
*USA, Connecticut: Black	451	**58.0**	*2.78*	7.43	*0.43*	328	**30.1**	*1.71*	3.84	*0.26*
*USA, Connecticut: White	6049	**48.8**	*0.67*	6.11	*0.11*	6084	**39.3**	*0.57*	5.02	*0.09*
USA, Delaware	1970	**61.0**	*1.44*	7.46	*0.22*	1790	**46.7**	*1.19*	5.93	*0.18*
USA, Delaware: Black	278	**69.1**	*4.23*	8.67	*0.64*	247	**45.8**	*3.03*	5.98	*0.47*
USA, Delaware: White	1673	**60.3**	*1.55*	7.35	*0.23*	1522	**47.4**	*1.32*	5.99	*0.20*
USA, Florida	43546	**55.2**	*0.29*	7.05	*0.04*	36038	**38.4**	*0.23*	4.89	*0.03*
USA, Florida: Asian and Pacific Islander	144	**13.7**	*1.16*	1.63	*0.18*	197	**14.2**	*1.03*	1.90	*0.17*
USA, Florida: Black	3639	**57.6**	*0.97*	7.28	*0.15*	2170	**25.8**	*0.57*	3.25	*0.09*
USA, Florida: White	39448	**55.3**	*0.31*	7.08	*0.05*	33405	**40.0**	*0.25*	5.11	*0.04*
USA, Georgia	16574	**62.7**	*0.50*	7.96	*0.08*	11937	**35.6**	*0.34*	4.60	*0.05*
USA, Georgia: Asian and Pacific Islander	84	**17.4**	*1.95*	2.24	*0.31*	70	**11.8**	*1.44*	1.43	*0.23*
USA, Georgia: Black	3544	**67.6**	*1.17*	8.64	*0.18*	2248	**28.6**	*0.63*	3.62	*0.10*
USA, Georgia: White	12903	**62.3**	*0.56*	7.91	*0.09*	9601	**38.5**	*0.42*	4.99	*0.06*
USA, Georgia, Atlanta	3655	**45.8**	*0.78*	5.63	*0.12*	3095	**29.6**	*0.56*	3.68	*0.09*
*USA, Georgia, Atlanta: Black	1238	**60.7**	*1.81*	7.65	*0.28*	886	**28.7**	*1.01*	3.57	*0.16*
*USA, Georgia, Atlanta: White	2340	**41.6**	*0.89*	5.07	*0.14*	2164	**30.8**	*0.72*	3.88	*0.12*
USA, Idaho	2130	**40.8**	*0.92*	5.04	*0.15*	1787	**31.6**	*0.81*	4.12	*0.13*
USA, Illinois	24475	**56.4**	*0.38*	7.09	*0.06*	20931	**38.7**	*0.29*	5.03	*0.05*
USA, Illinois: Asian and Pacific Islander	287	**21.3**	*1.27*	2.40	*0.20*	191	**11.4**	*0.85*	1.36	*0.13*
USA, Illinois: Black	3615	**78.6**	*1.34*	9.86	*0.20*	2917	**43.4**	*0.84*	5.48	*0.13*
USA, Illinois: White	20429	**54.6**	*0.40*	6.87	*0.06*	17742	**38.9**	*0.32*	5.09	*0.05*
USA, Indiana	13933	**63.1**	*0.56*	8.06	*0.09*	11460	**42.5**	*0.43*	5.55	*0.07*
USA, Indiana: Black	986	**75.6**	*2.48*	9.35	*0.38*	773	**43.4**	*1.65*	5.49	*0.25*
USA, Indiana: White	12869	**62.5**	*0.57*	8.01	*0.09*	10619	**42.6**	*0.45*	5.58	*0.07*
USA, Iowa	6673	**55.5**	*0.72*	6.98	*0.11*	5097	**36.2**	*0.57*	4.71	*0.09*
USA, Kentucky	12648	**84.9**	*0.78*	10.97	*0.12*	9632	**53.6**	*0.58*	7.09	*0.09*
USA, Louisiana	8120	**68.7**	*0.79*	8.65	*0.12*	5796	**39.2**	*0.55*	5.05	*0.08*
*USA, Louisiana: Black	2235	**83.5**	*1.81*	10.46	*0.28*	1324	**35.5**	*1.02*	4.46	*0.15*
*USA, Louisiana: White	5831	**64.5**	*0.88*	8.17	*0.14*	4438	**41.0**	*0.67*	5.32	*0.10*
*USA, Louisiana, New Orleans	1523	**65.2**	*1.74*	8.31	*0.27*	1131	**36.5**	*1.18*	4.73	*0.18*
*USA, Louisiana, New Orleans: Black	537	**80.5**	*3.57*	10.27	*0.56*	354	**36.5**	*2.01*	4.51	*0.30*
*USA, Louisiana, New Orleans: White	963	**59.5**	*2.03*	7.54	*0.32*	766	**36.9**	*1.50*	4.93	*0.24*
USA, Maine	3424	**60.8**	*1.09*	7.47	*0.17*	2853	**43.0**	*0.88*	5.50	*0.14*
USA, Massachusetts	12337	**51.3**	*0.49*	6.47	*0.08*	12477	**41.5**	*0.41*	5.40	*0.06*
USA, Massachusetts: Asian and Pacific Islander	181	**26.6**	*2.03*	3.02	*0.31*	136	**18.1**	*1.61*	2.23	*0.25*
USA, Massachusetts: Black	500	**54.5**	*2.51*	7.02	*0.39*	370	**28.9**	*1.55*	3.65	*0.24*
USA, Massachusetts: White	11614	**51.8**	*0.51*	6.53	*0.08*	11927	**42.8**	*0.44*	5.57	*0.07*
USA, Michigan	20892	**56.7**	*0.41*	7.14	*0.06*	17953	**40.8**	*0.33*	5.30	*0.05*
USA, Michigan: Asian and Pacific Islander	73	**15.3**	*1.83*	1.95	*0.29*	79	**14.5**	*1.67*	1.91	*0.28*
USA, Michigan: Black	2793	**78.7**	*1.54*	9.89	*0.24*	2307	**46.9**	*1.03*	5.86	*0.15*
USA, Michigan: White	17851	**54.5**	*0.43*	6.86	*0.07*	15429	**40.2**	*0.35*	5.25	*0.05*
USA, Michigan, Detroit	8545	**60.9**	*0.69*	7.64	*0.11*	7874	**44.4**	*0.55*	5.77	*0.09*
*USA, Michigan, Detroit: Black	2068	**79.2**	*1.81*	9.94	*0.28*	1719	**45.8**	*1.17*	5.72	*0.18*
*USA, Michigan, Detroit: White	6387	**57.4**	*0.76*	7.20	*0.12*	6102	**44.9**	*0.64*	5.91	*0.10*
USA, Mississippi	7185	**74.8**	*0.91*	9.68	*0.14*	4533	**37.4**	*0.60*	4.84	*0.09*
USA, Missouri	14186	**65.8**	*0.58*	8.46	*0.09*	11070	**42.2**	*0.44*	5.53	*0.07*
USA, Missouri: Black	1264	**82.4**	*2.38*	10.75	*0.37*	1026	**45.7**	*1.50*	5.82	*0.23*
USA, Missouri: White	12806	**64.7**	*0.60*	8.32	*0.09*	9955	**42.1**	*0.46*	5.54	*0.07*
USA, Montana	1817	**45.0**	*1.11*	5.72	*0.18*	1652	**37.4**	*1.00*	4.88	*0.16*
USA, Montana: American Indian	85	**68.4**	*7.54*	8.33	*1.20*	92	**61.9**	*6.55*	8.16	*1.04*
USA, Nebraska	3449	**52.6**	*0.95*	6.78	*0.15*	2619	**34.1**	*0.74*	4.44	*0.11*
USA, Nebraska: Black	109	**71.7**	*7.03*	8.83	*1.07*	82	**42.0**	*4.84*	5.53	*0.75*
USA, Nebraska: White	3305	**52.1**	*0.97*	6.72	*0.15*	2509	**34.0**	*0.75*	4.43	*0.12*
USA, New Hampshire	2502	**51.4**	*1.07*	6.41	*0.17*	2326	**41.1**	*0.92*	5.34	*0.14*
USA, New Jersey	15310	**48.0**	*0.41*	5.96	*0.06*	14708	**36.2**	*0.33*	4.58	*0.05*
*USA, New Jersey: Black	1791	**58.7**	*1.41*	7.43	*0.21*	1521	**34.2**	*0.91*	4.19	*0.13*
*USA, New Jersey: White	13099	**48.0**	*0.44*	5.98	*0.07*	12867	**37.8**	*0.37*	4.81	*0.06*
USA, New Mexico	2450	**34.3**	*0.73*	4.40	*0.12*	2073	**24.6**	*0.58*	3.17	*0.09*
*USA, New Mexico: Hispanic White	547	**24.2**	*1.08*	2.90	*0.17*	431	**16.4**	*0.84*	2.08	*0.13*
*USA, New Mexico: Non−Hispanic White	1789	**42.0**	*1.05*	5.48	*0.17*	1561	**31.3**	*0.87*	4.09	*0.14*
*USA, New Mexico: White	2336	**35.8**	*0.78*	4.59	*0.12*	1992	**26.1**	*0.63*	3.37	*0.10*
USA, New York State	34020	**48.4**	*0.28*	6.03	*0.04*	31723	**35.2**	*0.22*	4.47	*0.03*
USA, New York State: Asian and Pacific Islander	1006	**27.4**	*0.88*	3.11	*0.13*	650	**15.3**	*0.62*	1.87	*0.10*
USA, New York State: Black	4081	**48.7**	*0.77*	6.14	*0.12*	3493	**27.2**	*0.48*	3.37	*0.07*
USA, New York State: White	28641	**49.4**	*0.31*	6.17	*0.05*	27400	**37.9**	*0.25*	4.86	*0.04*
USA, North Carolina	19526	**64.8**	*0.48*	8.27	*0.07*	14396	**38.5**	*0.34*	4.98	*0.05*
USA, North Carolina: American Indian	167	**61.0**	*4.80*	8.27	*0.78*	93	**28.6**	*3.02*	3.79	*0.46*
USA, North Carolina: Asian and Pacific Islander	51	**17.1**	*2.45*	2.01	*0.36*	53	**13.8**	*1.95*	1.50	*0.27*
USA, North Carolina: Black	3461	**74.8**	*1.30*	9.29	*0.20*	2044	**31.0**	*0.72*	3.89	*0.11*
USA, North Carolina: White	15796	**63.1**	*0.52*	8.11	*0.08*	12150	**40.4**	*0.39*	5.26	*0.06*
USA, North Dakota	1190	**46.3**	*1.45*	6.25	*0.24*	931	**34.1**	*1.24*	4.73	*0.19*
USA, Ohio	25915	**60.4**	*0.39*	7.61	*0.06*	20941	**39.6**	*0.30*	5.14	*0.05*
USA, Ohio: Asian and Pacific Islander	66	**17.3**	*2.16*	1.93	*0.33*	69	**14.2**	*1.74*	1.72	*0.28*
USA, Ohio: Black	2713	**76.5**	*1.52*	9.58	*0.23*	2242	**45.8**	*1.02*	5.77	*0.15*
USA, Ohio: White	22946	**59.0**	*0.41*	7.44	*0.06*	18489	**39.0**	*0.31*	5.07	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Trachea, bronchus and lung (C33-34) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	8753	**66.8**	*0.74*	8.51	*0.11*	6790	**43.5**	*0.57*	5.66	*0.09*
USA, Oklahoma: American Indian	637	**82.5**	*3.33*	10.70	*0.53*	532	**56.5**	*2.54*	7.21	*0.39*
USA, Oklahoma: Black	497	**80.1**	*3.68*	10.26	*0.58*	327	**39.8**	*2.31*	5.19	*0.36*
USA, Oklahoma: White	7562	**65.0**	*0.78*	8.28	*0.12*	5878	**42.9**	*0.61*	5.58	*0.09*
USA, Oregon	6736	**47.1**	*0.60*	5.96	*0.10*	6362	**37.9**	*0.52*	4.93	*0.08*
USA, Oregon: Asian and Pacific Islander	87	**26.4**	*2.90*	2.90	*0.43*	76	**17.1**	*2.05*	2.01	*0.31*
USA, Oregon: Black	109	**65.8**	*6.53*	8.86	*1.09*	63	**34.5**	*4.58*	3.82	*0.66*
USA, Oregon: White	6427	**47.0**	*0.62*	5.96	*0.10*	6086	**38.1**	*0.54*	4.97	*0.09*
USA, Pennsylvania	28700	**56.1**	*0.35*	7.06	*0.05*	23940	**37.4**	*0.27*	4.80	*0.04*
USA, Pennsylvania: Asian and Pacific Islander	145	**22.3**	*1.87*	2.66	*0.29*	97	**12.8**	*1.33*	1.63	*0.21*
USA, Pennsylvania: Black	2576	**77.9**	*1.59*	9.68	*0.24*	2339	**48.7**	*1.07*	6.16	*0.16*
USA, Pennsylvania: White	25814	**54.6**	*0.36*	6.89	*0.06*	21378	**36.5**	*0.28*	4.70	*0.04*
USA, Rhode Island	2322	**56.5**	*1.25*	7.02	*0.20*	2076	**40.7**	*1.01*	5.18	*0.15*
USA, Rhode Island: Black	60	**42.5**	*5.69*	5.14	*0.89*	69	**40.9**	*5.16*	5.09	*0.77*
USA, Rhode Island: White	2226	**57.2**	*1.30*	7.13	*0.21*	1990	**41.2**	*1.05*	5.26	*0.16*
USA, South Carolina	9977	**65.3**	*0.67*	8.31	*0.10*	6865	**36.3**	*0.47*	4.70	*0.07*
USA, South Carolina: Black	2177	**70.5**	*1.55*	9.02	*0.24*	1224	**27.4**	*0.82*	3.44	*0.12*
USA, South Carolina: White	7729	**63.8**	*0.75*	8.13	*0.12*	5592	**39.2**	*0.56*	5.11	*0.09*
USA, South Dakota	1545	**47.2**	*1.29*	5.91	*0.20*	1119	**31.6**	*1.05*	4.13	*0.16*
USA, Tennessee	15111	**70.6**	*0.59*	9.12	*0.09*	10598	**41.3**	*0.43*	5.40	*0.06*
USA, Tennessee: Black	1640	**74.8**	*1.90*	9.63	*0.29*	1220	**38.3**	*1.15*	4.99	*0.18*
USA, Tennessee: White	13383	**70.4**	*0.63*	9.10	*0.10*	9302	**41.9**	*0.46*	5.47	*0.07*
USA, Texas	36372	**53.1**	*0.29*	6.72	*0.05*	27399	**32.7**	*0.21*	4.23	*0.03*
USA, Texas: Asian and Pacific Islander	349	**20.9**	*1.14*	2.48	*0.18*	325	**15.8**	*0.90*	1.97	*0.15*
USA, Texas: Black	4601	**79.5**	*1.21*	9.91	*0.18*	2843	**35.9**	*0.70*	4.67	*0.11*
USA, Texas: White	31060	**51.1**	*0.30*	6.49	*0.05*	23992	**32.7**	*0.23*	4.23	*0.04*
USA, Utah	1553	**23.2**	*0.61*	3.00	*0.10*	1148	**15.0**	*0.47*	1.96	*0.07*
USA, Vermont	1295	**52.6**	*1.52*	6.71	*0.24*	1157	**40.7**	*1.29*	5.27	*0.20*
USA, Virginia	14252	**55.6**	*0.48*	7.00	*0.08*	11245	**35.1**	*0.35*	4.51	*0.06*
USA, Virginia: Asian and Pacific Islander	184	**22.3**	*1.67*	2.73	*0.26*	155	**14.3**	*1.17*	1.74	*0.18*
USA, Virginia: Black	2590	**68.8**	*1.39*	8.67	*0.21*	1755	**33.4**	*0.84*	4.25	*0.13*
USA, Virginia: White	11384	**54.2**	*0.52*	6.84	*0.08*	9246	**36.2**	*0.41*	4.66	*0.06*
USA, Washington State	10313	**45.4**	*0.47*	5.66	*0.08*	9826	**37.1**	*0.41*	4.80	*0.07*
USA, Washington, Seattle	7042	**46.2**	*0.57*	5.70	*0.09*	6793	**37.6**	*0.50*	4.83	*0.08*
USA, West Virginia	5691	**73.6**	*1.02*	9.33	*0.16*	4376	**47.6**	*0.78*	6.21	*0.12*
USA, Wisconsin	10184	**48.6**	*0.51*	6.16	*0.08*	8548	**35.6**	*0.42*	4.67	*0.07*
USA, Wisconsin: Black	528	**89.5**	*4.03*	11.68	*0.63*	361	**44.4**	*2.40*	5.64	*0.37*
USA, Wisconsin: White	9341	**46.3**	*0.50*	5.87	*0.08*	7915	**34.6**	*0.43*	4.55	*0.07*
USA, Wyoming	738	**38.6**	*1.47*	5.11	*0.24*	669	**31.8**	*1.31*	4.14	*0.21*
Asia										
Bahrain: Bahraini	161	**24.8**	*1.99*	3.12	*0.31*	61	**9.0**	*1.16*	1.13	*0.18*
China, Beijing City	11299	**36.8**	*0.37*	4.49	*0.05*	6963	**21.3**	*0.27*	2.63	*0.04*
*China, Cixian County	715	**62.3**	*2.40*	8.00	*0.36*	388	**30.5**	*1.62*	3.18	*0.20*
China, Haining County	1102	**52.4**	*1.65*	6.40	*0.24*	373	**15.6**	*0.84*	1.88	*0.12*
*China, Harbin City, Nangang District	1800	**61.5**	*1.51*	7.42	*0.21*	1062	**32.9**	*1.03*	4.05	*0.15*
China, Hong Kong	14003	**53.3**	*0.47*	6.31	*0.07*	6817	**21.9**	*0.29*	2.47	*0.04*
China, Jiashan County	859	**55.7**	*1.95*	7.27	*0.30*	280	**16.3**	*1.03*	1.99	*0.15*
China, Jiaxing City	609	**52.4**	*2.19*	6.52	*0.32*	238	**19.4**	*1.30*	2.40	*0.19*
China, Macao	488	**39.8**	*1.89*	4.85	*0.30*	259	**17.1**	*1.17*	1.98	*0.18*
China, Qidong County	2457	**55.2**	*1.13*	6.94	*0.17*	959	**19.6**	*0.66*	2.34	*0.10*
*China, Shanghai City	12413	**40.9**	*0.39*	4.67	*0.06*	6238	**18.1**	*0.25*	2.12	*0.04*
*China, Wuhan City	7963	**56.2**	*0.64*	7.19	*0.10*	2930	**19.6**	*0.37*	2.48	*0.06*
*China, Yangcheng County	170	**20.5**	*1.60*	2.99	*0.26*	89	**9.5**	*1.03*	1.10	*0.13*
*China, Yanting County	771	**48.3**	*1.77*	6.11	*0.26*	264	**15.4**	*0.96*	1.83	*0.14*
*China, Zhongshan City	1479	**54.1**	*1.44*	6.63	*0.21*	715	**22.8**	*0.90*	2.74	*0.13*
*India, Bangalore	708	**10.3**	*0.40*	1.34	*0.06*	246	**3.5**	*0.23*	0.45	*0.03*
*India; Barshi, Paranda, and Bhum	19	**1.6**	*0.40*	0.21	*0.05*	25	**2.3**	*0.49*	0.25	*0.05*
*India, Bhopal	253	**11.9**	*0.76*	1.54	*0.11*	51	**2.5**	*0.35*	0.30	*0.05*
*India, Chennai	1218	**12.5**	*0.36*	1.61	*0.05*	347	**3.5**	*0.19*	0.42	*0.03*
*India, Dindigul, Ambilikkai	173	**3.7**	*0.28*	0.47	*0.04*	50	**1.0**	*0.15*	0.13	*0.02*
*India, Karunagappally	195	**18.8**	*1.36*	2.43	*0.20*	28	**2.3**	*0.45*	0.29	*0.06*
*India, Mizoram	390	**27.5**	*1.42*	3.41	*0.21*	369	**27.4**	*1.46*	3.69	*0.22*
*India, Mumbai	2134	**9.3**	*0.20*	1.14	*0.03*	824	**3.5**	*0.12*	0.41	*0.02*
*India, New Delhi	3162	**13.7**	*0.25*	1.74	*0.04*	793	**3.6**	*0.13*	0.44	*0.02*
*India, Poona	439	**6.2**	*0.30*	0.74	*0.04*	260	**3.5**	*0.22*	0.40	*0.03*
*India, Sikkim State	67	**7.7**	*0.96*	1.00	*0.15*	55	**7.9**	*1.09*	1.04	*0.17*
*India, Trivandrum	268	**17.1**	*1.05*	2.20	*0.16*	60	**3.3**	*0.42*	0.40	*0.06*
*Iran (Islamic Republic of), Golestan Province	278	**17.5**	*1.10*	2.13	*0.15*	93	**5.6**	*0.61*	0.68	*0.09*
Israel	5880	**31.4**	*0.43*	3.95	*0.07*	3018	**12.8**	*0.25*	1.52	*0.04*
*Israel: Jews	5114	**29.8**	*0.44*	3.74	*0.07*	2887	**13.4**	*0.28*	1.60	*0.04*
*Israel: Non–Jews	766	**46.8**	*1.72*	5.94	*0.27*	131	**7.0**	*0.62*	0.80	*0.09*
Japan, Aichi Prefecture	2539	**39.5**	*0.81*	4.54	*0.12*	967	**13.4**	*0.47*	1.53	*0.07*
Japan, Fukui Prefecture	2191	**40.7**	*0.96*	4.56	*0.14*	847	**13.0**	*0.55*	1.52	*0.08*
Japan, Hiroshima	2739	**48.6**	*0.97*	5.64	*0.14*	1373	**20.1**	*0.61*	2.48	*0.09*
Japan, Miyagi Prefecture	5622	**41.9**	*0.60*	4.86	*0.09*	2196	**13.5**	*0.33*	1.61	*0.05*
Japan, Nagasaki Prefecture	4321	**46.1**	*0.78*	5.12	*0.11*	1958	**15.5**	*0.43*	1.82	*0.06*
Japan, Niigata Prefecture	6828	**42.8**	*0.57*	4.93	*0.08*	2491	**12.9**	*0.32*	1.50	*0.04*
*Japan, Osaka Prefecture	19929	**41.6**	*0.31*	4.64	*0.04*	8408	**13.9**	*0.17*	1.57	*0.02*
Japan, Saga Prefecture	2182	**40.7**	*0.96*	4.66	*0.14*	896	**12.6**	*0.52*	1.46	*0.07*
Republic of Korea	61462	**49.8**	*0.20*	6.19	*0.03*	23322	**13.4**	*0.09*	1.52	*0.01*
Republic of Korea, Busan	4335	**47.1**	*0.76*	5.78	*0.11*	1686	**12.9**	*0.32*	1.40	*0.05*
Republic of Korea, Daegu	2937	**51.4**	*0.99*	6.43	*0.15*	1172	**14.1**	*0.42*	1.54	*0.06*
Republic of Korea, Daejeon	1416	**46.6**	*1.27*	5.65	*0.19*	542	**12.6**	*0.55*	1.40	*0.08*
Republic of Korea, Gwangju	1501	**50.8**	*1.36*	6.00	*0.20*	591	**13.5**	*0.57*	1.54	*0.08*
Republic of Korea, Incheon	2456	**45.1**	*0.94*	5.69	*0.14*	959	**12.5**	*0.41*	1.44	*0.06*
Republic of Korea, Jejudo	458	**40.3**	*1.92*	5.03	*0.28*	187	**10.6**	*0.82*	1.39	*0.12*
Republic of Korea, Seoul	10027	**42.7**	*0.44*	5.11	*0.07*	4247	**13.3**	*0.21*	1.53	*0.03*
Republic of Korea, Ulsan	1019	**56.2**	*1.89*	7.04	*0.29*	392	**14.1**	*0.74*	1.59	*0.11*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Trachea, bronchus and lung (C33-34) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	310	**11.1**	*0.75*	1.43	*0.12*	93	**4.7**	*0.52*	0.62	*0.08*
*Kuwait: Kuwaitis	143	**13.8**	*1.17*	1.87	*0.19*	59	**4.9**	*0.65*	0.68	*0.11*
*Kuwait: Non−Kuwaitis	167	**8.8**	*1.07*	1.01	*0.14*	34	**4.2**	*0.84*	0.50	*0.12*
*Malaysia, Penang	610	**28.4**	*1.17*	3.47	*0.18*	231	**9.0**	*0.60*	1.10	*0.09*
*Malaysia, Penang: Chinese	430	**32.2**	*1.56*	4.06	*0.24*	177	**11.3**	*0.86*	1.42	*0.13*
*Malaysia, Penang: Indian	38	**18.8**	*3.22*	1.89	*0.41*	14	**5.7**	*1.58*	0.58	*0.19*
*Malaysia, Penang: Malay	138	**19.9**	*1.77*	2.22	*0.25*	39	**4.4**	*0.73*	0.52	*0.10*
*Philippines, Manila	3168	**45.9**	*0.87*	5.66	*0.13*	1379	**14.8**	*0.41*	1.78	*0.06*
*Philippines, Rizal	3189	**43.7**	*0.82*	5.47	*0.13*	1308	**13.8**	*0.40*	1.68	*0.06*
Qatar: Qatari	48	**19.2**	*2.91*	2.80	*0.47*	10	**4.1**	*1.33*	0.51	*0.21*
*Saudi Arabia, Riyadh: Saudi	275	**6.3**	*0.39*	0.85	*0.06*	98	**2.2**	*0.23*	0.24	*0.03*
Singapore	3852	**41.1**	*0.67*	4.92	*0.10*	1898	**16.3**	*0.38*	1.83	*0.06*
Singapore: Chinese	3338	**44.7**	*0.78*	5.32	*0.12*	1713	**17.6**	*0.44*	1.99	*0.07*
Singapore: Indian	125	**17.4**	*1.63*	2.14	*0.24*	28	**4.3**	*0.85*	0.52	*0.13*
Singapore: Malay	355	**34.0**	*1.89*	4.16	*0.29*	143	**12.2**	*1.06*	1.38	*0.15*
Thailand, Bangkok	4132	**32.1**	*0.51*	3.82	*0.08*	2100	**11.9**	*0.27*	1.36	*0.04*
Thailand, Chiang Mai	1577	**36.5**	*0.95*	4.76	*0.14*	1197	**25.0**	*0.76*	3.31	*0.11*
Thailand, Chonburi	934	**38.9**	*1.30*	4.85	*0.19*	427	**14.5**	*0.72*	1.76	*0.11*
*Thailand, Khon Kaen	745	**18.4**	*0.69*	2.34	*0.11*	294	**6.0**	*0.36*	0.73	*0.05*
Thailand, Lampang	1184	**48.8**	*1.44*	6.50	*0.22*	694	**25.8**	*1.00*	3.45	*0.15*
*Thailand, Songkhla	624	**25.3**	*1.02*	3.07	*0.15*	204	**6.6**	*0.48*	0.77	*0.07*
*Turkey, Antalya	1757	**48.8**	*1.18*	6.12	*0.17*	246	**6.6**	*0.42*	0.75	*0.06*
*Turkey, Edirne	846	**85.8**	*2.99*	10.97	*0.43*	61	**5.5**	*0.73*	0.73	*0.11*
*Turkey, Izmir	8331	**90.1**	*1.00*	11.59	*0.15*	1057	**10.0**	*0.32*	1.19	*0.04*
*Turkey, Trabzon	628	**58.0**	*2.36*	7.51	*0.33*	69	**5.2**	*0.64*	0.57	*0.08*
Europe										
Austria	13562	**40.5**	*0.36*	5.06	*0.05*	6744	**16.5**	*0.22*	1.98	*0.03*
Austria, Tyrol	1095	**41.0**	*1.27*	5.07	*0.18*	515	**16.3**	*0.78*	1.96	*0.11*
Austria, Vorarlberg	625	**46.2**	*1.89*	5.68	*0.28*	252	**16.2**	*1.09*	1.96	*0.15*
*Belarus	18567	**62.8**	*0.48*	8.33	*0.07*	2632	**5.2**	*0.11*	0.62	*0.02*
*Belgium	21890	**59.1**	*0.42*	7.53	*0.06*	6788	**17.6**	*0.23*	2.15	*0.03*
Bulgaria	15934	**50.9**	*0.42*	6.61	*0.06*	3010	**7.7**	*0.15*	0.91	*0.02*
Croatia	11655	**65.1**	*0.62*	8.42	*0.09*	3247	**14.0**	*0.27*	1.69	*0.04*
Cyprus	726	**26.0**	*0.99*	3.30	*0.15*	212	**7.2**	*0.52*	0.91	*0.07*
Czech Republic	23320	**58.7**	*0.39*	7.67	*0.06*	8120	**15.7**	*0.19*	1.95	*0.03*
Denmark	10822	**45.0**	*0.45*	5.75	*0.07*	9252	**35.2**	*0.39*	4.64	*0.06*
*Estonia	2643	**55.8**	*1.11*	7.40	*0.17*	700	**8.9**	*0.37*	1.08	*0.05*
Finland	8126	**34.4**	*0.40*	4.13	*0.06*	3250	**10.8**	*0.21*	1.30	*0.03*
*France, Bas−Rhin	2098	**53.2**	*1.20*	6.53	*0.17*	670	**14.5**	*0.61*	1.75	*0.08*
*France, Calvados	1459	**57.1**	*1.58*	6.90	*0.22*	370	**12.7**	*0.73*	1.46	*0.09*
*France, Doubs	1076	**53.7**	*1.71*	6.59	*0.24*	285	**12.4**	*0.81*	1.44	*0.10*
*France, Haut−Rhin	1366	**46.8**	*1.31*	6.04	*0.19*	402	**12.4**	*0.67*	1.50	*0.09*
*France, Hérault	2127	**52.2**	*1.20*	6.48	*0.17*	666	**14.5**	*0.62*	1.67	*0.08*
*France, Isère	2298	**52.0**	*1.13*	6.40	*0.16*	600	**12.0**	*0.53*	1.39	*0.07*
*France, Loire−Atlantique	2117	**48.8**	*1.11*	6.09	*0.15*	632	**12.0**	*0.53*	1.40	*0.07*
*France, Manche	1029	**49.2**	*1.64*	6.21	*0.22*	245	**10.6**	*0.77*	1.19	*0.09*
*France, Somme	1353	**63.4**	*1.82*	8.03	*0.26*	261	**10.3**	*0.71*	1.16	*0.09*
*France, Tarn	830	**43.4**	*1.67*	5.18	*0.23*	229	**11.4**	*0.89*	1.27	*0.11*
*France, Vendée	1004	**38.6**	*1.30*	4.93	*0.18*	300	**10.9**	*0.70*	1.30	*0.09*
Germany, Brandenburg	6125	**49.2**	*0.65*	6.17	*0.09*	2019	**13.3**	*0.33*	1.63	*0.04*
Germany, Bremen	1939	**61.0**	*1.44*	7.73	*0.21*	952	**25.8**	*0.94*	3.17	*0.12*
Germany, Free State of Saxony	9324	**41.5**	*0.45*	5.20	*0.06*	2717	**9.4**	*0.21*	1.15	*0.03*
Germany, Hamburg	4045	**52.6**	*0.86*	6.58	*0.12*	2266	**24.6**	*0.58*	2.98	*0.08*
Germany, Mecklenburg−Western Pomerania	4174	**51.4**	*0.82*	6.56	*0.12*	1333	**13.4**	*0.41*	1.63	*0.05*
Germany, Munich	5976	**33.8**	*0.45*	4.19	*0.07*	3156	**15.4**	*0.30*	1.85	*0.04*
Germany, North Rhine−Westphalia	6012	**51.4**	*0.69*	6.49	*0.10*	2323	**18.2**	*0.42*	2.17	*0.05*
Germany, Saarland	3048	**58.4**	*1.11*	7.32	*0.16*	1215	**21.1**	*0.67*	2.52	*0.09*
Germany, Schleswig−Holstein	6659	**48.6**	*0.62*	6.22	*0.09*	3012	**20.1**	*0.40*	2.44	*0.05*
Iceland	400	**36.1**	*1.90*	4.75	*0.31*	363	**32.4**	*1.83*	4.17	*0.27*
Ireland	5543	**39.4**	*0.54*	4.83	*0.08*	3787	**23.3**	*0.41*	2.93	*0.06*
Italy, Biella	633	**55.9**	*2.39*	6.94	*0.36*	197	**13.9**	*1.19*	1.73	*0.16*
Italy, Brescia	2098	**54.0**	*1.22*	6.92	*0.19*	595	**11.9**	*0.56*	1.42	*0.08*
Italy, Catania and Messina	2001	**43.9**	*1.05*	5.55	*0.15*	442	**8.5**	*0.45*	0.98	*0.06*
Italy, Catanzaro	401	**36.9**	*1.97*	4.68	*0.29*	70	**5.8**	*0.79*	0.65	*0.10*
Italy, Como	1416	**51.6**	*1.43*	6.39	*0.21*	410	**12.2**	*0.68*	1.45	*0.09*
Italy, Ferrara	1343	**57.9**	*1.74*	7.00	*0.26*	405	**14.3**	*0.86*	1.70	*0.12*
Italy, Florence and Prato	1972	**48.7**	*1.21*	6.10	*0.18*	672	**14.8**	*0.66*	1.84	*0.09*
Italy, Friuli−Venezia Giulia	3125	**45.0**	*0.86*	5.46	*0.13*	1302	**14.7**	*0.48*	1.84	*0.07*
Italy, Genoa	2415	**53.7**	*1.20*	6.66	*0.18*	813	**14.3**	*0.61*	1.71	*0.08*
Italy, Latina	1216	**51.1**	*1.54*	6.70	*0.23*	263	**10.2**	*0.69*	1.20	*0.09*
Italy, Lecco	820	**52.0**	*1.89*	6.29	*0.28*	282	**14.7**	*1.02*	1.76	*0.14*
Italy, Lombardy, South	1446	**63.2**	*1.75*	8.02	*0.26*	386	**12.9**	*0.79*	1.53	*0.10*
Italy, Mantua	653	**50.6**	*2.12*	6.41	*0.33*	196	**10.9**	*0.93*	1.33	*0.14*
Italy, Milan	3074	**54.0**	*1.05*	6.70	*0.15*	1424	**18.4**	*0.60*	2.18	*0.08*
Italy, Modena	1898	**50.7**	*1.27*	6.35	*0.19*	606	**14.0**	*0.67*	1.69	*0.09*
Italy, Naples	1124	**62.7**	*1.91*	8.10	*0.29*	222	**11.0**	*0.77*	1.24	*0.10*
Italy, Nuoro	454	**39.2**	*1.95*	4.97	*0.28*	79	**6.1**	*0.76*	0.80	*0.11*
Italy, Palermo	1840	**43.4**	*1.07*	5.63	*0.16*	439	**8.8**	*0.47*	1.07	*0.06*
Italy, Parma	1084	**43.8**	*1.47*	5.45	*0.22*	420	**14.5**	*0.86*	1.75	*0.12*
Italy, Ragusa	532	**37.0**	*1.74*	4.59	*0.25*	108	**5.9**	*0.70*	0.67	*0.09*
Italy, Reggio Emilia	1404	**54.2**	*1.57*	6.80	*0.23*	416	**14.2**	*0.81*	1.78	*0.11*
Italy, Romagna	3436	**49.1**	*0.93*	5.90	*0.14*	1074	**14.5**	*0.52*	1.74	*0.07*
Italy, Salerno	2414	**47.8**	*1.04*	6.02	*0.15*	399	**7.0**	*0.40*	0.82	*0.05*
Italy, Sassari	998	**45.8**	*1.51*	5.81	*0.23*	278	**11.7**	*0.76*	1.40	*0.10*
Italy, Sondrio	524	**60.4**	*2.74*	7.64	*0.41*	145	**13.3**	*1.28*	1.61	*0.18*
Italy, South Tyrol	599	**34.8**	*1.50*	4.02	*0.21*	253	**11.6**	*0.84*	1.35	*0.12*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Trachea, bronchus and lung (C33-34) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	802	**44.3**	*1.65*	5.68	*0.24*	161	**8.2**	*0.72*	0.90	*0.09*
Italy, Trapani	638	**38.9**	*1.66*	4.97	*0.24*	126	**6.6**	*0.67*	0.82	*0.09*
Italy, Trento	732	**37.4**	*1.47*	4.56	*0.22*	243	**10.1**	*0.77*	1.23	*0.11*
Italy, Turin	2647	**51.3**	*1.08*	6.48	*0.16*	930	**14.1**	*0.56*	1.69	*0.07*
Italy, Umbria	2061	**40.3**	*0.99*	5.06	*0.15*	644	**11.4**	*0.54*	1.40	*0.07*
Italy, Varese	2170	**51.3**	*1.15*	6.38	*0.17*	646	**12.6**	*0.57*	1.46	*0.07*
Italy, Veneto	4752	**50.2**	*0.77*	6.28	*0.12*	1651	**13.7**	*0.40*	1.62	*0.05*
Latvia	3998	**63.4**	*1.02*	8.48	*0.15*	961	**8.8**	*0.32*	1.05	*0.04*
Lithuania	6575	**58.5**	*0.74*	7.67	*0.11*	1318	**6.7**	*0.21*	0.75	*0.03*
Malta	560	**34.5**	*1.50*	4.32	*0.23*	119	**6.7**	*0.64*	0.85	*0.09*
*The Netherlands	33332	**49.4**	*0.28*	6.32	*0.04*	17411	**25.1**	*0.20*	3.20	*0.03*
*The Netherlands, Eindhoven	2269	**52.2**	*1.12*	6.56	*0.17*	1047	**24.4**	*0.79*	3.12	*0.11*
Norway	7182	**36.7**	*0.46*	4.65	*0.07*	4886	**23.3**	*0.36*	3.08	*0.06*
Poland, Cracow	1252	**58.7**	*1.70*	7.69	*0.25*	568	**17.9**	*0.81*	2.20	*0.11*
Poland, Kielce	3087	**66.4**	*1.24*	8.66	*0.18*	721	**12.4**	*0.50*	1.48	*0.07*
Poland, Lower Silesia	6635	**67.9**	*0.87*	8.85	*0.13*	2705	**20.3**	*0.42*	2.52	*0.06*
Poland, Podkarpackie	4140	**61.0**	*0.98*	7.91	*0.15*	959	**10.6**	*0.37*	1.27	*0.05*
Portugal, Azores	486	**63.0**	*2.95*	8.22	*0.44*	69	**6.8**	*0.90*	0.79	*0.12*
Russian Federation, Saint Petersburg	7116	**48.1**	*0.59*	6.21	*0.09*	2139	**7.5**	*0.18*	0.86	*0.02*
*Serbia, Central	12632	**55.4**	*0.51*	7.08	*0.07*	3965	**15.3**	*0.26*	1.88	*0.03*
Slovakia	9453	**56.2**	*0.59*	7.26	*0.09*	2465	**10.5**	*0.22*	1.23	*0.03*
Slovenia	4507	**57.5**	*0.87*	7.36	*0.13*	1527	**15.2**	*0.42*	1.81	*0.06*
Spain, Albacete	759	**45.5**	*1.82*	5.60	*0.26*	95	**5.2**	*0.62*	0.60	*0.08*
Spain, Asturias	3221	**59.4**	*1.15*	7.21	*0.16*	545	**9.1**	*0.45*	1.02	*0.05*
Spain, Basque Country	5205	**53.5**	*0.78*	6.47	*0.11*	978	**9.8**	*0.34*	1.06	*0.04*
Spain, Canary Islands	2001	**43.4**	*0.99*	5.42	*0.14*	442	**9.1**	*0.46*	1.00	*0.06*
Spain, Ciudad Real	952	**51.2**	*1.87*	6.29	*0.27*	114	**4.9**	*0.56*	0.50	*0.07*
Spain, Cuenca	527	**46.6**	*2.38*	5.91	*0.33*	58	**4.7**	*0.79*	0.54	*0.10*
Spain, Girona	1478	**53.0**	*1.48*	6.54	*0.21*	240	**8.3**	*0.60*	0.98	*0.08*
*Spain, Granada	1510	**43.4**	*1.20*	5.51	*0.17*	210	**6.0**	*0.45*	0.69	*0.06*
Spain, La Rioja	592	**42.1**	*1.89*	5.03	*0.26*	89	**6.0**	*0.74*	0.65	*0.09*
Spain, Mallorca	1755	**59.5**	*1.48*	7.55	*0.22*	352	**11.4**	*0.65*	1.32	*0.08*
Spain, Murcia	2572	**52.9**	*1.10*	6.58	*0.16*	339	**6.5**	*0.38*	0.76	*0.05*
Spain, Navarra	1350	**50.5**	*1.48*	6.17	*0.21*	232	**8.9**	*0.65*	0.97	*0.08*
Spain, Tarragona	1567	**52.9**	*1.43*	6.52	*0.20*	254	**8.4**	*0.58*	0.98	*0.07*
*Sweden	9087	**20.7**	*0.23*	2.72	*0.04*	7791	**17.2**	*0.21*	2.27	*0.03*
Switzerland, Basel	754	**36.3**	*1.39*	4.63	*0.21*	402	**16.7**	*0.92*	2.10	*0.13*
Switzerland, Geneva	743	**42.9**	*1.63*	5.27	*0.25*	405	**18.7**	*1.01*	2.39	*0.15*
Switzerland, Graubünden and Glarus	440	**43.6**	*2.16*	5.90	*0.34*	181	**16.9**	*1.36*	2.12	*0.19*
Switzerland, Neuchâtel	358	**48.9**	*2.73*	6.43	*0.42*	186	**22.5**	*1.82*	2.87	*0.25*
Switzerland, St Gall−Appenzell	804	**36.3**	*1.33*	4.78	*0.21*	354	**15.0**	*0.87*	1.81	*0.12*
Switzerland, Ticino	674	**44.3**	*1.78*	5.67	*0.26*	335	**17.8**	*1.10*	2.31	*0.16*
Switzerland, Valais	523	**41.4**	*1.88*	5.21	*0.28*	235	**17.4**	*1.22*	2.18	*0.17*
Switzerland, Vaud	1125	**43.1**	*1.34*	5.45	*0.20*	650	**21.3**	*0.90*	2.76	*0.13*
Switzerland, Zurich	1941	**35.6**	*0.84*	4.46	*0.13*	1109	**18.0**	*0.59*	2.27	*0.08*
Ukraine	79481	**50.9**	*0.18*	6.67	*0.03*	16290	**6.4**	*0.05*	0.78	*0.01*
UK, England	91908	**39.1**	*0.14*	4.67	*0.02*	66276	**23.6**	*0.10*	2.91	*0.02*
UK, England, East of England Region	9242	**33.2**	*0.37*	3.90	*0.06*	6224	**19.2**	*0.28*	2.35	*0.04*
UK, England, North Western	14188	**47.4**	*0.42*	5.73	*0.06*	11280	**30.8**	*0.33*	3.84	*0.05*
UK, England, Northern and Yorkshire	15174	**47.6**	*0.41*	5.69	*0.06*	11882	**30.9**	*0.32*	3.84	*0.05*
UK, England, Oxford Region	3934	**32.9**	*0.55*	3.88	*0.08*	2700	**18.9**	*0.41*	2.29	*0.06*
UK, England, South and Western Regions	11849	**32.3**	*0.32*	3.80	*0.05*	8179	**18.9**	*0.24*	2.31	*0.04*
UK, England, Thames	17470	**36.8**	*0.30*	4.40	*0.05*	12693	**21.6**	*0.22*	2.63	*0.03*
UK, England, Trent	6035	**40.9**	*0.56*	4.89	*0.09*	4309	**25.7**	*0.44*	3.18	*0.07*
UK, England, West Midlands	10021	**39.4**	*0.42*	4.71	*0.06*	6426	**21.5**	*0.30*	2.63	*0.04*
UK, Northern Ireland	2855	**42.5**	*0.83*	5.32	*0.13*	1916	**23.7**	*0.59*	2.96	*0.09*
UK, Scotland	12712	**54.7**	*0.51*	6.66	*0.08*	10941	**37.1**	*0.39*	4.66	*0.06*
UK, Wales	6488	**43.2**	*0.57*	5.14	*0.09*	4626	**26.3**	*0.44*	3.29	*0.06*
Oceania										
Australian Capital Territory	263	**24.5**	*1.56*	2.89	*0.25*	199	**16.7**	*1.25*	2.13	*0.20*
Australia, New South Wales	9665	**34.7**	*0.37*	4.26	*0.06*	5824	**19.2**	*0.28*	2.38	*0.04*
Australia, Northern Territory	208	**46.2**	*3.37*	5.94	*0.54*	91	**22.9**	*2.53*	2.95	*0.40*
Australia, Northern Territory: Indigenous	50	**69.9**	*10.48*	9.00	*1.58*	28	**31.9**	*6.13*	4.49	*0.94*
Australia, Northern Territory: Non−Indigenous	158	**42.6**	*3.56*	5.48	*0.58*	63	**20.3**	*2.75*	2.50	*0.44*
Australia, Queensland	5900	**38.2**	*0.52*	4.76	*0.08*	3218	**19.8**	*0.37*	2.47	*0.06*
South Australia	2442	**34.5**	*0.74*	4.16	*0.12*	1426	**17.8**	*0.53*	2.16	*0.08*
Australia, Tasmania	838	**39.6**	*1.43*	5.01	*0.23*	527	**22.7**	*1.07*	2.81	*0.16*
Australia, Victoria	7358	**35.2**	*0.43*	4.22	*0.07*	4435	**18.6**	*0.31*	2.27	*0.05*
Western Australia	2787	**35.7**	*0.70*	4.31	*0.11*	1674	**19.7**	*0.52*	2.41	*0.08*
New Zealand	5124	**33.3**	*0.48*	4.09	*0.08*	3873	**23.5**	*0.40*	2.99	*0.06*
New Zealand: Maori	719	**78.8**	*3.03*	10.24	*0.46*	839	**79.0**	*2.78*	10.20	*0.42*
New Zealand: Pacific Islander	240	**65.8**	*4.49*	8.22	*0.67*	120	**25.0**	*2.33*	3.00	*0.35*
New Zealand: Other	4165	**28.7**	*0.47*	3.47	*0.07*	2914	**18.7**	*0.38*	2.37	*0.06*
USA, Hawaii	2214	**43.8**	*0.99*	5.58	*0.16*	1555	**26.2**	*0.74*	3.36	*0.11*
*USA, Hawaii: Chinese	118	**36.3**	*3.74*	4.90	*0.61*	92	**22.4**	*2.72*	2.77	*0.42*
*USA, Hawaii: Filipino	389	**67.3**	*3.70*	9.23	*0.59*	213	**28.0**	*2.07*	3.49	*0.31*
*USA, Hawaii: Hawaiian	347	**58.6**	*3.28*	8.42	*0.56*	305	**39.0**	*2.36*	5.31	*0.37*
*USA, Hawaii: Japanese	575	**36.6**	*1.71*	4.21	*0.26*	346	**15.9**	*1.05*	2.06	*0.17*
*USA, Hawaii: White	630	**45.1**	*1.89*	5.55	*0.31*	484	**34.7**	*1.75*	4.52	*0.29*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other thoracic organs (C37-38)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	42	**1.6**	*0.27*	–	-	25	**0.9**	*0.20*	–	-
Egypt, Gharbiah	19	**0.3**	*0.07*	0.02	*0.01*	18	**0.2**	*0.06*	0.02	*0.01*
*Libya, Benghazi	1	**0.0**	*0.04*	0.00	*0.00*	3	**0.2**	*0.12*	0.03	*0.03*
*Malawi, Blantyre	0	**-**	-	–	-	1	**-**	-	–	-
*South Africa, PROMEC	1	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	–	-
*Tunisia, North	26	**0.4**	*0.07*	0.04	*0.01*	16	**0.2**	*0.06*	0.02	*0.01*
*Uganda, Kyadondo County	11	**0.6**	*0.24*	0.10	*0.06*	9	**0.8**	*0.30*	0.14	*0.05*
*Zimbabwe, Harare: African	5	**0.2**	*0.16*	0.04	*0.04*	3	**0.2**	*0.11*	0.01	*0.01*
America, Central and South										
Argentina, Bahía Blanca	10	**1.4**	*0.45*	0.15	*0.05*	8	**0.5**	*0.23*	0.03	*0.02*
Argentina, Córdoba	33	**1.3**	*0.22*	0.15	*0.03*	24	**0.7**	*0.15*	0.09	*0.02*
Argentina, Mendoza	29	**0.7**	*0.13*	0.07	*0.02*	27	**0.5**	*0.10*	0.04	*0.01*
*Argentina, Tierra del Fuego	2	**0.9**	*0.71*	0.10	*0.09*	0	**-**	-	–	-
Brazil, Aracaju	2	**0.2**	*0.16*	0.02	*0.01*	2	**0.2**	*0.12*	0.01	*0.01*
Brazil, Belo Horizonte	22	**0.8**	*0.17*	0.10	*0.03*	13	**0.3**	*0.10*	0.03	*0.01*
Brazil, Cuiabá	18	**2.0**	*0.50*	0.15	*0.06*	9	**0.8**	*0.28*	0.08	*0.03*
Brazil, Fortaleza	19	**0.6**	*0.14*	0.06	*0.02*	18	**0.4**	*0.09*	0.04	*0.01*
Brazil, Goiânia	15	**0.6**	*0.17*	0.06	*0.02*	14	**0.5**	*0.14*	0.04	*0.01*
*Brazil, São Paulo	151	**0.7**	*0.06*	0.08	*0.01*	121	**0.4**	*0.04*	0.04	*0.00*
Chile, Region of Antofagasta	42	**3.5**	*0.55*	0.35	*0.07*	19	**1.4**	*0.33*	0.13	*0.04*
Chile, Bío Bío Province	8	**0.9**	*0.32*	0.13	*0.05*	5	**0.4**	*0.19*	0.05	*0.03*
Chile, Valdivia	4	**0.4**	*0.21*	0.05	*0.03*	2	**0.1**	*0.08*	–	-
Colombia, Bucaramanga	18	**0.8**	*0.19*	0.07	*0.02*	13	**0.4**	*0.12*	0.04	*0.02*
Colombia, Cali	21	**0.5**	*0.11*	0.05	*0.01*	30	**0.6**	*0.11*	0.06	*0.01*
Colombia, Manizales	7	**0.8**	*0.29*	0.08	*0.03*	7	**0.5**	*0.21*	0.03	*0.01*
Colombia, Pasto	4	**0.5**	*0.27*	0.08	*0.05*	3	**0.2**	*0.13*	0.01	*0.01*
Costa Rica	44	**0.4**	*0.07*	0.04	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
Cuba, Villa Clara	18	**0.8**	*0.21*	0.08	*0.02*	16	**0.6**	*0.17*	0.08	*0.02*
Ecuador, Cuenca	6	**0.7**	*0.29*	0.08	*0.04*	3	**0.3**	*0.17*	0.03	*0.02*
Ecuador, Quito	14	**0.4**	*0.12*	0.04	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
*France, Martinique	10	**0.8**	*0.26*	0.10	*0.03*	8	**0.5**	*0.19*	0.06	*0.02*
*Jamaica, Kingston and St Andrew	4	**0.3**	*0.16*	0.04	*0.02*	5	**0.3**	*0.14*	0.02	*0.01*
USA, Puerto Rico	38	**0.4**	*0.06*	0.03	*0.01*	27	**0.2**	*0.05*	0.02	*0.00*
Uruguay	46	**0.8**	*0.13*	0.08	*0.01*	38	**0.5**	*0.10*	0.05	*0.01*
America, North										
Canada	540	**0.5**	*0.02*	0.05	*0.00*	415	**0.3**	*0.02*	0.04	*0.00*
Canada, Alberta	33	**0.3**	*0.06*	0.03	*0.01*	35	**0.3**	*0.06*	0.04	*0.01*
Canada, British Columbia	61	**0.5**	*0.06*	0.04	*0.01*	40	**0.3**	*0.05*	0.03	*0.01*
Canada, Manitoba	16	**0.4**	*0.12*	0.05	*0.01*	7	**0.1**	*0.05*	0.02	*0.01*
Canada, New Brunswick	6	**0.2**	*0.10*	0.02	*0.01*	7	**0.2**	*0.09*	0.02	*0.01*
Canada, Newfoundland and Labrador	3	**0.1**	*0.08*	0.01	*0.01*	2	**0.2**	*0.13*	0.01	*0.01*
*Canada, Northwest Territories	0	**-**	-	–	-	0	**-**	-	–	-
Canada, Nova Scotia	17	**0.4**	*0.11*	0.05	*0.02*	8	**0.2**	*0.07*	0.03	*0.01*
Canada, Ontario	204	**0.5**	*0.04*	0.05	*0.00*	166	**0.4**	*0.03*	0.04	*0.00*
Canada, Prince Edward Island	2	**0.6**	*0.41*	0.04	*0.03*	1	**0.2**	*0.21*	0.03	*0.03*
*Canada, Quebec	183	**0.7**	*0.06*	0.07	*0.01*	134	**0.4**	*0.05*	0.04	*0.00*
Canada, Saskatchewan	15	**0.5**	*0.15*	0.06	*0.02*	15	**0.4**	*0.12*	0.05	*0.01*
*Canada, Yukon	0	**-**	-	–	-	0	**-**	-	–	-
USA, NPCR (42 states)	3460	**0.4**	*0.01*	0.04	*0.00*	2442	**0.3**	*0.01*	0.03	*0.00*
USA, NPCR (42 states): American Indian	18	**0.3**	*0.06*	0.02	*0.01*	10	**0.1**	*0.05*	0.01	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	166	**0.5**	*0.04*	0.05	*0.01*	114	**0.3**	*0.03*	0.03	*0.00*
USA, NPCR (42 states): Black	411	**0.5**	*0.02*	0.05	*0.00*	424	**0.4**	*0.02*	0.04	*0.00*
USA, NPCR (42 states): White	2802	**0.4**	*0.01*	0.04	*0.00*	1860	**0.2**	*0.01*	0.03	*0.00*
USA, SEER (9 registries)	457	**0.6**	*0.03*	0.06	*0.00*	297	**0.3**	*0.02*	0.03	*0.00*
*USA, SEER (9 registries): Black	43	**0.5**	*0.08*	0.05	*0.01*	40	**0.4**	*0.07*	0.04	*0.01*
*USA, SEER (9 registries): White	336	**0.5**	*0.03*	0.05	*0.00*	212	**0.3**	*0.02*	0.03	*0.00*
USA, SEER (18 registries)	1195	**0.5**	*0.02*	0.05	*0.00*	765	**0.3**	*0.01*	0.03	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	146	**0.7**	*0.06*	0.08	*0.01*	94	**0.4**	*0.04*	0.04	*0.01*
*USA, SEER (18 registries): Black	104	**0.4**	*0.04*	0.04	*0.01*	116	**0.4**	*0.04*	0.04	*0.00*
*USA, SEER (18 registries): Hispanic White	174	**0.5**	*0.04*	0.04	*0.00*	82	**0.2**	*0.03*	0.02	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	753	**0.5**	*0.02*	0.05	*0.00*	465	**0.3**	*0.01*	0.03	*0.00*
*USA, SEER (18 registries): White	927	**0.5**	*0.02*	0.05	*0.00*	547	**0.3**	*0.01*	0.03	*0.00*
USA, Alabama	47	**0.3**	*0.05*	0.03	*0.00*	40	**0.3**	*0.05*	0.02	*0.00*
USA, Alabama: Black	9	**0.3**	*0.09*	0.02	*0.01*	12	**0.3**	*0.09*	0.03	*0.01*
USA, Alabama: White	38	**0.4**	*0.06*	0.03	*0.01*	27	**0.2**	*0.06*	0.02	*0.00*
USA, Alaska	3	**0.1**	*0.09*	0.01	*0.01*	3	**0.2**	*0.09*	0.02	*0.02*
*USA, Alaska: American Indian	1	**0.3**	*0.31*	–	-	0	**-**	-	–	-
USA, Arizona	52	**0.3**	*0.04*	0.03	*0.00*	38	**0.2**	*0.03*	0.02	*0.00*
USA, Arizona: American Indian	1	**0.1**	*0.14*	–	-	1	**0.1**	*0.13*	0.02	*0.02*
USA, Arizona: Asian and Pacific Islander	2	**0.6**	*0.42*	0.06	*0.05*	2	**0.4**	*0.27*	0.03	*0.02*
USA, Arizona: Black	1	**0.2**	*0.24*	–	-	1	**0.2**	*0.18*	0.02	*0.02*
USA, Arizona: White	48	**0.3**	*0.05*	0.03	*0.01*	34	**0.2**	*0.04*	0.02	*0.00*
USA, Arkansas	38	**0.4**	*0.07*	0.05	*0.01*	22	**0.2**	*0.06*	0.03	*0.01*
USA, Arkansas: Black	4	**0.4**	*0.20*	0.05	*0.03*	4	**0.4**	*0.21*	0.05	*0.03*
USA, Arkansas: White	32	**0.4**	*0.07*	0.04	*0.01*	17	**0.2**	*0.05*	0.03	*0.01*
USA, California	501	**0.5**	*0.02*	0.05	*0.00*	287	**0.3**	*0.02*	0.03	*0.00*
USA, California: American Indian	1	**0.1**	*0.08*	–	-	1	**0.1**	*0.11*	0.02	*0.02*
USA, California: Asian and Pacific Islander	79	**0.6**	*0.07*	0.06	*0.01*	47	**0.3**	*0.04*	0.03	*0.01*
USA, California: Black	28	**0.4**	*0.08*	0.04	*0.01*	29	**0.4**	*0.08*	0.05	*0.01*
USA, California: White	383	**0.5**	*0.03*	0.04	*0.00*	207	**0.2**	*0.02*	0.02	*0.00*
USA, California, Los Angeles County	138	**0.5**	*0.04*	0.05	*0.00*	89	**0.3**	*0.03*	0.03	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	23	**0.6**	*0.13*	0.06	*0.01*	22	**0.4**	*0.09*	0.04	*0.01*
*USA, California, Los Angeles County: Black	8	**0.3**	*0.11*	0.03	*0.01*	11	**0.4**	*0.11*	0.05	*0.02*
*USA, California, Los Angeles County: Chinese	7	**0.7**	*0.27*	0.07	*0.03*	5	**0.3**	*0.16*	0.03	*0.02*
*USA, California, Los Angeles County: Filipino	5	**0.6**	*0.26*	0.06	*0.03*	8	**0.5**	*0.20*	0.04	*0.02*
*USA, California, Los Angeles County: Hispanic White	48	**0.4**	*0.06*	0.04	*0.01*	22	**0.2**	*0.05*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other thoracic organs (C37-38) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	4	**0.7**	*0.37*	0.07	*0.04*	2	**0.3**	*0.22*	0.02	*0.02*
*USA, California, Los Angeles County: Korean	1	**0.2**	*0.19*	0.05	*0.05*	2	**0.3**	*0.18*	0.02	*0.02*
*USA, California, Los Angeles County: Non−Hispanic White	59	**0.6**	*0.09*	0.05	*0.01*	34	**0.3**	*0.05*	0.03	*0.01*
*USA, California, Los Angeles County: White	107	**0.5**	*0.05*	0.05	*0.01*	56	**0.2**	*0.04*	0.03	*0.00*
USA, California, San Francisco Bay Area	75	**0.6**	*0.07*	0.06	*0.01*	46	**0.3**	*0.05*	0.03	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	28	**1.0**	*0.20*	0.13	*0.03*	10	**0.3**	*0.09*	0.04	*0.01*
*USA, California, San Francisco Bay Area: Black	5	**0.4**	*0.18*	0.04	*0.02*	6	**0.5**	*0.19*	0.06	*0.03*
*USA, California, San Francisco Bay Area: Hispanic White	10	**0.5**	*0.17*	0.05	*0.03*	7	**0.3**	*0.14*	0.02	*0.01*
*USA, California, San Francisco Bay Area: Non−Hispanic White	31	**0.4**	*0.07*	0.04	*0.01*	23	**0.3**	*0.07*	0.03	*0.01*
*USA, California, San Francisco Bay Area: White	41	**0.4**	*0.07*	0.04	*0.01*	30	**0.3**	*0.06*	0.03	*0.01*
USA, Colorado	69	**0.5**	*0.07*	0.05	*0.01*	41	**0.3**	*0.05*	0.03	*0.01*
USA, Colorado: Asian and Pacific Islander	3	**0.9**	*0.58*	0.07	*0.06*	1	**0.2**	*0.24*	0.02	*0.02*
USA, Colorado: Black	2	**0.4**	*0.32*	0.05	*0.04*	3	**0.7**	*0.41*	0.06	*0.04*
USA, Colorado: White	63	**0.5**	*0.07*	0.05	*0.01*	35	**0.2**	*0.04*	0.03	*0.01*
USA, Connecticut	73	**0.7**	*0.09*	0.07	*0.01*	49	**0.4**	*0.07*	0.04	*0.01*
*USA, Connecticut: Black	5	**0.5**	*0.22*	0.04	*0.02*	5	**0.4**	*0.20*	0.04	*0.02*
*USA, Connecticut: White	66	**0.7**	*0.10*	0.07	*0.01*	43	**0.4**	*0.07*	0.04	*0.01*
USA, Delaware	10	**0.4**	*0.12*	0.04	*0.01*	10	**0.4**	*0.12*	0.04	*0.01*
USA, Delaware: Black	3	**0.7**	*0.40*	0.07	*0.04*	3	**0.5**	*0.29*	0.04	*0.03*
USA, Delaware: White	7	**0.3**	*0.13*	0.03	*0.02*	7	**0.3**	*0.13*	0.04	*0.01*
USA, Florida	222	**0.4**	*0.03*	0.04	*0.00*	173	**0.3**	*0.02*	0.03	*0.00*
USA, Florida: Asian and Pacific Islander	2	**0.2**	*0.11*	0.01	*0.01*	3	**0.2**	*0.11*	0.02	*0.01*
USA, Florida: Black	19	**0.3**	*0.07*	0.03	*0.01*	40	**0.5**	*0.08*	0.06	*0.01*
USA, Florida: White	193	**0.4**	*0.03*	0.04	*0.00*	129	**0.2**	*0.02*	0.02	*0.00*
USA, Georgia	112	**0.4**	*0.04*	0.05	*0.01*	64	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia: Asian and Pacific Islander	1	**0.1**	*0.13*	0.01	*0.01*	2	**0.3**	*0.24*	0.06	*0.05*
USA, Georgia: Black	28	**0.5**	*0.09*	0.05	*0.01*	18	**0.2**	*0.06*	0.02	*0.01*
USA, Georgia: White	82	**0.4**	*0.05*	0.05	*0.01*	44	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia, Atlanta	46	**0.6**	*0.09*	0.06	*0.01*	21	**0.2**	*0.05*	0.02	*0.01*
*USA, Georgia, Atlanta: Black	13	**0.5**	*0.14*	0.06	*0.02*	9	**0.3**	*0.10*	0.03	*0.01*
*USA, Georgia, Atlanta: White	31	**0.6**	*0.11*	0.07	*0.01*	11	**0.2**	*0.05*	0.02	*0.01*
USA, Idaho	12	**0.3**	*0.08*	0.03	*0.01*	15	**0.4**	*0.12*	0.04	*0.01*
USA, Illinois	180	**0.5**	*0.04*	0.05	*0.00*	123	**0.3**	*0.03*	0.03	*0.00*
USA, Illinois: Asian and Pacific Islander	7	**0.5**	*0.19*	0.06	*0.03*	4	**0.3**	*0.14*	0.04	*0.02*
USA, Illinois: Black	29	**0.7**	*0.12*	0.08	*0.02*	20	**0.3**	*0.08*	0.04	*0.01*
USA, Illinois: White	141	**0.5**	*0.04*	0.05	*0.00*	98	**0.3**	*0.03*	0.03	*0.00*
USA, Indiana	75	**0.4**	*0.05*	0.04	*0.01*	53	**0.2**	*0.04*	0.02	*0.00*
USA, Indiana: Black	9	**0.7**	*0.24*	0.08	*0.03*	7	**0.4**	*0.15*	0.03	*0.01*
USA, Indiana: White	64	**0.4**	*0.05*	0.04	*0.01*	46	**0.2**	*0.04*	0.02	*0.00*
USA, Iowa	29	**0.3**	*0.06*	0.03	*0.01*	25	**0.3**	*0.06*	0.02	*0.00*
USA, Kentucky	52	**0.4**	*0.06*	0.04	*0.01*	42	**0.3**	*0.06*	0.03	*0.01*
USA, Louisiana	42	**0.4**	*0.07*	0.04	*0.01*	40	**0.4**	*0.07*	0.04	*0.01*
*USA, Louisiana: Black	11	**0.4**	*0.12*	0.03	*0.01*	17	**0.6**	*0.14*	0.06	*0.02*
*USA, Louisiana: White	31	**0.5**	*0.09*	0.04	*0.01*	21	**0.3**	*0.07*	0.03	*0.01*
*USA, Louisiana, New Orleans	12	**0.5**	*0.15*	0.06	*0.02*	14	**0.6**	*0.18*	0.06	*0.02*
*USA, Louisiana, New Orleans: Black	4	**0.7**	*0.33*	0.06	*0.04*	6	**0.7**	*0.31*	0.06	*0.03*
*USA, Louisiana, New Orleans: White	8	**0.5**	*0.17*	0.07	*0.03*	7	**0.3**	*0.14*	0.05	*0.02*
USA, Maine	16	**0.3**	*0.09*	0.04	*0.01*	17	**0.4**	*0.12*	0.03	*0.01*
USA, Massachusetts	109	**0.6**	*0.06*	0.05	*0.01*	75	**0.3**	*0.05*	0.03	*0.00*
USA, Massachusetts: Asian and Pacific Islander	6	**0.8**	*0.32*	0.06	*0.03*	3	**0.3**	*0.17*	0.02	*0.01*
USA, Massachusetts: Black	7	**0.6**	*0.24*	0.05	*0.02*	4	**0.3**	*0.15*	0.02	*0.02*
USA, Massachusetts: White	94	**0.5**	*0.06*	0.05	*0.01*	68	**0.3**	*0.05*	0.03	*0.00*
USA, Michigan	158	**0.6**	*0.05*	0.05	*0.00*	115	**0.3**	*0.03*	0.03	*0.00*
USA, Michigan: Asian and Pacific Islander	1	**0.1**	*0.14*	0.01	*0.01*	1	**0.1**	*0.13*	–	-
USA, Michigan: Black	22	**0.6**	*0.14*	0.06	*0.02*	23	**0.5**	*0.12*	0.05	*0.01*
USA, Michigan: White	130	**0.5**	*0.05*	0.05	*0.00*	91	**0.3**	*0.03*	0.03	*0.00*
USA, Michigan, Detroit	72	**0.6**	*0.08*	0.06	*0.01*	56	**0.4**	*0.06*	0.04	*0.01*
*USA, Michigan, Detroit: Black	15	**0.6**	*0.15*	0.06	*0.02*	17	**0.5**	*0.13*	0.05	*0.02*
*USA, Michigan, Detroit: White	56	**0.7**	*0.10*	0.06	*0.01*	38	**0.4**	*0.07*	0.04	*0.01*
USA, Mississippi	33	**0.4**	*0.08*	0.04	*0.01*	21	**0.2**	*0.05*	0.02	*0.01*
USA, Missouri	63	**0.4**	*0.05*	0.03	*0.01*	44	**0.2**	*0.03*	0.02	*0.00*
USA, Missouri: Black	10	**0.6**	*0.20*	0.07	*0.03*	7	**0.3**	*0.13*	0.03	*0.01*
USA, Missouri: White	53	**0.4**	*0.05*	0.03	*0.01*	37	**0.2**	*0.03*	0.02	*0.00*
USA, Montana	13	**0.4**	*0.11*	0.04	*0.01*	6	**0.2**	*0.09*	0.02	*0.01*
USA, Montana: American Indian	1	**0.7**	*0.73*	–	-	1	**0.8**	*0.76*	0.05	*0.05*
USA, Nebraska	19	**0.4**	*0.09*	0.03	*0.01*	19	**0.3**	*0.08*	0.04	*0.01*
USA, Nebraska: Black	4	**2.5**	*1.30*	0.32	*0.21*	0	**-**	-	–	-
USA, Nebraska: White	15	**0.3**	*0.08*	0.03	*0.01*	19	**0.3**	*0.09*	0.04	*0.01*
USA, New Hampshire	10	**0.3**	*0.10*	0.03	*0.01*	12	**0.2**	*0.07*	0.03	*0.01*
USA, New Jersey	151	**0.6**	*0.05*	0.06	*0.01*	102	**0.3**	*0.03*	0.03	*0.00*
*USA, New Jersey: Black	11	**0.3**	*0.10*	0.04	*0.01*	18	**0.4**	*0.10*	0.04	*0.01*
*USA, New Jersey: White	119	**0.6**	*0.06*	0.05	*0.01*	72	**0.2**	*0.03*	0.03	*0.00*
USA, New Mexico	23	**0.4**	*0.09*	0.04	*0.01*	13	**0.2**	*0.06*	0.02	*0.01*
*USA, New Mexico: Hispanic White	12	**0.5**	*0.16*	0.05	*0.02*	6	**0.2**	*0.10*	0.01	*0.01*
*USA, New Mexico: Non−Hispanic White	10	**0.4**	*0.12*	0.04	*0.01*	6	**0.2**	*0.10*	0.03	*0.01*
*USA, New Mexico: White	22	**0.5**	*0.10*	0.04	*0.01*	12	**0.2**	*0.07*	0.02	*0.01*
USA, New York State	321	**0.5**	*0.03*	0.06	*0.00*	281	**0.4**	*0.03*	0.04	*0.00*
USA, New York State: Asian and Pacific Islander	21	**0.7**	*0.15*	0.06	*0.02*	22	**0.6**	*0.13*	0.07	*0.02*
USA, New York State: Black	40	**0.5**	*0.07*	0.05	*0.01*	57	**0.5**	*0.07*	0.05	*0.01*
USA, New York State: White	249	**0.5**	*0.04*	0.06	*0.00*	195	**0.4**	*0.03*	0.04	*0.00*
USA, North Carolina	105	**0.4**	*0.04*	0.04	*0.00*	76	**0.3**	*0.03*	0.02	*0.00*
USA, North Carolina: American Indian	1	**0.4**	*0.44*	0.07	*0.07*	0	**-**	-	–	-
USA, North Carolina: Asian and Pacific Islander	4	**1.0**	*0.53*	0.14	*0.10*	2	**0.6**	*0.44*	0.06	*0.04*
USA, North Carolina: Black	25	**0.5**	*0.11*	0.06	*0.01*	19	**0.3**	*0.08*	0.03	*0.01*
USA, North Carolina: White	75	**0.4**	*0.05*	0.04	*0.01*	54	**0.2**	*0.04*	0.02	*0.00*
USA, North Dakota	9	**0.5**	*0.19*	0.04	*0.02*	4	**0.2**	*0.14*	0.02	*0.01*
USA, Ohio	150	**0.4**	*0.04*	0.04	*0.00*	108	**0.3**	*0.03*	0.03	*0.00*
USA, Ohio: Asian and Pacific Islander	1	**0.3**	*0.28*	0.05	*0.05*	3	**0.6**	*0.35*	0.06	*0.05*
USA, Ohio: Black	13	**0.3**	*0.10*	0.03	*0.01*	23	**0.5**	*0.11*	0.06	*0.01*
USA, Ohio: White	135	**0.5**	*0.04*	0.04	*0.00*	79	**0.2**	*0.03*	0.02	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other thoracic organs (C37-38) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	34	**0.3**	*0.06*	0.03	*0.01*	27	**0.2**	*0.04*	0.02	*0.01*
USA, Oklahoma: American Indian	3	**0.3**	*0.19*	0.03	*0.02*	4	**0.5**	*0.23*	0.05	*0.03*
USA, Oklahoma: Black	3	**0.4**	*0.23*	0.02	*0.01*	3	**0.3**	*0.16*	0.01	*0.01*
USA, Oklahoma: White	27	**0.3**	*0.06*	0.03	*0.01*	20	**0.2**	*0.04*	0.02	*0.01*
USA, Oregon	52	**0.4**	*0.07*	0.04	*0.01*	30	**0.2**	*0.05*	0.02	*0.00*
USA, Oregon: Asian and Pacific Islander	1	**0.3**	*0.26*	0.02	*0.02*	0	**-**	-	–	-
USA, Oregon: Black	0	**-**	-	–	-	3	**1.3**	*0.78*	0.08	*0.06*
USA, Oregon: White	50	**0.5**	*0.07*	0.04	*0.01*	27	**0.2**	*0.05*	0.02	*0.01*
USA, Pennsylvania	197	**0.5**	*0.04*	0.05	*0.00*	135	**0.3**	*0.03*	0.03	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	4	**0.6**	*0.30*	0.07	*0.04*	1	**0.1**	*0.12*	0.01	*0.01*
USA, Pennsylvania: Black	26	**0.8**	*0.16*	0.09	*0.02*	22	**0.5**	*0.12*	0.05	*0.01*
USA, Pennsylvania: White	164	**0.4**	*0.04*	0.04	*0.00*	109	**0.3**	*0.03*	0.02	*0.00*
USA, Rhode Island	18	**0.5**	*0.13*	0.04	*0.01*	10	**0.4**	*0.14*	0.03	*0.01*
USA, Rhode Island: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Rhode Island: White	18	**0.6**	*0.15*	0.04	*0.01*	10	**0.4**	*0.16*	0.04	*0.01*
USA, South Carolina	43	**0.3**	*0.06*	0.03	*0.01*	35	**0.3**	*0.05*	0.03	*0.00*
USA, South Carolina: Black	15	**0.5**	*0.13*	0.06	*0.02*	14	**0.4**	*0.11*	0.04	*0.01*
USA, South Carolina: White	28	**0.3**	*0.06*	0.03	*0.01*	21	**0.2**	*0.06*	0.02	*0.01*
USA, South Dakota	5	**0.2**	*0.09*	0.02	*0.01*	2	**0.1**	*0.09*	0.00	*0.00*
USA, Tennessee	65	**0.4**	*0.05*	0.03	*0.00*	51	**0.3**	*0.04*	0.03	*0.00*
USA, Tennessee: Black	12	**0.6**	*0.16*	0.06	*0.02*	11	**0.4**	*0.12*	0.04	*0.01*
USA, Tennessee: White	51	**0.3**	*0.05*	0.03	*0.00*	39	**0.2**	*0.04*	0.03	*0.00*
USA, Texas	252	**0.4**	*0.03*	0.04	*0.00*	191	**0.3**	*0.02*	0.03	*0.00*
USA, Texas: Asian and Pacific Islander	6	**0.3**	*0.12*	0.02	*0.01*	6	**0.3**	*0.12*	0.04	*0.02*
USA, Texas: Black	32	**0.5**	*0.09*	0.04	*0.01*	36	**0.4**	*0.08*	0.05	*0.01*
USA, Texas: White	207	**0.4**	*0.03*	0.04	*0.00*	145	**0.2**	*0.02*	0.02	*0.00*
USA, Utah	35	**0.5**	*0.09*	0.05	*0.01*	17	**0.3**	*0.07*	0.02	*0.01*
USA, Vermont	14	**0.7**	*0.19*	0.09	*0.03*	7	**0.2**	*0.09*	0.02	*0.01*
USA, Virginia	82	**0.4**	*0.04*	0.04	*0.00*	78	**0.3**	*0.04*	0.03	*0.00*
USA, Virginia: Asian and Pacific Islander	3	**0.3**	*0.18*	0.04	*0.03*	3	**0.3**	*0.17*	0.05	*0.03*
USA, Virginia: Black	20	**0.5**	*0.12*	0.06	*0.02*	19	**0.4**	*0.10*	0.04	*0.01*
USA, Virginia: White	58	**0.3**	*0.05*	0.03	*0.00*	55	**0.3**	*0.04*	0.03	*0.00*
USA, Washington State	100	**0.5**	*0.06*	0.05	*0.01*	50	**0.3**	*0.04*	0.02	*0.00*
USA, Washington, Seattle	72	**0.6**	*0.07*	0.05	*0.01*	41	**0.3**	*0.05*	0.03	*0.01*
USA, West Virginia	21	**0.3**	*0.08*	0.03	*0.01*	11	**0.2**	*0.07*	0.02	*0.01*
USA, Wisconsin	72	**0.4**	*0.05*	0.04	*0.01*	45	**0.2**	*0.04*	0.02	*0.00*
USA, Wisconsin: Black	5	**0.8**	*0.37*	0.09	*0.05*	4	**0.5**	*0.26*	0.08	*0.05*
USA, Wisconsin: White	63	**0.4**	*0.05*	0.03	*0.00*	39	**0.2**	*0.05*	0.02	*0.00*
USA, Wyoming	5	**0.3**	*0.13*	0.03	*0.02*	4	**0.2**	*0.10*	0.02	*0.02*
Asia										
Bahrain: Bahraini	8	**0.9**	*0.33*	0.08	*0.04*	2	**0.3**	*0.20*	0.03	*0.02*
China, Beijing City	214	**0.9**	*0.08*	0.09	*0.01*	134	**0.6**	*0.07*	0.05	*0.01*
*China, Cixian County	9	**0.6**	*0.21*	0.07	*0.02*	4	**0.2**	*0.12*	0.01	*0.01*
China, Haining County	7	**0.3**	*0.13*	0.04	*0.02*	1	**0.1**	*0.06*	0.00	*0.00*
*China, Harbin City, Nangang District	30	**1.3**	*0.33*	0.13	*0.03*	23	**0.7**	*0.15*	0.08	*0.02*
China, Hong Kong	177	**0.9**	*0.07*	0.08	*0.01*	117	**0.5**	*0.05*	0.05	*0.01*
China, Jiashan County	11	**0.9**	*0.31*	0.07	*0.03*	3	**0.3**	*0.18*	0.02	*0.01*
China, Jiaxing City	9	**1.0**	*0.36*	0.11	*0.04*	3	**0.3**	*0.15*	0.04	*0.03*
China, Macao	10	**0.7**	*0.24*	0.08	*0.03*	8	**0.5**	*0.19*	0.05	*0.02*
China, Qidong County	26	**0.7**	*0.14*	0.07	*0.02*	19	**0.4**	*0.10*	0.06	*0.01*
*China, Shanghai City	269	**1.1**	*0.07*	0.11	*0.01*	194	**0.8**	*0.08*	0.08	*0.01*
*China, Wuhan City	152	**1.1**	*0.11*	0.13	*0.01*	80	**0.6**	*0.07*	0.06	*0.01*
*China, Yangcheng County	8	**0.9**	*0.33*	0.11	*0.05*	3	**0.3**	*0.15*	0.04	*0.03*
*China, Yanting County	7	**0.4**	*0.16*	0.06	*0.03*	0	**-**	-	–	-
*China, Zhongshan City	31	**1.2**	*0.21*	0.14	*0.03*	7	**0.2**	*0.09*	0.02	*0.01*
*India, Bangalore	36	**0.5**	*0.08*	0.06	*0.01*	34	**0.5**	*0.09*	0.06	*0.01*
*India; Barshi, Paranda, and Bhum	3	**0.2**	*0.15*	0.03	*0.02*	5	**0.5**	*0.24*	0.06	*0.03*
*India, Bhopal	5	**0.2**	*0.08*	0.01	*0.01*	2	**0.1**	*0.06*	0.01	*0.01*
*India, Chennai	30	**0.3**	*0.05*	0.03	*0.01*	20	**0.2**	*0.05*	0.02	*0.01*
*India, Dindigul, Ambilikkai	3	**0.1**	*0.03*	0.01	*0.00*	2	**0.0**	*0.03*	0.01	*0.01*
*India, Karunagappally	4	**0.4**	*0.22*	0.05	*0.03*	0	**-**	-	–	-
*India, Mizoram	3	**0.2**	*0.09*	0.02	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
*India, Mumbai	71	**0.3**	*0.03*	0.03	*0.00*	47	**0.2**	*0.03*	0.02	*0.00*
*India, New Delhi	91	**0.4**	*0.04*	0.04	*0.01*	66	**0.3**	*0.04*	0.03	*0.00*
*India, Poona	19	**0.3**	*0.06*	0.03	*0.01*	18	**0.2**	*0.06*	0.03	*0.01*
*India, Sikkim State	2	**0.2**	*0.14*	0.01	*0.01*	0	**-**	-	–	-
*India, Trivandrum	4	**0.2**	*0.12*	0.01	*0.01*	2	**0.1**	*0.09*	0.02	*0.01*
*Iran (Islamic Republic of), Golestan Province	7	**0.3**	*0.12*	0.03	*0.02*	4	**0.2**	*0.09*	0.01	*0.00*
Israel	107	**0.6**	*0.06*	0.06	*0.01*	71	**0.4**	*0.04*	0.03	*0.00*
*Israel: Jews	92	**0.6**	*0.06*	0.06	*0.01*	57	**0.3**	*0.05*	0.03	*0.00*
*Israel: Non–Jews	15	**0.6**	*0.18*	0.05	*0.02*	14	**0.6**	*0.15*	0.04	*0.02*
Japan, Aichi Prefecture	46	**0.9**	*0.14*	0.10	*0.02*	28	**0.6**	*0.14*	0.05	*0.01*
Japan, Fukui Prefecture	27	**0.8**	*0.18*	0.08	*0.02*	11	**0.2**	*0.07*	0.01	*0.01*
Japan, Hiroshima	39	**0.9**	*0.17*	0.11	*0.02*	15	**0.3**	*0.10*	0.03	*0.01*
Japan, Miyagi Prefecture	62	**0.8**	*0.12*	0.08	*0.01*	33	**0.4**	*0.10*	0.04	*0.01*
Japan, Nagasaki Prefecture	50	**0.9**	*0.14*	0.09	*0.01*	30	**0.4**	*0.12*	0.04	*0.01*
Japan, Niigata Prefecture	78	**0.8**	*0.11*	0.08	*0.01*	43	**0.4**	*0.08*	0.04	*0.01*
*Japan, Osaka Prefecture	198	**0.6**	*0.05*	0.06	*0.00*	126	**0.3**	*0.03*	0.03	*0.00*
Japan, Saga Prefecture	38	**1.2**	*0.22*	0.11	*0.02*	19	**0.6**	*0.17*	0.06	*0.01*
Republic of Korea	1195	**0.9**	*0.03*	0.10	*0.00*	697	**0.5**	*0.02*	0.05	*0.00*
Republic of Korea, Busan	99	**1.1**	*0.12*	0.11	*0.01*	60	**0.5**	*0.07*	0.05	*0.01*
Republic of Korea, Daegu	57	**0.9**	*0.13*	0.09	*0.01*	30	**0.4**	*0.09*	0.04	*0.01*
Republic of Korea, Daejeon	37	**1.1**	*0.18*	0.13	*0.03*	23	**0.5**	*0.11*	0.06	*0.01*
Republic of Korea, Gwangju	39	**1.2**	*0.21*	0.12	*0.02*	13	**0.3**	*0.09*	0.02	*0.01*
Republic of Korea, Incheon	59	**1.0**	*0.13*	0.10	*0.02*	40	**0.6**	*0.09*	0.05	*0.01*
Republic of Korea, Jejudo	12	**1.1**	*0.31*	0.15	*0.05*	3	**0.3**	*0.17*	0.02	*0.01*
Republic of Korea, Seoul	249	**0.9**	*0.06*	0.09	*0.01*	137	**0.5**	*0.04*	0.05	*0.00*
Republic of Korea, Ulsan	26	**1.0**	*0.21*	0.11	*0.03*	14	**0.4**	*0.12*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other thoracic organs (C37-38) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	17	**0.4**	*0.13*	0.06	*0.03*	9	**0.3**	*0.10*	0.03	*0.01*
*Kuwait: Kuwaitis	10	**0.7**	*0.24*	0.11	*0.05*	6	**0.3**	*0.15*	0.03	*0.02*
*Kuwait: Non−Kuwaitis	7	**0.3**	*0.20*	0.01	*0.00*	3	**0.2**	*0.10*	0.02	*0.01*
*Malaysia, Penang	19	**0.8**	*0.18*	0.08	*0.02*	11	**0.4**	*0.13*	0.05	*0.02*
*Malaysia, Penang: Chinese	14	**1.0**	*0.27*	0.11	*0.03*	7	**0.5**	*0.18*	0.06	*0.03*
*Malaysia, Penang: Indian	0	**-**	-	–	-	1	**0.2**	*0.25*	0.02	*0.02*
*Malaysia, Penang: Malay	5	**0.5**	*0.23*	0.05	*0.03*	3	**0.3**	*0.19*	0.04	*0.03*
*Philippines, Manila	44	**0.5**	*0.09*	0.04	*0.01*	33	**0.3**	*0.06*	0.04	*0.01*
*Philippines, Rizal	43	**0.5**	*0.08*	0.06	*0.01*	32	**0.3**	*0.05*	0.03	*0.01*
Qatar: Qatari	1	**0.3**	*0.25*	0.02	*0.02*	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	19	**0.3**	*0.07*	0.03	*0.01*	13	**0.2**	*0.07*	0.03	*0.01*
Singapore	79	**0.9**	*0.10*	0.08	*0.01*	44	**0.4**	*0.06*	0.04	*0.01*
Singapore: Chinese	67	**1.0**	*0.13*	0.09	*0.01*	40	**0.5**	*0.08*	0.05	*0.01*
Singapore: Indian	2	**0.2**	*0.12*	0.01	*0.01*	1	**0.1**	*0.13*	0.02	*0.02*
Singapore: Malay	10	**0.8**	*0.27*	0.05	*0.02*	3	**0.2**	*0.10*	0.01	*0.01*
Thailand, Bangkok	51	**0.3**	*0.05*	0.03	*0.01*	42	**0.2**	*0.04*	0.02	*0.00*
Thailand, Chiang Mai	14	**0.4**	*0.10*	0.03	*0.01*	16	**0.3**	*0.09*	0.04	*0.01*
Thailand, Chonburi	6	**0.2**	*0.09*	0.02	*0.01*	6	**0.2**	*0.08*	0.02	*0.01*
*Thailand, Khon Kaen	22	**0.5**	*0.11*	0.04	*0.01*	3	**0.1**	*0.03*	0.00	*0.00*
Thailand, Lampang	1	**0.1**	*0.06*	0.00	*0.00*	1	**0.0**	*0.04*	0.00	*0.00*
*Thailand, Songkhla	9	**0.3**	*0.11*	0.04	*0.02*	4	**0.1**	*0.07*	0.01	*0.01*
*Turkey, Antalya	19	**0.5**	*0.12*	0.04	*0.01*	14	**0.4**	*0.11*	0.03	*0.01*
*Turkey, Edirne	6	**0.7**	*0.28*	0.06	*0.03*	4	**0.4**	*0.18*	0.06	*0.03*
*Turkey, Izmir	66	**0.7**	*0.09*	0.09	*0.01*	33	**0.3**	*0.06*	0.03	*0.01*
*Turkey, Trabzon	2	**0.2**	*0.11*	0.03	*0.02*	1	**0.1**	*0.06*	0.02	*0.02*
Europe										
Austria	144	**0.5**	*0.04*	0.06	*0.01*	138	**0.4**	*0.03*	0.04	*0.00*
Austria, Tyrol	10	**0.4**	*0.15*	0.05	*0.02*	8	**0.3**	*0.11*	0.03	*0.01*
Austria, Vorarlberg	8	**0.7**	*0.27*	0.07	*0.03*	7	**0.4**	*0.18*	0.05	*0.02*
*Belarus	156	**0.6**	*0.05*	0.06	*0.01*	75	**0.2**	*0.03*	0.02	*0.00*
*Belgium	121	**0.4**	*0.04*	0.05	*0.00*	76	**0.2**	*0.03*	0.02	*0.00*
Bulgaria	196	**0.7**	*0.06*	0.08	*0.01*	93	**0.3**	*0.04*	0.03	*0.00*
Croatia	62	**0.4**	*0.05*	0.04	*0.01*	34	**0.1**	*0.03*	0.02	*0.00*
Cyprus	19	**0.9**	*0.23*	0.08	*0.02*	7	**0.2**	*0.09*	0.03	*0.01*
Czech Republic	270	**0.7**	*0.05*	0.09	*0.01*	197	**0.5**	*0.04*	0.05	*0.00*
Denmark	92	**0.4**	*0.05*	0.04	*0.01*	91	**0.4**	*0.04*	0.04	*0.01*
*Estonia	27	**0.7**	*0.13*	0.07	*0.01*	15	**0.2**	*0.07*	0.02	*0.01*
Finland	87	**0.4**	*0.05*	0.04	*0.01*	64	**0.2**	*0.03*	0.02	*0.00*
*France, Bas−Rhin	28	**0.8**	*0.15*	0.08	*0.02*	14	**0.3**	*0.09*	0.04	*0.01*
*France, Calvados	25	**1.1**	*0.24*	0.12	*0.03*	10	**0.3**	*0.11*	0.03	*0.01*
*France, Doubs	14	**0.9**	*0.24*	0.09	*0.03*	8	**0.3**	*0.11*	0.02	*0.01*
*France, Haut−Rhin	8	**0.3**	*0.11*	0.03	*0.01*	6	**0.2**	*0.09*	0.02	*0.01*
*France, Hérault	18	**0.7**	*0.18*	0.07	*0.02*	12	**0.3**	*0.10*	0.04	*0.01*
*France, Isère	31	**0.9**	*0.17*	0.07	*0.02*	16	**0.4**	*0.13*	0.03	*0.01*
*France, Loire−Atlantique	31	**0.6**	*0.12*	0.06	*0.02*	20	**0.4**	*0.10*	0.03	*0.01*
*France, Manche	6	**0.2**	*0.11*	0.02	*0.01*	7	**0.2**	*0.08*	0.01	*0.01*
*France, Somme	21	**1.2**	*0.27*	0.12	*0.03*	9	**0.3**	*0.11*	0.04	*0.02*
*France, Tarn	11	**0.9**	*0.29*	0.10	*0.03*	3	**0.1**	*0.10*	0.02	*0.01*
*France, Vendée	18	**0.7**	*0.19*	0.08	*0.02*	12	**0.4**	*0.15*	0.04	*0.02*
Germany, Brandenburg	46	**0.5**	*0.07*	0.05	*0.01*	28	**0.2**	*0.04*	0.02	*0.00*
Germany, Bremen	16	**0.5**	*0.13*	0.04	*0.02*	8	**0.3**	*0.10*	0.03	*0.01*
Germany, Free State of Saxony	86	**0.4**	*0.05*	0.05	*0.01*	73	**0.3**	*0.06*	0.03	*0.00*
Germany, Hamburg	29	**0.5**	*0.09*	0.04	*0.01*	27	**0.3**	*0.09*	0.03	*0.01*
Germany, Mecklenburg−Western Pomerania	30	**0.4**	*0.08*	0.04	*0.01*	17	**0.2**	*0.06*	0.02	*0.01*
Germany, Munich	88	**0.6**	*0.07*	0.06	*0.01*	61	**0.3**	*0.05*	0.04	*0.01*
Germany, North Rhine−Westphalia	39	**0.4**	*0.07*	0.04	*0.01*	14	**0.1**	*0.04*	0.01	*0.00*
Germany, Saarland	34	**0.6**	*0.12*	0.07	*0.02*	14	**0.3**	*0.09*	0.03	*0.01*
Germany, Schleswig−Holstein	35	**0.3**	*0.05*	0.03	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
Iceland	2	**0.2**	*0.17*	0.03	*0.02*	0	**-**	-	–	-
Ireland	72	**0.6**	*0.07*	0.07	*0.01*	36	**0.2**	*0.04*	0.03	*0.01*
Italy, Biella	9	**1.3**	*0.44*	0.11	*0.04*	9	**0.8**	*0.33*	0.09	*0.04*
Italy, Brescia	38	**1.2**	*0.21*	0.11	*0.02*	24	**0.5**	*0.12*	0.05	*0.01*
Italy, Catania and Messina	34	**0.9**	*0.18*	0.07	*0.02*	16	**0.3**	*0.09*	0.03	*0.01*
Italy, Catanzaro	6	**0.6**	*0.27*	0.07	*0.03*	3	**0.3**	*0.17*	0.03	*0.02*
Italy, Como	5	**0.2**	*0.10*	0.02	*0.01*	10	**0.4**	*0.20*	0.04	*0.02*
Italy, Ferrara	17	**0.7**	*0.19*	0.06	*0.02*	10	**0.4**	*0.16*	0.05	*0.02*
Italy, Florence and Prato	19	**0.5**	*0.12*	0.04	*0.01*	26	**0.8**	*0.21*	0.07	*0.02*
Italy, Friuli−Venezia Giulia	20	**0.5**	*0.14*	0.04	*0.01*	11	**0.2**	*0.05*	0.02	*0.01*
Italy, Genoa	75	**1.5**	*0.19*	0.14	*0.03*	32	**0.4**	*0.11*	0.04	*0.01*
Italy, Latina	25	**1.2**	*0.25*	0.11	*0.03*	14	**0.7**	*0.21*	0.07	*0.02*
Italy, Lecco	18	**1.4**	*0.33*	0.14	*0.04*	15	**1.0**	*0.34*	0.11	*0.04*
Italy, Lombardy, South	30	**1.6**	*0.36*	0.19	*0.04*	18	**0.6**	*0.18*	0.05	*0.02*
Italy, Mantua	3	**0.3**	*0.15*	0.05	*0.03*	3	**0.3**	*0.16*	0.04	*0.02*
Italy, Milan	36	**0.7**	*0.13*	0.05	*0.01*	47	**0.6**	*0.11*	0.05	*0.01*
Italy, Modena	20	**0.7**	*0.20*	0.08	*0.02*	14	**0.6**	*0.20*	0.05	*0.02*
Italy, Naples	11	**0.6**	*0.19*	0.05	*0.02*	13	**0.6**	*0.19*	0.07	*0.02*
Italy, Nuoro	1	**0.1**	*0.10*	0.02	*0.02*	1	**0.1**	*0.06*	0.02	*0.02*
Italy, Palermo	29	**0.7**	*0.15*	0.07	*0.02*	23	**0.6**	*0.15*	0.05	*0.01*
Italy, Parma	13	**0.7**	*0.23*	0.06	*0.02*	8	**0.1**	*0.04*	0.01	*0.01*
Italy, Ragusa	14	**1.0**	*0.28*	0.12	*0.04*	7	**0.4**	*0.15*	0.05	*0.02*
Italy, Reggio Emilia	15	**0.6**	*0.16*	0.06	*0.02*	14	**0.7**	*0.21*	0.08	*0.02*
Italy, Romagna	54	**1.0**	*0.17*	0.10	*0.02*	29	**0.5**	*0.14*	0.05	*0.01*
Italy, Salerno	32	**0.7**	*0.14*	0.06	*0.02*	24	**0.4**	*0.10*	0.05	*0.01*
Italy, Sassari	11	**0.5**	*0.16*	0.05	*0.02*	9	**0.3**	*0.10*	0.03	*0.02*
Italy, Sondrio	9	**1.6**	*0.58*	0.18	*0.06*	3	**0.4**	*0.22*	0.04	*0.03*
Italy, South Tyrol	12	**0.8**	*0.26*	0.05	*0.02*	6	**0.3**	*0.14*	0.05	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other thoracic organs (C37-38) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	14	**0.8**	*0.21*	0.09	*0.03*	5	**0.4**	*0.27*	0.02	*0.01*
Italy, Trapani	14	**1.0**	*0.28*	0.12	*0.04*	6	**0.4**	*0.19*	0.04	*0.02*
Italy, Trento	10	**0.5**	*0.17*	0.04	*0.02*	6	**0.4**	*0.26*	0.04	*0.02*
Italy, Turin	31	**0.8**	*0.18*	0.08	*0.02*	20	**0.5**	*0.16*	0.04	*0.01*
Italy, Umbria	18	**0.5**	*0.15*	0.05	*0.01*	13	**0.4**	*0.11*	0.04	*0.01*
Italy, Varese	23	**0.8**	*0.18*	0.09	*0.02*	10	**0.2**	*0.08*	0.02	*0.01*
Italy, Veneto	62	**0.8**	*0.11*	0.08	*0.01*	24	**0.2**	*0.05*	0.02	*0.01*
Latvia	33	**0.5**	*0.09*	0.07	*0.01*	30	**0.4**	*0.09*	0.04	*0.01*
Lithuania	66	**0.6**	*0.08*	0.08	*0.01*	39	**0.3**	*0.06*	0.02	*0.00*
Malta	8	**0.5**	*0.19*	0.08	*0.03*	10	**0.6**	*0.19*	0.09	*0.03*
*The Netherlands	282	**0.5**	*0.03*	0.05	*0.00*	110	**0.2**	*0.02*	0.02	*0.00*
*The Netherlands, Eindhoven	16	**0.5**	*0.12*	0.05	*0.01*	5	**0.1**	*0.06*	0.01	*0.01*
Norway	84	**0.5**	*0.06*	0.05	*0.01*	41	**0.2**	*0.04*	0.02	*0.00*
Poland, Cracow	12	**0.6**	*0.17*	0.06	*0.02*	17	**0.5**	*0.14*	0.06	*0.02*
Poland, Kielce	19	**0.4**	*0.09*	0.05	*0.01*	13	**0.2**	*0.05*	0.02	*0.01*
Poland, Lower Silesia	81	**0.9**	*0.11*	0.08	*0.01*	62	**0.5**	*0.08*	0.06	*0.01*
Poland, Podkarpackie	56	**0.8**	*0.11*	0.08	*0.01*	48	**0.6**	*0.10*	0.07	*0.01*
Portugal, Azores	4	**0.4**	*0.24*	0.05	*0.04*	2	**0.3**	*0.21*	0.02	*0.01*
Russian Federation, Saint Petersburg	65	**0.5**	*0.06*	0.05	*0.01*	47	**0.2**	*0.04*	0.02	*0.00*
*Serbia, Central	174	**0.9**	*0.07*	0.10	*0.01*	101	**0.4**	*0.05*	0.04	*0.01*
Slovakia	132	**0.8**	*0.08*	0.08	*0.01*	71	**0.3**	*0.04*	0.04	*0.01*
Slovenia	34	**0.5**	*0.09*	0.05	*0.01*	17	**0.3**	*0.10*	0.02	*0.01*
Spain, Albacete	6	**0.4**	*0.20*	0.04	*0.02*	3	**0.2**	*0.12*	0.01	*0.01*
Spain, Asturias	25	**0.5**	*0.11*	0.05	*0.01*	19	**0.4**	*0.10*	0.04	*0.01*
Spain, Basque Country	66	**1.0**	*0.15*	0.09	*0.01*	32	**0.4**	*0.12*	0.04	*0.01*
Spain, Canary Islands	18	**0.4**	*0.10*	0.03	*0.01*	12	**0.3**	*0.10*	0.02	*0.01*
Spain, Ciudad Real	2	**0.1**	*0.09*	0.01	*0.01*	3	**0.2**	*0.11*	0.03	*0.02*
Spain, Cuenca	3	**0.2**	*0.12*	0.02	*0.02*	0	**-**	-	–	-
Spain, Girona	8	**0.3**	*0.12*	0.04	*0.02*	4	**0.2**	*0.09*	0.02	*0.01*
*Spain, Granada	11	**0.4**	*0.14*	0.04	*0.01*	7	**0.2**	*0.09*	0.03	*0.01*
Spain, La Rioja	6	**0.4**	*0.19*	0.05	*0.02*	2	**0.1**	*0.10*	0.01	*0.01*
Spain, Mallorca	12	**0.4**	*0.13*	0.05	*0.02*	14	**0.6**	*0.18*	0.05	*0.02*
Spain, Murcia	30	**0.8**	*0.17*	0.05	*0.01*	15	**0.3**	*0.09*	0.04	*0.01*
Spain, Navarra	11	**0.5**	*0.15*	0.05	*0.02*	5	**0.2**	*0.11*	0.02	*0.01*
Spain, Tarragona	25	**0.9**	*0.21*	0.08	*0.02*	12	**0.4**	*0.12*	0.04	*0.02*
*Sweden	107	**0.3**	*0.03*	0.03	*0.00*	75	**0.2**	*0.03*	0.02	*0.00*
Switzerland, Basel	14	**0.8**	*0.24*	0.07	*0.02*	13	**0.5**	*0.16*	0.06	*0.02*
Switzerland, Geneva	7	**0.6**	*0.26*	0.06	*0.02*	5	**0.4**	*0.20*	0.04	*0.02*
Switzerland, Graubünden and Glarus	5	**0.6**	*0.32*	0.07	*0.04*	3	**0.2**	*0.13*	0.02	*0.02*
Switzerland, Neuchâtel	0	**-**	-	–	-	2	**0.2**	*0.12*	0.03	*0.03*
Switzerland, St Gall–Appenzell	8	**0.4**	*0.15*	0.06	*0.02*	12	**0.4**	*0.14*	0.04	*0.02*
Switzerland, Ticino	6	**0.7**	*0.32*	0.07	*0.03*	5	**0.5**	*0.29*	0.03	*0.02*
Switzerland, Valais	7	**0.6**	*0.25*	0.06	*0.03*	2	**0.2**	*0.12*	0.03	*0.02*
Switzerland, Vaud	9	**0.4**	*0.13*	0.04	*0.01*	4	**0.1**	*0.07*	0.02	*0.01*
Switzerland, Zurich	35	**0.7**	*0.12*	0.06	*0.01*	14	**0.2**	*0.07*	0.02	*0.01*
Ukraine	1544	**1.1**	*0.03*	0.12	*0.00*	953	**0.6**	*0.02*	0.05	*0.00*
UK, England	854	**0.5**	*0.02*	0.05	*0.00*	680	**0.3**	*0.01*	0.03	*0.00*
UK, England, East of England Region	86	**0.4**	*0.05*	0.05	*0.01*	62	**0.3**	*0.04*	0.03	*0.00*
UK, England, North Western	132	**0.5**	*0.05*	0.05	*0.01*	102	**0.3**	*0.03*	0.03	*0.00*
UK, England, Northern and Yorkshire	84	**0.4**	*0.04*	0.04	*0.01*	70	**0.2**	*0.04*	0.03	*0.00*
UK, England, Oxford Region	26	**0.3**	*0.06*	0.03	*0.01*	18	**0.2**	*0.04*	0.02	*0.01*
UK, England, South and Western Regions	180	**0.6**	*0.05*	0.07	*0.01*	152	**0.4**	*0.04*	0.05	*0.01*
UK, England, Thames	163	**0.4**	*0.04*	0.04	*0.00*	149	**0.3**	*0.03*	0.03	*0.00*
UK, England, Trent	77	**0.6**	*0.08*	0.07	*0.01*	55	**0.5**	*0.08*	0.05	*0.01*
UK, England, West Midlands	74	**0.4**	*0.05*	0.04	*0.01*	46	**0.2**	*0.03*	0.02	*0.00*
UK, Northern Ireland	19	**0.4**	*0.09*	0.03	*0.01*	13	**0.2**	*0.07*	0.03	*0.01*
UK, Scotland	77	**0.4**	*0.04*	0.04	*0.01*	48	**0.2**	*0.03*	0.02	*0.00*
UK, Wales	44	**0.4**	*0.08*	0.04	*0.01*	38	**0.3**	*0.05*	0.03	*0.01*
Oceania										
Australian Capital Territory	4	**0.4**	*0.21*	0.04	*0.03*	2	**0.2**	*0.11*	0.01	*0.01*
Australia, New South Wales	99	**0.5**	*0.05*	0.04	*0.00*	58	**0.3**	*0.04*	0.03	*0.00*
Australia, Northern Territory	4	**0.7**	*0.37*	0.05	*0.03*	1	**0.1**	*0.13*	0.01	*0.01*
Australia, Northern Territory: Indigenous	2	**1.9**	*1.35*	0.18	*0.12*	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	2	**0.7**	*0.49*	0.04	*0.03*	1	**0.2**	*0.19*	0.02	*0.02*
Australia, Queensland	42	**0.4**	*0.06*	0.03	*0.01*	30	**0.3**	*0.06*	0.02	*0.01*
South Australia	15	**0.3**	*0.07*	0.02	*0.01*	13	**0.2**	*0.06*	0.03	*0.01*
Australia, Tasmania	2	**0.1**	*0.07*	0.01	*0.01*	7	**0.4**	*0.16*	0.04	*0.02*
Australia, Victoria	101	**0.6**	*0.06*	0.05	*0.01*	38	**0.3**	*0.05*	0.02	*0.00*
Western Australia	27	**0.4**	*0.09*	0.04	*0.01*	14	**0.2**	*0.05*	0.03	*0.01*
New Zealand	41	**0.3**	*0.05*	0.04	*0.01*	32	**0.2**	*0.05*	0.02	*0.00*
New Zealand: Maori	6	**0.5**	*0.20*	0.05	*0.02*	4	**0.3**	*0.17*	0.04	*0.03*
New Zealand: Pacific Islander	2	**0.4**	*0.31*	0.05	*0.04*	6	**1.1**	*0.45*	0.09	*0.05*
New Zealand: Other	33	**0.3**	*0.06*	0.04	*0.01*	22	**0.2**	*0.06*	0.02	*0.00*
USA, Hawaii	32	**0.8**	*0.15*	0.09	*0.02*	29	**0.7**	*0.13*	0.07	*0.02*
*USA, Hawaii: Chinese	6	**3.6**	*1.61*	0.25	*0.11*	2	**0.8**	*0.56*	0.12	*0.09*
*USA, Hawaii: Filipino	5	**1.0**	*0.46*	0.10	*0.05*	8	**1.3**	*0.47*	0.17	*0.07*
*USA, Hawaii: Hawaiian	5	**0.7**	*0.31*	0.06	*0.03*	4	**0.5**	*0.27*	0.05	*0.03*
*USA, Hawaii: Japanese	7	**1.0**	*0.39*	0.11	*0.04*	4	**0.1**	*0.06*	0.01	*0.01*
*USA, Hawaii: White	3	**0.3**	*0.15*	0.05	*0.03*	6	**0.7**	*0.39*	0.06	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bone (C40-41)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	51	**1.6**	*0.24*	–	-	33	**1.0**	*0.19*	–	-
Egypt, Gharbiah	109	**1.1**	*0.12*	0.09	*0.01*	82	**0.8**	*0.09*	0.07	*0.01*
*Libya, Benghazi	12	**0.4**	*0.13*	0.02	*0.01*	16	**0.8**	*0.21*	0.07	*0.03*
*Malawi, Blantyre	74	**3.4**	*0.53*	0.26	*0.06*	58	**3.2**	*0.57*	0.31	*0.08*
*South Africa, PROMEC	13	**0.5**	*0.17*	0.05	*0.02*	13	**0.5**	*0.14*	0.04	*0.02*
*Tunisia, North	82	**1.1**	*0.12*	0.07	*0.01*	54	**0.7**	*0.10*	0.05	*0.01*
*Uganda, Kyadondo County	48	**1.9**	*0.43*	0.26	*0.08*	43	**1.7**	*0.37*	0.19	*0.05*
*Zimbabwe, Harare: African	51	**2.4**	*0.45*	0.20	*0.05*	30	**1.5**	*0.38*	0.13	*0.05*
America, Central and South										
Argentina, Bahía Blanca	15	**1.9**	*0.51*	0.18	*0.05*	11	**1.2**	*0.44*	0.10	*0.04*
Argentina, Córdoba	40	**1.5**	*0.24*	0.13	*0.02*	33	**1.1**	*0.19*	0.08	*0.02*
Argentina, Mendoza	48	**1.2**	*0.17*	0.09	*0.01*	45	**1.0**	*0.15*	0.10	*0.02*
*Argentina, Tierra del Fuego	5	**1.5**	*0.68*	0.12	*0.06*	2	**0.7**	*0.48*	0.04	*0.03*
Brazil, Aracaju	9	**1.2**	*0.42*	0.12	*0.05*	10	**0.9**	*0.32*	0.09	*0.04*
Brazil, Belo Horizonte	37	**1.2**	*0.20*	0.12	*0.03*	39	**1.0**	*0.17*	0.08	*0.02*
Brazil, Cuiabá	27	**2.4**	*0.51*	0.31	*0.08*	13	**0.9**	*0.27*	0.05	*0.02*
Brazil, Fortaleza	57	**1.5**	*0.21*	0.14	*0.03*	42	**0.8**	*0.13*	0.06	*0.01*
Brazil, Goiânia	60	**2.1**	*0.28*	0.16	*0.03*	42	**1.3**	*0.21*	0.11	*0.02*
*Brazil, São Paulo	474	**1.9**	*0.09*	0.15	*0.01*	435	**1.5**	*0.08*	0.12	*0.01*
Chile, Region of Antofagasta	22	**1.7**	*0.37*	0.12	*0.03*	9	**0.6**	*0.20*	0.04	*0.01*
Chile, Bío Bío Province	12	**1.2**	*0.35*	0.11	*0.04*	8	**0.7**	*0.24*	0.05	*0.02*
Chile, Valdivia	10	**1.0**	*0.30*	0.07	*0.03*	12	**1.1**	*0.32*	0.06	*0.02*
Colombia, Bucaramanga	22	**0.9**	*0.20*	0.08	*0.02*	20	**0.7**	*0.16*	0.07	*0.02*
Colombia, Cali	92	**1.9**	*0.20*	0.16	*0.02*	80	**1.4**	*0.16*	0.13	*0.02*
Colombia, Manizales	10	**1.1**	*0.35*	0.10	*0.04*	13	**1.2**	*0.33*	0.08	*0.03*
Colombia, Pasto	7	**0.9**	*0.36*	0.11	*0.05*	7	**0.6**	*0.25*	0.05	*0.02*
Costa Rica	94	**0.9**	*0.09*	0.08	*0.01*	66	**0.6**	*0.08*	0.05	*0.01*
Cuba, Villa Clara	36	**1.8**	*0.32*	0.14	*0.03*	22	**1.1**	*0.25*	0.11	*0.03*
Ecuador, Cuenca	14	**1.1**	*0.32*	0.07	*0.03*	5	**0.4**	*0.18*	0.03	*0.01*
Ecuador, Quito	44	**1.2**	*0.19*	0.12	*0.02*	45	**1.2**	*0.18*	0.11	*0.02*
*France, Martinique	10	**1.1**	*0.37*	0.08	*0.03*	6	**0.5**	*0.24*	0.05	*0.02*
*Jamaica, Kingston and St Andrew	7	**0.5**	*0.20*	0.06	*0.03*	7	**0.4**	*0.17*	0.06	*0.03*
USA, Puerto Rico	106	**1.0**	*0.10*	0.08	*0.01*	89	**0.7**	*0.08*	0.05	*0.01*
Uruguay	44	**0.9**	*0.13*	0.08	*0.01*	35	**0.7**	*0.12*	0.05	*0.01*
America, North										
Canada	973	**1.1**	*0.04*	0.09	*0.00*	800	**0.9**	*0.03*	0.07	*0.00*
Canada, Alberta	85	**0.9**	*0.10*	0.08	*0.01*	78	**0.9**	*0.11*	0.07	*0.01*
Canada, British Columbia	109	**1.0**	*0.10*	0.08	*0.01*	102	**0.9**	*0.10*	0.06	*0.01*
Canada, Manitoba	41	**1.2**	*0.21*	0.10	*0.02*	28	**0.7**	*0.16*	0.07	*0.02*
Canada, New Brunswick	20	**1.1**	*0.26*	0.09	*0.02*	15	**0.8**	*0.23*	0.06	*0.02*
Canada, Newfoundland and Labrador	14	**1.0**	*0.31*	0.10	*0.03*	11	**0.6**	*0.20*	0.06	*0.02*
*Canada, Northwest Territories	1	**1.0**	*0.98*	0.05	*0.05*	0	**-**	-	–	-
Canada, Nova Scotia	20	**0.9**	*0.22*	0.06	*0.01*	21	**0.7**	*0.18*	0.06	*0.02*
Canada, Ontario	389	**1.1**	*0.06*	0.09	*0.01*	296	**0.8**	*0.05*	0.07	*0.00*
Canada, Prince Edward Island	2	**0.9**	*0.61*	0.04	*0.03*	2	**0.6**	*0.43*	0.04	*0.03*
*Canada, Quebec	265	**1.2**	*0.08*	0.10	*0.01*	221	**1.0**	*0.08*	0.08	*0.01*
Canada, Saskatchewan	26	**0.9**	*0.20*	0.07	*0.02*	26	**1.0**	*0.20*	0.07	*0.02*
*Canada, Yukon	1	**1.0**	*1.03*	0.13	*0.13*	0	**-**	-	–	-
USA, NPCR (42 states)	7748	**1.1**	*0.01*	0.09	*0.00*	6316	**0.9**	*0.01*	0.07	*0.00*
USA, NPCR (42 states): American Indian	46	**0.6**	*0.10*	0.06	*0.01*	55	**0.7**	*0.10*	0.06	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	168	**0.6**	*0.05*	0.05	*0.00*	161	**0.5**	*0.04*	0.04	*0.00*
USA, NPCR (42 states): Black	755	**0.9**	*0.03*	0.07	*0.00*	755	**0.8**	*0.03*	0.06	*0.00*
USA, NPCR (42 states): White	6595	**1.1**	*0.01*	0.09	*0.00*	5208	**0.9**	*0.01*	0.07	*0.00*
USA, SEER (9 registries)	735	**1.0**	*0.04*	0.08	*0.00*	682	**0.9**	*0.04*	0.07	*0.00*
*USA, SEER (9 registries): Black	62	**0.8**	*0.10*	0.06	*0.01*	79	**0.8**	*0.09*	0.06	*0.01*
*USA, SEER (9 registries): White	607	**1.1**	*0.05*	0.09	*0.00*	547	**0.9**	*0.04*	0.08	*0.00*
USA, SEER (18 registries)	2252	**1.0**	*0.02*	0.08	*0.00*	1884	**0.8**	*0.02*	0.07	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	120	**0.7**	*0.06*	0.05	*0.01*	116	**0.6**	*0.06*	0.04	*0.00*
*USA, SEER (18 registries): Black	204	**0.8**	*0.06*	0.07	*0.01*	199	**0.7**	*0.05*	0.06	*0.00*
*USA, SEER (18 registries): Hispanic White	369	**1.0**	*0.05*	0.07	*0.01*	327	**0.9**	*0.05*	0.07	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	1512	**1.1**	*0.03*	0.09	*0.00*	1210	**0.9**	*0.03*	0.07	*0.00*
*USA, SEER (18 registries): White	1881	**1.1**	*0.03*	0.09	*0.00*	1537	**0.9**	*0.02*	0.07	*0.00*
USA, Alabama	146	**1.1**	*0.10*	0.09	*0.01*	97	**0.7**	*0.08*	0.06	*0.01*
USA, Alabama: Black	33	**1.1**	*0.19*	0.11	*0.02*	25	**0.7**	*0.14*	0.05	*0.01*
USA, Alabama: White	112	**1.2**	*0.12*	0.09	*0.01*	71	**0.7**	*0.09*	0.07	*0.01*
USA, Alaska	14	**0.8**	*0.21*	0.05	*0.02*	21	**1.3**	*0.29*	0.13	*0.03*
*USA, Alaska: American Indian	4	**1.4**	*0.68*	0.09	*0.05*	2	**0.8**	*0.57*	0.12	*0.10*
USA, Arizona	172	**1.0**	*0.08*	0.09	*0.01*	139	**0.8**	*0.08*	0.07	*0.01*
USA, Arizona: American Indian	7	**1.0**	*0.37*	0.11	*0.05*	4	**0.5**	*0.23*	0.03	*0.02*
USA, Arizona: Asian and Pacific Islander	2	**0.5**	*0.38*	0.05	*0.04*	0	**-**	-	–	-
USA, Arizona: Black	2	**0.4**	*0.28*	0.05	*0.04*	4	**0.7**	*0.39*	0.10	*0.06*
USA, Arizona: White	159	**1.1**	*0.09*	0.09	*0.01*	127	**0.9**	*0.08*	0.07	*0.01*
USA, Arkansas	53	**0.7**	*0.10*	0.06	*0.01*	64	**0.9**	*0.12*	0.06	*0.01*
USA, Arkansas: Black	6	**0.6**	*0.25*	0.08	*0.04*	12	**1.0**	*0.30*	0.07	*0.03*
USA, Arkansas: White	46	**0.7**	*0.12*	0.06	*0.01*	52	**0.8**	*0.13*	0.06	*0.01*
USA, California	1003	**1.1**	*0.03*	0.08	*0.00*	769	**0.8**	*0.03*	0.06	*0.00*
USA, California: American Indian	5	**0.4**	*0.19*	0.04	*0.02*	6	**0.5**	*0.21*	0.06	*0.03*
USA, California: Asian and Pacific Islander	73	**0.7**	*0.08*	0.05	*0.01*	69	**0.5**	*0.07*	0.04	*0.01*
USA, California: Black	50	**0.8**	*0.11*	0.06	*0.01*	45	**0.6**	*0.10*	0.05	*0.01*
USA, California: White	857	**1.1**	*0.04*	0.09	*0.00*	631	**0.8**	*0.04*	0.06	*0.00*
USA, California, Los Angeles County	273	**1.1**	*0.07*	0.09	*0.01*	215	**0.8**	*0.06*	0.06	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	24	**0.8**	*0.17*	0.05	*0.01*	21	**0.7**	*0.16*	0.05	*0.01*
*USA, California, Los Angeles County: Black	17	**0.7**	*0.17*	0.07	*0.02*	23	**0.8**	*0.18*	0.05	*0.01*
*USA, California, Los Angeles County: Chinese	8	**1.0**	*0.36*	0.07	*0.02*	5	**0.4**	*0.19*	0.05	*0.02*
*USA, California, Los Angeles County: Filipino	6	**0.7**	*0.29*	0.05	*0.02*	6	**0.8**	*0.34*	0.05	*0.02*
*USA, California, Los Angeles County: Hispanic White	111	**1.1**	*0.11*	0.10	*0.01*	83	**0.8**	*0.09*	0.07	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bone (C40-41) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	1	**0.9**	*0.95*	0.04	*0.04*	1	**0.4**	*0.40*	0.02	*0.02*
*USA, California, Los Angeles County: Korean	4	**0.8**	*0.41*	0.06	*0.03*	6	**1.5**	*0.71*	0.08	*0.04*
*USA, California, Los Angeles County: Non−Hispanic White	120	**1.5**	*0.15*	0.11	*0.01*	85	**1.0**	*0.13*	0.07	*0.01*
*USA, California, Los Angeles County: White	231	**1.2**	*0.08*	0.10	*0.01*	168	**0.9**	*0.07*	0.07	*0.01*
USA, California, San Francisco Bay Area	106	**0.9**	*0.10*	0.08	*0.01*	85	**0.7**	*0.08*	0.05	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	17	**0.8**	*0.20*	0.06	*0.02*	19	**0.7**	*0.17*	0.05	*0.01*
*USA, California, San Francisco Bay Area: Black	6	**0.5**	*0.22*	0.02	*0.01*	6	**0.4**	*0.19*	0.05	*0.02*
*USA, California, San Francisco Bay Area: Hispanic White	18	**0.9**	*0.22*	0.07	*0.02*	10	**0.6**	*0.18*	0.04	*0.01*
*USA, California, San Francisco Bay Area: Non−Hispanic White	63	**1.0**	*0.14*	0.09	*0.01*	49	**0.7**	*0.13*	0.06	*0.01*
*USA, California, San Francisco Bay Area: White	81	**1.0**	*0.12*	0.09	*0.01*	59	**0.7**	*0.11*	0.05	*0.01*
USA, Colorado	148	**1.3**	*0.11*	0.10	*0.01*	104	**0.9**	*0.09*	0.07	*0.01*
USA, Colorado: Asian and Pacific Islander	0	**-**	-	–	-	2	**0.7**	*0.49*	0.04	*0.03*
USA, Colorado: Black	4	**0.6**	*0.32*	0.05	*0.03*	2	**0.4**	*0.29*	0.03	*0.02*
USA, Colorado: White	142	**1.3**	*0.12*	0.10	*0.01*	98	**0.9**	*0.10*	0.07	*0.01*
USA, Connecticut	115	**1.2**	*0.12*	0.10	*0.01*	96	**1.0**	*0.11*	0.08	*0.01*
*USA, Connecticut: Black	10	**1.1**	*0.36*	0.11	*0.04*	6	**0.7**	*0.28*	0.04	*0.02*
*USA, Connecticut: White	103	**1.2**	*0.13*	0.10	*0.01*	85	**1.0**	*0.12*	0.09	*0.01*
USA, Delaware	31	**1.5**	*0.28*	0.12	*0.02*	15	**0.5**	*0.15*	0.04	*0.01*
USA, Delaware: Black	2	**0.5**	*0.32*	0.03	*0.03*	3	**0.5**	*0.30*	0.05	*0.03*
USA, Delaware: White	28	**1.8**	*0.36*	0.14	*0.03*	12	**0.6**	*0.19*	0.04	*0.01*
USA, Florida	606	**1.2**	*0.05*	0.10	*0.00*	457	**0.9**	*0.05*	0.07	*0.00*
USA, Florida: Asian and Pacific Islander	4	**0.5**	*0.23*	0.03	*0.02*	3	**0.3**	*0.20*	0.02	*0.01*
USA, Florida: Black	67	**1.0**	*0.12*	0.08	*0.01*	62	**0.8**	*0.11*	0.07	*0.01*
USA, Florida: White	520	**1.3**	*0.06*	0.11	*0.01*	382	**0.9**	*0.05*	0.07	*0.00*
USA, Georgia	201	**0.9**	*0.06*	0.08	*0.01*	195	**0.8**	*0.06*	0.06	*0.00*
USA, Georgia: Asian and Pacific Islander	4	**0.8**	*0.41*	0.06	*0.04*	2	**0.3**	*0.24*	0.06	*0.05*
USA, Georgia: Black	52	**0.8**	*0.12*	0.07	*0.01*	57	**0.7**	*0.10*	0.05	*0.01*
USA, Georgia: White	142	**0.9**	*0.08*	0.08	*0.01*	133	**0.8**	*0.08*	0.06	*0.01*
USA, Georgia, Atlanta	60	**0.8**	*0.10*	0.08	*0.01*	68	**0.8**	*0.10*	0.06	*0.01*
*USA, Georgia, Atlanta: Black	21	**0.8**	*0.19*	0.08	*0.03*	28	**0.8**	*0.16*	0.06	*0.01*
*USA, Georgia, Atlanta: White	34	**0.8**	*0.14*	0.07	*0.01*	38	**0.8**	*0.15*	0.06	*0.01*
USA, Idaho	58	**1.5**	*0.20*	0.13	*0.02*	39	**1.0**	*0.17*	0.07	*0.01*
USA, Illinois	357	**1.1**	*0.06*	0.09	*0.01*	276	**0.8**	*0.05*	0.06	*0.00*
USA, Illinois: Asian and Pacific Islander	10	**0.8**	*0.26*	0.07	*0.02*	6	**0.4**	*0.15*	0.03	*0.02*
USA, Illinois: Black	44	**0.9**	*0.14*	0.07	*0.01*	37	**0.7**	*0.12*	0.06	*0.01*
USA, Illinois: White	290	**1.1**	*0.07*	0.08	*0.01*	225	**0.8**	*0.06*	0.06	*0.00*
USA, Indiana	157	**1.0**	*0.08*	0.08	*0.01*	115	**0.7**	*0.07*	0.05	*0.01*
USA, Indiana: Black	15	**1.1**	*0.29*	0.10	*0.03*	6	**0.4**	*0.16*	0.03	*0.01*
USA, Indiana: White	138	**0.9**	*0.08*	0.08	*0.01*	104	**0.7**	*0.08*	0.05	*0.01*
USA, Iowa	76	**1.0**	*0.12*	0.08	*0.01*	88	**1.1**	*0.13*	0.09	*0.01*
USA, Kentucky	119	**1.1**	*0.10*	0.09	*0.01*	93	**0.8**	*0.09*	0.06	*0.01*
USA, Louisiana	74	**0.7**	*0.09*	0.06	*0.01*	67	**0.7**	*0.09*	0.06	*0.01*
*USA, Louisiana: Black	17	**0.6**	*0.15*	0.05	*0.02*	20	**0.6**	*0.14*	0.06	*0.01*
*USA, Louisiana: White	57	**0.8**	*0.12*	0.07	*0.01*	46	**0.7**	*0.12*	0.06	*0.01*
*USA, Louisiana, New Orleans	15	**0.9**	*0.25*	0.07	*0.02*	15	**0.7**	*0.20*	0.08	*0.02*
*USA, Louisiana, New Orleans: Black	5	**0.8**	*0.35*	0.07	*0.04*	7	**0.8**	*0.30*	0.07	*0.03*
*USA, Louisiana, New Orleans: White	10	**1.0**	*0.37*	0.08	*0.03*	8	**0.8**	*0.34*	0.08	*0.03*
USA, Maine	55	**1.5**	*0.22*	0.12	*0.02*	37	**0.8**	*0.15*	0.06	*0.01*
USA, Massachusetts	182	**1.1**	*0.09*	0.09	*0.01*	173	**0.9**	*0.07*	0.07	*0.01*
USA, Massachusetts: Asian and Pacific Islander	5	**0.8**	*0.37*	0.05	*0.02*	2	**0.2**	*0.18*	0.01	*0.01*
USA, Massachusetts: Black	11	**1.0**	*0.29*	0.05	*0.02*	11	**0.9**	*0.27*	0.06	*0.02*
USA, Massachusetts: White	161	**1.1**	*0.09*	0.09	*0.01*	156	**0.9**	*0.08*	0.07	*0.01*
USA, Michigan	307	**1.0**	*0.06*	0.09	*0.01*	261	**0.9**	*0.06*	0.07	*0.01*
USA, Michigan: Asian and Pacific Islander	2	**0.4**	*0.26*	0.02	*0.01*	2	**0.4**	*0.26*	0.07	*0.06*
USA, Michigan: Black	32	**0.9**	*0.16*	0.07	*0.01*	41	**0.9**	*0.15*	0.08	*0.01*
USA, Michigan: White	265	**1.1**	*0.07*	0.09	*0.01*	206	**0.9**	*0.07*	0.07	*0.01*
USA, Michigan, Detroit	107	**1.0**	*0.10*	0.08	*0.01*	106	**0.9**	*0.09*	0.07	*0.01*
*USA, Michigan, Detroit: Black	20	**0.8**	*0.18*	0.06	*0.01*	30	**0.9**	*0.18*	0.08	*0.02*
*USA, Michigan, Detroit: White	83	**1.0**	*0.12*	0.09	*0.01*	73	**0.8**	*0.11*	0.07	*0.01*
USA, Mississippi	72	**1.0**	*0.12*	0.08	*0.01*	57	**0.7**	*0.10*	0.06	*0.01*
USA, Missouri	186	**1.2**	*0.09*	0.10	*0.01*	130	**0.7**	*0.07*	0.06	*0.01*
USA, Missouri: Black	18	**1.1**	*0.27*	0.11	*0.03*	19	**0.9**	*0.21*	0.07	*0.02*
USA, Missouri: White	166	**1.2**	*0.10*	0.10	*0.01*	107	**0.7**	*0.07*	0.06	*0.01*
USA, Montana	34	**1.1**	*0.21*	0.10	*0.02*	29	**1.1**	*0.23*	0.09	*0.02*
USA, Montana: American Indian	1	**0.6**	*0.61*	0.05	*0.05*	4	**2.7**	*1.39*	0.22	*0.13*
USA, Nebraska	55	**1.2**	*0.16*	0.09	*0.01*	41	**0.8**	*0.14*	0.07	*0.01*
USA, Nebraska: Black	2	**0.9**	*0.67*	0.06	*0.04*	0	**-**	-	–	-
USA, Nebraska: White	52	**1.2**	*0.17*	0.10	*0.02*	41	**0.9**	*0.16*	0.07	*0.01*
USA, New Hampshire	33	**1.0**	*0.19*	0.07	*0.01*	38	**1.1**	*0.20*	0.09	*0.02*
USA, New Jersey	283	**1.2**	*0.08*	0.10	*0.01*	228	**1.0**	*0.07*	0.07	*0.01*
*USA, New Jersey: Black	39	**1.2**	*0.20*	0.09	*0.02*	26	**0.7**	*0.15*	0.06	*0.01*
*USA, New Jersey: White	227	**1.3**	*0.09*	0.10	*0.01*	190	**1.0**	*0.09*	0.08	*0.01*
USA, New Mexico	49	**0.9**	*0.13*	0.08	*0.01*	52	**1.0**	*0.14*	0.08	*0.01*
*USA, New Mexico: Hispanic White	17	**0.8**	*0.19*	0.07	*0.02*	24	**1.1**	*0.24*	0.09	*0.02*
*USA, New Mexico: Non−Hispanic White	27	**1.2**	*0.26*	0.09	*0.02*	23	**0.9**	*0.23*	0.08	*0.02*
*USA, New Mexico: White	44	**1.0**	*0.15*	0.08	*0.01*	47	**1.0**	*0.16*	0.08	*0.01*
USA, New York State	616	**1.2**	*0.05*	0.10	*0.00*	587	**1.1**	*0.05*	0.09	*0.00*
USA, New York State: Asian and Pacific Islander	21	**0.6**	*0.14*	0.05	*0.01*	22	**0.6**	*0.14*	0.06	*0.02*
USA, New York State: Black	81	**1.0**	*0.11*	0.07	*0.01*	81	**0.8**	*0.10*	0.07	*0.01*
USA, New York State: White	488	**1.3**	*0.06*	0.10	*0.01*	466	**1.1**	*0.06*	0.09	*0.00*
USA, North Carolina	237	**1.0**	*0.07*	0.09	*0.01*	202	**0.9**	*0.07*	0.07	*0.01*
USA, North Carolina: American Indian	1	**0.5**	*0.46*	0.11	*0.11*	2	**0.7**	*0.49*	0.05	*0.03*
USA, North Carolina: Asian and Pacific Islander	4	**1.1**	*0.57*	0.11	*0.07*	2	**0.6**	*0.39*	0.03	*0.02*
USA, North Carolina: Black	26	**0.5**	*0.10*	0.05	*0.01*	49	**1.0**	*0.14*	0.08	*0.01*
USA, North Carolina: White	199	**1.2**	*0.09*	0.10	*0.01*	147	**0.9**	*0.08*	0.06	*0.01*
USA, North Dakota	19	**1.1**	*0.27*	0.10	*0.03*	18	**0.9**	*0.27*	0.06	*0.02*
USA, Ohio	312	**1.0**	*0.06*	0.09	*0.01*	250	**0.7**	*0.05*	0.06	*0.00*
USA, Ohio: Asian and Pacific Islander	1	**0.3**	*0.30*	0.02	*0.02*	0	**-**	-	–	-
USA, Ohio: Black	39	**1.1**	*0.18*	0.08	*0.01*	34	**0.8**	*0.14*	0.06	*0.01*
USA, Ohio: White	267	**1.0**	*0.07*	0.09	*0.01*	212	**0.7**	*0.06*	0.06	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bone (C40-41) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	110	**1.2**	*0.12*	0.10	*0.01*	89	**0.9**	*0.10*	0.08	*0.01*
USA, Oklahoma: American Indian	9	**1.1**	*0.36*	0.10	*0.04*	11	**1.3**	*0.40*	0.11	*0.04*
USA, Oklahoma: Black	12	**1.6**	*0.46*	0.13	*0.05*	6	**0.9**	*0.36*	0.08	*0.04*
USA, Oklahoma: White	86	**1.1**	*0.13*	0.09	*0.01*	71	**0.8**	*0.11*	0.07	*0.01*
USA, Oregon	120	**1.2**	*0.11*	0.10	*0.01*	93	**0.9**	*0.10*	0.07	*0.01*
USA, Oregon: Asian and Pacific Islander	1	**0.3**	*0.26*	0.02	*0.02*	3	**0.6**	*0.37*	0.03	*0.02*
USA, Oregon: Black	2	**0.9**	*0.64*	0.06	*0.04*	0	**-**	-	–	-
USA, Oregon: White	109	**1.1**	*0.12*	0.10	*0.01*	87	**0.9**	*0.10*	0.07	*0.01*
USA, Pennsylvania	365	**1.1**	*0.06*	0.09	*0.01*	316	**0.9**	*0.06*	0.07	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	3	**0.4**	*0.23*	0.02	*0.01*	6	**0.9**	*0.40*	0.06	*0.02*
USA, Pennsylvania: Black	30	**0.9**	*0.16*	0.07	*0.01*	23	**0.6**	*0.13*	0.05	*0.01*
USA, Pennsylvania: White	322	**1.1**	*0.07*	0.09	*0.01*	279	**0.9**	*0.06*	0.07	*0.00*
USA, Rhode Island	27	**0.9**	*0.19*	0.06	*0.01*	31	**1.1**	*0.22*	0.08	*0.02*
USA, Rhode Island: Black	2	**1.0**	*0.72*	0.06	*0.04*	1	**0.6**	*0.56*	0.04	*0.04*
USA, Rhode Island: White	24	**0.9**	*0.19*	0.06	*0.01*	29	**1.1**	*0.24*	0.08	*0.02*
USA, South Carolina	96	**0.8**	*0.09*	0.07	*0.01*	98	**0.8**	*0.09*	0.07	*0.01*
USA, South Carolina: Black	32	**1.1**	*0.19*	0.08	*0.02*	21	**0.6**	*0.13*	0.05	*0.01*
USA, South Carolina: White	63	**0.8**	*0.10*	0.06	*0.01*	73	**0.9**	*0.11*	0.07	*0.01*
USA, South Dakota	29	**1.1**	*0.23*	0.09	*0.02*	15	**0.7**	*0.20*	0.07	*0.02*
USA, Tennessee	181	**1.1**	*0.09*	0.10	*0.01*	150	**0.9**	*0.08*	0.07	*0.01*
USA, Tennessee: Black	20	**0.8**	*0.18*	0.07	*0.02*	23	**0.8**	*0.17*	0.05	*0.01*
USA, Tennessee: White	157	**1.2**	*0.10*	0.10	*0.01*	123	**0.9**	*0.09*	0.07	*0.01*
USA, Texas	720	**1.2**	*0.05*	0.10	*0.00*	572	**0.9**	*0.04*	0.07	*0.00*
USA, Texas: Asian and Pacific Islander	5	**0.3**	*0.12*	0.03	*0.02*	7	**0.3**	*0.14*	0.03	*0.01*
USA, Texas: Black	75	**1.1**	*0.13*	0.09	*0.01*	69	**0.9**	*0.11*	0.07	*0.01*
USA, Texas: White	617	**1.2**	*0.05*	0.10	*0.00*	474	**0.9**	*0.04*	0.07	*0.00*
USA, Utah	81	**1.2**	*0.14*	0.10	*0.01*	62	**0.9**	*0.12*	0.08	*0.01*
USA, Vermont	20	**1.1**	*0.26*	0.11	*0.03*	13	**0.8**	*0.25*	0.06	*0.02*
USA, Virginia	179	**0.9**	*0.07*	0.07	*0.01*	161	**0.8**	*0.07*	0.06	*0.01*
USA, Virginia: Asian and Pacific Islander	5	**0.5**	*0.26*	0.04	*0.02*	2	**0.2**	*0.11*	0.01	*0.01*
USA, Virginia: Black	25	**0.6**	*0.13*	0.05	*0.01*	26	**0.6**	*0.12*	0.05	*0.01*
USA, Virginia: White	143	**1.0**	*0.08*	0.08	*0.01*	128	**0.9**	*0.08*	0.07	*0.01*
USA, Washington State	170	**1.0**	*0.08*	0.08	*0.01*	150	**0.9**	*0.08*	0.07	*0.01*
USA, Washington, Seattle	117	**1.0**	*0.10*	0.08	*0.01*	102	**0.9**	*0.10*	0.07	*0.01*
USA, West Virginia	59	**1.1**	*0.15*	0.10	*0.01*	50	**0.9**	*0.14*	0.08	*0.01*
USA, Wisconsin	162	**1.1**	*0.09*	0.08	*0.01*	134	**0.8**	*0.08*	0.07	*0.01*
USA, Wisconsin: Black	6	**0.7**	*0.28*	0.05	*0.02*	12	**1.3**	*0.39*	0.11	*0.04*
USA, Wisconsin: White	149	**1.1**	*0.10*	0.08	*0.01*	111	**0.7**	*0.08*	0.06	*0.01*
USA, Wyoming	16	**1.2**	*0.31*	0.08	*0.02*	12	**0.9**	*0.30*	0.06	*0.02*
Asia										
Bahrain: Bahraini	19	**1.6**	*0.39*	0.10	*0.03*	5	**0.4**	*0.17*	0.03	*0.01*
China, Beijing City	186	**0.9**	*0.08*	0.08	*0.01*	165	**0.8**	*0.07*	0.07	*0.01*
*China, Cixian County	36	**2.8**	*0.48*	0.33	*0.07*	31	**2.2**	*0.41*	0.23	*0.05*
China, Haining County	25	**1.3**	*0.28*	0.12	*0.03*	20	**0.9**	*0.22*	0.10	*0.03*
*China, Harbin City, Nangang District	61	**2.2**	*0.31*	0.21	*0.03*	60	**2.1**	*0.29*	0.26	*0.04*
China, Hong Kong	120	**0.7**	*0.07*	0.05	*0.00*	110	**0.6**	*0.06*	0.04	*0.00*
China, Jiashan County	26	**1.8**	*0.39*	0.23	*0.05*	24	**1.9**	*0.44*	0.20	*0.05*
China, Jiaxing City	15	**1.7**	*0.51*	0.11	*0.04*	14	**1.5**	*0.47*	0.13	*0.04*
China, Macao	10	**0.8**	*0.27*	0.09	*0.04*	11	**1.1**	*0.36*	0.11	*0.04*
China, Qidong County	51	**1.2**	*0.18*	0.16	*0.03*	49	**1.1**	*0.17*	0.11	*0.02*
*China, Shanghai City	263	**1.1**	*0.08*	0.10	*0.01*	250	**1.1**	*0.09*	0.10	*0.01*
*China, Wuhan City	273	**2.0**	*0.12*	0.23	*0.02*	164	**1.4**	*0.13*	0.14	*0.01*
*China, Yangcheng County	21	**2.3**	*0.52*	0.26	*0.07*	18	**2.0**	*0.50*	0.21	*0.06*
*China, Yanting County	54	**3.3**	*0.47*	0.34	*0.06*	20	**1.2**	*0.28*	0.13	*0.03*
*China, Zhongshan City	23	**0.8**	*0.18*	0.07	*0.02*	15	**0.6**	*0.15*	0.05	*0.02*
*India, Bangalore	96	**1.0**	*0.11*	0.09	*0.01*	45	**0.5**	*0.08*	0.05	*0.01*
*India; Barshi, Paranda, and Bhum	13	**1.0**	*0.29*	0.08	*0.03*	4	**0.3**	*0.16*	0.02	*0.01*
*India, Bhopal	40	**1.3**	*0.22*	0.11	*0.02*	19	**0.6**	*0.15*	0.04	*0.01*
*India, Chennai	125	**1.1**	*0.10*	0.10	*0.01*	94	**0.9**	*0.09*	0.07	*0.01*
*India, Dindigul, Ambilikkai	37	**0.7**	*0.12*	0.06	*0.01*	30	**0.6**	*0.10*	0.05	*0.01*
*India, Karunagappally	11	**1.1**	*0.34*	0.11	*0.04*	12	**1.1**	*0.33*	0.07	*0.02*
*India, Mizoram	20	**1.0**	*0.25*	0.07	*0.02*	13	**0.6**	*0.18*	0.04	*0.02*
*India, Mumbai	372	**1.2**	*0.07*	0.11	*0.01*	253	**0.9**	*0.06*	0.09	*0.01*
*India, New Delhi	747	**2.0**	*0.08*	0.20	*0.01*	369	**1.2**	*0.07*	0.11	*0.01*
*India, Poona	88	**0.9**	*0.10*	0.08	*0.01*	74	**0.8**	*0.10*	0.07	*0.01*
*India, Sikkim State	16	**1.2**	*0.33*	0.10	*0.04*	9	**1.0**	*0.36*	0.13	*0.06*
*India, Trivandrum	15	**0.9**	*0.24*	0.06	*0.02*	10	**0.6**	*0.20*	0.06	*0.02*
*Iran (Islamic Republic of), Golestan Province	31	**1.3**	*0.26*	0.15	*0.04*	33	**1.5**	*0.28*	0.14	*0.03*
Israel	223	**1.3**	*0.09*	0.12	*0.01*	178	**1.0**	*0.08*	0.08	*0.01*
*Israel: Jews	185	**1.3**	*0.10*	0.12	*0.01*	151	**1.0**	*0.09*	0.09	*0.01*
*Israel: Non–Jews	38	**1.1**	*0.20*	0.09	*0.02*	27	**0.9**	*0.18*	0.08	*0.02*
Japan, Aichi Prefecture	27	**0.7**	*0.15*	0.05	*0.01*	26	**0.6**	*0.16*	0.04	*0.01*
Japan, Fukui Prefecture	18	**0.5**	*0.15*	0.05	*0.01*	29	**0.7**	*0.17*	0.06	*0.02*
Japan, Hiroshima	20	**0.6**	*0.15*	0.06	*0.01*	17	**0.6**	*0.19*	0.05	*0.01*
Japan, Miyagi Prefecture	34	**0.5**	*0.10*	0.03	*0.01*	28	**0.3**	*0.08*	0.03	*0.01*
Japan, Nagasaki Prefecture	28	**0.6**	*0.14*	0.05	*0.01*	28	**0.5**	*0.12*	0.05	*0.01*
Japan, Niigata Prefecture	50	**0.7**	*0.13*	0.06	*0.01*	46	**0.7**	*0.13*	0.05	*0.01*
*Japan, Osaka Prefecture	145	**0.6**	*0.06*	0.05	*0.00*	101	**0.4**	*0.05*	0.03	*0.00*
Japan, Saga Prefecture	12	**0.4**	*0.15*	0.03	*0.01*	9	**0.2**	*0.10*	0.02	*0.01*
Republic of Korea	1220	**1.0**	*0.03*	0.08	*0.00*	996	**0.8**	*0.03*	0.06	*0.00*
Republic of Korea, Busan	88	**0.9**	*0.10*	0.08	*0.01*	74	**0.8**	*0.11*	0.06	*0.01*
Republic of Korea, Daegu	69	**1.1**	*0.14*	0.09	*0.01*	62	**0.9**	*0.13*	0.07	*0.01*
Republic of Korea, Daejeon	32	**1.0**	*0.18*	0.08	*0.02*	30	**0.9**	*0.17*	0.08	*0.02*
Republic of Korea, Gwangju	32	**1.0**	*0.18*	0.07	*0.02*	20	**0.5**	*0.13*	0.04	*0.01*
Republic of Korea, Incheon	77	**1.2**	*0.14*	0.11	*0.02*	53	**0.8**	*0.11*	0.08	*0.01*
Republic of Korea, Jejudo	17	**1.5**	*0.39*	0.13	*0.04*	18	**1.3**	*0.33*	0.13	*0.04*
Republic of Korea, Seoul	231	**0.9**	*0.07*	0.07	*0.01*	210	**0.8**	*0.06*	0.07	*0.01*
Republic of Korea, Ulsan	19	**0.6**	*0.15*	0.06	*0.02*	29	**1.1**	*0.23*	0.09	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bone (C40-41) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	38	**0.5**	*0.10*	0.04	*0.01*	28	**0.6**	*0.12*	0.04	*0.01*
*Kuwait: Kuwaitis	20	**0.8**	*0.20*	0.06	*0.02*	16	**0.6**	*0.16*	0.05	*0.01*
*Kuwait: Non−Kuwaitis	18	**0.4**	*0.11*	0.02	*0.01*	12	**0.6**	*0.24*	0.03	*0.01*
*Malaysia, Penang	45	**1.7**	*0.26*	0.18	*0.04*	27	**1.0**	*0.20*	0.10	*0.03*
*Malaysia, Penang: Chinese	32	**2.4**	*0.44*	0.25	*0.05*	18	**1.2**	*0.29*	0.13	*0.04*
*Malaysia, Penang: Indian	2	**1.1**	*0.79*	0.02	*0.02*	3	**1.3**	*0.74*	0.18	*0.14*
*Malaysia, Penang: Malay	11	**1.0**	*0.32*	0.09	*0.03*	6	**0.5**	*0.20*	0.03	*0.01*
*Philippines, Manila	272	**2.5**	*0.17*	0.26	*0.03*	214	**1.8**	*0.13*	0.17	*0.02*
*Philippines, Rizal	261	**2.2**	*0.15*	0.23	*0.02*	220	**1.7**	*0.12*	0.17	*0.02*
Qatar: Qatari	4	**0.8**	*0.42*	0.06	*0.03*	3	**0.5**	*0.31*	0.04	*0.02*
*Saudi Arabia, Riyadh: Saudi	84	**0.8**	*0.10*	0.06	*0.01*	46	**0.5**	*0.08*	0.04	*0.01*
Singapore	61	**0.7**	*0.09*	0.05	*0.01*	47	**0.5**	*0.08*	0.04	*0.01*
Singapore: Chinese	45	**0.7**	*0.11*	0.05	*0.01*	35	**0.5**	*0.09*	0.04	*0.01*
Singapore: Indian	6	**0.8**	*0.33*	0.05	*0.02*	4	**0.5**	*0.27*	0.05	*0.02*
Singapore: Malay	8	**0.8**	*0.28*	0.07	*0.03*	7	**0.6**	*0.21*	0.04	*0.02*
Thailand, Bangkok	157	**1.1**	*0.09*	0.11	*0.01*	143	**0.9**	*0.08*	0.07	*0.01*
Thailand, Chiang Mai	29	**0.7**	*0.14*	0.06	*0.01*	25	**0.6**	*0.12*	0.05	*0.01*
Thailand, Chonburi	20	**0.7**	*0.16*	0.06	*0.02*	16	**0.6**	*0.14*	0.05	*0.01*
*Thailand, Khon Kaen	25	**0.6**	*0.11*	0.05	*0.01*	22	**0.5**	*0.11*	0.04	*0.01*
Thailand, Lampang	13	**0.6**	*0.17*	0.05	*0.02*	13	**0.5**	*0.14*	0.05	*0.02*
*Thailand, Songkhla	20	**0.8**	*0.18*	0.10	*0.03*	13	**0.5**	*0.13*	0.03	*0.01*
*Turkey, Antalya	41	**1.0**	*0.17*	0.09	*0.02*	41	**1.1**	*0.17*	0.09	*0.02*
*Turkey, Edirne	3	**0.5**	*0.28*	0.03	*0.02*	13	**1.7**	*0.51*	0.13	*0.04*
*Turkey, Izmir	128	**1.4**	*0.13*	0.12	*0.01*	100	**1.1**	*0.11*	0.09	*0.01*
*Turkey, Trabzon	9	**0.8**	*0.27*	0.05	*0.02*	14	**1.2**	*0.34*	0.09	*0.03*
Europe										
Austria	244	**1.2**	*0.08*	0.09	*0.01*	203	**0.8**	*0.07*	0.07	*0.01*
Austria, Tyrol	22	**1.3**	*0.29*	0.10	*0.02*	10	**0.4**	*0.15*	0.04	*0.02*
Austria, Vorarlberg	10	**1.0**	*0.34*	0.09	*0.03*	10	**0.8**	*0.29*	0.06	*0.02*
*Belarus	266	**1.0**	*0.07*	0.09	*0.01*	221	**0.7**	*0.05*	0.06	*0.00*
*Belgium	302	**1.4**	*0.09*	0.11	*0.01*	289	**1.2**	*0.08*	0.10	*0.01*
Bulgaria	256	**1.1**	*0.08*	0.10	*0.01*	185	**0.8**	*0.07*	0.07	*0.01*
Croatia	283	**2.3**	*0.15*	0.20	*0.01*	215	**1.6**	*0.14*	0.12	*0.01*
Cyprus	27	**1.4**	*0.28*	0.11	*0.02*	19	**0.9**	*0.23*	0.06	*0.02*
Czech Republic	307	**1.0**	*0.06*	0.09	*0.01*	250	**0.8**	*0.06*	0.06	*0.00*
Denmark	128	**0.9**	*0.09*	0.07	*0.01*	104	**0.8**	*0.08*	0.06	*0.01*
*Estonia	43	**1.2**	*0.19*	0.13	*0.02*	20	**0.4**	*0.11*	0.04	*0.01*
Finland	121	**0.7**	*0.07*	0.06	*0.01*	94	**0.6**	*0.07*	0.05	*0.01*
*France, Bas−Rhin	28	**1.1**	*0.22*	0.09	*0.02*	20	**0.6**	*0.16*	0.06	*0.02*
*France, Calvados	20	**1.1**	*0.27*	0.10	*0.02*	12	**0.5**	*0.17*	0.05	*0.02*
*France, Doubs	10	**0.7**	*0.25*	0.06	*0.02*	14	**1.0**	*0.30*	0.07	*0.02*
*France, Haut−Rhin	18	**1.1**	*0.27*	0.08	*0.02*	17	**0.9**	*0.24*	0.07	*0.02*
*France, Hérault	32	**1.3**	*0.25*	0.10	*0.02*	30	**1.0**	*0.20*	0.08	*0.02*
*France, Isère	36	**1.2**	*0.21*	0.09	*0.02*	30	**0.8**	*0.17*	0.06	*0.01*
*France, Loire−Atlantique	33	**1.1**	*0.20*	0.09	*0.02*	40	**1.2**	*0.22*	0.09	*0.02*
*France, Manche	10	**0.6**	*0.22*	0.04	*0.02*	8	**0.7**	*0.26*	0.05	*0.02*
*France, Somme	18	**1.4**	*0.33*	0.11	*0.03*	24	**1.3**	*0.29*	0.12	*0.03*
*France, Tarn	20	**1.5**	*0.40*	0.14	*0.04*	10	**0.8**	*0.30*	0.07	*0.03*
*France, Vendée	23	**1.4**	*0.32*	0.13	*0.03*	18	**1.1**	*0.32*	0.10	*0.02*
Germany, Brandenburg	75	**1.0**	*0.14*	0.09	*0.01*	82	**1.2**	*0.17*	0.09	*0.01*
Germany, Bremen	12	**0.8**	*0.29*	0.06	*0.02*	16	**1.0**	*0.32*	0.08	*0.02*
Germany, Free State of Saxony	137	**1.3**	*0.13*	0.09	*0.01*	134	**1.0**	*0.12*	0.07	*0.01*
Germany, Hamburg	54	**1.2**	*0.18*	0.09	*0.01*	57	**1.1**	*0.18*	0.08	*0.01*
Germany, Mecklenburg−Western Pomerania	43	**0.8**	*0.15*	0.08	*0.01*	42	**0.7**	*0.13*	0.06	*0.01*
Germany, Munich	102	**1.0**	*0.11*	0.08	*0.01*	70	**0.6**	*0.09*	0.05	*0.01*
Germany, North Rhine−Westphalia	82	**1.2**	*0.14*	0.09	*0.01*	66	**1.0**	*0.14*	0.07	*0.01*
Germany, Saarland	25	**0.8**	*0.18*	0.07	*0.02*	24	**0.6**	*0.14*	0.06	*0.01*
Germany, Schleswig−Holstein	66	**0.9**	*0.13*	0.08	*0.01*	57	**0.7**	*0.11*	0.06	*0.01*
Iceland	13	**1.8**	*0.50*	0.12	*0.04*	7	**0.8**	*0.33*	0.08	*0.03*
Ireland	101	**0.9**	*0.09*	0.08	*0.01*	86	**0.7**	*0.08*	0.06	*0.01*
Italy, Biella	10	**1.5**	*0.53*	0.14	*0.05*	6	**0.5**	*0.26*	0.05	*0.03*
Italy, Brescia	29	**1.3**	*0.28*	0.11	*0.02*	17	**0.8**	*0.25*	0.06	*0.02*
Italy, Catania and Messina	23	**0.8**	*0.19*	0.05	*0.01*	18	**0.6**	*0.16*	0.05	*0.01*
Italy, Catanzaro	6	**0.9**	*0.41*	0.09	*0.04*	3	**0.5**	*0.38*	0.03	*0.02*
Italy, Como	16	**1.2**	*0.33*	0.09	*0.02*	10	**1.0**	*0.36*	0.07	*0.02*
Italy, Ferrara	9	**1.6**	*0.64*	0.10	*0.04*	10	**0.6**	*0.24*	0.06	*0.02*
Italy, Florence and Prato	19	**0.8**	*0.25*	0.07	*0.02*	22	**0.8**	*0.21*	0.08	*0.02*
Italy, Friuli−Venezia Giulia	34	**0.9**	*0.20*	0.08	*0.02*	23	**0.6**	*0.16*	0.05	*0.01*
Italy, Genoa	15	**1.0**	*0.31*	0.08	*0.02*	25	**1.3**	*0.36*	0.10	*0.02*
Italy, Latina	16	**1.4**	*0.38*	0.10	*0.03*	10	**0.6**	*0.23*	0.05	*0.02*
Italy, Lecco	17	**2.2**	*0.63*	0.15	*0.04*	6	**0.6**	*0.31*	0.04	*0.02*
Italy, Lombardy, South	6	**0.5**	*0.24*	0.03	*0.02*	11	**0.9**	*0.40*	0.06	*0.02*
Italy, Mantua	9	**1.0**	*0.47*	0.10	*0.04*	5	**0.7**	*0.38*	0.07	*0.03*
Italy, Milan	27	**1.0**	*0.25*	0.08	*0.02*	32	**0.8**	*0.19*	0.06	*0.01*
Italy, Modena	19	**1.3**	*0.36*	0.10	*0.02*	13	**0.7**	*0.24*	0.06	*0.02*
Italy, Naples	15	**1.0**	*0.28*	0.10	*0.03*	17	**1.2**	*0.30*	0.10	*0.03*
Italy, Nuoro	4	**0.3**	*0.15*	0.01	*0.01*	7	**0.9**	*0.40*	0.07	*0.03*
Italy, Palermo	22	**0.8**	*0.19*	0.06	*0.01*	23	**0.7**	*0.18*	0.05	*0.01*
Italy, Parma	16	**1.6**	*0.51*	0.12	*0.03*	11	**0.5**	*0.26*	0.05	*0.02*
Italy, Ragusa	9	**0.7**	*0.27*	0.06	*0.03*	7	**0.7**	*0.32*	0.05	*0.02*
Italy, Reggio Emilia	16	**1.3**	*0.40*	0.09	*0.03*	10	**0.6**	*0.24*	0.06	*0.02*
Italy, Romagna	34	**1.1**	*0.23*	0.08	*0.02*	23	**0.7**	*0.18*	0.05	*0.01*
Italy, Salerno	34	**1.0**	*0.19*	0.09	*0.02*	27	**0.7**	*0.18*	0.06	*0.01*
Italy, Sassari	18	**1.6**	*0.42*	0.12	*0.03*	6	**0.3**	*0.13*	0.03	*0.01*
Italy, Sondrio	4	**0.7**	*0.34*	0.06	*0.03*	3	**0.9**	*0.54*	0.06	*0.03*
Italy, South Tyrol	9	**0.6**	*0.21*	0.06	*0.02*	7	**0.5**	*0.23*	0.04	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bone (C40-41) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	15	**1.3**	*0.36*	0.13	*0.04*	8	**0.8**	*0.28*	0.06	*0.02*
Italy, Trapani	7	**0.9**	*0.38*	0.07	*0.03*	13	**1.2**	*0.42*	0.09	*0.03*
Italy, Trento	15	**1.4**	*0.40*	0.11	*0.03*	3	**0.4**	*0.26*	0.03	*0.02*
Italy, Turin	21	**0.8**	*0.21*	0.06	*0.02*	26	**1.1**	*0.29*	0.08	*0.02*
Italy, Umbria	37	**1.5**	*0.30*	0.12	*0.02*	26	**1.1**	*0.29*	0.07	*0.02*
Italy, Varese	30	**1.3**	*0.29*	0.10	*0.02*	16	**0.5**	*0.15*	0.06	*0.01*
Italy, Veneto	56	**1.3**	*0.20*	0.10	*0.01*	26	**0.5**	*0.13*	0.04	*0.01*
Latvia	67	**1.4**	*0.18*	0.12	*0.02*	54	**0.8**	*0.13*	0.07	*0.01*
Lithuania	105	**1.1**	*0.12*	0.10	*0.01*	83	**0.8**	*0.10*	0.06	*0.01*
Malta	13	**1.5**	*0.44*	0.10	*0.03*	6	**0.4**	*0.20*	0.05	*0.02*
*The Netherlands	565	**1.3**	*0.06*	0.11	*0.00*	488	**1.1**	*0.05*	0.09	*0.00*
*The Netherlands, Eindhoven	33	**1.2**	*0.23*	0.10	*0.02*	26	**1.0**	*0.20*	0.08	*0.02*
Norway	129	**1.0**	*0.09*	0.08	*0.01*	105	**0.8**	*0.09*	0.06	*0.01*
Poland, Cracow	16	**0.9**	*0.25*	0.09	*0.02*	10	**0.7**	*0.25*	0.05	*0.02*
Poland, Kielce	30	**0.8**	*0.15*	0.08	*0.02*	27	**0.6**	*0.13*	0.05	*0.01*
Poland, Lower Silesia	74	**1.0**	*0.13*	0.08	*0.01*	77	**0.9**	*0.12*	0.07	*0.01*
Poland, Podkarpackie	82	**1.2**	*0.14*	0.12	*0.02*	60	**0.8**	*0.12*	0.07	*0.01*
Portugal, Azores	5	**0.9**	*0.43*	0.07	*0.04*	6	**1.0**	*0.42*	0.06	*0.03*
Russian Federation, Saint Petersburg	112	**1.0**	*0.10*	0.09	*0.01*	122	**0.7**	*0.09*	0.06	*0.01*
*Serbia, Central	362	**2.2**	*0.13*	0.21	*0.01*	300	**1.7**	*0.11*	0.14	*0.01*
Slovakia	171	**1.2**	*0.10*	0.10	*0.01*	125	**0.8**	*0.08*	0.07	*0.01*
Slovenia	53	**0.8**	*0.12*	0.08	*0.01*	49	**0.9**	*0.15*	0.07	*0.01*
Spain, Albacete	14	**1.7**	*0.47*	0.12	*0.03*	10	**1.1**	*0.39*	0.08	*0.03*
Spain, Asturias	41	**1.4**	*0.28*	0.11	*0.02*	21	**0.6**	*0.16*	0.05	*0.01*
Spain, Basque Country	54	**0.9**	*0.15*	0.07	*0.01*	39	**0.6**	*0.13*	0.05	*0.01*
Spain, Canary Islands	39	**1.1**	*0.20*	0.08	*0.02*	21	**0.6**	*0.15*	0.04	*0.01*
Spain, Ciudad Real	12	**0.8**	*0.27*	0.07	*0.03*	9	**0.8**	*0.29*	0.06	*0.02*
Spain, Cuenca	5	**0.6**	*0.39*	0.05	*0.03*	5	**0.6**	*0.33*	0.05	*0.03*
Spain, Girona	19	**1.0**	*0.28*	0.08	*0.02*	9	**0.5**	*0.19*	0.04	*0.02*
*Spain, Granada	26	**1.1**	*0.23*	0.08	*0.02*	10	**0.5**	*0.17*	0.03	*0.01*
Spain, La Rioja	4	**0.9**	*0.46*	0.05	*0.03*	8	**0.7**	*0.28*	0.08	*0.03*
Spain, Mallorca	17	**0.8**	*0.23*	0.07	*0.02*	15	**0.8**	*0.24*	0.06	*0.02*
Spain, Murcia	32	**0.9**	*0.18*	0.07	*0.01*	32	**1.0**	*0.19*	0.08	*0.01*
Spain, Navarra	18	**1.1**	*0.31*	0.08	*0.02*	13	**0.9**	*0.30*	0.07	*0.02*
Spain, Tarragona	15	**0.8**	*0.25*	0.05	*0.02*	16	**0.8**	*0.23*	0.06	*0.02*
*Sweden	199	**0.7**	*0.06*	0.06	*0.00*	160	**0.7**	*0.06*	0.06	*0.00*
Switzerland, Basel	14	**1.3**	*0.42*	0.11	*0.03*	10	**1.2**	*0.41*	0.08	*0.03*
Switzerland, Geneva	16	**1.2**	*0.32*	0.13	*0.03*	16	**1.2**	*0.40*	0.08	*0.03*
Switzerland, Graubünden and Glarus	10	**1.7**	*0.58*	0.18	*0.06*	8	**1.3**	*0.59*	0.10	*0.04*
Switzerland, Neuchâtel	6	**1.3**	*0.58*	0.13	*0.05*	4	**0.7**	*0.43*	0.06	*0.04*
Switzerland, St Gall–Appenzell	11	**0.7**	*0.23*	0.06	*0.02*	13	**0.9**	*0.27*	0.08	*0.02*
Switzerland, Ticino	8	**1.1**	*0.43*	0.07	*0.03*	7	**0.6**	*0.28*	0.05	*0.02*
Switzerland, Valais	9	**1.0**	*0.38*	0.08	*0.03*	2	**0.2**	*0.14*	0.02	*0.01*
Switzerland, Vaud	16	**1.1**	*0.29*	0.07	*0.02*	17	**1.0**	*0.28*	0.08	*0.02*
Switzerland, Zurich	35	**1.0**	*0.19*	0.09	*0.02*	24	**0.8**	*0.19*	0.05	*0.01*
Ukraine	1786	**1.4**	*0.03*	0.13	*0.00*	1455	**0.9**	*0.03*	0.08	*0.00*
UK, England	1408	**1.0**	*0.03*	0.08	*0.00*	1064	**0.7**	*0.03*	0.06	*0.00*
UK, England, East of England Region	141	**0.9**	*0.08*	0.07	*0.01*	124	**0.9**	*0.09*	0.06	*0.01*
UK, England, North Western	200	**1.1**	*0.08*	0.09	*0.01*	139	**0.7**	*0.07*	0.06	*0.01*
UK, England, Northern and Yorkshire	171	**1.0**	*0.08*	0.07	*0.01*	122	**0.6**	*0.06*	0.05	*0.00*
UK, England, Oxford Region	81	**1.0**	*0.12*	0.08	*0.01*	63	**0.8**	*0.11*	0.06	*0.01*
UK, England, South and Western Regions	217	**1.1**	*0.08*	0.09	*0.01*	167	**0.8**	*0.07*	0.07	*0.01*
UK, England, Thames	338	**1.1**	*0.06*	0.09	*0.01*	250	**0.8**	*0.06*	0.06	*0.00*
UK, England, Trent	85	**1.0**	*0.12*	0.08	*0.01*	62	**0.7**	*0.10*	0.05	*0.01*
UK, England, West Midlands	118	**0.8**	*0.08*	0.07	*0.01*	90	**0.6**	*0.07*	0.04	*0.01*
UK, Northern Ireland	45	**1.0**	*0.15*	0.08	*0.01*	36	**0.7**	*0.13*	0.05	*0.01*
UK, Scotland	118	**0.9**	*0.09*	0.07	*0.01*	96	**0.8**	*0.09*	0.05	*0.01*
UK, Wales	85	**1.0**	*0.12*	0.08	*0.01*	65	**0.6**	*0.09*	0.05	*0.01*
Oceania										
Australian Capital Territory	8	**0.9**	*0.33*	0.08	*0.04*	9	**1.0**	*0.37*	0.08	*0.03*
Australia, New South Wales	209	**1.2**	*0.09*	0.09	*0.01*	138	**0.7**	*0.07*	0.06	*0.01*
Australia, Northern Territory	4	**0.8**	*0.45*	0.12	*0.09*	0	**-**	-	–	-
Australia, Northern Territory: Indigenous	1	**2.3**	*2.31*	0.58	*0.58*	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	2	**0.3**	*0.24*	0.03	*0.02*	0	**-**	-	–	-
Australia, Queensland	128	**1.2**	*0.11*	0.09	*0.01*	95	**0.9**	*0.10*	0.07	*0.01*
South Australia	41	**0.8**	*0.14*	0.08	*0.01*	33	**0.8**	*0.16*	0.06	*0.01*
Australia, Tasmania	18	**1.2**	*0.31*	0.10	*0.03*	12	**0.8**	*0.26*	0.08	*0.02*
Australia, Victoria	112	**0.8**	*0.08*	0.06	*0.01*	111	**0.8**	*0.08*	0.07	*0.01*
Western Australia	52	**0.9**	*0.13*	0.08	*0.01*	39	**0.7**	*0.13*	0.06	*0.01*
New Zealand	131	**1.2**	*0.11*	0.10	*0.01*	94	**0.9**	*0.10*	0.07	*0.01*
New Zealand: Maori	25	**1.6**	*0.34*	0.14	*0.04*	17	**1.1**	*0.29*	0.08	*0.03*
New Zealand: Pacific Islander	8	**1.1**	*0.41*	0.07	*0.03*	6	**0.9**	*0.37*	0.06	*0.02*
New Zealand: Other	98	**1.1**	*0.12*	0.09	*0.01*	71	**0.8**	*0.11*	0.06	*0.01*
USA, Hawaii	24	**0.7**	*0.14*	0.06	*0.01*	23	**0.7**	*0.16*	0.05	*0.01*
*USA, Hawaii: Chinese	3	**2.2**	*1.36*	0.16	*0.09*	3	**1.5**	*1.07*	0.09	*0.06*
*USA, Hawaii: Filipino	4	**0.9**	*0.47*	0.08	*0.04*	3	**0.7**	*0.39*	0.06	*0.04*
*USA, Hawaii: Hawaiian	5	**0.8**	*0.36*	0.09	*0.05*	4	**0.6**	*0.32*	0.07	*0.04*
*USA, Hawaii: Japanese	3	**0.3**	*0.18*	0.05	*0.03*	6	**0.6**	*0.35*	0.04	*0.02*
*USA, Hawaii: White	7	**0.5**	*0.20*	0.04	*0.02*	5	**1.0**	*0.49*	0.06	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Melanoma of skin (C43)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	5	**0.2**	*0.07*	–	-	5	**0.2**	*0.08*	–	-
Egypt, Gharbiah	19	**0.3**	*0.07*	0.03	*0.01*	23	**0.3**	*0.07*	0.04	*0.01*
*Libya, Benghazi	4	**0.2**	*0.13*	0.02	*0.01*	5	**0.3**	*0.16*	0.04	*0.02*
*Malawi, Blantyre	18	**1.4**	*0.40*	0.10	*0.03*	37	**3.8**	*0.71*	0.43	*0.10*
*South Africa, PROMEC	11	**0.6**	*0.20*	0.07	*0.03*	10	**0.4**	*0.12*	0.03	*0.01*
*Tunisia, North	38	**0.5**	*0.09*	0.05	*0.01*	41	**0.5**	*0.09*	0.05	*0.01*
*Uganda, Kyadondo County	13	**1.1**	*0.35*	0.15	*0.06*	29	**2.0**	*0.44*	0.29	*0.07*
*Zimbabwe, Harare: African	14	**1.5**	*0.45*	0.25	*0.08*	21	**3.3**	*0.77*	0.32	*0.10*
America, Central and South										
Argentina, Bahía Blanca	23	**2.9**	*0.62*	0.34	*0.08*	20	**1.8**	*0.47*	0.22	*0.06*
Argentina, Córdoba	100	**3.7**	*0.37*	0.39	*0.05*	102	**3.1**	*0.32*	0.33	*0.04*
Argentina, Mendoza	130	**3.1**	*0.28*	0.38	*0.04*	148	**3.0**	*0.26*	0.35	*0.03*
*Argentina, Tierra del Fuego	7	**3.0**	*1.26*	0.44	*0.24*	9	**4.9**	*1.73*	0.59	*0.28*
Brazil, Aracaju	28	**4.3**	*0.85*	0.49	*0.13*	33	**3.8**	*0.68*	0.40	*0.09*
Brazil, Belo Horizonte	94	**3.3**	*0.35*	0.33	*0.05*	114	**2.8**	*0.27*	0.28	*0.04*
Brazil, Cuiabá	26	**2.6**	*0.55*	0.27	*0.07*	32	**2.6**	*0.48*	0.26	*0.07*
Brazil, Fortaleza	71	**2.3**	*0.29*	0.27	*0.04*	64	**1.5**	*0.20*	0.17	*0.03*
Brazil, Goiânia	165	**8.0**	*0.64*	0.87	*0.09*	145	**5.0**	*0.43*	0.51	*0.06*
*Brazil, São Paulo	1309	**5.8**	*0.19*	0.63	*0.03*	1421	**4.6**	*0.15*	0.49	*0.02*
Chile, Region of Antofagasta	27	**2.0**	*0.39*	0.23	*0.05*	27	**2.1**	*0.41*	0.23	*0.06*
Chile, Bío Bío Province	23	**2.3**	*0.48*	0.24	*0.07*	24	**2.3**	*0.48*	0.27	*0.06*
Chile, Valdivia	33	**3.2**	*0.57*	0.36	*0.08*	25	**2.2**	*0.45*	0.23	*0.05*
Colombia, Bucaramanga	35	**1.7**	*0.30*	0.20	*0.04*	62	**2.3**	*0.30*	0.26	*0.04*
Colombia, Cali	175	**4.0**	*0.32*	0.43	*0.04*	178	**3.1**	*0.24*	0.35	*0.03*
Colombia, Manizales	27	**3.2**	*0.62*	0.43	*0.09*	36	**3.1**	*0.52*	0.33	*0.07*
Colombia, Pasto	16	**2.1**	*0.53*	0.25	*0.08*	30	**3.1**	*0.57*	0.35	*0.08*
Costa Rica	234	**2.5**	*0.17*	0.29	*0.02*	221	**2.2**	*0.15*	0.22	*0.02*
Cuba, Villa Clara	39	**1.6**	*0.27*	0.18	*0.04*	41	**1.8**	*0.29*	0.19	*0.03*
Ecuador, Cuenca	20	**2.2**	*0.50*	0.22	*0.07*	30	**2.2**	*0.43*	0.16	*0.05*
Ecuador, Quito	105	**3.6**	*0.36*	0.43	*0.06*	138	**3.9**	*0.35*	0.44	*0.05*
*France, Martinique	27	**2.0**	*0.41*	0.22	*0.05*	25	**1.6**	*0.34*	0.18	*0.04*
*Jamaica, Kingston and St Andrew	9	**0.7**	*0.24*	0.08	*0.03*	10	**0.6**	*0.21*	0.09	*0.03*
USA, Puerto Rico	233	**1.8**	*0.12*	0.22	*0.02*	214	**1.4**	*0.11*	0.14	*0.01*
Uruguay	301	**4.6**	*0.28*	0.52	*0.04*	277	**3.6**	*0.24*	0.38	*0.03*
America, North										
Canada	11737	**10.0**	*0.10*	1.12	*0.01*	10387	**8.6**	*0.09*	0.88	*0.01*
Canada, Alberta	1121	**10.4**	*0.32*	1.20	*0.04*	1044	**9.3**	*0.30*	0.93	*0.03*
Canada, British Columbia	1953	**12.1**	*0.29*	1.33	*0.04*	1626	**10.1**	*0.27*	1.04	*0.03*
Canada, Manitoba	362	**8.6**	*0.47*	0.98	*0.06*	305	**6.7**	*0.42*	0.68	*0.05*
Canada, New Brunswick	331	**11.5**	*0.65*	1.33	*0.09*	295	**10.2**	*0.65*	1.03	*0.07*
Canada, Newfoundland and Labrador	173	**8.6**	*0.68*	0.95	*0.09*	158	**7.6**	*0.63*	0.80	*0.07*
*Canada, Northwest Territories	5	**3.8**	*1.77*	0.24	*0.12*	5	**3.8**	*1.72*	0.36	*0.17*
Canada, Nova Scotia	529	**14.9**	*0.67*	1.69	*0.09*	507	**13.2**	*0.63*	1.39	*0.07*
Canada, Ontario	5370	**11.9**	*0.17*	1.33	*0.02*	4782	**10.2**	*0.16*	1.04	*0.02*
Canada, Prince Edward Island	79	**14.8**	*1.73*	1.63	*0.22*	71	**13.3**	*1.73*	1.33	*0.19*
*Canada, Quebec	1491	**5.3**	*0.14*	0.59	*0.02*	1322	**4.6**	*0.14*	0.48	*0.02*
Canada, Saskatchewan	316	**8.8**	*0.52*	1.00	*0.07*	264	**6.9**	*0.46*	0.69	*0.05*
*Canada, Yukon	7	**7.1**	*2.72*	0.90	*0.37*	8	**7.2**	*2.65*	0.67	*0.24*
USA, NPCR (42 states)	135258	**15.1**	*0.04*	1.70	*0.01*	103056	**11.1**	*0.04*	1.13	*0.00*
USA, NPCR (42 states): American Indian	232	**3.4**	*0.23*	0.38	*0.03*	226	**2.9**	*0.20*	0.30	*0.02*
USA, NPCR (42 states): Asian and Pacific Islander	253	**0.8**	*0.05*	0.09	*0.01*	293	**0.8**	*0.05*	0.08	*0.01*
USA, NPCR (42 states): Black	558	**0.7**	*0.03*	0.07	*0.00*	791	**0.7**	*0.03*	0.07	*0.00*
USA, NPCR (42 states): White	128924	**16.8**	*0.05*	1.89	*0.01*	96757	**12.7**	*0.04*	1.28	*0.00*
USA, SEER (9 registries)	15956	**17.3**	*0.14*	1.95	*0.02*	12650	**13.2**	*0.12*	1.33	*0.01*
*USA, SEER (9 registries): Black	50	**0.7**	*0.09*	0.09	*0.02*	69	**0.6**	*0.08*	0.07	*0.01*
*USA, SEER (9 registries): White	15461	**20.9**	*0.17*	2.34	*0.02*	12124	**16.5**	*0.16*	1.66	*0.02*
USA, SEER (18 registries)	44851	**16.8**	*0.08*	1.88	*0.01*	33983	**12.0**	*0.07*	1.23	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	230	**1.1**	*0.07*	0.11	*0.01*	247	**0.9**	*0.06*	0.09	*0.01*
*USA, SEER (18 registries): Black	164	**0.7**	*0.06*	0.09	*0.01*	214	**0.7**	*0.05*	0.07	*0.01*
*USA, SEER (18 registries): Hispanic White	892	**2.8**	*0.10*	0.30	*0.01*	1320	**3.6**	*0.10*	0.38	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	41803	**22.7**	*0.12*	2.53	*0.02*	30513	**17.0**	*0.11*	1.71	*0.01*
*USA, SEER (18 registries): White	42695	**19.6**	*0.10*	2.20	*0.01*	31833	**14.4**	*0.09*	1.47	*0.01*
USA, Alabama	2394	**15.2**	*0.32*	1.73	*0.04*	1681	**10.1**	*0.26*	1.04	*0.03*
USA, Alabama: Black	19	**0.6**	*0.15*	0.07	*0.02*	29	**0.5**	*0.11*	0.05	*0.02*
USA, Alabama: White	2356	**18.9**	*0.40*	2.14	*0.05*	1628	**13.4**	*0.36*	1.36	*0.04*
USA, Alaska	168	**8.3**	*0.66*	0.85	*0.08*	144	**7.8**	*0.67*	0.86	*0.09*
*USA, Alaska: American Indian	3	**1.2**	*0.68*	0.14	*0.09*	6	**2.0**	*0.81*	0.18	*0.08*
USA, Arizona	2884	**13.8**	*0.27*	1.59	*0.04*	1849	**9.0**	*0.22*	0.94	*0.03*
USA, Arizona: American Indian	17	**2.5**	*0.64*	0.26	*0.08*	14	**1.7**	*0.47*	0.20	*0.07*
USA, Arizona: Asian and Pacific Islander	0	**-**	-	–	-	2	**0.4**	*0.32*	0.07	*0.05*
USA, Arizona: Black	4	**0.8**	*0.41*	0.08	*0.06*	3	**0.5**	*0.31*	0.04	*0.03*
USA, Arizona: White	2677	**13.9**	*0.28*	1.60	*0.04*	1671	**9.0**	*0.23*	0.93	*0.03*
USA, Arkansas	1167	**11.7**	*0.36*	1.32	*0.05*	809	**7.8**	*0.30*	0.80	*0.03*
USA, Arkansas: Black	7	**0.8**	*0.31*	0.11	*0.05*	6	**0.5**	*0.20*	0.04	*0.02*
USA, Arkansas: White	1143	**13.0**	*0.41*	1.47	*0.05*	790	**9.0**	*0.35*	0.92	*0.04*
USA, California	19014	**16.7**	*0.13*	1.86	*0.02*	13574	**11.2**	*0.10*	1.16	*0.01*
USA, California: American Indian	35	**3.1**	*0.54*	0.43	*0.10*	20	**1.4**	*0.33*	0.16	*0.05*
USA, California: Asian and Pacific Islander	116	**0.8**	*0.08*	0.10	*0.01*	130	**0.8**	*0.07*	0.08	*0.01*
USA, California: Black	45	**0.7**	*0.11*	0.09	*0.02*	56	**0.7**	*0.09*	0.08	*0.01*
USA, California: White	17700	**19.3**	*0.15*	2.16	*0.02*	12314	**13.0**	*0.12*	1.36	*0.01*
USA, California, Los Angeles County	3612	**12.3**	*0.21*	1.33	*0.03*	2468	**7.5**	*0.16*	0.77	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander	38	**0.9**	*0.15*	0.10	*0.02*	43	**0.9**	*0.14*	0.08	*0.02*
*USA, California, Los Angeles County: Black	17	**0.7**	*0.16*	0.10	*0.03*	18	**0.5**	*0.14*	0.04	*0.01*
*USA, California, Los Angeles County: Chinese	15	**1.1**	*0.29*	0.12	*0.04*	13	**1.1**	*0.30*	0.12	*0.04*
*USA, California, Los Angeles County: Filipino	5	**0.6**	*0.28*	0.05	*0.03*	13	**1.0**	*0.29*	0.09	*0.03*
*USA, California, Los Angeles County: Hispanic White	214	**2.5**	*0.18*	0.27	*0.03*	288	**2.7**	*0.17*	0.29	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Melanoma of skin (C43) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	6	**1.4**	*0.67*	0.14	*0.06*	4	**0.7**	*0.39*	0.06	*0.04*
*USA, California, Los Angeles County: Korean	5	**0.9**	*0.43*	0.14	*0.07*	4	**0.5**	*0.24*	0.05	*0.04*
*USA, California, Los Angeles County: Non−Hispanic White	3265	**25.7**	*0.49*	2.77	*0.06*	2055	**16.9**	*0.42*	1.69	*0.04*
*USA, California, Los Angeles County: White	3479	**15.9**	*0.28*	1.74	*0.04*	2343	**9.8**	*0.21*	1.02	*0.03*
USA, California, San Francisco Bay Area	2171	**14.9**	*0.33*	1.70	*0.05*	1634	**10.4**	*0.27*	1.09	*0.03*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	12	**0.4**	*0.13*	0.04	*0.01*	26	**0.7**	*0.15*	0.07	*0.02*
*USA, California, San Francisco Bay Area: Black	7	**0.6**	*0.21*	0.07	*0.04*	9	**0.5**	*0.18*	0.05	*0.02*
*USA, California, San Francisco Bay Area: Hispanic White	62	**4.0**	*0.54*	0.46	*0.08*	73	**3.9**	*0.48*	0.39	*0.06*
*USA, California, San Francisco Bay Area: Non−Hispanic White	1999	**23.7**	*0.56*	2.68	*0.08*	1419	**17.0**	*0.50*	1.78	*0.06*
*USA, California, San Francisco Bay Area: White	2061	**20.3**	*0.47*	2.33	*0.07*	1492	**14.4**	*0.40*	1.52	*0.05*
USA, Colorado	2500	**16.7**	*0.34*	1.85	*0.05*	2087	**13.6**	*0.31*	1.37	*0.04*
USA, Colorado: Asian and Pacific Islander	2	**0.7**	*0.50*	–	-	6	**1.6**	*0.67*	0.17	*0.08*
USA, Colorado: Black	7	**1.5**	*0.60*	0.10	*0.06*	4	**0.8**	*0.40*	0.12	*0.07*
USA, Colorado: White	2479	**17.7**	*0.37*	1.96	*0.05*	2052	**14.5**	*0.33*	1.45	*0.04*
USA, Connecticut	2418	**19.2**	*0.41*	2.14	*0.06*	1948	**14.6**	*0.36*	1.53	*0.04*
*USA, Connecticut: Black	10	**1.3**	*0.42*	0.19	*0.07*	10	**0.8**	*0.27*	0.09	*0.04*
*USA, Connecticut: White	2344	**20.6**	*0.45*	2.29	*0.06*	1883	**16.1**	*0.41*	1.68	*0.05*
USA, Delaware	604	**19.9**	*0.85*	2.16	*0.11*	411	**13.5**	*0.71*	1.40	*0.08*
USA, Delaware: Black	2	**0.4**	*0.29*	0.02	*0.02*	3	**0.7**	*0.43*	0.10	*0.06*
USA, Delaware: White	572	**22.8**	*1.01*	2.45	*0.13*	384	**16.2**	*0.89*	1.65	*0.10*
USA, Florida	10873	**14.9**	*0.16*	1.69	*0.02*	7218	**10.1**	*0.13*	1.06	*0.01*
USA, Florida: Asian and Pacific Islander	13	**1.2**	*0.33*	0.14	*0.05*	13	**1.0**	*0.30*	0.11	*0.03*
USA, Florida: Black	41	**0.6**	*0.10*	0.07	*0.02*	66	**0.7**	*0.09*	0.08	*0.01*
USA, Florida: White	10488	**16.5**	*0.18*	1.86	*0.02*	6913	**11.6**	*0.16*	1.20	*0.02*
USA, Georgia	4824	**18.0**	*0.26*	2.07	*0.04*	3646	**12.2**	*0.21*	1.26	*0.02*
USA, Georgia: Asian and Pacific Islander	2	**0.4**	*0.30*	0.05	*0.04*	5	**0.5**	*0.24*	0.03	*0.01*
USA, Georgia: Black	44	**0.8**	*0.13*	0.10	*0.02*	58	**0.7**	*0.10*	0.09	*0.02*
USA, Georgia: White	4692	**23.3**	*0.35*	2.65	*0.05*	3497	**17.1**	*0.30*	1.73	*0.03*
USA, Georgia, Atlanta	1761	**20.3**	*0.50*	2.28	*0.07*	1367	**13.2**	*0.37*	1.39	*0.05*
*USA, Georgia, Atlanta: Black	17	**0.8**	*0.22*	0.10	*0.03*	24	**0.7**	*0.15*	0.08	*0.03*
*USA, Georgia, Atlanta: White	1704	**29.5**	*0.73*	3.31	*0.10*	1303	**21.6**	*0.62*	2.22	*0.07*
USA, Idaho	950	**20.1**	*0.67*	2.27	*0.09*	686	**14.8**	*0.60*	1.47	*0.07*
USA, Illinois	5275	**12.7**	*0.18*	1.41	*0.02*	4261	**9.7**	*0.16*	0.96	*0.02*
USA, Illinois: Asian and Pacific Islander	9	**0.6**	*0.19*	0.06	*0.02*	5	**0.2**	*0.11*	0.02	*0.01*
USA, Illinois: Black	26	**0.5**	*0.11*	0.06	*0.01*	52	**0.7**	*0.11*	0.07	*0.01*
USA, Illinois: White	4892	**13.9**	*0.21*	1.55	*0.03*	3865	**10.8**	*0.19*	1.07	*0.02*
USA, Indiana	2892	**13.8**	*0.27*	1.57	*0.04*	2353	**10.9**	*0.24*	1.11	*0.03*
USA, Indiana: Black	9	**0.6**	*0.19*	0.03	*0.01*	13	**0.7**	*0.21*	0.09	*0.03*
USA, Indiana: White	2688	**13.9**	*0.28*	1.57	*0.04*	2184	**11.1**	*0.25*	1.13	*0.03*
USA, Iowa	1610	**15.0**	*0.40*	1.63	*0.05*	1313	**12.8**	*0.39*	1.24	*0.04*
USA, Kentucky	2554	**17.8**	*0.36*	2.01	*0.05*	2082	**14.2**	*0.33*	1.42	*0.04*
USA, Louisiana	1286	**11.2**	*0.32*	1.25	*0.04*	872	**6.9**	*0.25*	0.69	*0.03*
*USA, Louisiana: Black	22	**0.7**	*0.16*	0.06	*0.02*	25	**0.6**	*0.12*	0.06	*0.02*
*USA, Louisiana: White	1251	**14.9**	*0.44*	1.66	*0.06*	832	**9.7**	*0.36*	0.96	*0.04*
*USA, Louisiana, New Orleans	208	**9.2**	*0.67*	1.04	*0.09*	133	**5.3**	*0.49*	0.52	*0.05*
*USA, Louisiana, New Orleans: Black	4	**0.6**	*0.29*	0.03	*0.02*	4	**0.5**	*0.24*	0.06	*0.03*
*USA, Louisiana, New Orleans: White	204	**14.1**	*1.06*	1.59	*0.14*	128	**9.0**	*0.88*	0.87	*0.09*
USA, Maine	904	**18.2**	*0.64*	2.08	*0.08*	737	**14.7**	*0.59*	1.48	*0.06*
USA, Massachusetts	4135	**18.3**	*0.30*	2.08	*0.04*	3485	**14.1**	*0.26*	1.44	*0.03*
USA, Massachusetts: Asian and Pacific Islander	5	**0.6**	*0.28*	0.06	*0.04*	7	**0.8**	*0.30*	0.07	*0.04*
USA, Massachusetts: Black	10	**0.9**	*0.30*	0.09	*0.04*	9	**0.6**	*0.23*	0.05	*0.03*
USA, Massachusetts: White	3835	**18.5**	*0.31*	2.10	*0.04*	3202	**14.3**	*0.28*	1.46	*0.03*
USA, Michigan	4873	**14.2**	*0.21*	1.56	*0.03*	4115	**11.8**	*0.20*	1.16	*0.02*
USA, Michigan: Asian and Pacific Islander	6	**1.0**	*0.42*	0.14	*0.07*	5	**0.9**	*0.39*	0.09	*0.06*
USA, Michigan: Black	20	**0.5**	*0.12*	0.05	*0.01*	35	**0.7**	*0.12*	0.06	*0.01*
USA, Michigan: White	4569	**15.3**	*0.24*	1.66	*0.03*	3802	**13.1**	*0.23*	1.28	*0.02*
USA, Michigan, Detroit	1760	**13.2**	*0.33*	1.48	*0.04*	1440	**10.4**	*0.29*	1.01	*0.03*
*USA, Michigan, Detroit: Black	10	**0.4**	*0.12*	0.05	*0.02*	21	**0.5**	*0.13*	0.05	*0.01*
*USA, Michigan, Detroit: White	1711	**16.8**	*0.43*	1.88	*0.06*	1391	**14.2**	*0.41*	1.37	*0.04*
USA, Mississippi	1141	**12.3**	*0.37*	1.42	*0.05*	875	**8.6**	*0.31*	0.87	*0.03*
USA, Missouri	2825	**14.1**	*0.28*	1.63	*0.04*	2022	**9.9**	*0.23*	1.00	*0.03*
USA, Missouri: Black	5	**0.3**	*0.13*	0.02	*0.01*	8	**0.4**	*0.15*	0.05	*0.02*
USA, Missouri: White	2767	**15.3**	*0.30*	1.77	*0.04*	1972	**11.1**	*0.27*	1.12	*0.03*
USA, Montana	480	**13.5**	*0.65*	1.43	*0.08*	396	**12.2**	*0.66*	1.21	*0.07*
USA, Montana: American Indian	9	**7.1**	*2.41*	0.75	*0.30*	3	**2.2**	*1.29*	0.16	*0.12*
USA, Nebraska	863	**14.2**	*0.51*	1.53	*0.07*	673	**11.3**	*0.47*	1.09	*0.05*
USA, Nebraska: Black	1	**0.5**	*0.51*	0.03	*0.03*	2	**0.8**	*0.58*	0.04	*0.04*
USA, Nebraska: White	758	**13.0**	*0.50*	1.39	*0.06*	572	**10.0**	*0.46*	0.97	*0.05*
USA, New Hampshire	1086	**23.7**	*0.75*	2.67	*0.10*	850	**19.1**	*0.71*	1.82	*0.07*
USA, New Jersey	5138	**17.0**	*0.25*	1.95	*0.03*	4149	**12.6**	*0.21*	1.30	*0.02*
*USA, New Jersey: Black	20	**0.6**	*0.15*	0.08	*0.02*	34	**0.7**	*0.13*	0.07	*0.02*
*USA, New Jersey: White	4877	**19.5**	*0.29*	2.24	*0.04*	3904	**15.1**	*0.27*	1.55	*0.03*
USA, New Mexico	936	**14.1**	*0.48*	1.63	*0.07*	675	**9.8**	*0.40*	1.02	*0.05*
*USA, New Mexico: Hispanic White	58	**2.6**	*0.35*	0.30	*0.05*	76	**3.2**	*0.38*	0.33	*0.04*
*USA, New Mexico: Non−Hispanic White	866	**23.2**	*0.85*	2.67	*0.11*	590	**16.7**	*0.77*	1.72	*0.08*
*USA, New Mexico: White	924	**15.4**	*0.53*	1.79	*0.07*	666	**11.0**	*0.45*	1.15	*0.05*
USA, New York State	8365	**12.6**	*0.14*	1.40	*0.02*	6540	**8.8**	*0.12*	0.90	*0.01*
USA, New York State: Asian and Pacific Islander	25	**0.6**	*0.13*	0.06	*0.02*	24	**0.6**	*0.13*	0.07	*0.02*
USA, New York State: Black	60	**0.7**	*0.09*	0.07	*0.01*	91	**0.7**	*0.08*	0.08	*0.01*
USA, New York State: White	7954	**14.9**	*0.18*	1.67	*0.02*	6093	**10.7**	*0.15*	1.10	*0.02*
USA, North Carolina	4579	**15.8**	*0.24*	1.81	*0.03*	3556	**11.6**	*0.21*	1.18	*0.02*
USA, North Carolina: American Indian	5	**1.8**	*0.82*	0.21	*0.13*	8	**2.4**	*0.87*	0.23	*0.09*
USA, North Carolina: Asian and Pacific Islander	5	**1.2**	*0.55*	0.08	*0.04*	3	**0.6**	*0.40*	0.07	*0.04*
USA, North Carolina: Black	31	**0.6**	*0.11*	0.06	*0.01*	38	**0.5**	*0.09*	0.07	*0.01*
USA, North Carolina: White	4491	**19.3**	*0.30*	2.19	*0.04*	3462	**15.0**	*0.27*	1.50	*0.03*
USA, North Dakota	267	**12.0**	*0.78*	1.28	*0.10*	262	**12.7**	*0.87*	1.14	*0.08*
USA, Ohio	5840	**14.5**	*0.20*	1.62	*0.03*	5068	**12.5**	*0.19*	1.26	*0.02*
USA, Ohio: Asian and Pacific Islander	9	**1.9**	*0.68*	0.18	*0.09*	2	**0.4**	*0.30*	0.06	*0.05*
USA, Ohio: Black	26	**0.7**	*0.14*	0.06	*0.02*	37	**0.9**	*0.15*	0.09	*0.02*
USA, Ohio: White	5515	**15.4**	*0.22*	1.71	*0.03*	4559	**12.9**	*0.21*	1.30	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Melanoma of skin (C43) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	1947	**15.8**	*0.37*	1.79	*0.05*	1465	**11.7**	*0.33*	1.16	*0.04*
USA, Oklahoma: American Indian	68	**8.5**	*1.05*	0.88	*0.13*	74	**8.1**	*0.97*	0.78	*0.11*
USA, Oklahoma: Black	11	**1.6**	*0.48*	0.07	*0.04*	7	**0.8**	*0.30*	0.05	*0.02*
USA, Oklahoma: White	1852	**17.4**	*0.42*	1.97	*0.06*	1371	**13.0**	*0.38*	1.29	*0.04*
USA, Oregon	2496	**19.0**	*0.40*	2.12	*0.05*	2179	**17.0**	*0.39*	1.70	*0.04*
USA, Oregon: Asian and Pacific Islander	3	**1.1**	*0.64*	0.16	*0.10*	4	**0.8**	*0.43*	0.10	*0.06*
USA, Oregon: Black	1	**0.8**	*0.76*	0.10	*0.10*	2	**0.9**	*0.66*	0.04	*0.04*
USA, Oregon: White	2470	**19.9**	*0.42*	2.22	*0.05*	2157	**18.1**	*0.42*	1.81	*0.04*
USA, Pennsylvania	6692	**14.6**	*0.19*	1.62	*0.02*	5411	**11.7**	*0.17*	1.18	*0.02*
USA, Pennsylvania: Asian and Pacific Islander	5	**0.8**	*0.37*	0.10	*0.06*	8	**0.9**	*0.32*	0.07	*0.03*
USA, Pennsylvania: Black	22	**0.6**	*0.13*	0.05	*0.01*	23	**0.4**	*0.10*	0.03	*0.01*
USA, Pennsylvania: White	6310	**15.2**	*0.20*	1.69	*0.03*	5036	**12.4**	*0.19*	1.24	*0.02*
USA, Rhode Island	692	**18.2**	*0.73*	2.04	*0.10*	561	**13.5**	*0.62*	1.43	*0.07*
USA, Rhode Island: Black	1	**0.5**	*0.46*	0.04	*0.04*	3	**1.8**	*1.06*	0.31	*0.19*
USA, Rhode Island: White	666	**18.7**	*0.77*	2.10	*0.10*	540	**14.1**	*0.67*	1.47	*0.08*
USA, South Carolina	2698	**18.5**	*0.37*	2.13	*0.05*	1992	**13.2**	*0.31*	1.34	*0.03*
USA, South Carolina: Black	17	**0.6**	*0.14*	0.07	*0.02*	29	**0.6**	*0.12*	0.06	*0.02*
USA, South Carolina: White	2599	**23.4**	*0.48*	2.66	*0.06*	1916	**18.1**	*0.45*	1.81	*0.05*
USA, South Dakota	324	**11.6**	*0.68*	1.30	*0.09*	276	**10.3**	*0.67*	1.05	*0.07*
USA, Tennessee	3236	**15.9**	*0.29*	1.81	*0.04*	2367	**11.1**	*0.24*	1.11	*0.03*
USA, Tennessee: Black	9	**0.4**	*0.13*	0.03	*0.01*	30	**0.9**	*0.17*	0.10	*0.03*
USA, Tennessee: White	3151	**17.9**	*0.33*	2.02	*0.04*	2271	**12.9**	*0.29*	1.28	*0.03*
USA, Texas	8303	**12.2**	*0.14*	1.39	*0.02*	5634	**7.7**	*0.11*	0.78	*0.01*
USA, Texas: Asian and Pacific Islander	4	**0.2**	*0.10*	0.02	*0.01*	9	**0.4**	*0.12*	0.03	*0.01*
USA, Texas: Black	34	**0.6**	*0.10*	0.06	*0.01*	55	**0.6**	*0.08*	0.05	*0.01*
USA, Texas: White	7818	**13.2**	*0.15*	1.51	*0.02*	5223	**8.4**	*0.12*	0.86	*0.01*
USA, Utah	1523	**22.4**	*0.59*	2.49	*0.08*	1124	**16.2**	*0.50*	1.64	*0.06*
USA, Vermont	525	**23.3**	*1.06*	2.65	*0.14*	478	**21.3**	*1.05*	2.12	*0.11*
USA, Virginia	4213	**17.0**	*0.27*	1.92	*0.04*	3114	**11.7**	*0.22*	1.21	*0.03*
USA, Virginia: Asian and Pacific Islander	6	**0.7**	*0.28*	0.08	*0.04*	9	**0.9**	*0.30*	0.09	*0.03*
USA, Virginia: Black	30	**0.8**	*0.16*	0.12	*0.02*	39	**0.7**	*0.12*	0.09	*0.02*
USA, Virginia: White	4001	**20.2**	*0.33*	2.27	*0.04*	2927	**14.6**	*0.29*	1.49	*0.03*
USA, Washington State	4077	**19.2**	*0.31*	2.18	*0.04*	3558	**16.9**	*0.30*	1.68	*0.03*
USA, Washington, Seattle	2990	**20.7**	*0.39*	2.37	*0.05*	2654	**18.3**	*0.37*	1.82	*0.04*
USA, West Virginia	1030	**15.1**	*0.49*	1.70	*0.06*	786	**11.5**	*0.45*	1.19	*0.05*
USA, Wisconsin	2614	**13.5**	*0.27*	1.50	*0.04*	2104	**11.0**	*0.26*	1.11	*0.03*
USA, Wisconsin: Black	3	**0.5**	*0.33*	0.07	*0.05*	11	**1.2**	*0.37*	0.12	*0.05*
USA, Wisconsin: White	2567	**14.0**	*0.29*	1.55	*0.04*	2062	**11.6**	*0.28*	1.17	*0.03*
USA, Wyoming	275	**15.3**	*0.95*	1.67	*0.12*	234	**13.7**	*0.95*	1.47	*0.11*
Asia										
Bahrain: Bahraini	1	**0.1**	*0.12*	0.01	*0.01*	2	**0.3**	*0.20*	0.03	*0.02*
China, Beijing City	118	**0.4**	*0.04*	0.05	*0.01*	100	**0.3**	*0.04*	0.04	*0.00*
*China, Cixian County	3	**0.2**	*0.14*	0.04	*0.03*	6	**0.5**	*0.19*	0.04	*0.02*
China, Haining County	4	**0.2**	*0.11*	0.02	*0.01*	5	**0.2**	*0.10*	0.03	*0.02*
*China, Harbin City, Nangang District	3	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.07*	0.02	*0.01*
China, Hong Kong	148	**0.6**	*0.05*	0.06	*0.01*	122	**0.4**	*0.04*	0.05	*0.01*
China, Jiashan County	5	**0.3**	*0.14*	0.04	*0.02*	7	**0.5**	*0.19*	0.05	*0.02*
China, Jiaxing City	7	**0.5**	*0.20*	0.08	*0.03*	5	**0.4**	*0.20*	0.05	*0.03*
China, Macao	2	**0.1**	*0.09*	0.01	*0.01*	6	**0.4**	*0.17*	0.05	*0.03*
China, Qidong County	8	**0.2**	*0.07*	0.03	*0.01*	9	**0.2**	*0.07*	0.02	*0.01*
*China, Shanghai City	142	**0.5**	*0.04*	0.06	*0.01*	124	**0.4**	*0.04*	0.05	*0.01*
*China, Wuhan City	74	**0.5**	*0.06*	0.06	*0.01*	49	**0.3**	*0.05*	0.04	*0.01*
*China, Yangcheng County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yanting County	5	**0.3**	*0.12*	0.02	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*
*China, Zhongshan City	7	**0.2**	*0.09*	0.02	*0.01*	12	**0.3**	*0.10*	0.03	*0.01*
*India, Bangalore	33	**0.4**	*0.08*	0.05	*0.01*	26	**0.4**	*0.08*	0.04	*0.01*
*India; Barshi, Paranda, and Bhum	1	**0.0**	*0.05*	0.01	*0.01*	0	**-**	-	–	-
*India, Bhopal	10	**0.4**	*0.14*	0.05	*0.02*	3	**0.1**	*0.07*	0.01	*0.01*
*India, Chennai	34	**0.3**	*0.06*	0.04	*0.01*	38	**0.4**	*0.06*	0.04	*0.01*
*India, Dindigul, Ambilikkai	6	**0.1**	*0.06*	0.02	*0.01*	4	**0.1**	*0.04*	0.01	*0.00*
*India, Karunagappally	0	**-**	-	–	-	6	**0.4**	*0.19*	0.04	*0.02*
*India, Mizoram	5	**0.4**	*0.17*	0.06	*0.03*	4	**0.2**	*0.12*	0.02	*0.01*
*India, Mumbai	77	**0.3**	*0.04*	0.04	*0.00*	67	**0.3**	*0.03*	0.03	*0.00*
*India, New Delhi	66	**0.2**	*0.03*	0.03	*0.00*	49	**0.2**	*0.03*	0.02	*0.00*
*India, Poona	18	**0.2**	*0.05*	0.02	*0.01*	17	**0.2**	*0.05*	0.02	*0.01*
*India, Sikkim State	9	**1.1**	*0.37*	0.12	*0.05*	4	**0.6**	*0.32*	0.11	*0.06*
*India, Trivandrum	5	**0.3**	*0.14*	0.04	*0.02*	9	**0.4**	*0.15*	0.04	*0.02*
*Iran (Islamic Republic of), Golestan Province	14	**0.9**	*0.25*	0.10	*0.03*	12	**0.7**	*0.22*	0.04	*0.02*
Israel	2216	**12.2**	*0.27*	1.38	*0.04*	2028	**9.9**	*0.23*	1.07	*0.03*
*Israel: Jews	2188	**13.7**	*0.31*	1.55	*0.04*	1994	**11.2**	*0.27*	1.19	*0.03*
*Israel: Non–Jews	28	**1.5**	*0.29*	0.13	*0.03*	34	**1.5**	*0.27*	0.15	*0.03*
Japan, Aichi Prefecture	29	**0.5**	*0.10*	0.06	*0.01*	28	**0.4**	*0.09*	0.04	*0.01*
Japan, Fukui Prefecture	21	**0.5**	*0.13*	0.07	*0.02*	17	**0.3**	*0.10*	0.03	*0.01*
Japan, Hiroshima	23	**0.5**	*0.10*	0.05	*0.01*	20	**0.4**	*0.11*	0.05	*0.01*
Japan, Miyagi Prefecture	63	**0.6**	*0.08*	0.06	*0.01*	72	**0.5**	*0.08*	0.05	*0.01*
Japan, Nagasaki Prefecture	37	**0.6**	*0.13*	0.07	*0.01*	78	**1.2**	*0.18*	0.10	*0.01*
Japan, Niigata Prefecture	47	**0.4**	*0.07*	0.04	*0.01*	76	**0.6**	*0.10*	0.06	*0.01*
*Japan, Osaka Prefecture	110	**0.3**	*0.03*	0.03	*0.00*	117	**0.3**	*0.03*	0.03	*0.00*
Japan, Saga Prefecture	24	**0.5**	*0.11*	0.04	*0.01*	25	**0.5**	*0.14*	0.05	*0.01*
Republic of Korea	881	**0.7**	*0.02*	0.08	*0.00*	872	**0.5**	*0.02*	0.06	*0.00*
Republic of Korea, Busan	56	**0.5**	*0.08*	0.06	*0.01*	59	**0.5**	*0.06*	0.05	*0.01*
Republic of Korea, Daegu	39	**0.6**	*0.10*	0.08	*0.01*	43	**0.5**	*0.08*	0.06	*0.01*
Republic of Korea, Daejeon	26	**0.8**	*0.17*	0.07	*0.02*	24	**0.6**	*0.12*	0.06	*0.02*
Republic of Korea, Gwangju	23	**0.7**	*0.14*	0.06	*0.02*	33	**0.8**	*0.15*	0.09	*0.02*
Republic of Korea, Incheon	43	**0.7**	*0.11*	0.08	*0.02*	40	**0.6**	*0.09*	0.07	*0.01*
Republic of Korea, Jejudo	8	**0.6**	*0.21*	0.06	*0.03*	10	**0.6**	*0.19*	0.09	*0.03*
Republic of Korea, Seoul	168	**0.6**	*0.05*	0.07	*0.01*	166	**0.5**	*0.04*	0.06	*0.01*
Republic of Korea, Ulsan	13	**0.7**	*0.23*	0.06	*0.02*	17	**0.6**	*0.15*	0.06	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Melanoma of skin (C43) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	15	**0.2**	*0.08*	0.03	*0.01*	8	**0.3**	*0.12*	0.04	*0.02*
*Kuwait: Kuwaitis	2	**0.1**	*0.11*	0.02	*0.02*	3	**0.2**	*0.12*	0.02	*0.02*
*Kuwait: Non−Kuwaitis	13	**0.3**	*0.11*	0.03	*0.02*	5	**0.5**	*0.28*	0.07	*0.04*
*Malaysia, Penang	8	**0.3**	*0.12*	0.03	*0.02*	12	**0.4**	*0.13*	0.06	*0.02*
*Malaysia, Penang: Chinese	5	**0.4**	*0.16*	0.05	*0.02*	6	**0.4**	*0.16*	0.05	*0.03*
*Malaysia, Penang: Indian	1	**0.7**	*0.71*	–	-	2	**1.1**	*0.75*	0.06	*0.06*
*Malaysia, Penang: Malay	2	**0.2**	*0.12*	0.01	*0.01*	4	**0.4**	*0.19*	0.05	*0.04*
*Philippines, Manila	59	**0.8**	*0.11*	0.07	*0.01*	62	**0.6**	*0.08*	0.07	*0.01*
*Philippines, Rizal	49	**0.6**	*0.09*	0.07	*0.01*	47	**0.5**	*0.07*	0.06	*0.01*
Qatar: Qatari	1	**0.4**	*0.37*	0.09	*0.09*	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	14	**0.3**	*0.08*	0.03	*0.01*	16	**0.4**	*0.09*	0.03	*0.01*
Singapore	50	**0.5**	*0.07*	0.05	*0.01*	57	**0.5**	*0.07*	0.05	*0.01*
Singapore: Chinese	37	**0.5**	*0.08*	0.05	*0.01*	50	**0.5**	*0.08*	0.05	*0.01*
Singapore: Indian	2	**0.2**	*0.12*	0.01	*0.01*	1	**0.1**	*0.11*	0.01	*0.01*
Singapore: Malay	2	**0.1**	*0.10*	0.01	*0.01*	5	**0.4**	*0.20*	0.01	*0.01*
Thailand, Bangkok	58	**0.4**	*0.06*	0.04	*0.01*	45	**0.2**	*0.04*	0.03	*0.00*
Thailand, Chiang Mai	28	**0.5**	*0.11*	0.06	*0.01*	19	**0.4**	*0.09*	0.04	*0.01*
Thailand, Chonburi	16	**0.7**	*0.17*	0.07	*0.02*	16	**0.5**	*0.13*	0.06	*0.02*
*Thailand, Khon Kaen	19	**0.5**	*0.12*	0.07	*0.02*	26	**0.5**	*0.10*	0.07	*0.02*
Thailand, Lampang	9	**0.4**	*0.12*	0.05	*0.02*	15	**0.6**	*0.15*	0.05	*0.02*
*Thailand, Songkhla	10	**0.4**	*0.13*	0.04	*0.02*	10	**0.3**	*0.11*	0.04	*0.02*
*Turkey, Antalya	75	**1.9**	*0.23*	0.23	*0.03*	54	**1.4**	*0.19*	0.15	*0.03*
*Turkey, Edirne	18	**1.9**	*0.45*	0.21	*0.06*	12	**1.1**	*0.32*	0.10	*0.04*
*Turkey, Izmir	206	**2.1**	*0.15*	0.26	*0.02*	171	**1.6**	*0.12*	0.17	*0.02*
*Turkey, Trabzon	19	**1.7**	*0.40*	0.23	*0.06*	25	**1.9**	*0.38*	0.21	*0.05*
Europe										
Austria	3101	**10.3**	*0.19*	1.12	*0.02*	2951	**8.9**	*0.18*	0.89	*0.02*
Austria, Tyrol	587	**25.6**	*1.09*	2.68	*0.12*	578	**23.4**	*1.05*	2.18	*0.10*
Austria, Vorarlberg	299	**24.8**	*1.47*	2.57	*0.17*	215	**17.1**	*1.24*	1.69	*0.13*
*Belarus	1029	**3.5**	*0.11*	0.39	*0.01*	1801	**4.5**	*0.11*	0.48	*0.01*
*Belgium	2615	**8.5**	*0.18*	0.89	*0.02*	3781	**12.1**	*0.22*	1.18	*0.02*
Bulgaria	974	**3.2**	*0.11*	0.36	*0.01*	874	**2.5**	*0.09*	0.27	*0.01*
Croatia	1220	**7.5**	*0.22*	0.82	*0.03*	1270	**6.7**	*0.21*	0.72	*0.02*
Cyprus	86	**3.4**	*0.38*	0.37	*0.05*	99	**3.6**	*0.38*	0.37	*0.04*
Czech Republic	4437	**11.7**	*0.18*	1.34	*0.02*	4397	**10.5**	*0.17*	1.11	*0.02*
Denmark	2959	**14.4**	*0.28*	1.55	*0.03*	3687	**18.7**	*0.34*	1.83	*0.03*
*Estonia	246	**5.5**	*0.36*	0.62	*0.05*	462	**7.5**	*0.39*	0.80	*0.04*
Finland	2162	**10.6**	*0.24*	1.17	*0.03*	2019	**8.8**	*0.22*	0.93	*0.02*
*France, Bas−Rhin	480	**12.9**	*0.61*	1.42	*0.08*	438	**10.6**	*0.55*	1.08	*0.06*
*France, Calvados	149	**6.1**	*0.53*	0.67	*0.07*	238	**8.4**	*0.61*	0.91	*0.07*
*France, Doubs	180	**9.9**	*0.77*	1.04	*0.09*	208	**11.0**	*0.83*	1.07	*0.08*
*France, Haut−Rhin	337	**13.1**	*0.75*	1.41	*0.09*	364	**14.2**	*0.81*	1.35	*0.08*
*France, Hérault	266	**7.3**	*0.48*	0.80	*0.06*	312	**8.2**	*0.51*	0.84	*0.05*
*France, Isère	424	**10.3**	*0.52*	1.09	*0.06*	503	**12.1**	*0.58*	1.22	*0.06*
*France, Loire−Atlantique	485	**11.4**	*0.55*	1.27	*0.07*	625	**13.2**	*0.57*	1.43	*0.07*
*France, Manche	131	**6.6**	*0.62*	0.72	*0.07*	203	**9.1**	*0.74*	0.93	*0.08*
*France, Somme	141	**7.3**	*0.65*	0.79	*0.08*	210	**9.5**	*0.73*	0.97	*0.08*
*France, Tarn	121	**7.1**	*0.73*	0.80	*0.09*	125	**7.0**	*0.75*	0.78	*0.08*
*France, Vendée	204	**8.7**	*0.66*	0.91	*0.07*	244	**9.3**	*0.69*	1.00	*0.08*
Germany, Brandenburg	853	**7.7**	*0.28*	0.87	*0.03*	865	**7.6**	*0.29*	0.78	*0.03*
Germany, Bremen	293	**9.7**	*0.60*	1.06	*0.08*	249	**8.0**	*0.58*	0.85	*0.06*
Germany, Free State of Saxony	1668	**8.8**	*0.23*	0.99	*0.03*	1613	**8.0**	*0.23*	0.84	*0.02*
Germany, Hamburg	744	**10.6**	*0.41*	1.24	*0.05*	838	**11.2**	*0.44*	1.14	*0.05*
Germany, Mecklenburg−Western Pomerania	602	**8.6**	*0.37*	1.00	*0.04*	605	**8.5**	*0.40*	0.87	*0.04*
Germany, Munich	2007	**13.0**	*0.31*	1.46	*0.04*	1983	**12.4**	*0.31*	1.29	*0.03*
Germany, North Rhine−Westphalia	946	**9.4**	*0.32*	1.02	*0.04*	1096	**11.2**	*0.38*	1.06	*0.04*
Germany, Saarland	389	**8.4**	*0.46*	0.93	*0.05*	416	**9.5**	*0.54*	0.93	*0.05*
Germany, Schleswig−Holstein	1494	**12.8**	*0.36*	1.41	*0.04*	1702	**14.7**	*0.41*	1.44	*0.04*
Iceland	106	**11.0**	*1.10*	1.20	*0.14*	161	**17.6**	*1.45*	1.57	*0.14*
Ireland	1321	**10.0**	*0.28*	1.09	*0.04*	1758	**12.5**	*0.31*	1.29	*0.04*
Italy, Biella	80	**11.5**	*1.44*	1.20	*0.14*	91	**10.8**	*1.29*	1.07	*0.13*
Italy, Brescia	302	**9.2**	*0.56*	1.04	*0.07*	290	**9.0**	*0.59*	0.86	*0.06*
Italy, Catania and Messina	162	**4.3**	*0.36*	0.46	*0.04*	170	**4.0**	*0.35*	0.43	*0.04*
Italy, Catanzaro	46	**5.2**	*0.80*	0.68	*0.11*	46	**5.5**	*0.88*	0.53	*0.09*
Italy, Como	214	**9.7**	*0.71*	1.09	*0.08*	221	**9.7**	*0.73*	1.00	*0.08*
Italy, Ferrara	129	**7.9**	*0.80*	0.83	*0.09*	106	**6.9**	*0.75*	0.66	*0.07*
Italy, Florence and Prato	328	**11.0**	*0.68*	1.18	*0.07*	316	**10.7**	*0.69*	1.08	*0.07*
Italy, Friuli−Venezia Giulia	685	**12.9**	*0.54*	1.43	*0.06*	593	**11.1**	*0.54*	1.09	*0.05*
Italy, Genoa	347	**11.4**	*0.68*	1.25	*0.07*	320	**10.2**	*0.68*	1.02	*0.06*
Italy, Latina	196	**10.2**	*0.77*	1.05	*0.08*	202	**11.0**	*0.84*	1.01	*0.08*
Italy, Lecco	112	**9.0**	*0.89*	1.00	*0.11*	116	**8.5**	*0.88*	0.85	*0.09*
Italy, Lombardy, South	135	**8.3**	*0.79*	0.83	*0.08*	120	**6.9**	*0.75*	0.67	*0.07*
Italy, Mantua	72	**7.5**	*0.93*	0.84	*0.11*	79	**8.6**	*1.12*	0.79	*0.10*
Italy, Milan	494	**11.3**	*0.57*	1.21	*0.06*	453	**10.0**	*0.56*	0.99	*0.05*
Italy, Modena	246	**8.4**	*0.59*	0.91	*0.07*	242	**8.7**	*0.65*	0.88	*0.07*
Italy, Naples	75	**4.4**	*0.51*	0.45	*0.06*	82	**4.8**	*0.54*	0.48	*0.06*
Italy, Nuoro	22	**2.3**	*0.51*	0.29	*0.07*	26	**2.7**	*0.56*	0.27	*0.06*
Italy, Palermo	177	**5.0**	*0.40*	0.56	*0.05*	173	**4.8**	*0.39*	0.47	*0.04*
Italy, Parma	185	**10.7**	*0.87*	1.13	*0.09*	209	**13.9**	*1.12*	1.25	*0.10*
Italy, Ragusa	80	**7.4**	*0.88*	0.79	*0.10*	61	**5.3**	*0.74*	0.52	*0.07*
Italy, Reggio Emilia	162	**8.2**	*0.69*	0.84	*0.08*	185	**9.0**	*0.75*	0.95	*0.08*
Italy, Romagna	537	**11.4**	*0.55*	1.15	*0.06*	613	**14.4**	*0.68*	1.34	*0.06*
Italy, Salerno	174	**4.4**	*0.35*	0.48	*0.04*	225	**5.2**	*0.38*	0.53	*0.04*
Italy, Sassari	73	**4.2**	*0.50*	0.46	*0.06*	67	**3.7**	*0.48*	0.40	*0.05*
Italy, Sondrio	62	**8.3**	*1.13*	0.86	*0.13*	57	**6.1**	*0.96*	0.67	*0.11*
Italy, South Tyrol	250	**18.7**	*1.25*	1.93	*0.14*	279	**19.0**	*1.24*	1.85	*0.13*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Melanoma of skin (C43) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	83	**6.0**	*0.69*	0.65	*0.08*	65	**4.7**	*0.66*	0.44	*0.06*
Italy, Trapani	99	**7.9**	*0.85*	0.80	*0.09*	97	**7.9**	*0.87*	0.77	*0.08*
Italy, Trento	114	**7.5**	*0.76*	0.80	*0.09*	108	**7.1**	*0.79*	0.68	*0.08*
Italy, Turin	370	**9.4**	*0.55*	0.99	*0.06*	367	**9.0**	*0.54*	0.91	*0.05*
Italy, Umbria	263	**7.0**	*0.48*	0.75	*0.05*	254	**6.8**	*0.49*	0.68	*0.05*
Italy, Varese	363	**10.9**	*0.61*	1.19	*0.07*	376	**10.5**	*0.61*	1.07	*0.06*
Italy, Veneto	820	**11.0**	*0.41*	1.19	*0.05*	817	**11.0**	*0.44*	1.09	*0.04*
Latvia	261	**4.3**	*0.27*	0.48	*0.03*	445	**5.1**	*0.27*	0.56	*0.03*
Lithuania	434	**4.1**	*0.20*	0.46	*0.02*	767	**5.2**	*0.20*	0.55	*0.02*
Malta	49	**3.5**	*0.52*	0.34	*0.06*	64	**4.6**	*0.61*	0.41	*0.06*
*The Netherlands	7396	**12.7**	*0.15*	1.38	*0.02*	9636	**16.4**	*0.18*	1.64	*0.02*
*The Netherlands, Eindhoven	427	**11.4**	*0.57*	1.30	*0.07*	571	**15.2**	*0.68*	1.50	*0.07*
Norway	2682	**15.4**	*0.31*	1.78	*0.04*	2964	**16.7**	*0.33*	1.76	*0.04*
Poland, Cracow	129	**6.3**	*0.57*	0.65	*0.07*	156	**5.8**	*0.50*	0.65	*0.06*
Poland, Kielce	178	**4.0**	*0.31*	0.46	*0.04*	239	**4.3**	*0.31*	0.45	*0.04*
Poland, Lower Silesia	398	**4.2**	*0.22*	0.48	*0.03*	442	**3.8**	*0.19*	0.39	*0.02*
Poland, Podkarpackie	245	**3.8**	*0.25*	0.41	*0.03*	291	**3.6**	*0.23*	0.39	*0.03*
Portugal, Azores	36	**4.9**	*0.84*	0.51	*0.10*	57	**7.6**	*1.03*	0.71	*0.10*
Russian Federation, Saint Petersburg	685	**4.7**	*0.19*	0.53	*0.02*	1274	**5.8**	*0.18*	0.63	*0.02*
*Serbia, Central	845	**4.0**	*0.15*	0.44	*0.02*	848	**3.8**	*0.14*	0.40	*0.01*
Slovakia	1382	**8.3**	*0.23*	0.95	*0.03*	1557	**7.6**	*0.20*	0.83	*0.02*
Slovenia	896	**12.2**	*0.41*	1.39	*0.05*	996	**12.4**	*0.43*	1.24	*0.04*
Spain, Albacete	101	**6.6**	*0.74*	0.63	*0.08*	78	**5.7**	*0.72*	0.55	*0.07*
Spain, Asturias	221	**4.8**	*0.37*	0.50	*0.04*	309	**5.8**	*0.39*	0.61	*0.04*
Spain, Basque Country	554	**6.4**	*0.29*	0.71	*0.03*	663	**7.6**	*0.33*	0.78	*0.03*
Spain, Canary Islands	210	**4.6**	*0.33*	0.48	*0.04*	255	**5.4**	*0.35*	0.56	*0.04*
Spain, Ciudad Real	61	**3.9**	*0.55*	0.41	*0.06*	70	**4.2**	*0.57*	0.41	*0.06*
Spain, Cuenca	45	**3.6**	*0.65*	0.35	*0.08*	36	**3.7**	*0.74*	0.39	*0.08*
Spain, Girona	141	**5.5**	*0.49*	0.57	*0.06*	154	**5.7**	*0.51*	0.58	*0.06*
*Spain, Granada	205	**7.3**	*0.54*	0.70	*0.06*	265	**8.9**	*0.59*	0.85	*0.06*
Spain, La Rioja	79	**6.6**	*0.78*	0.70	*0.09*	78	**6.4**	*0.81*	0.70	*0.09*
Spain, Mallorca	185	**6.7**	*0.51*	0.73	*0.06*	187	**6.7**	*0.53*	0.69	*0.06*
Spain, Murcia	308	**6.7**	*0.40*	0.71	*0.05*	328	**7.0**	*0.41*	0.74	*0.05*
Spain, Navarra	150	**6.7**	*0.57*	0.71	*0.07*	191	**8.6**	*0.69*	0.88	*0.07*
Spain, Tarragona	166	**6.2**	*0.52*	0.68	*0.06*	188	**7.2**	*0.57*	0.74	*0.06*
*Sweden	4976	**13.0**	*0.20*	1.45	*0.02*	5132	**13.9**	*0.22*	1.45	*0.02*
Switzerland, Basel	265	**14.7**	*0.97*	1.65	*0.12*	248	**13.4**	*0.96*	1.41	*0.10*
Switzerland, Geneva	318	**20.5**	*1.21*	2.19	*0.15*	337	**20.4**	*1.20*	2.03	*0.13*
Switzerland, Graubünden and Glarus	128	**13.7**	*1.29*	1.51	*0.17*	129	**13.1**	*1.32*	1.30	*0.14*
Switzerland, Neuchâtel	146	**23.3**	*2.06*	2.48	*0.24*	132	**20.4**	*1.98*	2.00	*0.20*
Switzerland, St Gall–Appenzell	266	**13.2**	*0.86*	1.38	*0.11*	290	**13.6**	*0.88*	1.45	*0.10*
Switzerland, Ticino	217	**17.2**	*1.26*	1.83	*0.14*	217	**17.3**	*1.29*	1.74	*0.13*
Switzerland, Valais	168	**15.9**	*1.28*	1.75	*0.15*	185	**17.2**	*1.40*	1.61	*0.14*
Switzerland, Vaud	508	**21.2**	*1.00*	2.37	*0.13*	517	**19.9**	*0.95*	2.10	*0.11*
Switzerland, Zurich	866	**17.3**	*0.61*	1.98	*0.08*	871	**16.6**	*0.63*	1.67	*0.07*
Ukraine	5285	**3.6**	*0.05*	0.40	*0.01*	7907	**3.9**	*0.05*	0.42	*0.01*
UK, England	18462	**9.8**	*0.08*	1.08	*0.01*	21822	**11.3**	*0.08*	1.15	*0.01*
UK, England, East of England Region	2161	**10.1**	*0.23*	1.12	*0.03*	2394	**10.7**	*0.24*	1.11	*0.03*
UK, England, North Western	2202	**9.2**	*0.21*	0.98	*0.02*	2817	**11.8**	*0.24*	1.17	*0.02*
UK, England, Northern and Yorkshire	2220	**9.1**	*0.20*	0.96	*0.02*	2801	**11.4**	*0.23*	1.13	*0.02*
UK, England, Oxford Region	1143	**11.4**	*0.35*	1.26	*0.04*	1341	**13.0**	*0.38*	1.32	*0.04*
UK, England, South and Western Regions	3924	**14.0**	*0.24*	1.57	*0.03*	4466	**15.4**	*0.26*	1.59	*0.03*
UK, England, Thames	3329	**8.2**	*0.15*	0.90	*0.02*	3887	**8.9**	*0.15*	0.92	*0.02*
UK, England, Trent	1129	**10.1**	*0.32*	1.13	*0.04*	1312	**11.9**	*0.36*	1.17	*0.04*
UK, England, West Midlands	1793	**8.8**	*0.22*	0.97	*0.03*	2044	**9.9**	*0.24*	1.00	*0.03*
UK, Northern Ireland	499	**8.7**	*0.41*	0.94	*0.05*	698	**11.3**	*0.46*	1.12	*0.05*
UK, Scotland	1967	**10.2**	*0.24*	1.12	*0.03*	2513	**12.6**	*0.28*	1.20	*0.03*
UK, Wales	1109	**9.5**	*0.31*	1.04	*0.04*	1240	**10.3**	*0.33*	1.04	*0.03*
Oceania										
Australian Capital Territory	361	**35.4**	*1.90*	4.02	*0.27*	299	**27.0**	*1.61*	2.72	*0.19*
Australia, New South Wales	10249	**40.8**	*0.42*	4.50	*0.06*	7153	**28.4**	*0.36*	3.01	*0.04*
Australia, Northern Territory	149	**26.0**	*2.25*	2.76	*0.29*	101	**18.8**	*1.97*	1.89	*0.26*
Australia, Northern Territory: Indigenous	2	**2.7**	*2.17*	0.40	*0.35*	3	**1.9**	*1.11*	0.16	*0.09*
Australia, Northern Territory: Non–Indigenous	136	**28.6**	*2.59*	2.95	*0.32*	92	**23.1**	*2.56*	2.36	*0.35*
Australia, Queensland	7402	**52.9**	*0.64*	5.84	*0.08*	5328	**38.6**	*0.56*	4.01	*0.06*
South Australia	1861	**31.2**	*0.77*	3.37	*0.10*	1453	**24.3**	*0.69*	2.57	*0.08*
Australia, Tasmania	643	**36.3**	*1.50*	4.00	*0.19*	571	**31.4**	*1.41*	3.15	*0.15*
Australia, Victoria	5674	**31.0**	*0.43*	3.42	*0.06*	4640	**24.6**	*0.39*	2.57	*0.05*
Western Australia	3054	**43.6**	*0.81*	4.89	*0.11*	2088	**29.7**	*0.68*	3.14	*0.08*
New Zealand	5219	**37.1**	*0.53*	4.20	*0.07*	4758	**31.8**	*0.49*	3.40	*0.06*
New Zealand: Maori	55	**5.4**	*0.80*	0.59	*0.10*	77	**5.9**	*0.70*	0.54	*0.08*
New Zealand: Pacific Islander	12	**3.5**	*1.17*	0.26	*0.11*	17	**3.4**	*0.86*	0.38	*0.13*
New Zealand: Other	5152	**41.6**	*0.61*	4.69	*0.08*	4664	**36.4**	*0.57*	3.86	*0.07*
USA, Hawaii	787	**17.5**	*0.66*	2.00	*0.09*	495	**10.9**	*0.53*	1.10	*0.06*
*USA, Hawaii: Chinese	5	**1.3**	*0.69*	0.09	*0.06*	6	**1.6**	*0.75*	0.11	*0.06*
*USA, Hawaii: Filipino	8	**1.3**	*0.52*	0.12	*0.06*	15	**2.2**	*0.60*	0.24	*0.07*
*USA, Hawaii: Hawaiian	26	**3.9**	*0.81*	0.45	*0.12*	16	**1.9**	*0.52*	0.19	*0.06*
*USA, Hawaii: Japanese	23	**2.0**	*0.45*	0.22	*0.06*	21	**1.8**	*0.54*	0.16	*0.04*
*USA, Hawaii: White	704	**55.3**	*2.19*	6.24	*0.30*	417	**36.9**	*1.96*	3.80	*0.22*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other skin (C44)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	139	**5.2**	*0.47*	–	-	67	**2.5**	*0.32*	–	-
Egypt, Gharbiah	296	**4.4**	*0.27*	0.55	*0.04*	204	**2.9**	*0.21*	0.35	*0.03*
*Libya, Benghazi	47	**3.8**	*0.58*	0.44	*0.10*	26	**2.1**	*0.43*	0.24	*0.07*
*Malawi, Blantyre	77	**6.8**	*0.92*	0.90	*0.16*	53	**4.3**	*0.75*	0.43	*0.09*
*South Africa, PROMEC	9	**0.7**	*0.23*	0.07	*0.02*	5	**0.3**	*0.12*	0.03	*0.01*
*Tunisia, North	529	**7.4**	*0.33*	0.82	*0.05*	403	**5.7**	*0.29*	0.63	*0.04*
*Uganda, Kyadondo County	58	**3.5**	*0.61*	0.40	*0.09*	41	**2.7**	*0.49*	0.30	*0.07*
*Zimbabwe, Harare: African	52	**4.2**	*0.73*	0.58	*0.12*	47	**4.5**	*0.84*	0.63	*0.14*
America, Central and South										
Argentina, Bahía Blanca	247	**24.0**	*1.70*	2.52	*0.24*	231	**17.3**	*1.37*	1.84	*0.18*
Argentina, Córdoba	735	**26.5**	*0.99*	3.07	*0.14*	626	**16.7**	*0.71*	1.95	*0.10*
Argentina, Mendoza	967	**21.2**	*0.70*	2.47	*0.10*	733	**12.9**	*0.51*	1.39	*0.07*
*Argentina, Tierra del Fuego	43	**23.5**	*3.95*	2.42	*0.54*	36	**17.5**	*3.20*	1.68	*0.41*
Brazil, Aracaju	813	**136.4**	*4.98*	15.84	*0.75*	960	**108.0**	*3.63*	12.09	*0.51*
Brazil, Belo Horizonte	1558	**60.2**	*1.55*	6.45	*0.22*	1636	**40.9**	*1.04*	4.32	*0.15*
Brazil, Cuiabá	690	**78.4**	*3.18*	8.82	*0.46*	844	**85.4**	*3.10*	9.15	*0.44*
Brazil, Fortaleza	1134	**39.0**	*1.19*	4.32	*0.17*	1063	**23.9**	*0.76*	2.45	*0.10*
Brazil, Goiânia	4466	**226.1**	*3.46*	24.91	*0.50*	5394	**205.2**	*2.85*	22.79	*0.42*
*Brazil, São Paulo	20420	**94.0**	*0.74*	9.41	*0.10*	22178	**69.8**	*0.53*	7.14	*0.07*
Chile, Region of Antofagasta	556	**48.7**	*2.13*	5.55	*0.31*	541	**40.8**	*1.80*	4.51	*0.25*
Chile, Bío Bío Province	94	**8.9**	*0.93*	0.85	*0.13*	93	**7.6**	*0.82*	0.72	*0.11*
Chile, Valdivia	176	**16.7**	*1.28*	1.92	*0.19*	226	**18.3**	*1.27*	1.87	*0.17*
Colombia, Bucaramanga	428	**19.9**	*0.99*	2.15	*0.15*	332	**10.5**	*0.61*	1.00	*0.09*
Colombia, Cali	30	**0.6**	*0.13*	0.05	*0.01*	50	**0.9**	*0.13*	0.11	*0.02*
Colombia, Manizales	54	**5.7**	*0.78*	0.57	*0.11*	53	**4.2**	*0.59*	0.47	*0.09*
Colombia, Pasto	12	**1.6**	*0.48*	0.23	*0.08*	10	**1.1**	*0.35*	0.10	*0.04*
Costa Rica	4140	**45.8**	*0.74*	5.17	*0.11*	4071	**40.8**	*0.66*	4.53	*0.10*
Cuba, Villa Clara	645	**25.1**	*1.04*	2.99	*0.15*	486	**18.2**	*0.88*	1.97	*0.12*
Ecuador, Cuenca	147	**16.7**	*1.45*	1.94	*0.21*	254	**21.0**	*1.40*	2.34	*0.20*
Ecuador, Quito	1200	**41.0**	*1.25*	4.85	*0.19*	1303	**34.4**	*1.02*	3.66	*0.15*
*France, Martinique	4	**0.4**	*0.19*	0.03	*0.02*	2	**0.1**	*0.09*	0.02	*0.01*
*Jamaica, Kingston and St Andrew	86	**6.2**	*0.69*	0.68	*0.09*	102	**5.7**	*0.59*	0.63	*0.08*
USA, Puerto Rico	129	**1.0**	*0.09*	0.09	*0.01*	101	**0.6**	*0.07*	0.05	*0.01*
Uruguay	2878	**40.9**	*0.80*	4.55	*0.11*	2468	**26.3**	*0.60*	2.90	*0.08*
America, North										
Canada	5754	**4.5**	*0.06*	0.49	*0.01*	5134	**3.4**	*0.05*	0.35	*0.01*
Canada, Alberta	113	**1.0**	*0.10*	0.09	*0.01*	117	**1.0**	*0.10*	0.10	*0.01*
Canada, British Columbia	131	**0.8**	*0.07*	0.07	*0.01*	124	**0.6**	*0.07*	0.06	*0.01*
Canada, Manitoba	4922	**105.6**	*1.59*	12.19	*0.23*	4258	**76.5**	*1.33*	8.43	*0.18*
Canada, New Brunswick	40	**1.4**	*0.23*	0.15	*0.03*	36	**1.1**	*0.23*	0.09	*0.02*
Canada, Newfoundland and Labrador	24	**1.2**	*0.28*	0.13	*0.03*	34	**1.7**	*0.32*	0.16	*0.03*
*Canada, Northwest Territories	0	**-**	-	–	-	1	**0.9**	*0.92*	0.12	*0.12*
Canada, Nova Scotia	48	**1.2**	*0.18*	0.12	*0.02*	46	**1.0**	*0.16*	0.12	*0.02*
Canada, Ontario	78	**0.2**	*0.02*	0.02	*0.00*	82	**0.2**	*0.02*	0.02	*0.00*
Canada, Prince Edward Island	6	**1.2**	*0.53*	0.10	*0.05*	7	**0.9**	*0.40*	0.08	*0.05*
*Canada, Quebec	361	**1.2**	*0.07*	0.12	*0.01*	373	**1.0**	*0.06*	0.10	*0.01*
Canada, Saskatchewan	30	**0.7**	*0.15*	0.07	*0.02*	56	**1.4**	*0.22*	0.14	*0.02*
*Canada, Yukon	1	**1.0**	*1.03*	0.13	*0.13*	0	**-**	-	–	-
USA, NPCR (42 states)	10503	**1.1**	*0.01*	0.11	*0.00*	8793	**0.8**	*0.01*	0.08	*0.00*
USA, NPCR (42 states): American Indian	30	**0.4**	*0.08*	0.05	*0.01*	40	**0.5**	*0.08*	0.05	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	146	**0.5**	*0.04*	0.05	*0.01*	192	**0.5**	*0.04*	0.05	*0.00*
USA, NPCR (42 states): Black	760	**0.9**	*0.03*	0.08	*0.00*	975	**0.9**	*0.03*	0.09	*0.00*
USA, NPCR (42 states): White	9200	**1.1**	*0.01*	0.11	*0.00*	7236	**0.8**	*0.01*	0.08	*0.00*
USA, SEER (9 registries)	1222	**1.3**	*0.04*	0.13	*0.00*	1111	**1.0**	*0.03*	0.10	*0.00*
*USA, SEER (9 registries): Black	88	**1.0**	*0.11*	0.10	*0.01*	131	**1.2**	*0.11*	0.11	*0.01*
*USA, SEER (9 registries): White	1040	**1.3**	*0.04*	0.13	*0.01*	884	**1.0**	*0.04*	0.10	*0.00*
USA, SEER (18 registries)	3688	**1.3**	*0.02*	0.13	*0.00*	3061	**1.0**	*0.02*	0.09	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	147	**0.7**	*0.06*	0.07	*0.01*	159	**0.6**	*0.05*	0.06	*0.01*
*USA, SEER (18 registries): Black	235	**0.9**	*0.06*	0.09	*0.01*	320	**1.1**	*0.06*	0.10	*0.01*
*USA, SEER (18 registries): Hispanic White	254	**0.8**	*0.05*	0.08	*0.01*	304	**0.8**	*0.05*	0.09	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	2884	**1.4**	*0.03*	0.14	*0.00*	2116	**0.9**	*0.02*	0.09	*0.00*
*USA, SEER (18 registries): White	3138	**1.3**	*0.03*	0.13	*0.00*	2420	**0.9**	*0.02*	0.09	*0.00*
USA, Alabama	154	**1.0**	*0.08*	0.10	*0.01*	141	**0.8**	*0.07*	0.08	*0.01*
USA, Alabama: Black	21	**0.7**	*0.15*	0.07	*0.02*	34	**0.9**	*0.16*	0.10	*0.02*
USA, Alabama: White	131	**1.0**	*0.09*	0.10	*0.01*	103	**0.7**	*0.08*	0.07	*0.01*
USA, Alaska	25	**1.4**	*0.28*	0.12	*0.03*	17	**1.0**	*0.25*	0.11	*0.03*
*USA, Alaska: American Indian	3	**1.1**	*0.65*	0.14	*0.12*	1	**0.3**	*0.34*	0.03	*0.03*
USA, Arizona	208	**0.9**	*0.07*	0.09	*0.01*	160	**0.7**	*0.06*	0.07	*0.01*
USA, Arizona: American Indian	0	**-**	-	–	-	6	**0.8**	*0.35*	0.10	*0.05*
USA, Arizona: Asian and Pacific Islander	0	**-**	-	–	-	2	**0.3**	*0.24*	0.02	*0.02*
USA, Arizona: Black	2	**0.3**	*0.21*	0.03	*0.02*	2	**0.3**	*0.21*	0.03	*0.02*
USA, Arizona: White	197	**0.9**	*0.07*	0.09	*0.01*	136	**0.6**	*0.06*	0.06	*0.01*
USA, Arkansas	116	**1.1**	*0.11*	0.12	*0.01*	85	**0.7**	*0.09*	0.07	*0.01*
USA, Arkansas: Black	10	**0.9**	*0.30*	0.10	*0.04*	13	**1.0**	*0.28*	0.11	*0.03*
USA, Arkansas: White	104	**1.1**	*0.11*	0.12	*0.02*	71	**0.7**	*0.10*	0.07	*0.01*
USA, California	1777	**1.5**	*0.04*	0.15	*0.01*	1396	**1.0**	*0.03*	0.10	*0.00*
USA, California: American Indian	2	**0.1**	*0.10*	0.02	*0.01*	4	**0.3**	*0.16*	0.06	*0.03*
USA, California: Asian and Pacific Islander	76	**0.5**	*0.06*	0.06	*0.01*	103	**0.6**	*0.06*	0.06	*0.01*
USA, California: Black	62	**0.9**	*0.11*	0.10	*0.01*	87	**1.1**	*0.13*	0.11	*0.01*
USA, California: White	1506	**1.5**	*0.04*	0.15	*0.01*	1081	**1.0**	*0.03*	0.10	*0.00*
USA, California, Los Angeles County	522	**1.7**	*0.08*	0.17	*0.01*	429	**1.2**	*0.06*	0.11	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	23	**0.6**	*0.12*	0.07	*0.02*	41	**0.7**	*0.12*	0.07	*0.01*
*USA, California, Los Angeles County: Black	21	**0.8**	*0.17*	0.08	*0.02*	41	**1.2**	*0.20*	0.12	*0.02*
*USA, California, Los Angeles County: Chinese	5	**0.4**	*0.19*	0.05	*0.03*	16	**1.0**	*0.26*	0.11	*0.04*
*USA, California, Los Angeles County: Filipino	7	**0.9**	*0.35*	0.14	*0.06*	10	**0.9**	*0.28*	0.08	*0.03*
*USA, California, Los Angeles County: Hispanic White	79	**0.9**	*0.10*	0.10	*0.02*	111	**1.1**	*0.11*	0.11	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other skin (C44) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	3	**0.5**	*0.32*	0.03	*0.03*	6	**0.7**	*0.42*	0.02	*0.02*
*USA, California, Los Angeles County: Korean	1	**0.2**	*0.19*	0.05	*0.05*	5	**0.5**	*0.25*	0.04	*0.03*
*USA, California, Los Angeles County: Non−Hispanic White	370	**2.5**	*0.14*	0.24	*0.02*	204	**1.2**	*0.11*	0.11	*0.01*
*USA, California, Los Angeles County: White	449	**1.9**	*0.09*	0.19	*0.01*	315	**1.2**	*0.07*	0.11	*0.01*
USA, California, San Francisco Bay Area	196	**1.3**	*0.09*	0.12	*0.01*	141	**0.7**	*0.07*	0.07	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	14	**0.4**	*0.12*	0.04	*0.01*	17	**0.4**	*0.11*	0.06	*0.02*
*USA, California, San Francisco Bay Area: Black	8	**0.7**	*0.25*	0.11	*0.05*	18	**1.4**	*0.34*	0.12	*0.03*
*USA, California, San Francisco Bay Area: Hispanic White	14	**0.7**	*0.20*	0.07	*0.03*	13	**0.6**	*0.18*	0.07	*0.03*
*USA, California, San Francisco Bay Area: Non−Hispanic White	151	**1.7**	*0.15*	0.16	*0.02*	87	**0.7**	*0.09*	0.07	*0.01*
*USA, California, San Francisco Bay Area: White	165	**1.5**	*0.13*	0.15	*0.02*	100	**0.7**	*0.08*	0.07	*0.01*
USA, Colorado	147	**1.0**	*0.08*	0.09	*0.01*	141	**0.8**	*0.07*	0.08	*0.01*
USA, Colorado: Asian and Pacific Islander	2	**0.8**	*0.57*	0.11	*0.09*	1	**0.4**	*0.35*	0.04	*0.04*
USA, Colorado: Black	8	**1.3**	*0.45*	0.10	*0.03*	5	**1.0**	*0.44*	0.10	*0.05*
USA, Colorado: White	133	**0.9**	*0.08*	0.08	*0.01*	130	**0.8**	*0.08*	0.08	*0.01*
USA, Connecticut	150	**1.1**	*0.10*	0.10	*0.01*	142	**0.9**	*0.08*	0.08	*0.01*
*USA, Connecticut: Black	13	**1.4**	*0.38*	0.14	*0.05*	7	**0.6**	*0.22*	0.05	*0.02*
*USA, Connecticut: White	133	**1.1**	*0.11*	0.10	*0.01*	131	**0.9**	*0.09*	0.08	*0.01*
USA, Delaware	31	**1.0**	*0.20*	0.09	*0.02*	20	**0.6**	*0.15*	0.06	*0.02*
USA, Delaware: Black	5	**1.1**	*0.49*	0.13	*0.07*	4	**0.7**	*0.38*	0.06	*0.03*
USA, Delaware: White	26	**1.0**	*0.21*	0.08	*0.02*	16	**0.6**	*0.16*	0.06	*0.02*
USA, Florida	841	**1.1**	*0.04*	0.11	*0.01*	527	**0.7**	*0.03*	0.06	*0.00*
USA, Florida: Asian and Pacific Islander	1	**0.1**	*0.08*	0.01	*0.01*	3	**0.2**	*0.12*	0.03	*0.02*
USA, Florida: Black	48	**0.7**	*0.10*	0.06	*0.01*	55	**0.7**	*0.09*	0.06	*0.01*
USA, Florida: White	775	**1.1**	*0.05*	0.11	*0.01*	456	**0.6**	*0.04*	0.06	*0.00*
USA, Georgia	307	**1.1**	*0.07*	0.11	*0.01*	236	**0.8**	*0.05*	0.07	*0.01*
USA, Georgia: Asian and Pacific Islander	3	**0.4**	*0.27*	0.05	*0.04*	0	**-**	-	–	-
USA, Georgia: Black	64	**0.9**	*0.12*	0.09	*0.01*	85	**1.0**	*0.12*	0.10	*0.01*
USA, Georgia: White	230	**1.1**	*0.08*	0.11	*0.01*	148	**0.6**	*0.06*	0.05	*0.01*
USA, Georgia, Atlanta	105	**1.2**	*0.12*	0.12	*0.02*	94	**0.9**	*0.10*	0.09	*0.01*
*USA, Georgia, Atlanta: Black	33	**1.1**	*0.20*	0.11	*0.03*	46	**1.2**	*0.18*	0.10	*0.02*
*USA, Georgia, Atlanta: White	64	**1.1**	*0.14*	0.11	*0.02*	47	**0.7**	*0.12*	0.08	*0.02*
USA, Idaho	43	**0.8**	*0.13*	0.07	*0.02*	28	**0.6**	*0.11*	0.05	*0.01*
USA, Illinois	437	**1.0**	*0.05*	0.10	*0.01*	440	**0.9**	*0.05*	0.09	*0.01*
USA, Illinois: Asian and Pacific Islander	12	**0.9**	*0.26*	0.07	*0.02*	9	**0.5**	*0.17*	0.04	*0.02*
USA, Illinois: Black	41	**0.9**	*0.14*	0.10	*0.02*	60	**1.0**	*0.14*	0.10	*0.01*
USA, Illinois: White	372	**1.0**	*0.06*	0.10	*0.01*	351	**0.8**	*0.05*	0.08	*0.01*
USA, Indiana	209	**0.9**	*0.07*	0.08	*0.01*	182	**0.7**	*0.06*	0.07	*0.01*
USA, Indiana: Black	13	**0.9**	*0.27*	0.10	*0.03*	15	**1.0**	*0.25*	0.09	*0.02*
USA, Indiana: White	185	**0.9**	*0.07*	0.08	*0.01*	158	**0.6**	*0.06*	0.06	*0.01*
USA, Iowa	138	**1.1**	*0.11*	0.10	*0.01*	130	**0.9**	*0.09*	0.09	*0.01*
USA, Kentucky	152	**1.1**	*0.09*	0.10	*0.01*	115	**0.7**	*0.08*	0.07	*0.01*
USA, Louisiana	144	**1.2**	*0.11*	0.12	*0.01*	113	**0.9**	*0.09*	0.08	*0.01*
*USA, Louisiana: Black	23	**0.9**	*0.18*	0.08	*0.02*	31	**0.9**	*0.17*	0.09	*0.02*
*USA, Louisiana: White	120	**1.3**	*0.13*	0.13	*0.02*	80	**0.8**	*0.10*	0.08	*0.01*
*USA, Louisiana, New Orleans	22	**1.0**	*0.23*	0.10	*0.03*	24	**1.0**	*0.23*	0.09	*0.02*
*USA, Louisiana, New Orleans: Black	4	**0.6**	*0.32*	0.03	*0.02*	11	**1.3**	*0.40*	0.13	*0.04*
*USA, Louisiana, New Orleans: White	17	**1.2**	*0.33*	0.13	*0.04*	12	**0.6**	*0.22*	0.06	*0.02*
USA, Maine	76	**1.4**	*0.17*	0.14	*0.02*	54	**0.9**	*0.14*	0.09	*0.02*
USA, Massachusetts	358	**1.5**	*0.08*	0.16	*0.01*	312	**1.1**	*0.07*	0.11	*0.01*
USA, Massachusetts: Asian and Pacific Islander	3	**0.4**	*0.24*	0.05	*0.05*	4	**0.5**	*0.25*	0.02	*0.01*
USA, Massachusetts: Black	9	**0.8**	*0.26*	0.07	*0.03*	15	**1.2**	*0.32*	0.13	*0.04*
USA, Massachusetts: White	327	**1.5**	*0.09*	0.16	*0.01*	282	**1.0**	*0.07*	0.10	*0.01*
USA, Michigan	425	**1.2**	*0.06*	0.12	*0.01*	465	**1.2**	*0.06*	0.12	*0.01*
USA, Michigan: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.22*	0.05	*0.05*
USA, Michigan: Black	39	**1.0**	*0.17*	0.10	*0.02*	68	**1.5**	*0.19*	0.14	*0.02*
USA, Michigan: White	368	**1.2**	*0.07*	0.12	*0.01*	375	**1.1**	*0.07*	0.11	*0.01*
USA, Michigan, Detroit	166	**1.2**	*0.10*	0.11	*0.01*	223	**1.5**	*0.11*	0.15	*0.01*
*USA, Michigan, Detroit: Black	26	**1.0**	*0.20*	0.10	*0.02*	50	**1.5**	*0.22*	0.15	*0.02*
*USA, Michigan, Detroit: White	135	**1.2**	*0.11*	0.12	*0.01*	166	**1.4**	*0.13*	0.15	*0.01*
USA, Mississippi	92	**0.9**	*0.10*	0.10	*0.01*	70	**0.6**	*0.08*	0.06	*0.01*
USA, Missouri	181	**0.8**	*0.07*	0.08	*0.01*	143	**0.6**	*0.06*	0.06	*0.01*
USA, Missouri: Black	9	**0.5**	*0.18*	0.04	*0.02*	24	**1.2**	*0.24*	0.11	*0.02*
USA, Missouri: White	170	**0.8**	*0.07*	0.09	*0.01*	113	**0.5**	*0.06*	0.05	*0.01*
USA, Montana	31	**0.9**	*0.18*	0.10	*0.02*	44	**1.2**	*0.20*	0.12	*0.02*
USA, Montana: American Indian	1	**1.0**	*0.96*	0.24	*0.24*	1	**0.5**	*0.54*	0.05	*0.05*
USA, Nebraska	83	**1.3**	*0.15*	0.12	*0.02*	61	**0.8**	*0.12*	0.08	*0.01*
USA, Nebraska: Black	1	**0.4**	*0.43*	0.04	*0.04*	3	**1.6**	*0.97*	0.16	*0.10*
USA, Nebraska: White	77	**1.3**	*0.16*	0.12	*0.02*	55	**0.8**	*0.12*	0.08	*0.01*
USA, New Hampshire	51	**1.0**	*0.15*	0.09	*0.02*	55	**1.0**	*0.15*	0.09	*0.02*
USA, New Jersey	384	**1.2**	*0.07*	0.12	*0.01*	324	**0.9**	*0.05*	0.08	*0.01*
*USA, New Jersey: Black	29	**0.9**	*0.17*	0.09	*0.02*	44	**1.0**	*0.16*	0.09	*0.02*
*USA, New Jersey: White	332	**1.3**	*0.08*	0.12	*0.01*	269	**0.8**	*0.06*	0.09	*0.01*
USA, New Mexico	79	**1.2**	*0.14*	0.13	*0.02*	50	**0.6**	*0.10*	0.07	*0.01*
*USA, New Mexico: Hispanic White	18	**0.8**	*0.20*	0.07	*0.02*	9	**0.3**	*0.12*	0.03	*0.01*
*USA, New Mexico: Non−Hispanic White	59	**1.6**	*0.22*	0.18	*0.03*	33	**0.7**	*0.15*	0.07	*0.02*
*USA, New Mexico: White	77	**1.3**	*0.16*	0.14	*0.02*	42	**0.6**	*0.10*	0.06	*0.01*
USA, New York State	763	**1.1**	*0.04*	0.11	*0.01*	719	**0.9**	*0.04*	0.09	*0.00*
USA, New York State: Asian and Pacific Islander	17	**0.4**	*0.11*	0.04	*0.01*	22	**0.5**	*0.11*	0.05	*0.01*
USA, New York State: Black	85	**0.9**	*0.10*	0.09	*0.01*	96	**0.9**	*0.09*	0.08	*0.01*
USA, New York State: White	641	**1.1**	*0.05*	0.11	*0.01*	579	**0.9**	*0.04*	0.09	*0.00*
USA, North Carolina	325	**1.1**	*0.06*	0.11	*0.01*	247	**0.8**	*0.05*	0.07	*0.01*
USA, North Carolina: American Indian										
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.19*	0.01	*0.01*
USA, North Carolina: Black	45	**0.9**	*0.14*	0.09	*0.02*	49	**0.8**	*0.12*	0.07	*0.01*
USA, North Carolina: White	277	**1.1**	*0.07*	0.12	*0.01*	192	**0.7**	*0.06*	0.07	*0.01*
USA, North Dakota	23	**0.8**	*0.19*	0.06	*0.02*	22	**0.7**	*0.18*	0.06	*0.02*
USA, Ohio	407	**1.0**	*0.05*	0.09	*0.01*	374	**0.8**	*0.05*	0.08	*0.01*
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-	3	**0.6**	*0.32*	0.04	*0.03*
USA, Ohio: Black	30	**0.8**	*0.15*	0.07	*0.01*	47	**1.1**	*0.17*	0.10	*0.02*
USA, Ohio: White	361	**1.0**	*0.05*	0.09	*0.01*	307	**0.7**	*0.05*	0.07	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other skin (C44) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	154	**1.2**	*0.10*	0.12	*0.01*	117	**0.8**	*0.08*	0.09	*0.01*
USA, Oklahoma: American Indian	16	**1.9**	*0.49*	0.19	*0.06*	6	**0.5**	*0.23*	0.05	*0.03*
USA, Oklahoma: Black	4	**0.5**	*0.25*	0.04	*0.02*	10	**1.3**	*0.40*	0.14	*0.05*
USA, Oklahoma: White	132	**1.2**	*0.11*	0.12	*0.01*	97	**0.8**	*0.09*	0.09	*0.01*
USA, Oregon	151	**1.1**	*0.09*	0.11	*0.01*	125	**0.8**	*0.08*	0.07	*0.01*
USA, Oregon: Asian and Pacific Islander	3	**1.0**	*0.59*	0.11	*0.07*	4	**0.7**	*0.36*	0.04	*0.03*
USA, Oregon: Black	0	**-**	-	–	-	1	**0.4**	*0.44*	0.04	*0.04*
USA, Oregon: White	141	**1.0**	*0.09*	0.11	*0.01*	117	**0.8**	*0.08*	0.08	*0.01*
USA, Pennsylvania	574	**1.2**	*0.05*	0.12	*0.01*	505	**0.9**	*0.05*	0.09	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	4	**0.7**	*0.34*	0.06	*0.03*	3	**0.3**	*0.18*	0.02	*0.02*
USA, Pennsylvania: Black	33	**1.0**	*0.17*	0.08	*0.02*	43	**1.1**	*0.17*	0.10	*0.02*
USA, Pennsylvania: White	520	**1.1**	*0.05*	0.11	*0.01*	447	**0.8**	*0.05*	0.09	*0.01*
USA, Rhode Island	46	**1.1**	*0.18*	0.10	*0.02*	43	**0.8**	*0.14*	0.07	*0.02*
USA, Rhode Island: Black	5	**2.8**	*1.29*	0.18	*0.09*	1	**0.5**	*0.47*	–	-
USA, Rhode Island: White	41	**1.0**	*0.17*	0.09	*0.02*	42	**0.8**	*0.16*	0.07	*0.02*
USA, South Carolina	160	**1.1**	*0.09*	0.12	*0.01*	152	**0.9**	*0.08*	0.09	*0.01*
USA, South Carolina: Black	31	**1.0**	*0.17*	0.09	*0.02*	31	**0.8**	*0.15*	0.07	*0.02*
USA, South Carolina: White	127	**1.1**	*0.10*	0.12	*0.01*	116	**0.9**	*0.10*	0.09	*0.01*
USA, South Dakota	16	**0.5**	*0.14*	0.05	*0.02*	19	**0.6**	*0.18*	0.06	*0.02*
USA, Tennessee	185	**0.9**	*0.07*	0.09	*0.01*	164	**0.7**	*0.06*	0.07	*0.01*
USA, Tennessee: Black	28	**1.1**	*0.21*	0.10	*0.02*	36	**1.1**	*0.19*	0.11	*0.02*
USA, Tennessee: White	154	**0.8**	*0.07*	0.08	*0.01*	124	**0.6**	*0.06*	0.07	*0.01*
USA, Texas	643	**0.9**	*0.04*	0.09	*0.01*	492	**0.6**	*0.03*	0.06	*0.00*
USA, Texas: Asian and Pacific Islander	4	**0.2**	*0.09*	0.01	*0.01*	9	**0.4**	*0.13*	0.03	*0.01*
USA, Texas: Black	42	**0.6**	*0.10*	0.07	*0.01*	54	**0.7**	*0.09*	0.07	*0.01*
USA, Texas: White	576	**0.9**	*0.04*	0.10	*0.01*	407	**0.6**	*0.03*	0.06	*0.00*
USA, Utah	122	**1.7**	*0.16*	0.19	*0.02*	93	**1.3**	*0.14*	0.15	*0.02*
USA, Vermont	20	**0.9**	*0.22*	0.09	*0.03*	26	**0.9**	*0.21*	0.10	*0.03*
USA, Virginia	275	**1.1**	*0.07*	0.10	*0.01*	214	**0.8**	*0.06*	0.07	*0.01*
USA, Virginia: Asian and Pacific Islander	2	**0.2**	*0.12*	0.02	*0.01*	5	**0.4**	*0.18*	0.06	*0.03*
USA, Virginia: Black	35	**0.9**	*0.15*	0.08	*0.02*	41	**0.9**	*0.14*	0.08	*0.01*
USA, Virginia: White	231	**1.1**	*0.08*	0.11	*0.01*	163	**0.7**	*0.07*	0.07	*0.01*
USA, Washington State	274	**1.2**	*0.08*	0.14	*0.01*	244	**1.0**	*0.07*	0.10	*0.01*
USA, Washington, Seattle	193	**1.3**	*0.10*	0.14	*0.01*	185	**1.1**	*0.09*	0.10	*0.01*
USA, West Virginia	70	**0.9**	*0.12*	0.08	*0.01*	56	**0.7**	*0.11*	0.07	*0.01*
USA, Wisconsin	183	**0.9**	*0.07*	0.09	*0.01*	140	**0.6**	*0.06*	0.07	*0.01*
USA, Wisconsin: Black	8	**1.3**	*0.48*	0.14	*0.06*	7	**0.7**	*0.27*	0.05	*0.02*
USA, Wisconsin: White	171	**0.9**	*0.07*	0.09	*0.01*	130	**0.6**	*0.06*	0.07	*0.01*
USA, Wyoming	27	**1.5**	*0.31*	0.15	*0.04*	13	**0.5**	*0.17*	0.05	*0.02*
Asia										
Bahrain: Bahraini	21	**3.0**	*0.67*	0.31	*0.09*	14	**1.8**	*0.49*	0.21	*0.07*
China, Beijing City	389	**1.3**	*0.07*	0.13	*0.01*	309	**1.0**	*0.06*	0.11	*0.01*
*China, Cixian County	8	**1.0**	*0.42*	0.07	*0.04*	8	**0.5**	*0.19*	0.06	*0.03*
China, Haining County	32	**1.6**	*0.31*	0.16	*0.04*	23	**0.8**	*0.18*	0.09	*0.03*
*China, Harbin City, Nangang District	17	**0.5**	*0.13*	0.07	*0.02*	19	**0.7**	*0.15*	0.06	*0.02*
China, Hong Kong	1600	**6.2**	*0.16*	0.62	*0.02*	1666	**5.0**	*0.14*	0.50	*0.02*
China, Jiashan County	29	**2.0**	*0.40*	0.22	*0.05*	38	**2.2**	*0.38*	0.27	*0.06*
China, Jiaxing City	24	**2.1**	*0.45*	0.21	*0.06*	18	**1.3**	*0.32*	0.12	*0.04*
China, Macao	81	**6.4**	*0.75*	0.66	*0.10*	62	**3.9**	*0.55*	0.38	*0.08*
China, Qidong County	48	**1.1**	*0.16*	0.09	*0.02*	47	**0.9**	*0.14*	0.08	*0.02*
*China, Shanghai City	559	**1.9**	*0.09*	0.20	*0.01*	522	**1.6**	*0.08*	0.17	*0.01*
*China, Wuhan City	132	**0.9**	*0.08*	0.10	*0.01*	96	**0.6**	*0.07*	0.07	*0.01*
*China, Yangcheng County	6	**0.9**	*0.38*	0.12	*0.06*	6	**0.6**	*0.26*	0.07	*0.03*
*China, Yanting County	20	**1.1**	*0.25*	0.15	*0.04*	10	**0.7**	*0.21*	0.09	*0.03*
*China, Zhongshan City	91	**3.3**	*0.36*	0.35	*0.05*	87	**2.5**	*0.29*	0.26	*0.04*
*India, Bangalore	92	**1.2**	*0.13*	0.13	*0.02*	68	**1.0**	*0.12*	0.11	*0.02*
*India; Barshi, Paranda, and Bhum	14	**0.9**	*0.25*	0.08	*0.03*	12	**0.9**	*0.29*	0.10	*0.03*
*India, Bhopal	41	**2.0**	*0.32*	0.23	*0.05*	33	**1.6**	*0.28*	0.15	*0.03*
*India, Chennai	145	**1.4**	*0.12*	0.17	*0.02*	88	**0.9**	*0.10*	0.11	*0.01*
*India, Dindigul, Ambilikkai	75	**1.5**	*0.18*	0.16	*0.02*	42	**0.9**	*0.14*	0.09	*0.02*
*India, Karunagappally	21	**2.0**	*0.44*	0.25	*0.06*	13	**1.0**	*0.29*	0.11	*0.04*
*India, Mizoram	27	**1.7**	*0.35*	0.22	*0.05*	18	**1.3**	*0.32*	0.17	*0.05*
*India, Mumbai	330	**1.3**	*0.07*	0.13	*0.01*	224	**0.9**	*0.06*	0.10	*0.01*
*India, New Delhi	346	**1.3**	*0.07*	0.15	*0.01*	237	**1.0**	*0.07*	0.12	*0.01*
*India, Poona	66	**0.9**	*0.11*	0.09	*0.01*	65	**0.9**	*0.11*	0.09	*0.01*
*India, Sikkim State	17	**1.7**	*0.43*	0.23	*0.07*	19	**2.5**	*0.59*	0.15	*0.06*
*India, Trivandrum	27	**1.8**	*0.34*	0.22	*0.05*	20	**1.1**	*0.25*	0.12	*0.03*
*Iran (Islamic Republic of), Golestan Province	176	**11.0**	*0.87*	1.23	*0.12*	124	**7.7**	*0.73*	0.83	*0.10*
Israel	503	**2.7**	*0.13*	0.29	*0.02*	408	**1.8**	*0.09*	0.17	*0.01*
*Israel: Jews	468	**2.8**	*0.14*	0.31	*0.02*	386	**1.9**	*0.10*	0.18	*0.01*
*Israel: Non–Jews	35	**1.8**	*0.32*	0.17	*0.04*	22	**1.0**	*0.22*	0.11	*0.03*
Japan, Aichi Prefecture	167	**2.7**	*0.22*	0.23	*0.02*	169	**1.9**	*0.17*	0.16	*0.02*
Japan, Fukui Prefecture	140	**2.7**	*0.25*	0.29	*0.04*	101	**1.4**	*0.17*	0.15	*0.02*
Japan, Hiroshima	349	**6.1**	*0.34*	0.66	*0.05*	275	**3.4**	*0.25*	0.35	*0.03*
Japan, Miyagi Prefecture	466	**3.5**	*0.18*	0.34	*0.02*	467	**2.4**	*0.14*	0.24	*0.02*
Japan, Nagasaki Prefecture	615	**6.8**	*0.31*	0.71	*0.04*	743	**5.1**	*0.26*	0.50	*0.03*
Japan, Niigata Prefecture	319	**2.2**	*0.14*	0.24	*0.02*	291	**1.3**	*0.10*	0.12	*0.01*
*Japan, Osaka Prefecture	781	**1.7**	*0.07*	0.17	*0.01*	680	**1.1**	*0.05*	0.11	*0.01*
Japan, Saga Prefecture	199	**4.0**	*0.34*	0.38	*0.04*	222	**2.4**	*0.22*	0.22	*0.03*
Republic of Korea	4253	**3.4**	*0.05*	0.38	*0.01*	5509	**3.1**	*0.04*	0.33	*0.01*
Republic of Korea, Busan	297	**3.1**	*0.20*	0.35	*0.03*	334	**2.6**	*0.14*	0.26	*0.02*
Republic of Korea, Daegu	230	**3.8**	*0.27*	0.41	*0.03*	277	**3.4**	*0.20*	0.38	*0.03*
Republic of Korea, Daejeon	99	**3.1**	*0.32*	0.35	*0.05*	124	**2.7**	*0.25*	0.24	*0.03*
Republic of Korea, Gwangju	155	**5.1**	*0.43*	0.54	*0.06*	195	**4.4**	*0.33*	0.52	*0.05*
Republic of Korea, Incheon	191	**3.3**	*0.25*	0.38	*0.04*	225	**2.9**	*0.20*	0.30	*0.03*
Republic of Korea, Jejudo	40	**3.6**	*0.58*	0.43	*0.08*	72	**3.6**	*0.45*	0.38	*0.06*
Republic of Korea, Seoul	761	**3.2**	*0.12*	0.35	*0.02*	881	**2.7**	*0.09*	0.28	*0.01*
Republic of Korea, Ulsan	66	**3.5**	*0.49*	0.36	*0.06*	95	**3.5**	*0.37*	0.35	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other skin (C44) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	63	**1.9**	*0.33*	0.18	*0.04*	27	**1.0**	*0.22*	0.12	*0.03*
*Kuwait: Kuwaitis	18	**1.5**	*0.39*	0.13	*0.05*	20	**1.3**	*0.30*	0.15	*0.04*
*Kuwait: Non−Kuwaitis	45	**2.5**	*0.66*	0.25	*0.08*	7	**0.7**	*0.34*	0.07	*0.04*
*Malaysia, Penang	103	**4.7**	*0.47*	0.56	*0.07*	79	**3.0**	*0.34*	0.31	*0.05*
*Malaysia, Penang: Chinese	76	**5.7**	*0.66*	0.67	*0.10*	61	**3.7**	*0.49*	0.37	*0.06*
*Malaysia, Penang: Indian	7	**2.8**	*1.13*	0.38	*0.20*	3	**1.3**	*0.80*	0.23	*0.16*
*Malaysia, Penang: Malay	15	**1.9**	*0.53*	0.23	*0.08*	15	**1.5**	*0.42*	0.19	*0.06*
*Philippines, Manila	301	**4.0**	*0.25*	0.44	*0.04*	289	**3.0**	*0.19*	0.35	*0.03*
*Philippines, Rizal	239	**3.0**	*0.21*	0.30	*0.03*	254	**2.5**	*0.17*	0.28	*0.02*
Qatar: Qatari	17	**7.3**	*1.84*	1.06	*0.30*	11	**3.9**	*1.24*	0.50	*0.18*
*Saudi Arabia, Riyadh: Saudi	177	**3.8**	*0.30*	0.43	*0.05*	146	**3.2**	*0.28*	0.38	*0.04*
Singapore	930	**9.7**	*0.33*	1.01	*0.04*	787	**6.6**	*0.24*	0.69	*0.04*
Singapore: Chinese	761	**10.1**	*0.37*	1.01	*0.05*	703	**7.0**	*0.27*	0.75	*0.04*
Singapore: Indian	23	**3.5**	*0.75*	0.38	*0.10*	14	**2.0**	*0.55*	0.25	*0.08*
Singapore: Malay	36	**3.5**	*0.62*	0.44	*0.10*	38	**3.3**	*0.55*	0.32	*0.07*
Thailand, Bangkok	323	**2.6**	*0.15*	0.22	*0.02*	393	**2.2**	*0.12*	0.21	*0.02*
Thailand, Chiang Mai	209	**4.7**	*0.33*	0.48	*0.04*	190	**3.6**	*0.27*	0.37	*0.04*
Thailand, Chonburi	129	**5.0**	*0.45*	0.54	*0.06*	152	**5.1**	*0.42*	0.56	*0.06*
*Thailand, Khon Kaen	150	**3.8**	*0.32*	0.44	*0.05*	161	**3.4**	*0.27*	0.34	*0.04*
Thailand, Lampang	96	**4.0**	*0.42*	0.44	*0.06*	149	**5.4**	*0.45*	0.59	*0.06*
*Thailand, Songkhla	109	**4.2**	*0.40*	0.37	*0.05*	113	**3.5**	*0.34*	0.33	*0.05*
*Turkey, Antalya	844	**23.5**	*0.82*	2.70	*0.11*	774	**20.3**	*0.74*	2.17	*0.10*
*Turkey, Edirne	345	**34.1**	*1.86*	4.10	*0.27*	274	**23.2**	*1.45*	2.70	*0.20*
*Turkey, Izmir	2727	**29.2**	*0.56*	3.35	*0.08*	2338	**21.2**	*0.45*	2.35	*0.06*
*Turkey, Trabzon	360	**30.9**	*1.66*	3.73	*0.24*	300	**20.8**	*1.25*	2.23	*0.17*
Europe										
Austria										
Austria, Tyrol	330	**11.6**	*0.66*	1.22	*0.09*	340	**9.0**	*0.55*	0.96	*0.08*
Austria, Vorarlberg	252	**17.1**	*1.11*	1.47	*0.15*	209	**9.1**	*0.72*	0.83	*0.10*
*Belarus	8987	**29.7**	*0.33*	3.35	*0.04*	14540	**27.3**	*0.25*	3.27	*0.03*
*Belgium	24823	**63.1**	*0.43*	6.87	*0.06*	23253	**50.8**	*0.39*	5.56	*0.05*
Bulgaria	8618	**24.0**	*0.27*	2.80	*0.04*	7936	**17.1**	*0.21*	1.98	*0.03*
Croatia	27	**0.2**	*0.03*	0.01	*0.00*	37	**0.1**	*0.02*	0.01	*0.00*
Cyprus										
Czech Republic	32110	**78.4**	*0.45*	8.78	*0.07*	32115	**58.4**	*0.36*	6.58	*0.05*
Denmark	3811	**14.2**	*0.24*	1.44	*0.04*	2800	**7.7**	*0.17*	0.78	*0.02*
*Estonia	1485	**30.7**	*0.82*	3.50	*0.11*	2468	**29.6**	*0.68*	3.39	*0.09*
Finland	14415	**62.3**	*0.54*	6.93	*0.08*	17388	**55.4**	*0.48*	6.15	*0.07*
*France, Bas−Rhin	2	**0.1**	*0.05*	0.01	*0.00*	1	**0.0**	*0.01*	–	-
*France, Calvados	1	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
*France, Doubs	0	**-**	-	–	-	1	**0.0**	*0.05*	0.01	*0.01*
*France, Haut−Rhin	3257	**108.2**	*1.98*	12.37	*0.28*	2976	**80.5**	*1.67*	8.97	*0.22*
*France, Hérault										
*France, Isère	1	**0.0**	*0.03*	0.00	*0.00*	6	**0.2**	*0.08*	0.01	*0.01*
*France, Loire−Atlantique	3	**0.1**	*0.03*	0.01	*0.01*	2	**0.1**	*0.04*	0.01	*0.00*
*France, Manche	3	**0.1**	*0.04*	–	-	1	**0.0**	*0.03*	0.01	*0.01*
*France, Somme	351	**12.7**	*0.74*	1.21	*0.11*	248	**5.4**	*0.41*	0.47	*0.06*
*France, Tarn										
*France, Vendée	2	**0.1**	*0.10*	0.01	*0.01*	1	**0.0**	*0.03*	0.01	*0.01*
Germany, Brandenburg	6292	**50.2**	*0.66*	5.70	*0.09*	5859	**36.8**	*0.54*	4.20	*0.07*
Germany, Bremen	3052	**89.7**	*1.70*	10.54	*0.25*	2822	**64.8**	*1.43*	7.57	*0.19*
Germany, Free State of Saxony	11875	**51.7**	*0.50*	5.90	*0.07*	10974	**36.1**	*0.41*	4.15	*0.05*
Germany, Hamburg	4725	**57.7**	*0.87*	6.76	*0.13*	4665	**45.4**	*0.76*	5.39	*0.10*
Germany, Mecklenburg−Western Pomerania	5074	**62.5**	*0.91*	7.45	*0.13*	5128	**49.5**	*0.78*	5.80	*0.10*
Germany, Munich	99	**0.6**	*0.06*	0.06	*0.01*	98	**0.5**	*0.06*	0.04	*0.01*
Germany, North Rhine−Westphalia	8601	**70.2**	*0.80*	8.07	*0.11*	7731	**51.4**	*0.68*	5.82	*0.09*
Germany, Saarland	3126	**57.9**	*1.09*	6.72	*0.15*	2824	**42.8**	*0.94*	4.78	*0.12*
Germany, Schleswig−Holstein	14041	**98.4**	*0.87*	11.57	*0.12*	13451	**78.7**	*0.78*	9.16	*0.10*
Iceland	131	**10.7**	*0.99*	1.03	*0.14*	131	**9.1**	*0.90*	0.91	*0.13*
Ireland	17553	**125.7**	*0.97*	14.56	*0.14*	15225	**91.9**	*0.81*	10.49	*0.12*
Italy, Biella	176	**16.6**	*1.35*	2.00	*0.19*	167	**12.1**	*1.16*	1.44	*0.15*
Italy, Brescia	2609	**69.5**	*1.42*	7.99	*0.19*	2269	**46.3**	*1.12*	5.05	*0.14*
Italy, Catania and Messina	2291	**49.4**	*1.11*	5.74	*0.15*	1653	**29.0**	*0.82*	3.23	*0.11*
Italy, Catanzaro	425	**39.9**	*2.07*	4.75	*0.29*	328	**24.1**	*1.53*	2.84	*0.21*
Italy, Como	1923	**71.5**	*1.72*	7.96	*0.24*	1563	**47.5**	*1.40*	5.20	*0.17*
Italy, Ferrara	1956	**88.0**	*2.24*	9.51	*0.30*	1488	**52.9**	*1.74*	5.88	*0.22*
Italy, Florence and Prato	2797	**69.3**	*1.45*	7.88	*0.20*	2173	**48.1**	*1.26*	5.24	*0.15*
Italy, Friuli−Venezia Giulia	5095	**78.0**	*1.18*	9.12	*0.16*	4829	**61.0**	*1.07*	6.75	*0.13*
Italy, Genoa	2913	**68.4**	*1.44*	7.92	*0.19*	2511	**49.7**	*1.25*	5.55	*0.15*
Italy, Latina	465	**18.1**	*0.89*	2.00	*0.13*	263	**8.5**	*0.60*	0.92	*0.08*
Italy, Lecco	1151	**75.2**	*2.31*	8.78	*0.33*	929	**49.0**	*1.88*	5.44	*0.24*
Italy, Lombardy, South	1253	**54.3**	*1.64*	5.99	*0.22*	1036	**35.7**	*1.34*	4.02	*0.17*
Italy, Mantua	20	**1.7**	*0.42*	0.16	*0.05*	15	**1.0**	*0.34*	0.11	*0.04*
Italy, Milan	2744	**48.5**	*1.01*	5.61	*0.14*	2384	**34.9**	*0.87*	4.03	*0.11*
Italy, Modena	2446	**68.1**	*1.51*	7.81	*0.21*	1810	**43.1**	*1.24*	4.71	*0.15*
Italy, Naples	599	**32.7**	*1.37*	3.73	*0.19*	412	**18.6**	*0.98*	2.02	*0.13*
Italy, Nuoro	609	**50.7**	*2.20*	5.93	*0.31*	510	**34.4**	*1.77*	3.77	*0.23*
Italy, Palermo	2340	**53.8**	*1.19*	6.35	*0.17*	1353	**26.9**	*0.83*	3.01	*0.10*
Italy, Parma	678	**26.0**	*1.13*	2.81	*0.16*	519	**16.6**	*0.96*	1.70	*0.11*
Italy, Ragusa	1025	**71.0**	*2.42*	8.55	*0.35*	577	**34.7**	*1.68*	3.67	*0.21*
Italy, Reggio Emilia	1834	**70.8**	*1.82*	8.11	*0.25*	1343	**43.9**	*1.45*	4.85	*0.19*
Italy, Romagna	5280	**79.4**	*1.22*	8.99	*0.17*	3867	**52.5**	*1.02*	5.71	*0.12*
Italy, Salerno	1818	**35.4**	*0.90*	4.10	*0.13*	1391	**21.6**	*0.67*	2.46	*0.09*
Italy, Sassari	1323	**61.6**	*1.78*	7.46	*0.26*	899	**38.1**	*1.41*	4.28	*0.18*
Italy, Sondrio	562	**64.3**	*2.87*	6.94	*0.39*	550	**48.2**	*2.44*	5.52	*0.32*
Italy, South Tyrol	286	**15.7**	*0.97*	1.61	*0.14*	244	**8.3**	*0.64*	0.78	*0.09*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other skin (C44) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	1162	**62.4**	*1.96*	7.31	*0.28*	563	**27.5**	*1.29*	3.16	*0.17*
Italy, Trapani	913	**53.2**	*1.93*	6.36	*0.27*	449	**23.4**	*1.27*	2.73	*0.17*
Italy, Trento	1024	**56.1**	*1.87*	6.47	*0.26*	985	**43.8**	*1.64*	4.70	*0.20*
Italy, Turin	28	**0.8**	*0.17*	0.08	*0.02*	25	**0.6**	*0.13*	0.06	*0.01*
Italy, Umbria	2890	**52.7**	*1.12*	6.04	*0.16*	2090	**30.5**	*0.86*	3.28	*0.11*
Italy, Varese	2540	**61.7**	*1.29*	6.99	*0.18*	2136	**40.9**	*1.04*	4.53	*0.13*
Italy, Veneto	6998	**78.1**	*0.99*	8.93	*0.14*	5956	**52.7**	*0.81*	5.80	*0.10*
Latvia	1279	**19.7**	*0.56*	2.25	*0.08*	2105	**17.8**	*0.43*	2.06	*0.06*
Lithuania	3549	**30.4**	*0.53*	3.53	*0.07*	6151	**32.0**	*0.45*	3.72	*0.06*
Malta	1096	**68.2**	*2.12*	7.53	*0.30*	794	**42.7**	*1.63*	4.73	*0.21*
*The Netherlands	14216	**19.8**	*0.17*	2.00	*0.02*	10584	**11.0**	*0.12*	1.14	*0.02*
*The Netherlands, Eindhoven	871	**20.1**	*0.71*	1.93	*0.09*	600	**10.5**	*0.47*	1.08	*0.06*
Norway	3398	**14.6**	*0.27*	1.43	*0.04*	3074	**9.6**	*0.21*	0.96	*0.03*
Poland, Cracow	731	**32.6**	*1.25*	3.90	*0.18*	757	**22.6**	*0.90*	2.76	*0.13*
Poland, Kielce	825	**17.1**	*0.62*	1.99	*0.09*	981	**14.3**	*0.52*	1.63	*0.07*
Poland, Lower Silesia	1241	**12.4**	*0.37*	1.39	*0.05*	1296	**8.3**	*0.26*	0.90	*0.03*
Poland, Podkarpackie	1047	**15.0**	*0.48*	1.68	*0.07*	1108	**11.1**	*0.37*	1.21	*0.05*
Portugal, Azores	534	**65.5**	*2.95*	7.36	*0.41*	406	**37.2**	*2.06*	3.83	*0.26*
Russian Federation, Saint Petersburg	2211	**14.7**	*0.32*	1.67	*0.05*	4145	**14.1**	*0.24*	1.71	*0.03*
*Serbia, Central	7122	**29.3**	*0.37*	3.49	*0.05*	6568	**22.5**	*0.31*	2.66	*0.04*
Slovakia	8319	**48.6**	*0.55*	5.70	*0.08*	9368	**38.4**	*0.42*	4.40	*0.06*
Slovenia	4016	**50.2**	*0.81*	5.72	*0.11*	4444	**39.0**	*0.66*	4.32	*0.09*
Spain, Albacete	14	**0.8**	*0.24*	0.10	*0.03*	14	**0.7**	*0.23*	0.05	*0.02*
Spain, Asturias	4	**0.1**	*0.05*	0.01	*0.01*	2	**0.1**	*0.12*	0.01	*0.01*
Spain, Basque Country	65	**0.7**	*0.09*	0.06	*0.01*	75	**0.8**	*0.11*	0.08	*0.01*
Spain, Canary Islands	32	**0.7**	*0.12*	0.07	*0.02*	36	**0.7**	*0.13*	0.07	*0.01*
Spain, Ciudad Real	16	**0.9**	*0.25*	0.11	*0.03*	9	**0.5**	*0.20*	0.05	*0.02*
Spain, Cuenca	1	**0.2**	*0.20*	0.01	*0.01*	8	**0.9**	*0.44*	0.07	*0.04*
Spain, Girona	2380	**76.4**	*1.71*	8.21	*0.24*	1937	**54.1**	*1.45*	5.94	*0.19*
*Spain, Granada	2911	**83.9**	*1.67*	9.98	*0.23*	2247	**55.1**	*1.31*	6.23	*0.17*
Spain, La Rioja	9	**0.6**	*0.22*	0.06	*0.03*	7	**0.6**	*0.25*	0.05	*0.02*
Spain, Mallorca	260	**7.7**	*0.51*	0.80	*0.07*	163	**3.7**	*0.34*	0.41	*0.05*
Spain, Murcia	89	**1.7**	*0.20*	0.18	*0.03*	63	**1.1**	*0.16*	0.11	*0.02*
Spain, Navarra	2522	**88.7**	*1.92*	10.22	*0.27*	2434	**79.7**	*1.88*	9.04	*0.24*
Spain, Tarragona	2955	**89.8**	*1.80*	10.22	*0.26*	2407	**67.0**	*1.58*	7.26	*0.20*
*Sweden	7887	**14.3**	*0.18*	1.33	*0.03*	6325	**8.7**	*0.14*	0.84	*0.02*
Switzerland, Basel	2160	**97.8**	*2.27*	11.00	*0.32*	1865	**68.3**	*1.85*	7.83	*0.25*
Switzerland, Geneva	827	**42.4**	*1.55*	4.24	*0.22*	838	**29.1**	*1.18*	3.05	*0.17*
Switzerland, Graubünden and Glarus	596	**54.2**	*2.35*	6.09	*0.35*	562	**39.7**	*1.98*	4.40	*0.28*
Switzerland, Neuchâtel	814	**102.2**	*3.87*	11.63	*0.56*	911	**89.5**	*3.50*	10.10	*0.47*
Switzerland, St Gall−Appenzell	2005	**88.0**	*2.06*	9.97	*0.30*	1667	**59.0**	*1.66*	6.66	*0.23*
Switzerland, Ticino	9	**0.5**	*0.19*	0.05	*0.02*	6	**0.2**	*0.11*	0.03	*0.02*
Switzerland, Valais	1376	**107.3**	*3.01*	12.24	*0.43*	1303	**85.9**	*2.68*	9.38	*0.35*
Switzerland, Vaud	3776	**135.7**	*2.33*	15.56	*0.34*	3935	**111.2**	*2.02*	12.41	*0.27*
Switzerland, Zurich	48	**1.0**	*0.16*	0.09	*0.02*	49	**0.6**	*0.11*	0.07	*0.01*
Ukraine	40298	**25.2**	*0.13*	2.89	*0.02*	54080	**19.7**	*0.09*	2.35	*0.01*
UK, England	169801	**73.5**	*0.19*	8.27	*0.03*	141899	**51.2**	*0.16*	5.71	*0.02*
UK, England, East of England Region	14018	**50.5**	*0.46*	5.50	*0.07*	10811	**32.8**	*0.37*	3.58	*0.05*
UK, England, North Western	25303	**87.0**	*0.58*	9.90	*0.08*	23486	**66.4**	*0.50*	7.41	*0.07*
UK, England, Northern and Yorkshire	26799	**87.3**	*0.57*	9.94	*0.08*	23333	**62.9**	*0.47*	7.07	*0.06*
UK, England, Oxford Region	12241	**105.3**	*1.00*	11.74	*0.14*	10158	**75.9**	*0.84*	8.61	*0.12*
UK, England, South and Western Regions	42441	**120.5**	*0.64*	13.72	*0.09*	34901	**84.5**	*0.53*	9.47	*0.07*
UK, England, Thames	7605	**14.0**	*0.17*	1.31	*0.02*	5222	**6.9**	*0.11*	0.66	*0.02*
UK, England, Trent	13623	**95.4**	*0.87*	10.69	*0.12*	10977	**66.8**	*0.73*	7.46	*0.10*
UK, England, West Midlands	20416	**82.1**	*0.61*	9.14	*0.09*	17020	**57.2**	*0.51*	6.33	*0.07*
UK, Northern Ireland	6462	**97.2**	*1.26*	10.95	*0.18*	5652	**65.0**	*0.97*	7.19	*0.13*
UK, Scotland	21369	**94.4**	*0.68*	10.75	*0.10*	18903	**64.6**	*0.53*	7.16	*0.07*
UK, Wales	16	**0.1**	*0.03*	0.01	*0.00*	26	**0.2**	*0.04*	0.02	*0.00*
Oceania										
Australian Capital Territory										
Australia, New South Wales	26	**0.1**	*0.02*	0.01	*0.00*	26	**0.1**	*0.02*	0.01	*0.00*
Australia, Northern Territory	33	**5.6**	*1.02*	0.63	*0.15*	13	**2.4**	*0.68*	0.20	*0.06*
Australia, Northern Territory: Indigenous	6	**6.1**	*2.66*	0.63	*0.30*	7	**5.7**	*2.23*	0.55	*0.23*
Australia, Northern Territory: Non−Indigenous	26	**5.4**	*1.11*	0.63	*0.17*	6	**1.4**	*0.61*	0.10	*0.05*
Australia, Queensland	298	**1.9**	*0.11*	0.18	*0.02*	176	**1.1**	*0.09*	0.12	*0.01*
South Australia	222	**3.4**	*0.24*	0.35	*0.03*	191	**2.1**	*0.18*	0.20	*0.02*
Australia, Tasmania	83	**3.7**	*0.44*	0.40	*0.06*	52	**1.9**	*0.32*	0.19	*0.04*
Australia, Victoria	260	**1.3**	*0.09*	0.13	*0.01*	230	**1.0**	*0.07*	0.09	*0.01*
Western Australia	227	**3.0**	*0.21*	0.30	*0.03*	148	**1.7**	*0.15*	0.15	*0.02*
New Zealand	200	**1.3**	*0.09*	0.12	*0.01*	186	**1.0**	*0.08*	0.09	*0.01*
New Zealand: Maori	8	**0.7**	*0.27*	0.07	*0.03*	8	**0.6**	*0.23*	0.06	*0.03*
New Zealand: Pacific Islander	2	**0.5**	*0.34*	0.05	*0.04*	1	**0.3**	*0.25*	0.04	*0.04*
New Zealand: Other	190	**1.3**	*0.10*	0.12	*0.01*	177	**1.0**	*0.09*	0.09	*0.01*
USA, Hawaii	73	**1.5**	*0.19*	0.15	*0.02*	53	**1.1**	*0.16*	0.11	*0.02*
*USA, Hawaii: Chinese	3	**1.4**	*0.84*	0.18	*0.11*	2	**0.7**	*0.53*	0.07	*0.05*
*USA, Hawaii: Filipino	3	**0.5**	*0.31*	0.08	*0.05*	10	**1.6**	*0.54*	0.16	*0.06*
*USA, Hawaii: Hawaiian	7	**0.9**	*0.36*	0.09	*0.06*	6	**0.8**	*0.33*	0.08	*0.04*
*USA, Hawaii: Japanese	19	**1.4**	*0.38*	0.11	*0.04*	10	**0.5**	*0.20*	0.07	*0.03*
*USA, Hawaii: White	34	**2.6**	*0.50*	0.26	*0.06*	20	**1.7**	*0.47*	0.18	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mesothelioma (C45)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	2	**0.1**	*0.04*	–	-	0	**-**	-	–	-
Egypt, Gharbiah	25	**0.4**	*0.08*	0.04	*0.01*	15	**0.2**	*0.05*	0.02	*0.01*
*Libya, Benghazi	3	**0.3**	*0.15*	0.03	*0.02*	0	**-**	-	–	-
*Malawi, Blantyre	0	**-**	-	–	-	0	**-**	-	–	-
*South Africa, PROMEC	0	**-**	-	–	-	0	**-**	-	–	-
*Tunisia, North	14	**0.2**	*0.06*	0.03	*0.01*	4	**0.1**	*0.03*	0.01	*0.00*
*Uganda, Kyadondo County	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
*Zimbabwe, Harare: African	1	**-**	-	–	-	0	**-**	-	–	-
America, Central and South										
Argentina, Bahía Blanca	7	**0.9**	*0.34*	0.11	*0.05*	3	**0.1**	*0.06*	–	-
Argentina, Córdoba	21	**0.9**	*0.19*	0.11	*0.02*	19	**0.5**	*0.12*	0.06	*0.02*
Argentina, Mendoza	27	**0.6**	*0.12*	0.09	*0.02*	10	**0.2**	*0.06*	0.02	*0.01*
*Argentina, Tierra del Fuego	1	**0.8**	*0.75*	0.13	*0.13*	0	**-**	-	–	-
Brazil, Aracaju	1	**0.1**	*0.11*	0.01	*0.01*	0	**-**	-	–	-
Brazil, Belo Horizonte	3	**0.1**	*0.06*	0.01	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
Brazil, Cuiabá	1	**0.1**	*0.06*	0.00	*0.00*	1	**0.0**	*0.05*	0.00	*0.00*
Brazil, Fortaleza	6	**0.2**	*0.08*	0.03	*0.01*	0	**-**	-	–	-
Brazil, Goiânia	1	**0.0**	*0.03*	0.00	*0.00*	6	**0.2**	*0.08*	0.02	*0.01*
*Brazil, São Paulo	39	**0.2**	*0.03*	0.02	*0.00*	22	**0.1**	*0.02*	0.01	*0.00*
Chile, Region of Antofagasta	5	**0.3**	*0.16*	0.01	*0.01*	3	**0.3**	*0.16*	0.04	*0.02*
Chile, Bío Bío Province	2	**0.2**	*0.14*	0.04	*0.03*	3	**0.3**	*0.16*	0.06	*0.03*
Chile, Valdivia	1	**0.1**	*0.10*	0.01	*0.01*	5	**0.4**	*0.19*	0.03	*0.02*
Colombia, Bucaramanga	4	**0.2**	*0.09*	0.02	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
Colombia, Cali	17	**0.4**	*0.09*	0.05	*0.01*	8	**0.2**	*0.06*	0.02	*0.01*
Colombia, Manizales	0	**-**	-	–	-	0	**-**	-	–	-
Colombia, Pasto	2	**0.2**	*0.14*	0.01	*0.01*	0	**-**	-	–	-
Costa Rica	13	**0.2**	*0.04*	0.02	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
Cuba, Villa Clara	4	**0.1**	*0.06*	0.01	*0.01*	5	**0.2**	*0.09*	0.02	*0.01*
Ecuador, Cuenca	1	**0.1**	*0.10*	0.01	*0.01*	4	**0.3**	*0.15*	0.03	*0.02*
Ecuador, Quito	9	**0.3**	*0.10*	0.04	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
*France, Martinique	2	**0.2**	*0.13*	0.02	*0.02*	1	**0.1**	*0.07*	0.01	*0.01*
*Jamaica, Kingston and St Andrew	0	**-**	-	–	-	0	**-**	-	–	-
USA, Puerto Rico	27	**0.2**	*0.04*	0.03	*0.01*	12	**0.1**	*0.02*	0.01	*0.00*
Uruguay	19	**0.3**	*0.07*	0.03	*0.01*	10	**0.1**	*0.04*	0.01	*0.00*
America, North										
Canada	1860	**1.4**	*0.03*	0.18	*0.01*	388	**0.3**	*0.01*	0.04	*0.00*
Canada, Alberta	181	**1.6**	*0.12*	0.19	*0.02*	31	**0.3**	*0.05*	0.03	*0.01*
Canada, British Columbia	312	**1.6**	*0.10*	0.20	*0.02*	46	**0.2**	*0.04*	0.04	*0.01*
Canada, Manitoba	68	**1.4**	*0.18*	0.17	*0.03*	11	**0.3**	*0.08*	0.03	*0.01*
Canada, New Brunswick	35	**1.1**	*0.19*	0.13	*0.03*	7	**0.2**	*0.09*	0.03	*0.01*
Canada, Newfoundland and Labrador	14	**0.7**	*0.19*	0.10	*0.03*	0	**-**	-	–	-
*Canada, Northwest Territories	1	**1.1**	*1.15*	–	-	0	**-**	-	–	-
Canada, Nova Scotia	43	**1.0**	*0.16*	0.10	*0.02*	16	**0.3**	*0.09*	0.04	*0.01*
Canada, Ontario	567	**1.2**	*0.05*	0.16	*0.01*	116	**0.2**	*0.02*	0.03	*0.00*
Canada, Prince Edward Island	5	**0.8**	*0.36*	0.05	*0.04*	1	**0.2**	*0.21*	0.03	*0.03*
*Canada, Quebec	589	**1.9**	*0.08*	0.24	*0.01*	152	**0.4**	*0.04*	0.05	*0.01*
Canada, Saskatchewan	44	**1.0**	*0.17*	0.13	*0.03*	8	**0.2**	*0.07*	0.02	*0.01*
*Canada, Yukon	1	**1.3**	*1.28*	0.21	*0.21*	0	**-**	-	–	-
USA, NPCR (42 states)	10936	**1.1**	*0.01*	0.12	*0.00*	3101	**0.3**	*0.01*	0.03	*0.00*
USA, NPCR (42 states): American Indian	28	**0.4**	*0.08*	0.06	*0.01*	18	**0.2**	*0.05*	0.03	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	81	**0.3**	*0.03*	0.03	*0.00*	45	**0.1**	*0.02*	0.01	*0.00*
USA, NPCR (42 states): Black	494	**0.6**	*0.03*	0.07	*0.00*	162	**0.1**	*0.01*	0.02	*0.00*
USA, NPCR (42 states): White	10262	**1.1**	*0.01*	0.13	*0.00*	2851	**0.3**	*0.01*	0.03	*0.00*
USA, SEER (9 registries)	1032	**1.0**	*0.03*	0.12	*0.01*	327	**0.3**	*0.02*	0.03	*0.00*
*USA, SEER (9 registries): Black	33	**0.4**	*0.08*	0.06	*0.01*	17	**0.2**	*0.04*	0.02	*0.01*
*USA, SEER (9 registries): White	944	**1.1**	*0.04*	0.13	*0.01*	290	**0.3**	*0.02*	0.03	*0.00*
USA, SEER (18 registries)	3090	**1.0**	*0.02*	0.12	*0.00*	937	**0.3**	*0.01*	0.03	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	87	**0.4**	*0.04*	0.05	*0.01*	31	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Black	147	**0.6**	*0.05*	0.07	*0.01*	53	**0.2**	*0.02*	0.02	*0.00*
*USA, SEER (18 registries): Hispanic White	251	**0.9**	*0.06*	0.10	*0.01*	117	**0.3**	*0.03*	0.04	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	2585	**1.2**	*0.02*	0.13	*0.00*	728	**0.3**	*0.01*	0.03	*0.00*
*USA, SEER (18 registries): White	2836	**1.1**	*0.02*	0.13	*0.00*	845	**0.3**	*0.01*	0.03	*0.00*
USA, Alabama	148	**0.8**	*0.07*	0.09	*0.01*	43	**0.2**	*0.03*	0.03	*0.01*
USA, Alabama: Black	27	**0.9**	*0.19*	0.11	*0.03*	3	**0.1**	*0.04*	0.01	*0.01*
USA, Alabama: White	119	**0.8**	*0.08*	0.09	*0.01*	40	**0.2**	*0.04*	0.03	*0.01*
USA, Alaska	25	**1.5**	*0.32*	0.13	*0.04*	6	**0.4**	*0.15*	0.05	*0.03*
*USA, Alaska: American Indian	1	**0.3**	*0.31*	0.03	*0.03*	0	**-**	-	–	-
USA, Arizona	238	**1.0**	*0.07*	0.12	*0.01*	68	**0.3**	*0.04*	0.03	*0.01*
USA, Arizona: American Indian	3	**0.6**	*0.34*	0.06	*0.04*	4	**0.5**	*0.27*	0.10	*0.05*
USA, Arizona: Asian and Pacific Islander	2	**0.6**	*0.45*	0.09	*0.07*	0	**-**	-	–	-
USA, Arizona: Black	4	**0.9**	*0.43*	0.17	*0.10*	0	**-**	-	–	-
USA, Arizona: White	227	**1.0**	*0.07*	0.12	*0.01*	63	**0.3**	*0.04*	0.03	*0.01*
USA, Arkansas	93	**0.8**	*0.09*	0.09	*0.01*	16	**0.1**	*0.03*	0.02	*0.00*
USA, Arkansas: Black	7	**0.7**	*0.27*	0.09	*0.05*	1	**0.0**	*0.03*	–	-
USA, Arkansas: White	84	**0.8**	*0.09*	0.09	*0.01*	15	**0.1**	*0.04*	0.02	*0.01*
USA, California	1222	**1.0**	*0.03*	0.12	*0.00*	354	**0.2**	*0.01*	0.03	*0.00*
USA, California: American Indian	1	**0.1**	*0.08*	–	-	1	**0.1**	*0.06*	–	-
USA, California: Asian and Pacific Islander	44	**0.3**	*0.05*	0.04	*0.01*	18	**0.1**	*0.03*	0.01	*0.00*
USA, California: Black	44	**0.7**	*0.11*	0.08	*0.02*	13	**0.1**	*0.04*	0.02	*0.01*
USA, California: White	1121	**1.1**	*0.04*	0.13	*0.01*	321	**0.3**	*0.02*	0.03	*0.00*
USA, California, Los Angeles County	272	**0.9**	*0.06*	0.11	*0.01*	96	**0.2**	*0.03*	0.03	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	12	**0.3**	*0.09*	0.05	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
*USA, California, Los Angeles County: Black	18	**0.7**	*0.16*	0.09	*0.03*	6	**0.1**	*0.06*	0.01	*0.01*
*USA, California, Los Angeles County: Chinese	2	**0.2**	*0.15*	0.03	*0.02*	2	**0.1**	*0.09*	0.01	*0.01*
*USA, California, Los Angeles County: Filipino	3	**0.3**	*0.21*	0.04	*0.03*	1	**0.1**	*0.11*	0.01	*0.01*
*USA, California, Los Angeles County: Hispanic White	64	**0.8**	*0.11*	0.09	*0.02*	37	**0.4**	*0.06*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mesothelioma (C45) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	3	**0.9**	*0.55*	0.13	*0.07*	0	**-**	-	–	-
*USA, California, Los Angeles County: Korean	1	**0.1**	*0.14*	0.02	*0.02*	0	**-**	-	–	-
*USA, California, Los Angeles County: Non–Hispanic White	174	**1.1**	*0.09*	0.14	*0.02*	49	**0.2**	*0.04*	0.03	*0.01*
*USA, California, Los Angeles County: White	238	**1.0**	*0.07*	0.12	*0.01*	86	**0.3**	*0.04*	0.04	*0.01*
USA, California, San Francisco Bay Area	167	**1.0**	*0.08*	0.13	*0.01*	41	**0.2**	*0.03*	0.02	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	14	**0.4**	*0.11*	0.04	*0.02*	4	**0.1**	*0.04*	0.00	*0.00*
*USA, California, San Francisco Bay Area: Black	8	**0.7**	*0.25*	0.09	*0.04*	3	**0.2**	*0.10*	0.04	*0.02*
*USA, California, San Francisco Bay Area: Hispanic White	17	**1.2**	*0.31*	0.16	*0.05*	8	**0.4**	*0.16*	0.08	*0.04*
*USA, California, San Francisco Bay Area: Non–Hispanic White	126	**1.3**	*0.12*	0.16	*0.02*	26	**0.2**	*0.06*	0.02	*0.01*
*USA, California, San Francisco Bay Area: White	143	**1.3**	*0.11*	0.16	*0.02*	34	**0.2**	*0.05*	0.03	*0.01*
USA, Colorado	128	**0.8**	*0.08*	0.10	*0.01*	38	**0.2**	*0.04*	0.03	*0.01*
USA, Colorado: Asian and Pacific Islander	1	**0.5**	*0.48*	0.08	*0.08*	2	**0.7**	*0.51*	0.12	*0.08*
USA, Colorado: Black	2	**0.6**	*0.41*	0.07	*0.05*	0	**-**	-	–	-
USA, Colorado: White	123	**0.8**	*0.08*	0.11	*0.01*	36	**0.2**	*0.04*	0.03	*0.01*
USA, Connecticut	160	**1.1**	*0.09*	0.13	*0.02*	60	**0.3**	*0.05*	0.03	*0.01*
*USA, Connecticut: Black	3	**0.4**	*0.25*	0.10	*0.06*	2	**0.2**	*0.15*	0.03	*0.02*
*USA, Connecticut: White	156	**1.2**	*0.10*	0.14	*0.02*	56	**0.3**	*0.05*	0.03	*0.01*
USA, Delaware	54	**1.4**	*0.20*	0.15	*0.03*	12	**0.3**	*0.10*	0.04	*0.02*
USA, Delaware: Black	0	**-**	-	–	-	1	**0.2**	*0.17*	0.02	*0.02*
USA, Delaware: White	53	**1.6**	*0.24*	0.18	*0.04*	11	**0.3**	*0.11*	0.05	*0.02*
USA, Florida	924	**1.0**	*0.04*	0.11	*0.01*	245	**0.3**	*0.02*	0.03	*0.00*
USA, Florida: Asian and Pacific Islander	3	**0.3**	*0.17*	0.03	*0.03*	2	**0.1**	*0.11*	0.02	*0.02*
USA, Florida: Black	33	**0.5**	*0.09*	0.07	*0.02*	15	**0.2**	*0.05*	0.02	*0.01*
USA, Florida: White	882	**1.0**	*0.04*	0.12	*0.01*	226	**0.3**	*0.02*	0.03	*0.00*
USA, Georgia	195	**0.7**	*0.05*	0.08	*0.01*	54	**0.1**	*0.02*	0.02	*0.00*
USA, Georgia: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.1**	*0.09*	0.01	*0.01*
USA, Georgia: Black	20	**0.4**	*0.08*	0.04	*0.01*	3	**0.0**	*0.02*	0.01	*0.00*
USA, Georgia: White	174	**0.8**	*0.06*	0.09	*0.01*	50	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia, Atlanta	44	**0.5**	*0.08*	0.05	*0.01*	17	**0.1**	*0.04*	0.02	*0.01*
*USA, Georgia, Atlanta: Black	6	**0.3**	*0.11*	0.03	*0.02*	2	**0.0**	*0.03*	0.00	*0.00*
*USA, Georgia, Atlanta: White	37	**0.6**	*0.10*	0.06	*0.02*	15	**0.2**	*0.05*	0.02	*0.01*
USA, Idaho	55	**1.0**	*0.14*	0.13	*0.02*	14	**0.3**	*0.08*	0.03	*0.01*
USA, Illinois	582	**1.2**	*0.05*	0.14	*0.01*	187	**0.3**	*0.03*	0.04	*0.00*
USA, Illinois: Asian and Pacific Islander	5	**0.4**	*0.16*	0.03	*0.02*	1	**0.1**	*0.08*	0.01	*0.01*
USA, Illinois: Black	21	**0.5**	*0.10*	0.06	*0.02*	13	**0.2**	*0.06*	0.03	*0.01*
USA, Illinois: White	553	**1.3**	*0.06*	0.15	*0.01*	169	**0.4**	*0.03*	0.04	*0.00*
USA, Indiana	278	**1.2**	*0.07*	0.13	*0.01*	81	**0.3**	*0.03*	0.03	*0.00*
USA, Indiana: Black	10	**0.7**	*0.22*	0.08	*0.04*	2	**0.1**	*0.06*	0.00	*0.00*
USA, Indiana: White	265	**1.2**	*0.08*	0.13	*0.01*	78	**0.3**	*0.04*	0.03	*0.01*
USA, Iowa	101	**0.8**	*0.08*	0.08	*0.01*	31	**0.2**	*0.04*	0.03	*0.01*
USA, Kentucky	126	**0.8**	*0.07*	0.09	*0.01*	39	**0.2**	*0.04*	0.02	*0.00*
USA, Louisiana	184	**1.5**	*0.11*	0.16	*0.02*	56	**0.4**	*0.06*	0.04	*0.01*
*USA, Louisiana: Black	36	**1.2**	*0.21*	0.12	*0.03*	13	**0.4**	*0.10*	0.03	*0.01*
*USA, Louisiana: White	148	**1.6**	*0.14*	0.18	*0.02*	43	**0.4**	*0.07*	0.05	*0.01*
*USA, Louisiana, New Orleans	50	**1.9**	*0.29*	0.21	*0.04*	31	**1.0**	*0.20*	0.10	*0.02*
*USA, Louisiana, New Orleans: Black	13	**1.7**	*0.49*	0.13	*0.06*	13	**1.3**	*0.38*	0.12	*0.04*
*USA, Louisiana, New Orleans: White	37	**2.2**	*0.38*	0.26	*0.06*	18	**0.9**	*0.24*	0.09	*0.03*
USA, Maine	88	**1.4**	*0.16*	0.16	*0.02*	28	**0.4**	*0.09*	0.05	*0.01*
USA, Massachusetts	381	**1.5**	*0.08*	0.17	*0.01*	100	**0.3**	*0.04*	0.04	*0.01*
USA, Massachusetts: Asian and Pacific Islander	1	**0.2**	*0.20*	0.03	*0.03*	1	**0.2**	*0.18*	0.03	*0.03*
USA, Massachusetts: Black	6	**0.7**	*0.30*	0.12	*0.06*	1	**0.1**	*0.07*	0.01	*0.01*
USA, Massachusetts: White	371	**1.5**	*0.09*	0.17	*0.01*	97	**0.3**	*0.04*	0.04	*0.01*
USA, Michigan	432	**1.1**	*0.06*	0.13	*0.01*	145	**0.3**	*0.03*	0.04	*0.00*
USA, Michigan: Asian and Pacific Islander	0	**-**	-	–	-	2	**0.4**	*0.27*	0.07	*0.06*
USA, Michigan: Black	22	**0.6**	*0.14*	0.09	*0.02*	9	**0.2**	*0.06*	0.02	*0.01*
USA, Michigan: White	404	**1.1**	*0.06*	0.13	*0.01*	130	**0.3**	*0.03*	0.04	*0.00*
USA, Michigan, Detroit	144	**0.9**	*0.08*	0.11	*0.01*	54	**0.3**	*0.04*	0.04	*0.01*
*USA, Michigan, Detroit: Black	11	**0.4**	*0.12*	0.05	*0.02*	7	**0.2**	*0.07*	0.02	*0.01*
*USA, Michigan, Detroit: White	133	**1.1**	*0.10*	0.12	*0.02*	44	**0.3**	*0.05*	0.04	*0.01*
USA, Mississippi	95	**0.9**	*0.10*	0.10	*0.01*	25	**0.2**	*0.04*	0.02	*0.01*
USA, Missouri	185	**0.8**	*0.06*	0.09	*0.01*	66	**0.2**	*0.03*	0.03	*0.00*
USA, Missouri: Black	5	**0.3**	*0.11*	0.00	*0.00*	5	**0.2**	*0.10*	0.03	*0.02*
USA, Missouri: White	179	**0.8**	*0.06*	0.10	*0.01*	61	**0.2**	*0.03*	0.03	*0.01*
USA, Montana	51	**1.3**	*0.19*	0.15	*0.03*	15	**0.3**	*0.10*	0.03	*0.01*
USA, Montana: American Indian	0	**-**	-	–	-	1	**0.6**	*0.59*	–	-
USA, Nebraska	68	**1.0**	*0.12*	0.12	*0.02*	30	**0.4**	*0.07*	0.05	*0.01*
USA, Nebraska: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Nebraska: White	67	**1.0**	*0.13*	0.12	*0.02*	29	**0.4**	*0.07*	0.05	*0.01*
USA, New Hampshire	69	**1.3**	*0.16*	0.15	*0.03*	11	**0.2**	*0.06*	0.02	*0.01*
USA, New Jersey	541	**1.5**	*0.07*	0.16	*0.01*	165	**0.4**	*0.03*	0.04	*0.00*
*USA, New Jersey: Black	23	**0.7**	*0.15*	0.07	*0.02*	11	**0.2**	*0.07*	0.03	*0.01*
*USA, New Jersey: White	508	**1.6**	*0.08*	0.18	*0.01*	151	**0.4**	*0.04*	0.04	*0.01*
USA, New Mexico	65	**0.9**	*0.12*	0.12	*0.02*	29	**0.3**	*0.07*	0.04	*0.01*
*USA, New Mexico: Hispanic White	24	**1.1**	*0.23*	0.17	*0.04*	12	**0.4**	*0.14*	0.05	*0.02*
*USA, New Mexico: Non–Hispanic White	34	**0.7**	*0.14*	0.08	*0.02*	15	**0.3**	*0.09*	0.04	*0.01*
*USA, New Mexico: White	58	**0.9**	*0.12*	0.11	*0.02*	27	**0.4**	*0.07*	0.04	*0.01*
USA, New York State	757	**1.0**	*0.04*	0.11	*0.01*	246	**0.3**	*0.02*	0.03	*0.00*
USA, New York State: Asian and Pacific Islander	7	**0.2**	*0.07*	0.02	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
USA, New York State: Black	36	**0.4**	*0.07*	0.05	*0.01*	20	**0.1**	*0.03*	0.01	*0.00*
USA, New York State: White	710	**1.1**	*0.05*	0.13	*0.01*	222	**0.3**	*0.02*	0.03	*0.00*
USA, North Carolina	288	**0.9**	*0.05*	0.11	*0.01*	74	**0.2**	*0.03*	0.02	*0.00*
USA, North Carolina: American Indian	1	**0.3**	*0.29*	0.02	*0.02*	0	**-**	-	–	-
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Black	27	**0.6**	*0.11*	0.06	*0.02*	13	**0.2**	*0.06*	0.02	*0.01*
USA, North Carolina: White	259	**1.0**	*0.06*	0.11	*0.01*	61	**0.2**	*0.03*	0.02	*0.00*
USA, North Dakota	32	**1.0**	*0.20*	0.09	*0.03*	11	**0.3**	*0.11*	0.05	*0.02*
USA, Ohio	524	**1.1**	*0.05*	0.14	*0.01*	149	**0.3**	*0.02*	0.03	*0.00*
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.17*	–	-
USA, Ohio: Black	23	**0.7**	*0.14*	0.09	*0.02*	7	**0.1**	*0.06*	0.01	*0.01*
USA, Ohio: White	496	**1.2**	*0.06*	0.14	*0.01*	141	**0.3**	*0.03*	0.03	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mesothelioma (C45) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	133	**1.0**	*0.09*	0.12	*0.01*	34	**0.2**	*0.04*	0.02	*0.00*
USA, Oklahoma: American Indian	8	**1.1**	*0.39*	0.19	*0.07*	3	**0.2**	*0.14*	0.01	*0.01*
USA, Oklahoma: Black	7	**1.0**	*0.37*	0.08	*0.05*	0	**-**	-	–	-
USA, Oklahoma: White	118	**1.0**	*0.10*	0.12	*0.01*	30	**0.2**	*0.04*	0.02	*0.01*
USA, Oregon	165	**1.0**	*0.09*	0.11	*0.01*	64	**0.3**	*0.05*	0.03	*0.01*
USA, Oregon: Asian and Pacific Islander	2	**0.5**	*0.36*	0.03	*0.03*	1	**0.2**	*0.22*	0.03	*0.03*
USA, Oregon: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Oregon: White	162	**1.0**	*0.09*	0.11	*0.01*	61	**0.3**	*0.05*	0.03	*0.01*
USA, Pennsylvania	886	**1.5**	*0.06*	0.17	*0.01*	201	**0.3**	*0.02*	0.03	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	5	**0.7**	*0.30*	0.05	*0.02*	0	**-**	-	–	-
USA, Pennsylvania: Black	24	**0.7**	*0.15*	0.08	*0.02*	11	**0.2**	*0.07*	0.02	*0.01*
USA, Pennsylvania: White	854	**1.6**	*0.06*	0.17	*0.01*	190	**0.3**	*0.02*	0.03	*0.00*
USA, Rhode Island	60	**1.2**	*0.18*	0.12	*0.03*	15	**0.2**	*0.08*	0.02	*0.01*
USA, Rhode Island: Black	1	**0.5**	*0.52*	–	-	0	**-**	-	–	-
USA, Rhode Island: White	58	**1.3**	*0.18*	0.12	*0.03*	15	**0.3**	*0.08*	0.02	*0.01*
USA, South Carolina	149	**0.9**	*0.08*	0.11	*0.01*	38	**0.2**	*0.04*	0.03	*0.01*
USA, South Carolina: Black	10	**0.3**	*0.10*	0.05	*0.02*	5	**0.1**	*0.06*	0.02	*0.01*
USA, South Carolina: White	137	**1.0**	*0.09*	0.13	*0.01*	32	**0.2**	*0.04*	0.03	*0.01*
USA, South Dakota	26	**0.6**	*0.14*	0.06	*0.02*	4	**0.1**	*0.04*	0.00	*0.00*
USA, Tennessee	205	**0.9**	*0.07*	0.11	*0.01*	46	**0.2**	*0.03*	0.02	*0.00*
USA, Tennessee: Black	10	**0.5**	*0.17*	0.07	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
USA, Tennessee: White	195	**1.0**	*0.07*	0.11	*0.01*	41	**0.2**	*0.03*	0.02	*0.00*
USA, Texas	670	**0.9**	*0.04*	0.11	*0.01*	192	**0.2**	*0.02*	0.03	*0.00*
USA, Texas: Asian and Pacific Islander	2	**0.1**	*0.08*	–	-	7	**0.3**	*0.13*	0.05	*0.02*
USA, Texas: Black	45	**0.8**	*0.12*	0.10	*0.02*	14	**0.2**	*0.04*	0.02	*0.01*
USA, Texas: White	613	**1.0**	*0.04*	0.11	*0.01*	166	**0.2**	*0.02*	0.03	*0.00*
USA, Utah	66	**1.0**	*0.12*	0.12	*0.02*	19	**0.2**	*0.05*	0.02	*0.01*
USA, Vermont	20	**0.8**	*0.18*	0.09	*0.03*	12	**0.4**	*0.13*	0.06	*0.02*
USA, Virginia	355	**1.3**	*0.07*	0.15	*0.01*	76	**0.2**	*0.03*	0.03	*0.00*
USA, Virginia: Asian and Pacific Islander	3	**0.3**	*0.20*	0.04	*0.02*	0	**-**	-	–	-
USA, Virginia: Black	57	**1.5**	*0.21*	0.16	*0.03*	4	**0.1**	*0.04*	0.01	*0.00*
USA, Virginia: White	294	**1.3**	*0.08*	0.15	*0.01*	71	**0.3**	*0.04*	0.03	*0.01*
USA, Washington State	341	**1.4**	*0.08*	0.15	*0.01*	102	**0.4**	*0.04*	0.04	*0.01*
USA, Washington, Seattle	245	**1.5**	*0.10*	0.17	*0.02*	69	**0.4**	*0.05*	0.04	*0.01*
USA, West Virginia	143	**1.8**	*0.15*	0.22	*0.02*	31	**0.3**	*0.07*	0.04	*0.01*
USA, Wisconsin	306	**1.4**	*0.08*	0.17	*0.01*	101	**0.4**	*0.04*	0.04	*0.01*
USA, Wisconsin: Black	3	**0.6**	*0.33*	0.09	*0.06*	0	**-**	-	–	-
USA, Wisconsin: White	301	**1.4**	*0.09*	0.18	*0.01*	101	**0.4**	*0.05*	0.05	*0.01*
USA, Wyoming	36	**1.7**	*0.30*	0.20	*0.05*	2	**0.1**	*0.09*	0.02	*0.02*
Asia										
Bahrain: Bahraini	12	**1.9**	*0.55*	0.35	*0.11*	2	**0.2**	*0.17*	0.01	*0.01*
China, Beijing City	95	**0.3**	*0.03*	0.04	*0.00*	74	**0.2**	*0.03*	0.03	*0.00*
*China, Cixian County	2	**0.2**	*0.13*	0.04	*0.03*	0	**-**	-	–	-
China, Haining County	0	**-**	-	–	-	1	**0.1**	*0.05*	0.01	*0.01*
*China, Harbin City, Nangang District	13	**0.5**	*0.13*	0.05	*0.02*	18	**0.6**	*0.13*	0.08	*0.02*
China, Hong Kong	62	**0.2**	*0.03*	0.03	*0.00*	18	**0.1**	*0.02*	0.01	*0.00*
China, Jiashan County	2	**0.1**	*0.10*	0.02	*0.02*	2	**0.1**	*0.08*	0.01	*0.01*
China, Jiaxing City	0	**-**	-	–	-	0	**-**	-	–	-
China, Macao	1	**0.1**	*0.05*	0.00	*0.00*	1	**0.1**	*0.12*	0.02	*0.02*
China, Qidong County	3	**0.1**	*0.04*	0.00	*0.00*	1	**0.0**	*0.01*	–	-
*China, Shanghai City	39	**0.1**	*0.02*	0.01	*0.00*	30	**0.1**	*0.02*	0.01	*0.00*
*China, Wuhan City	48	**0.3**	*0.05*	0.04	*0.01*	36	**0.2**	*0.04*	0.03	*0.01*
*China, Yangcheng County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yanting County	0	**-**	-	–	-	1	**0.1**	*0.07*	0.01	*0.01*
*China, Zhongshan City	7	**0.2**	*0.09*	0.03	*0.01*	5	**0.2**	*0.09*	0.02	*0.01*
*India, Bangalore	8	**0.1**	*0.04*	0.02	*0.01*	4	**0.0**	*0.03*	0.01	*0.01*
*India; Barshi, Paranda, and Bhum	0	**-**	-	–	-	0	**-**	-	–	-
*India, Bhopal	2	**0.1**	*0.06*	0.01	*0.01*	1	**0.1**	*0.05*	0.01	*0.01*
*India, Chennai	12	**0.1**	*0.04*	0.02	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
*India, Dindigul, Ambilikkai	2	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
*India, Karunagappally	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mizoram	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mumbai	15	**0.1**	*0.02*	0.01	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
*India, New Delhi	2	**0.0**	*0.01*	0.00	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
*India, Poona	5	**0.1**	*0.03*	0.01	*0.00*	1	**0.0**	*0.01*	–	-
*India, Sikkim State	1	**0.1**	*0.05*	0.00	*0.00*	0	**-**	-	–	-
*India, Trivandrum	1	**0.1**	*0.06*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.00*
*Iran (Islamic Republic of), Golestan Province	1	**0.1**	*0.09*	0.01	*0.01*	0	**-**	-	–	-
Israel	158	**0.8**	*0.07*	0.11	*0.01*	53	**0.2**	*0.04*	0.03	*0.00*
*Israel: Jews	145	**0.9**	*0.08*	0.11	*0.01*	47	**0.2**	*0.04*	0.03	*0.01*
*Israel: Non–Jews	13	**0.7**	*0.21*	0.09	*0.03*	6	**0.3**	*0.12*	0.02	*0.01*
Japan, Aichi Prefecture	21	**0.3**	*0.08*	0.03	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
Japan, Fukui Prefecture	18	**0.4**	*0.12*	0.03	*0.01*	7	**0.1**	*0.04*	0.00	*0.00*
Japan, Hiroshima	57	**1.0**	*0.14*	0.12	*0.02*	13	**0.2**	*0.05*	0.01	*0.01*
Japan, Miyagi Prefecture	69	**0.6**	*0.08*	0.07	*0.01*	19	**0.1**	*0.03*	0.02	*0.00*
Japan, Nagasaki Prefecture	107	**1.4**	*0.15*	0.16	*0.02*	30	**0.3**	*0.06*	0.04	*0.01*
Japan, Niigata Prefecture	85	**0.6**	*0.07*	0.07	*0.01*	18	**0.1**	*0.04*	0.01	*0.00*
*Japan, Osaka Prefecture	415	**0.9**	*0.05*	0.11	*0.01*	129	**0.2**	*0.02*	0.03	*0.00*
Japan, Saga Prefecture	40	**0.8**	*0.15*	0.09	*0.02*	17	**0.3**	*0.09*	0.03	*0.01*
Republic of Korea	252	**0.2**	*0.01*	0.02	*0.00*	144	**0.1**	*0.01*	0.01	*0.00*
Republic of Korea, Busan	18	**0.2**	*0.04*	0.02	*0.01*	11	**0.1**	*0.03*	0.01	*0.00*
Republic of Korea, Daegu	9	**0.1**	*0.05*	0.02	*0.01*	8	**0.1**	*0.04*	0.01	*0.00*
Republic of Korea, Daejeon	9	**0.3**	*0.10*	0.03	*0.01*	6	**0.2**	*0.06*	0.02	*0.01*
Republic of Korea, Gwangju	3	**0.1**	*0.05*	0.01	*0.00*	3	**0.1**	*0.05*	0.02	*0.01*
Republic of Korea, Incheon	20	**0.3**	*0.08*	0.03	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
Republic of Korea, Jejudo	4	**0.3**	*0.18*	0.03	*0.02*	2	**0.1**	*0.08*	0.01	*0.01*
Republic of Korea, Seoul	50	**0.2**	*0.03*	0.03	*0.00*	22	**0.1**	*0.01*	0.01	*0.00*
Republic of Korea, Ulsan	7	**0.3**	*0.11*	0.03	*0.01*	3	**0.1**	*0.05*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mesothelioma (C45) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	22	**0.5**	*0.15*	0.08	*0.03*	6	**0.2**	*0.11*	0.03	*0.02*
*Kuwait: Kuwaitis	4	**0.3**	*0.15*	0.04	*0.03*	1	**0.1**	*0.06*	0.00	*0.00*
*Kuwait: Non−Kuwaitis	18	**0.9**	*0.35*	0.11	*0.05*	5	**0.6**	*0.31*	0.07	*0.06*
*Malaysia, Penang	1	**0.0**	*0.03*	0.00	*0.00*	0	**-**	-	–	-
*Malaysia, Penang: Chinese	1	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	0	**-**	-	–	-	0	**-**	-	–	-
*Philippines, Manila	3	**0.1**	*0.03*	0.00	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
*Philippines, Rizal	4	**0.0**	*0.03*	0.00	*0.00*	6	**0.1**	*0.03*	0.01	*0.00*
Qatar: Qatari	0	**-**	-	–	-	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	4	**0.1**	*0.04*	0.01	*0.00*	6	**0.1**	*0.06*	0.02	*0.01*
Singapore	43	**0.5**	*0.07*	0.07	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
Singapore: Chinese	37	**0.5**	*0.08*	0.07	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
Singapore: Indian	1	**0.1**	*0.09*	–	-	1	**0.3**	*0.31*	–	-
Singapore: Malay	4	**0.4**	*0.20*	0.05	*0.03*	2	**0.1**	*0.10*	0.01	*0.01*
Thailand, Bangkok	4	**0.0**	*0.01*	0.00	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
Thailand, Chiang Mai	0	**-**	-	–	-	0	**-**	-	–	-
Thailand, Chonburi	2	**0.1**	*0.04*	0.00	*0.00*	0	**-**	-	–	-
*Thailand, Khon Kaen	1	**0.0**	*0.03*	–	-	0	**-**	-	–	-
Thailand, Lampang	2	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
*Thailand, Songkhla	0	**-**	-	–	-	0	**-**	-	–	-
*Turkey, Antalya	59	**1.6**	*0.21*	0.23	*0.03*	28	**0.8**	*0.14*	0.09	*0.02*
*Turkey, Edirne	7	**0.7**	*0.26*	0.07	*0.03*	4	**0.3**	*0.17*	0.05	*0.03*
*Turkey, Izmir	77	**0.8**	*0.10*	0.11	*0.01*	41	**0.4**	*0.06*	0.05	*0.01*
*Turkey, Trabzon	9	**0.7**	*0.24*	0.08	*0.04*	6	**0.4**	*0.17*	0.04	*0.02*
Europe										
Austria	314	**0.9**	*0.06*	0.12	*0.01*	149	**0.3**	*0.03*	0.04	*0.00*
Austria, Tyrol	16	**0.6**	*0.16*	0.08	*0.02*	7	**0.2**	*0.08*	0.01	*0.01*
Austria, Vorarlberg	14	**1.1**	*0.31*	0.16	*0.05*	5	**0.3**	*0.15*	0.05	*0.02*
*Belarus	196	**0.7**	*0.05*	0.08	*0.01*	161	**0.4**	*0.03*	0.04	*0.00*
*Belgium	824	**2.2**	*0.08*	0.28	*0.01*	162	**0.4**	*0.03*	0.05	*0.00*
Bulgaria	125	**0.4**	*0.04*	0.05	*0.01*	64	**0.2**	*0.03*	0.02	*0.00*
Croatia	258	**1.5**	*0.10*	0.20	*0.01*	56	**0.3**	*0.04*	0.04	*0.01*
Cyprus	30	**1.1**	*0.20*	0.14	*0.03*	11	**0.3**	*0.11*	0.04	*0.02*
Czech Republic	189	**0.5**	*0.03*	0.06	*0.01*	109	**0.2**	*0.02*	0.03	*0.00*
Denmark	416	**1.8**	*0.09*	0.23	*0.01*	82	**0.3**	*0.04*	0.04	*0.01*
*Estonia	12	**0.3**	*0.08*	0.04	*0.01*	9	**0.1**	*0.03*	0.01	*0.01*
Finland	341	**1.5**	*0.08*	0.21	*0.01*	99	**0.3**	*0.03*	0.04	*0.01*
*France, Bas−Rhin	32	**0.7**	*0.14*	0.07	*0.02*	13	**0.2**	*0.07*	0.03	*0.01*
*France, Calvados	44	**1.7**	*0.27*	0.23	*0.04*	19	**0.5**	*0.13*	0.08	*0.02*
*France, Doubs	14	**0.6**	*0.17*	0.10	*0.03*	3	**0.2**	*0.10*	0.02	*0.01*
*France, Haut−Rhin	21	**0.8**	*0.17*	0.11	*0.03*	5	**0.1**	*0.07*	0.02	*0.01*
*France, Hérault	47	**1.0**	*0.16*	0.13	*0.02*	20	**0.4**	*0.09*	0.04	*0.01*
*France, Isère	83	**1.7**	*0.19*	0.19	*0.03*	27	**0.5**	*0.10*	0.08	*0.02*
*France, Loire−Atlantique	130	**2.5**	*0.23*	0.31	*0.04*	38	**0.5**	*0.09*	0.06	*0.01*
*France, Manche	36	**1.5**	*0.26*	0.18	*0.04*	9	**0.4**	*0.14*	0.05	*0.02*
*France, Somme	40	**1.6**	*0.28*	0.18	*0.04*	18	**0.5**	*0.15*	0.08	*0.02*
*France, Tarn	22	**1.1**	*0.27*	0.12	*0.03*	8	**0.4**	*0.15*	0.05	*0.02*
*France, Vendée	30	**1.0**	*0.20*	0.13	*0.03*	8	**0.3**	*0.12*	0.04	*0.01*
Germany, Brandenburg	108	**0.9**	*0.08*	0.11	*0.01*	50	**0.3**	*0.04*	0.03	*0.01*
Germany, Bremen	199	**6.0**	*0.44*	0.75	*0.07*	35	**0.8**	*0.16*	0.10	*0.02*
Germany, Free State of Saxony	168	**0.7**	*0.06*	0.08	*0.01*	86	**0.3**	*0.04*	0.03	*0.00*
Germany, Hamburg	302	**3.7**	*0.22*	0.49	*0.03*	68	**0.6**	*0.09*	0.07	*0.01*
Germany, Mecklenburg−Western Pomerania	54	**0.6**	*0.09*	0.06	*0.01*	25	**0.2**	*0.05*	0.03	*0.01*
Germany, Munich	286	**1.6**	*0.10*	0.21	*0.02*	67	**0.3**	*0.04*	0.04	*0.01*
Germany, North Rhine−Westphalia	260	**2.1**	*0.14*	0.28	*0.02*	37	**0.2**	*0.04*	0.03	*0.01*
Germany, Saarland	75	**1.4**	*0.17*	0.20	*0.03*	14	**0.2**	*0.07*	0.03	*0.01*
Germany, Schleswig−Holstein	346	**2.4**	*0.14*	0.32	*0.02*	78	**0.4**	*0.06*	0.05	*0.01*
Iceland	9	**0.6**	*0.22*	0.04	*0.03*	2	**0.3**	*0.18*	0.04	*0.03*
Ireland	128	**1.0**	*0.09*	0.13	*0.01*	27	**0.2**	*0.04*	0.02	*0.01*
Italy, Biella	11	**1.0**	*0.33*	0.17	*0.06*	7	**0.5**	*0.22*	0.08	*0.04*
Italy, Brescia	62	**1.7**	*0.22*	0.24	*0.03*	29	**0.6**	*0.13*	0.07	*0.02*
Italy, Catania and Messina	36	**0.9**	*0.16*	0.12	*0.02*	23	**0.5**	*0.11*	0.05	*0.01*
Italy, Catanzaro	5	**0.5**	*0.25*	0.06	*0.03*	2	**0.2**	*0.15*	0.03	*0.02*
Italy, Como	50	**1.7**	*0.26*	0.20	*0.04*	27	**0.8**	*0.18*	0.12	*0.03*
Italy, Ferrara	42	**1.9**	*0.31*	0.26	*0.05*	9	**0.3**	*0.12*	0.02	*0.01*
Italy, Florence and Prato	29	**0.8**	*0.16*	0.11	*0.02*	13	**0.3**	*0.09*	0.03	*0.01*
Italy, Friuli−Venezia Giulia	234	**3.6**	*0.25*	0.47	*0.04*	49	**0.6**	*0.11*	0.08	*0.01*
Italy, Genoa	249	**5.6**	*0.39*	0.69	*0.06*	64	**1.0**	*0.16*	0.13	*0.02*
Italy, Latina	18	**0.7**	*0.19*	0.08	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
Italy, Lecco	39	**2.6**	*0.43*	0.35	*0.07*	18	**1.1**	*0.28*	0.14	*0.04*
Italy, Lombardy, South	63	**3.1**	*0.41*	0.38	*0.06*	44	**1.3**	*0.23*	0.18	*0.04*
Italy, Mantua	18	**1.7**	*0.41*	0.23	*0.06*	8	**0.6**	*0.22*	0.10	*0.04*
Italy, Milan	102	**1.8**	*0.19*	0.24	*0.03*	61	**0.8**	*0.12*	0.09	*0.02*
Italy, Modena	34	**1.0**	*0.19*	0.16	*0.03*	18	**0.4**	*0.12*	0.05	*0.02*
Italy, Naples	32	**1.8**	*0.32*	0.22	*0.05*	8	**0.4**	*0.15*	0.04	*0.02*
Italy, Nuoro	7	**0.7**	*0.29*	0.09	*0.04*	1	**0.1**	*0.06*	0.02	*0.02*
Italy, Palermo	68	**1.7**	*0.22*	0.21	*0.03*	18	**0.4**	*0.11*	0.06	*0.01*
Italy, Parma	42	**1.7**	*0.29*	0.21	*0.04*	33	**1.3**	*0.25*	0.20	*0.04*
Italy, Ragusa	10	**0.9**	*0.30*	0.12	*0.04*	3	**0.2**	*0.14*	0.04	*0.02*
Italy, Reggio Emilia	57	**2.4**	*0.35*	0.28	*0.05*	26	**1.2**	*0.28*	0.15	*0.03*
Italy, Romagna	88	**1.4**	*0.16*	0.19	*0.02*	26	**0.4**	*0.08*	0.05	*0.01*
Italy, Salerno	40	**0.9**	*0.15*	0.12	*0.02*	25	**0.5**	*0.11*	0.06	*0.01*
Italy, Sassari	21	**1.1**	*0.24*	0.15	*0.04*	8	**0.4**	*0.14*	0.04	*0.02*
Italy, Sondrio	10	**1.2**	*0.38*	0.19	*0.07*	10	**0.9**	*0.32*	0.12	*0.05*
Italy, South Tyrol	15	**0.9**	*0.25*	0.11	*0.04*	3	**0.1**	*0.05*	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mesothelioma (C45) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	42	**2.4**	*0.39*	0.36	*0.06*	9	**0.5**	*0.17*	0.07	*0.02*
Italy, Trapani	14	**0.6**	*0.18*	0.07	*0.03*	6	**0.3**	*0.13*	0.02	*0.01*
Italy, Trento	19	**1.1**	*0.27*	0.16	*0.04*	8	**0.3**	*0.12*	0.04	*0.02*
Italy, Turin	98	**1.8**	*0.20*	0.23	*0.03*	60	**1.0**	*0.14*	0.12	*0.02*
Italy, Umbria	51	**1.1**	*0.17*	0.14	*0.02*	19	**0.4**	*0.10*	0.04	*0.01*
Italy, Varese	96	**2.4**	*0.25*	0.32	*0.04*	51	**0.9**	*0.14*	0.10	*0.02*
Italy, Veneto	121	**1.3**	*0.13*	0.17	*0.02*	38	**0.3**	*0.07*	0.04	*0.01*
Latvia	29	**0.5**	*0.09*	0.06	*0.01*	28	**0.3**	*0.05*	0.04	*0.01*
Lithuania	28	**0.3**	*0.05*	0.03	*0.01*	15	**0.1**	*0.02*	0.01	*0.00*
Malta	29	**1.9**	*0.36*	0.27	*0.06*	3	**0.2**	*0.11*	0.02	*0.01*
*The Netherlands	2003	**3.0**	*0.07*	0.40	*0.01*	307	**0.4**	*0.02*	0.04	*0.00*
*The Netherlands, Eindhoven	77	**1.8**	*0.20*	0.24	*0.03*	16	**0.3**	*0.08*	0.04	*0.01*
Norway	337	**1.7**	*0.10*	0.21	*0.02*	65	**0.3**	*0.04*	0.03	*0.01*
Poland, Cracow	14	**0.6**	*0.17*	0.05	*0.02*	11	**0.4**	*0.12*	0.06	*0.02*
Poland, Kielce	26	**0.6**	*0.11*	0.07	*0.02*	25	**0.4**	*0.08*	0.05	*0.01*
Poland, Lower Silesia	30	**0.3**	*0.07*	0.03	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
Poland, Podkarpackie	32	**0.5**	*0.09*	0.06	*0.01*	13	**0.2**	*0.05*	0.02	*0.01*
Portugal, Azores	1	**0.1**	*0.14*	0.02	*0.02*	1	**0.2**	*0.15*	0.01	*0.01*
Russian Federation, Saint Petersburg	66	**0.4**	*0.05*	0.06	*0.01*	88	**0.3**	*0.04*	0.03	*0.00*
*Serbia, Central	36	**0.2**	*0.03*	0.02	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
Slovakia	74	**0.4**	*0.05*	0.05	*0.01*	41	**0.2**	*0.03*	0.02	*0.00*
Slovenia	109	**1.4**	*0.14*	0.18	*0.02*	40	**0.4**	*0.07*	0.05	*0.01*
Spain, Albacete	3	**0.2**	*0.13*	0.02	*0.01*	1	**0.0**	*0.02*	–	-
Spain, Asturias	44	**0.8**	*0.13*	0.09	*0.02*	12	**0.2**	*0.07*	0.03	*0.01*
Spain, Basque Country	121	**1.2**	*0.12*	0.16	*0.02*	44	**0.4**	*0.06*	0.04	*0.01*
Spain, Canary Islands	14	**0.3**	*0.08*	0.03	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Spain, Ciudad Real	5	**0.4**	*0.19*	0.05	*0.02*	0	**-**	-	–	-
Spain, Cuenca	6	**0.6**	*0.29*	0.09	*0.04*	1	**0.2**	*0.16*	0.02	*0.02*
Spain, Girona	25	**0.9**	*0.20*	0.13	*0.03*	6	**0.2**	*0.10*	0.03	*0.01*
*Spain, Granada	12	**0.3**	*0.11*	0.04	*0.01*	2	**0.1**	*0.04*	0.01	*0.01*
Spain, La Rioja	5	**0.5**	*0.21*	0.05	*0.03*	4	**0.2**	*0.12*	0.04	*0.02*
Spain, Mallorca	11	**0.4**	*0.11*	0.05	*0.02*	9	**0.2**	*0.09*	0.03	*0.01*
Spain, Murcia	24	**0.5**	*0.11*	0.06	*0.02*	17	**0.4**	*0.09*	0.05	*0.01*
Spain, Navarra	25	**1.1**	*0.22*	0.14	*0.03*	17	**0.6**	*0.17*	0.08	*0.02*
Spain, Tarragona	14	**0.5**	*0.15*	0.07	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
*Sweden	495	**1.2**	*0.06*	0.16	*0.01*	113	**0.2**	*0.03*	0.03	*0.00*
Switzerland, Basel	37	**1.7**	*0.30*	0.19	*0.04*	13	**0.6**	*0.17*	0.07	*0.02*
Switzerland, Geneva	13	**0.7**	*0.20*	0.07	*0.03*	9	**0.4**	*0.16*	0.06	*0.02*
Switzerland, Graubünden and Glarus	40	**4.0**	*0.67*	0.43	*0.08*	2	**0.2**	*0.16*	0.03	*0.02*
Switzerland, Neuchâtel	6	**0.9**	*0.40*	0.13	*0.06*	1	**0.0**	*0.03*	–	-
Switzerland, St Gall–Appenzell	58	**2.7**	*0.37*	0.34	*0.05*	7	**0.2**	*0.09*	0.03	*0.01*
Switzerland, Ticino	17	**1.2**	*0.29*	0.19	*0.05*	3	**0.1**	*0.04*	–	-
Switzerland, Valais	11	**0.9**	*0.27*	0.15	*0.05*	4	**0.2**	*0.12*	0.03	*0.02*
Switzerland, Vaud	46	**1.6**	*0.25*	0.20	*0.04*	7	**0.2**	*0.08*	0.03	*0.01*
Switzerland, Zurich	144	**2.6**	*0.23*	0.32	*0.03*	22	**0.3**	*0.08*	0.04	*0.01*
Ukraine	790	**0.5**	*0.02*	0.06	*0.00*	671	**0.3**	*0.01*	0.04	*0.00*
UK, England	8224	**3.6**	*0.04*	0.45	*0.01*	1677	**0.6**	*0.02*	0.08	*0.00*
UK, England, East of England Region	995	**3.8**	*0.13*	0.49	*0.02*	214	**0.7**	*0.05*	0.08	*0.01*
UK, England, North Western	1093	**3.6**	*0.12*	0.46	*0.02*	208	**0.6**	*0.05*	0.08	*0.01*
UK, England, Northern and Yorkshire	1224	**3.9**	*0.12*	0.48	*0.02*	279	**0.7**	*0.05*	0.09	*0.01*
UK, England, Oxford Region	386	**3.3**	*0.18*	0.43	*0.03*	67	**0.5**	*0.07*	0.07	*0.01*
UK, England, South and Western Regions	1480	**4.2**	*0.12*	0.53	*0.02*	260	**0.6**	*0.05*	0.08	*0.01*
UK, England, Thames	1677	**3.6**	*0.09*	0.46	*0.01*	403	**0.7**	*0.04*	0.09	*0.01*
UK, England, Trent	455	**3.2**	*0.16*	0.39	*0.02*	84	**0.5**	*0.06*	0.06	*0.01*
UK, England, West Midlands	669	**2.7**	*0.11*	0.33	*0.02*	126	**0.4**	*0.04*	0.05	*0.01*
UK, Northern Ireland	206	**3.0**	*0.22*	0.38	*0.03*	27	**0.3**	*0.07*	0.03	*0.01*
UK, Scotland	850	**3.7**	*0.13*	0.46	*0.02*	117	**0.4**	*0.04*	0.05	*0.01*
UK, Wales	404	**2.7**	*0.14*	0.34	*0.02*	70	**0.4**	*0.06*	0.05	*0.01*
Oceania										
Australian Capital Territory	27	**2.6**	*0.52*	0.33	*0.08*	5	**0.4**	*0.19*	0.04	*0.02*
Australia, New South Wales	875	**3.0**	*0.11*	0.36	*0.02*	181	**0.6**	*0.05*	0.07	*0.01*
Australia, Northern Territory	10	**2.0**	*0.67*	0.18	*0.09*	2	**0.3**	*0.22*	0.03	*0.02*
Australia, Northern Territory: Indigenous	1	**1.2**	*1.21*	0.15	*0.15*	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	9	**2.2**	*0.77*	0.19	*0.10*	2	**0.4**	*0.29*	0.04	*0.03*
Australia, Queensland	492	**3.1**	*0.15*	0.39	*0.02*	92	**0.6**	*0.06*	0.07	*0.01*
South Australia	222	**3.0**	*0.22*	0.39	*0.04*	49	**0.6**	*0.09*	0.06	*0.01*
Australia, Tasmania	55	**2.6**	*0.37*	0.31	*0.06*	9	**0.3**	*0.13*	0.04	*0.02*
Australia, Victoria	518	**2.5**	*0.12*	0.31	*0.02*	112	**0.5**	*0.05*	0.06	*0.01*
Western Australia	350	**4.5**	*0.25*	0.54	*0.04*	71	**0.9**	*0.11*	0.11	*0.02*
New Zealand	398	**2.6**	*0.14*	0.34	*0.02*	60	**0.3**	*0.05*	0.04	*0.01*
New Zealand: Maori	10	**1.1**	*0.35*	0.16	*0.06*	3	**0.2**	*0.14*	0.02	*0.01*
New Zealand: Pacific Islander	6	**1.8**	*0.72*	0.29	*0.14*	1	**0.3**	*0.25*	0.04	*0.04*
New Zealand: Other	382	**2.7**	*0.15*	0.36	*0.02*	56	**0.3**	*0.05*	0.04	*0.01*
USA, Hawaii	40	**0.8**	*0.13*	0.09	*0.02*	7	**0.2**	*0.06*	0.02	*0.01*
*USA, Hawaii: Chinese	1	**0.2**	*0.17*	–	-	0	**-**	-	–	-
*USA, Hawaii: Filipino	6	**1.3**	*0.54*	0.23	*0.10*	0	**-**	-	–	-
*USA, Hawaii: Hawaiian	8	**1.2**	*0.44*	0.12	*0.05*	0	**-**	-	–	-
*USA, Hawaii: Japanese	11	**0.6**	*0.19*	0.05	*0.03*	3	**0.4**	*0.22*	0.04	*0.02*
*USA, Hawaii: White	13	**0.9**	*0.27*	0.08	*0.04*	4	**0.4**	*0.21*	0.08	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kaposi sarcoma (C46)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	0	-	-	–	-	0	-	-	–	-
Egypt, Gharbiah	12	**0.2**	*0.05*	0.03	*0.01*	3	**0.0**	*0.03*	0.01	*0.00*
*Libya, Benghazi	6	**0.5**	*0.21*	0.07	*0.04*	1	**0.1**	*0.10*	0.01	*0.01*
*Malawi, Blantyre	1708	**91.8**	*2.67*	8.42	*0.30*	818	**43.6**	*1.86*	3.80	*0.20*
*South Africa, PROMEC	42	**3.1**	*0.48*	0.25	*0.04*	31	**1.4**	*0.26*	0.10	*0.02*
*Tunisia, North	55	**0.7**	*0.10*	0.09	*0.02*	25	**0.4**	*0.08*	0.05	*0.01*
*Uganda, Kyadondo County	856	**29.5**	*1.42*	2.87	*0.19*	751	**20.2**	*0.94*	1.70	*0.10*
*Zimbabwe, Harare: African	824	**37.3**	*1.65*	3.70	*0.22*	524	**23.5**	*1.30*	2.13	*0.15*
America, Central and South										
Argentina, Bahía Blanca	2	**0.1**	*0.13*	–	-	0	-	-	–	-
Argentina, Córdoba	42	**1.6**	*0.25*	0.15	*0.02*	8	**0.3**	*0.09*	0.02	*0.01*
Argentina, Mendoza	14	**0.3**	*0.08*	0.03	*0.01*	3	**0.1**	*0.03*	0.00	*0.00*
*Argentina, Tierra del Fuego	1	**0.7**	*0.66*	0.08	*0.08*	0	-	-	–	-
Brazil, Aracaju	7	**1.0**	*0.38*	0.08	*0.04*	1	**0.2**	*0.16*	0.02	*0.02*
Brazil, Belo Horizonte	15	**0.4**	*0.09*	0.03	*0.01*	3	**0.1**	*0.05*	0.02	*0.01*
Brazil, Cuiabá	9	**0.7**	*0.26*	0.05	*0.02*	2	**0.2**	*0.14*	0.04	*0.03*
Brazil, Fortaleza	10	**0.2**	*0.08*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Brazil, Goiânia	29	**0.9**	*0.16*	0.07	*0.01*	4	**0.1**	*0.07*	0.01	*0.01*
*Brazil, São Paulo	231	**0.8**	*0.06*	0.07	*0.01*	54	**0.2**	*0.03*	0.01	*0.00*
Chile, Region of Antofagasta	1	**0.1**	*0.05*	0.00	*0.00*	1	**0.1**	*0.08*	0.00	*0.00*
Chile, Bío Bío Province	1	**0.1**	*0.08*	–	-	0	-	-	–	-
Chile, Valdivia	2	**0.2**	*0.15*	0.03	*0.02*	2	**0.2**	*0.15*	0.02	*0.02*
Colombia, Bucaramanga	17	**0.7**	*0.16*	0.05	*0.01*	2	**0.1**	*0.05*	0.01	*0.01*
Colombia, Cali	97	**1.9**	*0.20*	0.17	*0.02*	17	**0.3**	*0.08*	0.04	*0.01*
Colombia, Manizales	9	**0.9**	*0.31*	0.07	*0.02*	0	-	-	–	-
Colombia, Pasto	1	**0.1**	*0.10*	0.01	*0.01*	1	**0.1**	*0.08*	0.01	*0.01*
Costa Rica	53	**0.5**	*0.07*	0.04	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
Cuba, Villa Clara	3	**0.1**	*0.07*	0.01	*0.01*	1	**0.0**	*0.02*	–	-
Ecuador, Cuenca	2	**0.2**	*0.16*	0.04	*0.03*	1	**0.1**	*0.11*	0.02	*0.02*
Ecuador, Quito	29	**0.8**	*0.15*	0.06	*0.02*	2	**0.1**	*0.05*	0.01	*0.01*
*France, Martinique	3	**0.2**	*0.12*	0.01	*0.01*	0	-	-	–	-
*Jamaica, Kingston and St Andrew	2	**0.1**	*0.09*	0.01	*0.01*	1	**0.1**	*0.05*	0.00	*0.00*
USA, Puerto Rico	102	**0.9**	*0.09*	0.08	*0.01*	20	**0.1**	*0.03*	0.01	*0.00*
Uruguay	25	**0.5**	*0.09*	0.04	*0.01*	7	**0.1**	*0.04*	0.01	*0.00*
America, North										
Canada	276	**0.2**	*0.02*	0.02	*0.00*	43	**0.0**	*0.01*	0.00	*0.00*
Canada, Alberta	16	**0.1**	*0.03*	0.01	*0.00*	7	**0.1**	*0.03*	0.00	*0.00*
Canada, British Columbia	86	**0.6**	*0.07*	0.05	*0.01*	4	**0.0**	*0.01*	0.00	*0.00*
Canada, Manitoba	6	**0.2**	*0.08*	0.01	*0.01*	3	**0.0**	*0.03*	0.00	*0.00*
Canada, New Brunswick	4	**0.1**	*0.07*	0.02	*0.01*	2	**0.0**	*0.01*	–	-
Canada, Newfoundland and Labrador	2	**0.1**	*0.05*	–	-	2	**0.1**	*0.06*	0.01	*0.01*
*Canada, Northwest Territories	1	**1.1**	*1.15*	–	-	0	-	-	–	-
Canada, Nova Scotia	4	**0.1**	*0.07*	0.01	*0.01*	2	**0.0**	*0.02*	–	-
Canada, Ontario	57	**0.1**	*0.02*	0.01	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Canada, Prince Edward Island	1	**0.2**	*0.20*	0.02	*0.02*	0	-	-	–	-
*Canada, Quebec	94	**0.3**	*0.04*	0.03	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
Canada, Saskatchewan	5	**0.1**	*0.05*	0.01	*0.01*	0	-	-	–	-
*Canada, Yukon	0	-	-	–	-	0	-	-	–	-
USA, NPCR (42 states)	5415	**0.7**	*0.01*	0.06	*0.00*	725	**0.1**	*0.00*	0.00	*0.00*
USA, NPCR (42 states): American Indian	28	**0.4**	*0.07*	0.03	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
USA, NPCR (42 states): Asian and Pacific Islander	75	**0.2**	*0.02*	0.02	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
USA, NPCR (42 states): Black	1411	**1.5**	*0.04*	0.13	*0.00*	208	**0.2**	*0.01*	0.02	*0.00*
USA, NPCR (42 states): White	3651	**0.5**	*0.01*	0.05	*0.00*	488	**0.0**	*0.00*	0.00	*0.00*
USA, SEER (9 registries)	855	**1.0**	*0.03*	0.09	*0.00*	66	**0.1**	*0.01*	0.00	*0.00*
*USA, SEER (9 registries): Black	260	**2.7**	*0.17*	0.22	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
*USA, SEER (9 registries): White	546	**0.8**	*0.03*	0.07	*0.00*	49	**0.0**	*0.01*	0.00	*0.00*
USA, SEER (18 registries)	2176	**0.8**	*0.02*	0.07	*0.00*	224	**0.1**	*0.00*	0.00	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	57	**0.2**	*0.03*	0.02	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
*USA, SEER (18 registries): Black	485	**1.8**	*0.08*	0.15	*0.01*	43	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Hispanic White	498	**1.2**	*0.06*	0.11	*0.01*	36	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	1034	**0.6**	*0.02*	0.06	*0.00*	126	**0.0**	*0.00*	0.00	*0.00*
*USA, SEER (18 registries): White	1532	**0.7**	*0.02*	0.07	*0.00*	162	**0.0**	*0.00*	0.00	*0.00*
USA, Alabama	63	**0.5**	*0.06*	0.04	*0.01*	10	**0.0**	*0.02*	0.00	*0.00*
USA, Alabama: Black	25	**0.8**	*0.17*	0.08	*0.02*	2	**0.0**	*0.03*	0.00	*0.00*
USA, Alabama: White	34	**0.3**	*0.06*	0.03	*0.01*	8	**0.0**	*0.02*	0.00	*0.00*
USA, Alaska	7	**0.4**	*0.17*	0.04	*0.02*	0	-	-	–	-
*USA, Alaska: American Indian	2	**0.8**	*0.58*	0.14	*0.12*	0	-	-	–	-
USA, Arizona	74	**0.4**	*0.05*	0.03	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
USA, Arizona: American Indian	2	**0.3**	*0.19*	0.02	*0.02*	1	**0.1**	*0.12*	0.01	*0.01*
USA, Arizona: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Arizona: Black	3	**0.4**	*0.23*	0.02	*0.01*	0	-	-	–	-
USA, Arizona: White	66	**0.4**	*0.05*	0.03	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
USA, Arkansas	30	**0.3**	*0.05*	0.02	*0.01*	10	**0.0**	*0.01*	–	-
USA, Arkansas: Black	3	**0.2**	*0.14*	0.01	*0.01*	1	**0.0**	*0.03*	–	-
USA, Arkansas: White	25	**0.2**	*0.05*	0.02	*0.01*	9	**0.0**	*0.01*	–	-
USA, California	1222	**1.1**	*0.03*	0.10	*0.00*	92	**0.1**	*0.01*	0.00	*0.00*
USA, California: American Indian	6	**0.4**	*0.16*	0.03	*0.01*	0	-	-	–	-
USA, California: Asian and Pacific Islander	36	**0.3**	*0.04*	0.02	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
USA, California: Black	149	**2.0**	*0.16*	0.17	*0.01*	15	**0.2**	*0.05*	0.02	*0.01*
USA, California: White	970	**1.1**	*0.04*	0.10	*0.00*	64	**0.0**	*0.01*	0.00	*0.00*
USA, California, Los Angeles County	493	**1.6**	*0.07*	0.15	*0.01*	25	**0.1**	*0.01*	0.01	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	23	**0.6**	*0.12*	0.05	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
*USA, California, Los Angeles County: Black	57	**2.1**	*0.28*	0.17	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
*USA, California, Los Angeles County: Chinese	4	**0.3**	*0.15*	0.03	*0.01*	1	**0.1**	*0.09*	0.01	*0.01*
*USA, California, Los Angeles County: Filipino	13	**1.6**	*0.44*	0.15	*0.05*	0	-	-	–	-
*USA, California, Los Angeles County: Hispanic White	194	**1.7**	*0.13*	0.15	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kaposi sarcoma (C46) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	0	-	-	–	-	0	-	-	–	-
*USA, California, Los Angeles County: Korean	2	**0.3**	*0.23*	0.03	*0.03*	0	-	-	–	-
*USA, California, Los Angeles County: Non–Hispanic White	196	**1.8**	*0.13*	0.17	*0.01*	14	**0.1**	*0.02*	0.00	*0.00*
*USA, California, Los Angeles County: White	390	**1.7**	*0.09*	0.16	*0.01*	20	**0.1**	*0.02*	0.01	*0.00*
USA, California, San Francisco Bay Area	278	**2.0**	*0.12*	0.18	*0.01*	16	**0.1**	*0.03*	0.01	*0.00*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	8	**0.3**	*0.09*	0.02	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
*USA, California, San Francisco Bay Area: Black	42	**3.6**	*0.57*	0.31	*0.05*	5	**0.4**	*0.18*	0.03	*0.01*
*USA, California, San Francisco Bay Area: Hispanic White	61	**2.8**	*0.38*	0.28	*0.05*	2	**0.1**	*0.05*	0.00	*0.00*
*USA, California, San Francisco Bay Area: Non–Hispanic White	162	**2.2**	*0.18*	0.20	*0.02*	8	**0.1**	*0.03*	0.00	*0.00*
*USA, California, San Francisco Bay Area: White	223	**2.3**	*0.16*	0.22	*0.02*	10	**0.1**	*0.02*	0.00	*0.00*
USA, Colorado	65	**0.4**	*0.06*	0.04	*0.01*	4	**0.0**	*0.01*	0.00	*0.00*
USA, Colorado: Asian and Pacific Islander	1	**0.2**	*0.24*	0.02	*0.02*	0	-	-	–	-
USA, Colorado: Black	6	**0.8**	*0.33*	0.07	*0.03*	1	**0.2**	*0.17*	0.01	*0.01*
USA, Colorado: White	54	**0.4**	*0.06*	0.04	*0.01*	3	**0.0**	*0.01*	0.00	*0.00*
USA, Connecticut	61	**0.5**	*0.07*	0.05	*0.01*	15	**0.1**	*0.02*	0.00	*0.00*
*USA, Connecticut: Black	14	**1.5**	*0.39*	0.14	*0.04*	3	**0.2**	*0.13*	0.01	*0.01*
*USA, Connecticut: White	45	**0.4**	*0.06*	0.04	*0.01*	12	**0.0**	*0.02*	0.00	*0.00*
USA, Delaware	9	**0.4**	*0.13*	0.03	*0.01*	3	**0.1**	*0.09*	0.00	*0.00*
USA, Delaware: Black	2	**0.5**	*0.34*	0.03	*0.02*	0	-	-	–	-
USA, Delaware: White	6	**0.3**	*0.13*	0.02	*0.01*	3	**0.1**	*0.13*	0.01	*0.01*
USA, Florida	597	**1.1**	*0.04*	0.09	*0.00*	91	**0.1**	*0.02*	0.01	*0.00*
USA, Florida: Asian and Pacific Islander	4	**0.3**	*0.17*	0.02	*0.01*	1	**0.1**	*0.06*	0.00	*0.00*
USA, Florida: Black	138	**1.8**	*0.16*	0.17	*0.02*	41	**0.5**	*0.08*	0.04	*0.01*
USA, Florida: White	446	**0.9**	*0.05*	0.08	*0.00*	49	**0.1**	*0.01*	0.00	*0.00*
USA, Georgia	295	**1.1**	*0.06*	0.09	*0.01*	19	**0.1**	*0.01*	0.00	*0.00*
USA, Georgia: Asian and Pacific Islander	2	**0.2**	*0.16*	0.02	*0.01*	0	-	-	–	-
USA, Georgia: Black	170	**2.2**	*0.17*	0.18	*0.01*	7	**0.1**	*0.03*	0.00	*0.00*
USA, Georgia: White	119	**0.6**	*0.06*	0.05	*0.00*	12	**0.1**	*0.02*	0.00	*0.00*
USA, Georgia, Atlanta	237	**2.2**	*0.15*	0.18	*0.01*	6	**0.1**	*0.03*	0.00	*0.00*
*USA, Georgia, Atlanta: Black	148	**3.9**	*0.33*	0.31	*0.03*	2	**0.0**	*0.03*	0.00	*0.00*
*USA, Georgia, Atlanta: White	85	**1.3**	*0.14*	0.11	*0.01*	4	**0.1**	*0.05*	0.00	*0.00*
USA, Idaho	1	**0.0**	*0.01*	–	-	0	-	-	–	-
USA, Illinois	207	**0.5**	*0.04*	0.05	*0.00*	19	**0.0**	*0.01*	0.00	*0.00*
USA, Illinois: Asian and Pacific Islander	4	**0.2**	*0.13*	0.04	*0.02*	0	-	-	–	-
USA, Illinois: Black	78	**1.5**	*0.18*	0.12	*0.01*	4	**0.1**	*0.03*	0.01	*0.00*
USA, Illinois: White	114	**0.3**	*0.03*	0.03	*0.00*	15	**0.0**	*0.01*	0.00	*0.00*
USA, Indiana	52	**0.3**	*0.04*	0.02	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
USA, Indiana: Black	15	**1.0**	*0.26*	0.09	*0.02*	3	**0.2**	*0.10*	0.02	*0.02*
USA, Indiana: White	33	**0.2**	*0.03*	0.02	*0.00*	4	**0.0**	*0.00*	–	-
USA, Iowa	15	**0.2**	*0.04*	0.01	*0.00*	2	**0.0**	*0.00*	–	-
USA, Kentucky	36	**0.3**	*0.04*	0.02	*0.00*	8	**0.0**	*0.01*	0.01	*0.00*
USA, Louisiana	70	**0.7**	*0.08*	0.06	*0.01*	20	**0.1**	*0.03*	0.01	*0.00*
*USA, Louisiana: Black	29	**1.0**	*0.19*	0.09	*0.02*	7	**0.2**	*0.07*	0.01	*0.01*
*USA, Louisiana: White	38	**0.5**	*0.08*	0.05	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
*USA, Louisiana, New Orleans	28	**1.5**	*0.29*	0.15	*0.03*	2	**0.1**	*0.05*	0.00	*0.00*
*USA, Louisiana, New Orleans: Black	14	**2.2**	*0.58*	0.22	*0.07*	1	**0.1**	*0.12*	0.01	*0.01*
*USA, Louisiana, New Orleans: White	14	**1.3**	*0.35*	0.12	*0.03*	1	**0.0**	*0.02*	–	-
USA, Maine	11	**0.2**	*0.07*	0.02	*0.01*	1	**0.0**	*0.01*	–	-
USA, Massachusetts	139	**0.6**	*0.06*	0.06	*0.01*	25	**0.1**	*0.02*	0.00	*0.00*
USA, Massachusetts: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Massachusetts: Black	22	**1.9**	*0.42*	0.22	*0.06*	2	**0.1**	*0.09*	0.01	*0.01*
USA, Massachusetts: White	100	**0.5**	*0.05*	0.04	*0.01*	23	**0.1**	*0.02*	0.00	*0.00*
USA, Michigan	104	**0.3**	*0.03*	0.03	*0.00*	21	**0.0**	*0.01*	0.01	*0.00*
USA, Michigan: Asian and Pacific Islander	1	**0.2**	*0.16*	0.01	*0.01*	0	-	-	–	-
USA, Michigan: Black	39	**1.0**	*0.17*	0.09	*0.02*	5	**0.1**	*0.06*	0.02	*0.01*
USA, Michigan: White	52	**0.2**	*0.02*	0.02	*0.00*	15	**0.0**	*0.01*	0.00	*0.00*
USA, Michigan, Detroit	73	**0.6**	*0.07*	0.05	*0.01*	14	**0.1**	*0.02*	0.01	*0.00*
*USA, Michigan, Detroit: Black	37	**1.5**	*0.24*	0.12	*0.02*	3	**0.1**	*0.05*	0.01	*0.01*
*USA, Michigan, Detroit: White	28	**0.3**	*0.05*	0.03	*0.01*	10	**0.1**	*0.02*	0.01	*0.00*
USA, Mississippi	45	**0.5**	*0.08*	0.05	*0.01*	7	**0.0**	*0.02*	0.00	*0.00*
USA, Missouri	40	**0.2**	*0.04*	0.02	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
USA, Missouri: Black	14	**0.9**	*0.24*	0.08	*0.02*	1	**0.0**	*0.05*	0.00	*0.00*
USA, Missouri: White	24	**0.1**	*0.03*	0.01	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
USA, Montana	5	**0.2**	*0.09*	0.02	*0.01*	1	**0.0**	*0.05*	0.00	*0.00*
USA, Montana: American Indian	1	**0.7**	*0.66*	0.06	*0.06*	0	-	-	–	-
USA, Nebraska	12	**0.2**	*0.07*	0.02	*0.01*	1	**0.0**	*0.01*	–	-
USA, Nebraska: Black	3	**1.3**	*0.78*	0.11	*0.07*	0	-	-	–	-
USA, Nebraska: White	9	**0.2**	*0.06*	0.01	*0.00*	1	**0.0**	*0.01*	–	-
USA, New Hampshire	17	**0.4**	*0.10*	0.04	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
USA, New Jersey	212	**0.7**	*0.05*	0.06	*0.01*	40	**0.1**	*0.02*	0.01	*0.00*
*USA, New Jersey: Black	61	**1.7**	*0.22*	0.15	*0.02*	8	**0.2**	*0.07*	0.02	*0.01*
*USA, New Jersey: White	138	**0.5**	*0.05*	0.05	*0.01*	30	**0.1**	*0.01*	0.01	*0.00*
USA, New Mexico	36	**0.6**	*0.11*	0.05	*0.01*	3	**0.0**	*0.01*	–	-
*USA, New Mexico: Hispanic White	19	**0.8**	*0.19*	0.07	*0.02*	1	**0.0**	*0.02*	–	-
*USA, New Mexico: Non–Hispanic White	12	**0.5**	*0.15*	0.04	*0.01*	2	**0.0**	*0.01*	–	-
*USA, New Mexico: White	31	**0.6**	*0.12*	0.05	*0.01*	3	**0.0**	*0.01*	–	-
USA, New York State	817	**1.3**	*0.05*	0.12	*0.00*	162	**0.2**	*0.02*	0.02	*0.00*
USA, New York State: Asian and Pacific Islander	8	**0.2**	*0.06*	0.02	*0.01*	0	-	-	–	-
USA, New York State: Black	267	**2.9**	*0.18*	0.25	*0.02*	54	**0.5**	*0.06*	0.04	*0.01*
USA, New York State: White	491	**1.0**	*0.05*	0.09	*0.00*	106	**0.1**	*0.01*	0.01	*0.00*
USA, North Carolina	100	**0.4**	*0.04*	0.03	*0.00*	16	**0.0**	*0.01*	0.00	*0.00*
USA, North Carolina: American Indian	1	**0.3**	*0.30*	0.02	*0.02*	0	-	-	–	-
USA, North Carolina: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, North Carolina: Black	44	**0.9**	*0.13*	0.08	*0.01*	11	**0.2**	*0.06*	0.02	*0.01*
USA, North Carolina: White	54	**0.2**	*0.03*	0.02	*0.00*	5	**0.0**	*0.00*	–	-
USA, North Dakota	0	-	-	–	-	0	-	-	–	-
USA, Ohio	102	**0.3**	*0.03*	0.02	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
USA, Ohio: Asian and Pacific Islander	1	**0.3**	*0.28*	0.04	*0.04*	0	-	-	–	-
USA, Ohio: Black	20	**0.5**	*0.12*	0.04	*0.01*	4	**0.1**	*0.04*	0.01	*0.00*
USA, Ohio: White	73	**0.2**	*0.03*	0.02	*0.00*	5	**0.0**	*0.00*	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kaposi sarcoma (C46) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	32	**0.3**	*0.05*	0.02	*0.01*	7	**0.0**	*0.02*	0.00	*0.00*
USA, Oklahoma: American Indian	5	**0.6**	*0.27*	0.05	*0.03*	1	**0.1**	*0.12*	0.01	*0.01*
USA, Oklahoma: Black	3	**0.4**	*0.23*	0.03	*0.02*	1	**0.1**	*0.14*	0.01	*0.01*
USA, Oklahoma: White	22	**0.2**	*0.05*	0.02	*0.01*	5	**0.0**	*0.01*	–	-
USA, Oregon	56	**0.5**	*0.07*	0.04	*0.01*	6	**0.0**	*0.02*	0.00	*0.00*
USA, Oregon: Asian and Pacific Islander	1	**0.2**	*0.19*	0.02	*0.02*	1	**0.3**	*0.31*	0.05	*0.05*
USA, Oregon: Black	1	**0.4**	*0.37*	0.03	*0.03*	0	**-**	-	–	-
USA, Oregon: White	53	**0.5**	*0.07*	0.05	*0.01*	5	**0.0**	*0.01*	0.00	*0.00*
USA, Pennsylvania	158	**0.4**	*0.03*	0.03	*0.00*	30	**0.1**	*0.01*	0.00	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Pennsylvania: Black	46	**1.3**	*0.19*	0.11	*0.02*	13	**0.3**	*0.09*	0.03	*0.01*
USA, Pennsylvania: White	100	**0.3**	*0.03*	0.02	*0.00*	15	**0.0**	*0.01*	0.00	*0.00*
USA, Rhode Island	26	**0.7**	*0.14*	0.06	*0.02*	7	**0.1**	*0.05*	0.01	*0.01*
USA, Rhode Island: Black	1	**0.6**	*0.60*	–	-	1	**0.5**	*0.45*	0.04	*0.04*
USA, Rhode Island: White	24	**0.7**	*0.15*	0.06	*0.02*	6	**0.1**	*0.04*	0.01	*0.01*
USA, South Carolina	41	**0.3**	*0.05*	0.03	*0.00*	9	**0.0**	*0.01*	0.00	*0.00*
USA, South Carolina: Black	15	**0.5**	*0.13*	0.05	*0.01*	1	**0.0**	*0.01*	–	-
USA, South Carolina: White	22	**0.2**	*0.05*	0.02	*0.00*	8	**0.0**	*0.02*	0.00	*0.00*
USA, South Dakota	1	**0.1**	*0.05*	0.00	*0.00*	2	**0.0**	*0.01*	–	-
USA, Tennessee	47	**0.3**	*0.04*	0.02	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
USA, Tennessee: Black	15	**0.6**	*0.16*	0.05	*0.01*	0	**-**	-	–	-
USA, Tennessee: White	29	**0.2**	*0.03*	0.01	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
USA, Texas	516	**0.8**	*0.03*	0.07	*0.00*	74	**0.1**	*0.01*	0.01	*0.00*
USA, Texas: Asian and Pacific Islander	4	**0.2**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
USA, Texas: Black	126	**1.7**	*0.15*	0.14	*0.01*	14	**0.2**	*0.05*	0.02	*0.01*
USA, Texas: White	371	**0.6**	*0.03*	0.06	*0.00*	59	**0.1**	*0.01*	0.01	*0.00*
USA, Utah	25	**0.4**	*0.08*	0.04	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
USA, Vermont	2	**0.1**	*0.06*	0.00	*0.00*	1	**0.0**	*0.04*	0.01	*0.01*
USA, Virginia	85	**0.4**	*0.04*	0.03	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
USA, Virginia: Asian and Pacific Islander	2	**0.2**	*0.12*	0.01	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*
USA, Virginia: Black	28	**0.7**	*0.13*	0.06	*0.01*	3	**0.1**	*0.04*	0.01	*0.00*
USA, Virginia: White	53	**0.3**	*0.04*	0.03	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
USA, Washington State	116	**0.6**	*0.05*	0.05	*0.00*	9	**0.0**	*0.01*	0.00	*0.00*
USA, Washington, Seattle	103	**0.7**	*0.07*	0.06	*0.01*	5	**0.0**	*0.01*	0.00	*0.00*
USA, West Virginia	10	**0.2**	*0.05*	0.01	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
USA, Wisconsin	29	**0.2**	*0.03*	0.01	*0.00*	3	**0.0**	*0.00*	–	-
USA, Wisconsin: Black	6	**0.7**	*0.28*	0.06	*0.03*	1	**0.1**	*0.10*	–	-
USA, Wisconsin: White	21	**0.1**	*0.03*	0.01	*0.00*	1	**0.0**	*0.00*	–	-
USA, Wyoming	4	**0.2**	*0.10*	0.01	*0.01*	0	**-**	-	–	-
Asia										
Bahrain: Bahraini	2	**0.3**	*0.21*	0.04	*0.03*	1	**0.1**	*0.07*	0.01	*0.01*
China, Beijing City	2	**0.0**	*0.00*	–	-	1	**0.0**	*0.00*	0.00	*0.00*
*China, Cixian County	0	**-**	-	–	-	0	**-**	-	–	-
China, Haining County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Harbin City, Nangang District	0	**-**	-	–	-	0	**-**	-	–	-
China, Hong Kong	13	**0.1**	*0.02*	0.00	*0.00*	1	**0.0**	*0.00*	0.00	*0.00*
China, Jiashan County	0	**-**	-	–	-	0	**-**	-	–	-
China, Jiaxing City	0	**-**	-	–	-	0	**-**	-	–	-
China, Macao	0	**-**	-	–	-	0	**-**	-	–	-
China, Qidong County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Shanghai City	0	**-**	-	–	-	0	**-**	-	–	-
*China, Wuhan City	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yangcheng County	1	**0.1**	*0.13*	0.02	*0.02*	0	**-**	-	–	-
*China, Yanting County	4	**0.2**	*0.12*	0.04	*0.02*	4	**0.3**	*0.13*	0.03	*0.02*
*China, Zhongshan City	0	**-**	-	–	-	0	**-**	-	–	-
*India, Bangalore	0	**-**	-	–	-	1	**0.0**	*0.01*	0.00	*0.00*
*India; Barshi, Paranda, and Bhum	0	**-**	-	–	-	0	**-**	-	–	-
*India, Bhopal	0	**-**	-	–	-	1	**0.1**	*0.05*	0.01	*0.01*
*India, Chennai	2	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
*India, Dindigul, Ambilikkai	0	**-**	-	–	-	0	**-**	-	–	-
*India, Karunagappally	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mizoram	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mumbai	3	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
*India, New Delhi	1	**0.0**	*0.00*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
*India, Poona	0	**-**	-	–	-	0	**-**	-	–	-
*India, Sikkim State	0	**-**	-	–	-	0	**-**	-	–	-
*India, Trivandrum	0	**-**	-	–	-	0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province	10	**0.7**	*0.23*	0.09	*0.03*	1	**0.1**	*0.09*	0.01	*0.01*
Israel	483	**2.5**	*0.12*	0.31	*0.02*	197	**0.7**	*0.05*	0.07	*0.01*
*Israel: Jews	467	**2.6**	*0.13*	0.33	*0.02*	186	**0.7**	*0.06*	0.07	*0.01*
*Israel: Non–Jews	16	**0.9**	*0.24*	0.06	*0.02*	11	**0.6**	*0.19*	0.08	*0.03*
Japan, Aichi Prefecture	0	**-**	-	–	-	0	**-**	-	–	-
Japan, Fukui Prefecture	1	**0.0**	*0.05*	0.00	*0.00*	0	**-**	-	–	-
Japan, Hiroshima	2	**0.1**	*0.04*	0.01	*0.00*	0	**-**	-	–	-
Japan, Miyagi Prefecture	1	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	–	-
Japan, Nagasaki Prefecture	1	**0.0**	*0.01*	–	-	0	**-**	-	–	-
Japan, Niigata Prefecture	0	**-**	-	–	-	0	**-**	-	–	-
*Japan, Osaka Prefecture	4	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	–	-
Japan, Saga Prefecture	0	**-**	-	–	-	0	**-**	-	–	-
Republic of Korea	138	**0.1**	*0.01*	0.01	*0.00*	33	**0.0**	*0.00*	0.00	*0.00*
Republic of Korea, Busan	5	**0.1**	*0.02*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Republic of Korea, Daegu	3	**0.0**	*0.02*	0.01	*0.00*	0	**-**	-	–	-
Republic of Korea, Daejeon	3	**0.1**	*0.05*	0.00	*0.00*	3	**0.1**	*0.04*	0.01	*0.01*
Republic of Korea, Gwangju	1	**0.0**	*0.03*	0.00	*0.00*	0	**-**	-	–	-
Republic of Korea, Incheon	15	**0.3**	*0.08*	0.02	*0.01*	0	**-**	-	–	-
Republic of Korea, Jejudo	0	**-**	-	–	-	0	**-**	-	–	-
Republic of Korea, Seoul	41	**0.2**	*0.03*	0.01	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Republic of Korea, Ulsan	1	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kaposi sarcoma (C46) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	5	**0.1**	*0.04*	0.01	*0.01*	2	**0.1**	*0.09*	0.01	*0.01*
*Kuwait: Kuwaitis	4	**0.3**	*0.16*	0.03	*0.02*	2	**0.2**	*0.13*	0.02	*0.02*
*Kuwait: Non−Kuwaitis	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
*Malaysia, Penang	2	**0.1**	*0.04*	0.01	*0.00*	0	**-**	-	–	-
*Malaysia, Penang: Chinese	2	**0.1**	*0.09*	0.01	*0.01*	0	**-**	-	–	-
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	0	**-**	-	–	-	0	**-**	-	–	-
*Philippines, Manila	2	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
*Philippines, Rizal	2	**0.0**	*0.02*	0.01	*0.00*	0	**-**	-	–	-
Qatar: Qatari	5	**1.6**	*0.81*	0.13	*0.09*	2	**0.6**	*0.50*	0.13	*0.12*
*Saudi Arabia, Riyadh: Saudi	27	**0.6**	*0.12*	0.07	*0.02*	16	**0.4**	*0.10*	0.04	*0.01*
Singapore	10	**0.1**	*0.03*	0.01	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Singapore: Chinese	8	**0.1**	*0.03*	0.01	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Singapore: Indian	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
Singapore: Malay	1	**0.1**	*0.05*	0.00	*0.00*	0	**-**	-	–	-
Thailand, Bangkok	5	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	–	-
Thailand, Chiang Mai	4	**0.1**	*0.04*	0.01	*0.00*	3	**0.1**	*0.05*	0.01	*0.00*
Thailand, Chonburi	4	**0.1**	*0.06*	0.01	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
*Thailand, Khon Kaen	1	**0.0**	*0.04*	–	-	0	**-**	-	–	-
Thailand, Lampang	1	**0.1**	*0.06*	0.00	*0.00*	1	**0.1**	*0.07*	0.00	*0.00*
*Thailand, Songkhla	0	**-**	-	–	-	0	**-**	-	–	-
*Turkey, Antalya	26	**0.7**	*0.15*	0.09	*0.02*	20	**0.6**	*0.13*	0.07	*0.02*
*Turkey, Edirne	4	**0.4**	*0.20*	0.04	*0.03*	0	**-**	-	–	-
*Turkey, Izmir	54	**0.6**	*0.08*	0.05	*0.01*	20	**0.2**	*0.04*	0.02	*0.01*
*Turkey, Trabzon	10	**0.8**	*0.26*	0.11	*0.04*	5	**0.3**	*0.16*	0.04	*0.02*
Europe										
Austria	18	**0.1**	*0.01*	0.01	*0.00*	4	**0.0**	*0.00*	0.00	*0.00*
Austria, Tyrol	2	**0.1**	*0.04*	0.01	*0.01*	1	**0.0**	*0.01*	–	-
Austria, Vorarlberg	1	**0.0**	*0.05*	–	-	0	**-**	-	–	-
*Belarus	58	**0.2**	*0.02*	0.02	*0.00*	21	**0.0**	*0.01*	0.00	*0.00*
*Belgium	99	**0.3**	*0.04*	0.03	*0.00*	33	**0.1**	*0.02*	0.01	*0.00*
Bulgaria	29	**0.1**	*0.02*	0.01	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Croatia	27	**0.1**	*0.03*	0.02	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
Cyprus	9	**0.3**	*0.12*	0.03	*0.02*	4	**0.1**	*0.08*	0.02	*0.01*
Czech Republic	35	**0.1**	*0.02*	0.01	*0.00*	18	**0.0**	*0.01*	0.00	*0.00*
Denmark	21	**0.1**	*0.03*	0.01	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
*Estonia	0	**-**	-	–	-	4	**0.0**	*0.03*	0.00	*0.00*
Finland	42	**0.2**	*0.03*	0.01	*0.00*	34	**0.1**	*0.01*	0.00	*0.00*
*France, Bas−Rhin	3	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
*France, Calvados	0	**-**	-	–	-	0	**-**	-	–	-
*France, Doubs	0	**-**	-	–	-	0	**-**	-	–	-
*France, Haut−Rhin	5	**0.2**	*0.08*	0.02	*0.01*	1	**0.1**	*0.07*	0.00	*0.00*
*France, Hérault	2	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	–	-
*France, Isère	3	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
*France, Loire−Atlantique	2	**0.0**	*0.03*	0.01	*0.00*	1	**0.0**	*0.03*	0.00	*0.00*
*France, Manche	1	**0.0**	*0.04*	0.01	*0.01*	0	**-**	-	–	-
*France, Somme	3	**0.1**	*0.08*	0.01	*0.01*	2	**0.2**	*0.11*	0.01	*0.01*
*France, Tarn	2	**0.2**	*0.13*	0.02	*0.01*	0	**-**	-	–	-
*France, Vendée	0	**-**	-	–	-	0	**-**	-	–	-
Germany, Brandenburg	7	**0.1**	*0.03*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
Germany, Bremen	8	**0.4**	*0.13*	0.04	*0.01*	0	**-**	-	–	-
Germany, Free State of Saxony	5	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Germany, Hamburg	20	**0.3**	*0.07*	0.03	*0.01*	7	**0.1**	*0.04*	0.01	*0.00*
Germany, Mecklenburg−Western Pomerania	2	**0.0**	*0.02*	0.00	*0.00*	3	**0.0**	*0.01*	–	-
Germany, Munich	9	**0.1**	*0.02*	0.01	*0.00*	2	**0.0**	*0.00*	–	-
Germany, North Rhine−Westphalia	13	**0.1**	*0.04*	0.01	*0.00*	1	**0.0**	*0.00*	–	-
Germany, Saarland	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
Germany, Schleswig−Holstein	6	**0.0**	*0.02*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
Iceland	12	**0.8**	*0.25*	0.05	*0.03*	4	**0.2**	*0.12*	0.01	*0.01*
Ireland	19	**0.2**	*0.04*	0.02	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
Italy, Biella	5	**0.6**	*0.28*	0.04	*0.02*	5	**0.3**	*0.19*	0.03	*0.02*
Italy, Brescia	71	**1.9**	*0.23*	0.20	*0.03*	31	**0.5**	*0.12*	0.05	*0.01*
Italy, Catania and Messina	37	**0.8**	*0.14*	0.08	*0.02*	19	**0.3**	*0.08*	0.03	*0.01*
Italy, Catanzaro	20	**1.7**	*0.42*	0.20	*0.06*	9	**0.5**	*0.17*	0.05	*0.03*
Italy, Como	27	**1.0**	*0.21*	0.11	*0.03*	11	**0.2**	*0.09*	0.03	*0.01*
Italy, Ferrara	20	**1.1**	*0.27*	0.13	*0.03*	10	**0.2**	*0.09*	0.03	*0.02*
Italy, Florence and Prato	33	**1.0**	*0.19*	0.11	*0.02*	6	**0.2**	*0.09*	0.02	*0.01*
Italy, Friuli−Venezia Giulia	30	**0.5**	*0.09*	0.06	*0.01*	8	**0.1**	*0.06*	0.01	*0.01*
Italy, Genoa	50	**1.4**	*0.23*	0.13	*0.02*	22	**0.4**	*0.10*	0.05	*0.01*
Italy, Latina	7	**0.3**	*0.14*	0.04	*0.02*	3	**0.1**	*0.03*	–	-
Italy, Lecco	10	**0.8**	*0.26*	0.09	*0.03*	2	**0.2**	*0.12*	0.02	*0.01*
Italy, Lombardy, South	35	**1.7**	*0.30*	0.16	*0.04*	13	**0.4**	*0.12*	0.06	*0.02*
Italy, Mantua	9	**0.8**	*0.28*	0.08	*0.03*	4	**0.1**	*0.05*	–	-
Italy, Milan	59	**1.4**	*0.19*	0.12	*0.02*	21	**0.2**	*0.05*	0.02	*0.01*
Italy, Modena	25	**0.9**	*0.19*	0.10	*0.02*	14	**0.3**	*0.08*	0.04	*0.01*
Italy, Naples	15	**0.8**	*0.22*	0.10	*0.03*	8	**0.3**	*0.13*	0.04	*0.02*
Italy, Nuoro	12	**0.9**	*0.27*	0.12	*0.05*	6	**0.3**	*0.13*	0.06	*0.03*
Italy, Palermo	36	**0.8**	*0.15*	0.11	*0.02*	13	**0.2**	*0.06*	0.02	*0.01*
Italy, Parma	18	**1.0**	*0.26*	0.10	*0.03*	1	**0.0**	*0.03*	0.01	*0.01*
Italy, Ragusa	13	**0.8**	*0.24*	0.10	*0.04*	4	**0.1**	*0.08*	0.03	*0.02*
Italy, Reggio Emilia	42	**1.6**	*0.27*	0.16	*0.04*	16	**0.4**	*0.13*	0.04	*0.02*
Italy, Romagna	55	**1.0**	*0.15*	0.10	*0.02*	19	**0.2**	*0.05*	0.02	*0.01*
Italy, Salerno	35	**0.7**	*0.14*	0.06	*0.02*	18	**0.3**	*0.09*	0.04	*0.01*
Italy, Sassari	46	**2.1**	*0.33*	0.19	*0.04*	20	**0.5**	*0.13*	0.06	*0.02*
Italy, Sondrio	9	**1.1**	*0.38*	0.17	*0.06*	2	**0.2**	*0.15*	0.02	*0.02*
Italy, South Tyrol	6	**0.5**	*0.20*	0.04	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kaposi sarcoma (C46) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	11	**0.6**	*0.20*	0.08	*0.03*	6	**0.2**	*0.08*	0.02	*0.01*
Italy, Trapani	16	**0.7**	*0.20*	0.08	*0.03*	9	**0.4**	*0.15*	0.04	*0.02*
Italy, Trento	12	**0.8**	*0.23*	0.09	*0.03*	8	**0.1**	*0.05*	–	-
Italy, Turin	73	**1.7**	*0.21*	0.20	*0.03*	25	**0.4**	*0.10*	0.05	*0.01*
Italy, Umbria	12	**0.3**	*0.09*	0.02	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
Italy, Varese	39	**1.0**	*0.17*	0.08	*0.02*	13	**0.2**	*0.06*	0.02	*0.01*
Italy, Veneto	45	**0.5**	*0.08*	0.05	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
Latvia	9	**0.2**	*0.05*	0.02	*0.01*	3	**0.0**	*0.03*	0.00	*0.00*
Lithuania	15	**0.1**	*0.03*	0.01	*0.00*	9	**0.1**	*0.03*	0.01	*0.00*
Malta	0	**-**	-	–	-	0	**-**	-	–	-
*The Netherlands	200	**0.4**	*0.03*	0.03	*0.00*	34	**0.1**	*0.01*	0.00	*0.00*
*The Netherlands, Eindhoven	8	**0.2**	*0.09*	0.02	*0.01*	1	**0.0**	*0.01*	–	-
Norway	35	**0.2**	*0.03*	0.02	*0.00*	15	**0.0**	*0.01*	0.00	*0.00*
Poland, Cracow	1	**0.0**	*0.05*	0.00	*0.00*	2	**0.0**	*0.02*	–	-
Poland, Kielce	0	**-**	-	–	-	3	**0.0**	*0.02*	0.00	*0.00*
Poland, Lower Silesia	4	**0.0**	*0.02*	0.01	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
Poland, Podkarpackie	2	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
Portugal, Azores	4	**0.6**	*0.30*	0.08	*0.04*	11	**0.8**	*0.28*	0.08	*0.04*
Russian Federation, Saint Petersburg	15	**0.1**	*0.03*	0.01	*0.00*	9	**0.0**	*0.01*	0.00	*0.00*
*Serbia, Central	6	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.00*	–	-
Slovakia	13	**0.1**	*0.02*	0.01	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Slovenia	6	**0.1**	*0.03*	0.01	*0.00*	0	**-**	-	–	-
Spain, Albacete	11	**0.6**	*0.21*	0.05	*0.02*	6	**0.1**	*0.05*	–	-
Spain, Asturias	37	**0.9**	*0.15*	0.09	*0.02*	10	**0.1**	*0.06*	0.01	*0.01*
Spain, Basque Country	69	**0.9**	*0.11*	0.08	*0.01*	27	**0.2**	*0.05*	0.02	*0.01*
Spain, Canary Islands	32	**0.7**	*0.13*	0.07	*0.01*	5	**0.1**	*0.05*	0.01	*0.00*
Spain, Ciudad Real	10	**0.4**	*0.16*	0.05	*0.02*	6	**0.2**	*0.10*	0.02	*0.01*
Spain, Cuenca	2	**0.2**	*0.16*	0.03	*0.02*	0	**-**	-	–	-
Spain, Girona	16	**0.7**	*0.20*	0.05	*0.02*	5	**0.3**	*0.11*	0.02	*0.01*
*Spain, Granada	15	**0.5**	*0.13*	0.04	*0.01*	4	**0.1**	*0.07*	0.02	*0.01*
Spain, La Rioja	4	**0.3**	*0.17*	0.05	*0.03*	1	**0.0**	*0.02*	–	-
Spain, Mallorca	27	**1.0**	*0.20*	0.10	*0.02*	1	**0.0**	*0.01*	–	-
Spain, Murcia	23	**0.5**	*0.12*	0.05	*0.01*	5	**0.1**	*0.05*	0.01	*0.00*
Spain, Navarra	11	**0.4**	*0.13*	0.04	*0.02*	3	**0.1**	*0.05*	0.01	*0.01*
Spain, Tarragona	19	**0.7**	*0.17*	0.08	*0.02*	2	**0.1**	*0.05*	0.00	*0.00*
*Sweden	62	**0.1**	*0.02*	0.01	*0.00*	20	**0.0**	*0.01*	0.00	*0.00*
Switzerland, Basel	4	**0.2**	*0.10*	0.01	*0.01*	2	**0.1**	*0.09*	0.01	*0.01*
Switzerland, Geneva	26	**1.7**	*0.35*	0.17	*0.04*	7	**0.4**	*0.19*	0.03	*0.02*
Switzerland, Graubünden and Glarus	4	**0.3**	*0.15*	0.01	*0.01*	2	**0.1**	*0.09*	0.02	*0.02*
Switzerland, Neuchâtel	1	**0.1**	*0.08*	–	-	2	**0.3**	*0.23*	0.04	*0.03*
Switzerland, St Gall–Appenzell	1	**0.1**	*0.06*	0.01	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*
Switzerland, Ticino	7	**0.6**	*0.22*	0.06	*0.02*	0	**-**	-	–	-
Switzerland, Valais	1	**0.1**	*0.10*	0.01	*0.01*	1	**0.1**	*0.12*	0.01	*0.01*
Switzerland, Vaud	23	**1.1**	*0.23*	0.12	*0.03*	5	**0.3**	*0.14*	0.02	*0.01*
Switzerland, Zurich	33	**0.7**	*0.13*	0.07	*0.01*	2	**0.1**	*0.04*	0.00	*0.00*
Ukraine	121	**0.1**	*0.01*	0.01	*0.00*	57	**0.0**	*0.00*	0.00	*0.00*
UK, England	510	**0.3**	*0.01*	0.03	*0.00*	118	**0.1**	*0.01*	0.01	*0.00*
UK, England, East of England Region	29	**0.2**	*0.03*	0.02	*0.00*	9	**0.1**	*0.02*	0.00	*0.00*
UK, England, North Western	63	**0.3**	*0.04*	0.03	*0.00*	8	**0.0**	*0.02*	0.00	*0.00*
UK, England, Northern and Yorkshire	25	**0.1**	*0.03*	0.01	*0.00*	11	**0.1**	*0.02*	0.00	*0.00*
UK, England, Oxford Region	13	**0.2**	*0.04*	0.01	*0.00*	8	**0.1**	*0.04*	0.01	*0.00*
UK, England, South and Western Regions	30	**0.1**	*0.02*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
UK, England, Thames	301	**0.8**	*0.05*	0.07	*0.00*	55	**0.1**	*0.02*	0.01	*0.00*
UK, England, Trent	16	**0.2**	*0.04*	0.02	*0.00*	9	**0.1**	*0.04*	0.01	*0.00*
UK, England, West Midlands	27	**0.2**	*0.03*	0.02	*0.00*	10	**0.1**	*0.02*	0.00	*0.00*
UK, Northern Ireland	6	**0.1**	*0.05*	0.01	*0.00*	0	**-**	-	–	-
UK, Scotland	18	**0.1**	*0.03*	0.01	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
UK, Wales	11	**0.1**	*0.04*	0.01	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
Oceania										
Australian Capital Territory	2	**0.2**	*0.13*	0.02	*0.01*	2	**0.1**	*0.09*	0.01	*0.01*
Australia, New South Wales	124	**0.5**	*0.05*	0.05	*0.01*	20	**0.1**	*0.01*	0.01	*0.00*
Australia, Northern Territory	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Northern Territory: Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Queensland	24	**0.2**	*0.04*	0.02	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
South Australia	10	**0.2**	*0.06*	0.02	*0.01*	3	**0.0**	*0.03*	0.01	*0.00*
Australia, Tasmania	1	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	–	-
Australia, Victoria	73	**0.4**	*0.05*	0.04	*0.01*	15	**0.1**	*0.02*	0.01	*0.00*
Western Australia	14	**0.2**	*0.05*	0.01	*0.01*	5	**0.0**	*0.01*	–	-
New Zealand	20	**0.2**	*0.04*	0.02	*0.00*	3	**0.0**	*0.01*	–	-
New Zealand: Maori	0	**-**	-	–	-	0	**-**	-	–	-
New Zealand: Pacific Islander	1	**0.2**	*0.20*	0.03	*0.03*	1	**0.2**	*0.19*	–	-
New Zealand: Other	19	**0.2**	*0.04*	0.02	*0.00*	2	**0.0**	*0.00*	–	-
USA, Hawaii	27	**0.7**	*0.13*	0.05	*0.01*	3	**0.0**	*0.03*	0.00	*0.00*
*USA, Hawaii: Chinese	1	**0.6**	*0.56*	0.05	*0.05*	1	**0.1**	*0.09*	–	-
*USA, Hawaii: Filipino	1	**0.1**	*0.06*	–	-	0	**-**	-	–	-
*USA, Hawaii: Hawaiian	1	**0.1**	*0.12*	–	-	0	**-**	-	–	-
*USA, Hawaii: Japanese	1	**0.1**	*0.10*	0.01	*0.01*	0	**-**	-	–	-
*USA, Hawaii: White	18	**1.5**	*0.36*	0.12	*0.03*	2	**0.1**	*0.11*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Connective and soft tissue (C47+C49)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	26	**0.8**	*0.17*	–	-	18	**0.6**	*0.15*	–	-
Egypt, Gharbiah	205	**2.4**	*0.18*	0.23	*0.02*	170	**2.0**	*0.16*	0.18	*0.02*
*Libya, Benghazi	41	**2.4**	*0.41*	0.24	*0.05*	38	**2.3**	*0.40*	0.23	*0.05*
*Malawi, Blantyre	49	**2.4**	*0.44*	0.21	*0.06*	37	**2.3**	*0.47*	0.22	*0.06*
*South Africa, PROMEC	14	**0.9**	*0.26*	0.09	*0.03*	10	**0.4**	*0.14*	0.04	*0.01*
*Tunisia, North	124	**1.8**	*0.16*	0.16	*0.02*	77	**1.1**	*0.13*	0.11	*0.02*
*Uganda, Kyadondo County	65	**2.4**	*0.41*	0.21	*0.05*	60	**2.8**	*0.49*	0.31	*0.07*
*Zimbabwe, Harare: African	37	**2.4**	*0.50*	0.28	*0.07*	25	**1.7**	*0.48*	0.21	*0.08*
America, Central and South										
Argentina, Bahía Blanca	18	**2.0**	*0.55*	0.16	*0.06*	21	**2.0**	*0.51*	0.21	*0.06*
Argentina, Córdoba	61	**2.3**	*0.29*	0.24	*0.04*	47	**1.4**	*0.21*	0.15	*0.03*
Argentina, Mendoza	92	**2.1**	*0.23*	0.19	*0.02*	115	**2.3**	*0.23*	0.22	*0.03*
*Argentina, Tierra del Fuego	2	**1.0**	*0.80*	0.15	*0.13*	3	**1.7**	*1.07*	0.06	*0.05*
Brazil, Aracaju	18	**2.3**	*0.59*	0.22	*0.08*	16	**1.8**	*0.48*	0.20	*0.06*
Brazil, Belo Horizonte	50	**1.6**	*0.23*	0.17	*0.03*	61	**1.6**	*0.20*	0.18	*0.03*
Brazil, Cuiabá	27	**2.2**	*0.45*	0.17	*0.04*	18	**1.5**	*0.41*	0.13	*0.05*
Brazil, Fortaleza	79	**2.2**	*0.26*	0.18	*0.03*	60	**1.3**	*0.18*	0.13	*0.02*
Brazil, Goiânia	63	**2.8**	*0.36*	0.29	*0.05*	66	**2.4**	*0.30*	0.21	*0.03*
*Brazil, São Paulo	614	**2.5**	*0.11*	0.25	*0.01*	599	**2.0**	*0.09*	0.19	*0.01*
Chile, Region of Antofagasta	12	**1.0**	*0.30*	0.11	*0.04*	16	**1.2**	*0.31*	0.11	*0.04*
Chile, Bío Bío Province	16	**1.5**	*0.39*	0.14	*0.05*	13	**1.2**	*0.34*	0.11	*0.04*
Chile, Valdivia	25	**2.3**	*0.46*	0.26	*0.07*	22	**2.0**	*0.45*	0.17	*0.05*
Colombia, Bucaramanga	62	**2.7**	*0.35*	0.31	*0.05*	64	**2.3**	*0.30*	0.22	*0.03*
Colombia, Cali	125	**2.8**	*0.26*	0.29	*0.03*	143	**2.5**	*0.22*	0.25	*0.03*
Colombia, Manizales	18	**2.0**	*0.49*	0.21	*0.06*	18	**1.8**	*0.43*	0.18	*0.05*
Colombia, Pasto	32	**4.1**	*0.74*	0.39	*0.09*	15	**1.6**	*0.42*	0.18	*0.06*
Costa Rica	188	**1.9**	*0.14*	0.20	*0.02*	163	**1.6**	*0.13*	0.15	*0.02*
Cuba, Villa Clara	49	**2.3**	*0.35*	0.24	*0.04*	40	**1.7**	*0.29*	0.16	*0.03*
Ecuador, Cuenca	18	**2.2**	*0.54*	0.26	*0.07*	21	**1.8**	*0.40*	0.17	*0.05*
Ecuador, Quito	117	**3.6**	*0.35*	0.37	*0.05*	104	**2.9**	*0.29*	0.31	*0.04*
*France, Martinique	20	**1.8**	*0.44*	0.18	*0.05*	25	**1.8**	*0.40*	0.14	*0.04*
*Jamaica, Kingston and St Andrew	28	**2.0**	*0.40*	0.21	*0.05*	33	**2.0**	*0.36*	0.20	*0.04*
USA, Puerto Rico	185	**1.5**	*0.12*	0.15	*0.01*	186	**1.4**	*0.11*	0.14	*0.01*
Uruguay	115	**1.9**	*0.19*	0.21	*0.02*	102	**1.4**	*0.16*	0.14	*0.02*
America, North										
Canada	2833	**2.6**	*0.05*	0.25	*0.01*	2183	**1.9**	*0.05*	0.18	*0.00*
Canada, Alberta	254	**2.5**	*0.16*	0.28	*0.02*	178	**1.7**	*0.14*	0.15	*0.01*
Canada, British Columbia	326	**2.1**	*0.13*	0.22	*0.01*	235	**1.5**	*0.11*	0.14	*0.01*
Canada, Manitoba	91	**2.4**	*0.28*	0.21	*0.03*	78	**2.0**	*0.26*	0.18	*0.03*
Canada, New Brunswick	98	**3.9**	*0.46*	0.35	*0.04*	47	**1.6**	*0.30*	0.15	*0.03*
Canada, Newfoundland and Labrador	30	**1.7**	*0.33*	0.18	*0.04*	39	**2.0**	*0.36*	0.20	*0.04*
*Canada, Northwest Territories	2	**1.3**	*0.92*	0.14	*0.10*	0	**-**	-	–	-
Canada, Nova Scotia	96	**2.7**	*0.30*	0.25	*0.03*	83	**2.3**	*0.30*	0.22	*0.03*
Canada, Ontario	1231	**3.0**	*0.09*	0.29	*0.01*	957	**2.2**	*0.08*	0.21	*0.01*
Canada, Prince Edward Island	8	**1.6**	*0.58*	0.18	*0.07*	7	**1.5**	*0.80*	0.13	*0.06*
*Canada, Quebec	609	**2.3**	*0.10*	0.22	*0.01*	489	**1.8**	*0.10*	0.17	*0.01*
Canada, Saskatchewan	83	**2.1**	*0.26*	0.22	*0.03*	67	**1.5**	*0.23*	0.14	*0.02*
*Canada, Yukon	5	**5.2**	*2.41*	0.79	*0.42*	3	**3.4**	*2.00*	0.52	*0.38*
USA, NPCR (42 states)	23639	**2.8**	*0.02*	0.28	*0.00*	19209	**2.1**	*0.02*	0.20	*0.00*
USA, NPCR (42 states): American Indian	112	**1.6**	*0.15*	0.16	*0.02*	94	**1.3**	*0.14*	0.13	*0.02*
USA, NPCR (42 states): Asian and Pacific Islander	449	**1.5**	*0.07*	0.14	*0.01*	446	**1.2**	*0.06*	0.12	*0.01*
USA, NPCR (42 states): Black	2166	**2.5**	*0.06*	0.24	*0.01*	2459	**2.4**	*0.05*	0.24	*0.01*
USA, NPCR (42 states): White	20395	**2.8**	*0.02*	0.28	*0.00*	15842	**2.1**	*0.02*	0.20	*0.00*
USA, SEER (9 registries)	2618	**3.0**	*0.06*	0.28	*0.01*	2035	**2.1**	*0.05*	0.20	*0.01*
*USA, SEER (9 registries): Black	215	**2.5**	*0.18*	0.23	*0.02*	241	**2.4**	*0.16*	0.23	*0.02*
*USA, SEER (9 registries): White	2205	**3.1**	*0.07*	0.30	*0.01*	1580	**2.1**	*0.06*	0.20	*0.01*
USA, SEER (18 registries)	7528	**3.0**	*0.04*	0.29	*0.00*	5790	**2.1**	*0.03*	0.20	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	385	**1.8**	*0.10*	0.17	*0.01*	381	**1.6**	*0.09*	0.15	*0.01*
*USA, SEER (18 registries): Black	632	**2.6**	*0.11*	0.24	*0.01*	699	**2.4**	*0.09*	0.23	*0.01*
*USA, SEER (18 registries): Hispanic White	843	**2.4**	*0.09*	0.24	*0.01*	763	**2.1**	*0.08*	0.20	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	5506	**3.2**	*0.05*	0.31	*0.01*	3840	**2.1**	*0.04*	0.20	*0.00*
*USA, SEER (18 registries): White	6349	**3.1**	*0.04*	0.30	*0.00*	4603	**2.1**	*0.03*	0.20	*0.00*
USA, Alabama	413	**2.8**	*0.15*	0.27	*0.02*	359	**2.3**	*0.14*	0.22	*0.01*
USA, Alabama: Black	84	**2.9**	*0.32*	0.29	*0.04*	114	**3.1**	*0.30*	0.30	*0.03*
USA, Alabama: White	317	**2.7**	*0.17*	0.25	*0.02*	238	**2.0**	*0.15*	0.19	*0.01*
USA, Alaska	66	**3.7**	*0.48*	0.35	*0.05*	38	**2.2**	*0.37*	0.21	*0.04*
*USA, Alaska: American Indian	8	**2.7**	*0.96*	0.22	*0.08*	4	**1.4**	*0.74*	0.17	*0.10*
USA, Arizona	456	**2.3**	*0.12*	0.23	*0.01*	412	**2.0**	*0.11*	0.19	*0.01*
USA, Arizona: American Indian	20	**2.5**	*0.56*	0.18	*0.04*	9	**1.1**	*0.38*	0.12	*0.05*
USA, Arizona: Asian and Pacific Islander	2	**0.4**	*0.29*	0.01	*0.01*	4	**1.0**	*0.51*	0.08	*0.04*
USA, Arizona: Black	10	**1.5**	*0.47*	0.11	*0.04*	15	**2.6**	*0.69*	0.25	*0.08*
USA, Arizona: White	415	**2.3**	*0.12*	0.24	*0.01*	382	**2.0**	*0.12*	0.19	*0.01*
USA, Arkansas	240	**2.8**	*0.20*	0.25	*0.02*	215	**2.2**	*0.17*	0.19	*0.02*
USA, Arkansas: Black	30	**2.8**	*0.52*	0.23	*0.06*	31	**2.6**	*0.48*	0.25	*0.05*
USA, Arkansas: White	205	**2.8**	*0.22*	0.25	*0.02*	183	**2.2**	*0.19*	0.19	*0.02*
USA, California	3275	**3.0**	*0.06*	0.29	*0.01*	2388	**2.1**	*0.05*	0.20	*0.00*
USA, California: American Indian	16	**1.5**	*0.38*	0.15	*0.05*	5	**0.5**	*0.22*	0.07	*0.04*
USA, California: Asian and Pacific Islander	214	**1.7**	*0.12*	0.15	*0.01*	222	**1.4**	*0.10*	0.13	*0.01*
USA, California: Black	175	**2.6**	*0.20*	0.23	*0.02*	155	**2.1**	*0.17*	0.20	*0.02*
USA, California: White	2764	**3.1**	*0.06*	0.31	*0.01*	1941	**2.1**	*0.05*	0.20	*0.01*
USA, California, Los Angeles County	789	**2.8**	*0.10*	0.28	*0.01*	599	**1.9**	*0.08*	0.18	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	71	**1.7**	*0.22*	0.16	*0.03*	62	**1.4**	*0.20*	0.13	*0.02*
*USA, California, Los Angeles County: Black	62	**2.4**	*0.31*	0.22	*0.03*	70	**2.0**	*0.26*	0.21	*0.03*
*USA, California, Los Angeles County: Chinese	25	**1.8**	*0.42*	0.18	*0.05*	13	**0.9**	*0.32*	0.08	*0.03*
*USA, California, Los Angeles County: Filipino	11	**1.4**	*0.44*	0.14	*0.05*	14	**1.3**	*0.37*	0.14	*0.04*
*USA, California, Los Angeles County: Hispanic White	213	**2.2**	*0.16*	0.24	*0.02*	198	**1.8**	*0.14*	0.17	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Connective and soft tissue (C47+C49) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	11	**2.7**	*1.20*	0.17	*0.08*	7	**1.4**	*0.61*	0.14	*0.06*
*USA, California, Los Angeles County: Korean	8	**1.2**	*0.45*	0.13	*0.06*	5	**0.8**	*0.39*	0.09	*0.04*
*USA, California, Los Angeles County: Non−Hispanic White	426	**3.4**	*0.20*	0.34	*0.02*	255	**2.0**	*0.16*	0.20	*0.02*
*USA, California, Los Angeles County: White	639	**3.0**	*0.12*	0.30	*0.02*	453	**2.0**	*0.10*	0.19	*0.01*
USA, California, San Francisco Bay Area	377	**2.8**	*0.16*	0.26	*0.02*	300	**1.9**	*0.13*	0.18	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	40	**1.4**	*0.24*	0.14	*0.03*	64	**1.7**	*0.23*	0.15	*0.02*
*USA, California, San Francisco Bay Area: Black	25	**2.4**	*0.50*	0.18	*0.05*	32	**2.3**	*0.45*	0.24	*0.05*
*USA, California, San Francisco Bay Area: Hispanic White	40	**2.3**	*0.38*	0.19	*0.04*	37	**2.0**	*0.35*	0.17	*0.04*
*USA, California, San Francisco Bay Area: Non−Hispanic White	265	**3.4**	*0.25*	0.32	*0.03*	166	**1.9**	*0.18*	0.19	*0.02*
*USA, California, San Francisco Bay Area: White	305	**3.2**	*0.20*	0.30	*0.02*	203	**1.9**	*0.16*	0.19	*0.02*
USA, Colorado	363	**2.6**	*0.14*	0.26	*0.02*	283	**1.9**	*0.12*	0.19	*0.01*
USA, Colorado: Asian and Pacific Islander	10	**3.5**	*1.14*	0.37	*0.14*	4	**1.0**	*0.52*	0.14	*0.09*
USA, Colorado: Black	6	**1.2**	*0.51*	0.17	*0.08*	11	**2.2**	*0.67*	0.23	*0.08*
USA, Colorado: White	337	**2.6**	*0.15*	0.25	*0.02*	265	**1.9**	*0.12*	0.19	*0.01*
USA, Connecticut	366	**3.2**	*0.18*	0.29	*0.02*	301	**2.2**	*0.15*	0.21	*0.02*
*USA, Connecticut: Black	22	**2.4**	*0.51*	0.22	*0.05*	33	**3.0**	*0.53*	0.29	*0.06*
*USA, Connecticut: White	335	**3.2**	*0.20*	0.30	*0.02*	264	**2.2**	*0.17*	0.21	*0.02*
USA, Delaware	81	**2.9**	*0.35*	0.26	*0.04*	70	**2.5**	*0.34*	0.21	*0.03*
USA, Delaware: Black	12	**2.7**	*0.79*	0.19	*0.08*	15	**2.8**	*0.77*	0.21	*0.06*
USA, Delaware: White	66	**2.7**	*0.37*	0.26	*0.04*	52	**2.3**	*0.38*	0.20	*0.03*
USA, Florida	1866	**2.8**	*0.07*	0.28	*0.01*	1494	**2.2**	*0.07*	0.22	*0.01*
USA, Florida: Asian and Pacific Islander	21	**2.1**	*0.46*	0.26	*0.07*	10	**0.8**	*0.26*	0.07	*0.03*
USA, Florida: Black	177	**2.6**	*0.20*	0.24	*0.02*	185	**2.4**	*0.18*	0.26	*0.02*
USA, Florida: White	1646	**2.9**	*0.08*	0.28	*0.01*	1273	**2.2**	*0.08*	0.22	*0.01*
USA, Georgia	730	**2.9**	*0.11*	0.27	*0.01*	618	**2.2**	*0.09*	0.21	*0.01*
USA, Georgia: Asian and Pacific Islander	8	**1.3**	*0.49*	0.16	*0.08*	7	**1.0**	*0.40*	0.10	*0.04*
USA, Georgia: Black	145	**2.3**	*0.19*	0.22	*0.02*	207	**2.7**	*0.19*	0.27	*0.02*
USA, Georgia: White	572	**3.0**	*0.13*	0.29	*0.02*	399	**2.0**	*0.11*	0.19	*0.01*
USA, Georgia, Atlanta	248	**2.9**	*0.19*	0.27	*0.02*	226	**2.5**	*0.17*	0.24	*0.02*
*USA, Georgia, Atlanta: Black	76	**2.7**	*0.33*	0.24	*0.04*	94	**2.9**	*0.31*	0.29	*0.04*
*USA, Georgia, Atlanta: White	164	**3.0**	*0.25*	0.29	*0.03*	122	**2.2**	*0.22*	0.22	*0.02*
USA, Idaho	111	**2.5**	*0.25*	0.24	*0.03*	76	**1.7**	*0.21*	0.17	*0.02*
USA, Illinois	1106	**2.8**	*0.09*	0.28	*0.01*	976	**2.3**	*0.08*	0.22	*0.01*
USA, Illinois: Asian and Pacific Islander	15	**1.2**	*0.31*	0.13	*0.04*	21	**1.4**	*0.32*	0.13	*0.04*
USA, Illinois: Black	123	**2.6**	*0.24*	0.25	*0.03*	167	**2.8**	*0.22*	0.28	*0.03*
USA, Illinois: White	942	**2.8**	*0.10*	0.28	*0.01*	771	**2.2**	*0.09*	0.20	*0.01*
USA, Indiana	509	**2.5**	*0.12*	0.25	*0.01*	459	**2.2**	*0.11*	0.20	*0.01*
USA, Indiana: Black	32	**2.4**	*0.43*	0.26	*0.06*	43	**2.6**	*0.40*	0.23	*0.04*
USA, Indiana: White	463	**2.5**	*0.12*	0.25	*0.01*	407	**2.1**	*0.12*	0.20	*0.01*
USA, Iowa	284	**2.7**	*0.18*	0.28	*0.02*	223	**2.0**	*0.16*	0.19	*0.02*
USA, Kentucky	363	**2.7**	*0.15*	0.27	*0.02*	291	**1.9**	*0.13*	0.18	*0.01*
USA, Louisiana	343	**3.2**	*0.18*	0.32	*0.02*	280	**2.3**	*0.15*	0.22	*0.02*
*USA, Louisiana: Black	79	**2.9**	*0.34*	0.31	*0.04*	110	**3.2**	*0.32*	0.32	*0.04*
*USA, Louisiana: White	260	**3.2**	*0.21*	0.33	*0.03*	170	**1.9**	*0.17*	0.18	*0.02*
*USA, Louisiana, New Orleans	67	**3.1**	*0.40*	0.30	*0.05*	45	**2.1**	*0.37*	0.17	*0.03*
*USA, Louisiana, New Orleans: Black	13	**2.1**	*0.58*	0.22	*0.07*	20	**2.5**	*0.59*	0.19	*0.06*
*USA, Louisiana, New Orleans: White	52	**3.7**	*0.57*	0.35	*0.06*	25	**2.0**	*0.52*	0.17	*0.04*
USA, Maine	126	**2.6**	*0.26*	0.26	*0.03*	104	**2.3**	*0.27*	0.20	*0.02*
USA, Massachusetts	574	**2.8**	*0.13*	0.27	*0.01*	465	**2.0**	*0.11*	0.18	*0.01*
USA, Massachusetts: Asian and Pacific Islander	8	**1.3**	*0.46*	0.18	*0.08*	5	**0.7**	*0.30*	0.11	*0.06*
USA, Massachusetts: Black	18	**1.8**	*0.44*	0.16	*0.05*	21	**1.7**	*0.39*	0.17	*0.05*
USA, Massachusetts: White	534	**2.8**	*0.14*	0.28	*0.02*	433	**2.1**	*0.12*	0.18	*0.01*
USA, Michigan	1015	**3.1**	*0.11*	0.31	*0.01*	806	**2.3**	*0.09*	0.22	*0.01*
USA, Michigan: Asian and Pacific Islander	7	**1.3**	*0.50*	0.16	*0.07*	5	**0.7**	*0.30*	0.06	*0.03*
USA, Michigan: Black	103	**2.9**	*0.29*	0.29	*0.04*	106	**2.4**	*0.25*	0.23	*0.03*
USA, Michigan: White	878	**3.1**	*0.11*	0.31	*0.01*	673	**2.2**	*0.10*	0.22	*0.01*
USA, Michigan, Detroit	369	**2.9**	*0.16*	0.28	*0.02*	307	**2.0**	*0.13*	0.20	*0.01*
*USA, Michigan, Detroit: Black	66	**2.5**	*0.32*	0.22	*0.03*	67	**2.0**	*0.27*	0.18	*0.03*
*USA, Michigan, Detroit: White	290	**2.9**	*0.19*	0.29	*0.02*	232	**2.0**	*0.15*	0.20	*0.02*
USA, Mississippi	237	**2.7**	*0.18*	0.28	*0.02*	178	**1.8**	*0.15*	0.19	*0.02*
USA, Missouri	535	**2.9**	*0.13*	0.27	*0.01*	475	**2.3**	*0.12*	0.22	*0.01*
USA, Missouri: Black	48	**2.9**	*0.43*	0.30	*0.05*	56	**2.7**	*0.38*	0.27	*0.04*
USA, Missouri: White	476	**2.8**	*0.14*	0.27	*0.02*	408	**2.3**	*0.13*	0.22	*0.01*
USA, Montana	79	**2.4**	*0.29*	0.23	*0.03*	68	**1.8**	*0.24*	0.19	*0.03*
USA, Montana: American Indian	4	**2.6**	*1.29*	0.08	*0.06*	5	**3.0**	*1.37*	0.23	*0.11*
USA, Nebraska	163	**2.6**	*0.22*	0.27	*0.03*	123	**1.9**	*0.20*	0.19	*0.02*
USA, Nebraska: Black	8	**4.1**	*1.50*	0.31	*0.12*	6	**3.1**	*1.28*	0.47	*0.22*
USA, Nebraska: White	147	**2.5**	*0.22*	0.25	*0.03*	113	**1.8**	*0.20*	0.18	*0.02*
USA, New Hampshire	129	**3.2**	*0.30*	0.29	*0.03*	94	**2.0**	*0.22*	0.21	*0.03*
USA, New Jersey	817	**2.9**	*0.11*	0.28	*0.01*	701	**2.2**	*0.10*	0.21	*0.01*
*USA, New Jersey: Black	95	**2.9**	*0.30*	0.25	*0.03*	93	**2.4**	*0.26*	0.23	*0.03*
*USA, New Jersey: White	684	**3.0**	*0.12*	0.29	*0.01*	573	**2.2**	*0.11*	0.21	*0.01*
USA, New Mexico	195	**3.1**	*0.24*	0.28	*0.03*	124	**2.0**	*0.20*	0.18	*0.02*
*USA, New Mexico: Hispanic White	51	**2.3**	*0.33*	0.23	*0.04*	41	**1.8**	*0.30*	0.16	*0.03*
*USA, New Mexico: Non−Hispanic White	135	**4.2**	*0.45*	0.37	*0.04*	73	**2.7**	*0.40*	0.22	*0.03*
*USA, New Mexico: White	186	**3.4**	*0.27*	0.31	*0.03*	114	**2.2**	*0.23*	0.19	*0.02*
USA, New York State	1800	**2.9**	*0.07*	0.29	*0.01*	1426	**2.0**	*0.06*	0.19	*0.01*
USA, New York State: Asian and Pacific Islander	42	**1.3**	*0.20*	0.11	*0.02*	46	**1.1**	*0.17*	0.12	*0.02*
USA, New York State: Black	199	**2.3**	*0.17*	0.23	*0.02*	223	**2.0**	*0.14*	0.20	*0.02*
USA, New York State: White	1514	**3.1**	*0.09*	0.31	*0.01*	1128	**2.0**	*0.07*	0.19	*0.01*
USA, North Carolina	733	**2.7**	*0.11*	0.27	*0.01*	624	**2.0**	*0.09*	0.20	*0.01*
USA, North Carolina: American Indian	3	**0.9**	*0.54*	0.05	*0.03*	7	**2.2**	*0.86*	0.23	*0.10*
USA, North Carolina: Asian and Pacific Islander	3	**0.9**	*0.53*	0.08	*0.05*	5	**1.2**	*0.56*	0.07	*0.04*
USA, North Carolina: Black	116	**2.5**	*0.23*	0.22	*0.03*	150	**2.4**	*0.21*	0.26	*0.03*
USA, North Carolina: White	603	**2.8**	*0.12*	0.28	*0.01*	459	**1.9**	*0.10*	0.19	*0.01*
USA, North Dakota	74	**3.4**	*0.44*	0.34	*0.05*	48	**2.0**	*0.32*	0.22	*0.04*
USA, Ohio	1108	**2.9**	*0.09*	0.29	*0.01*	900	**2.1**	*0.08*	0.20	*0.01*
USA, Ohio: Asian and Pacific Islander	5	**1.3**	*0.58*	0.07	*0.04*	2	**0.4**	*0.27*	0.04	*0.03*
USA, Ohio: Black	111	**3.1**	*0.30*	0.28	*0.03*	94	**2.2**	*0.23*	0.22	*0.03*
USA, Ohio: White	954	**2.7**	*0.10*	0.28	*0.01*	781	**2.1**	*0.09*	0.20	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Connective and soft tissue (C47+C49) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	300	**2.6**	*0.16*	0.26	*0.02*	263	**2.2**	*0.15*	0.20	*0.01*
USA, Oklahoma: American Indian	19	**2.4**	*0.56*	0.28	*0.07*	34	**4.0**	*0.70*	0.39	*0.08*
USA, Oklahoma: Black	18	**2.5**	*0.60*	0.25	*0.07*	20	**2.6**	*0.59*	0.27	*0.07*
USA, Oklahoma: White	256	**2.5**	*0.17*	0.25	*0.02*	207	**2.0**	*0.16*	0.17	*0.01*
USA, Oregon	363	**2.9**	*0.16*	0.28	*0.02*	274	**2.0**	*0.14*	0.21	*0.02*
USA, Oregon: Asian and Pacific Islander	0	**-**	-	–	-	4	**1.0**	*0.49*	0.13	*0.08*
USA, Oregon: Black	2	**1.2**	*0.87*	0.13	*0.10*	5	**2.9**	*1.28*	0.37	*0.20*
USA, Oregon: White	352	**3.0**	*0.17*	0.28	*0.02*	254	**2.0**	*0.14*	0.20	*0.02*
USA, Pennsylvania	1292	**3.0**	*0.09*	0.29	*0.01*	1134	**2.3**	*0.08*	0.22	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	17	**2.6**	*0.64*	0.24	*0.07*	3	**0.3**	*0.18*	0.03	*0.02*
USA, Pennsylvania: Black	94	**2.7**	*0.29*	0.27	*0.04*	101	**2.4**	*0.25*	0.25	*0.03*
USA, Pennsylvania: White	1137	**2.9**	*0.10*	0.28	*0.01*	979	**2.2**	*0.09*	0.21	*0.01*
USA, Rhode Island	107	**3.0**	*0.31*	0.29	*0.03*	99	**2.5**	*0.30*	0.24	*0.03*
USA, Rhode Island: Black	4	**2.6**	*1.39*	0.29	*0.19*	6	**3.2**	*1.33*	0.30	*0.15*
USA, Rhode Island: White	102	**3.0**	*0.33*	0.29	*0.04*	91	**2.5**	*0.32*	0.24	*0.03*
USA, South Carolina	379	**2.7**	*0.15*	0.27	*0.02*	280	**1.8**	*0.12*	0.17	*0.01*
USA, South Carolina: Black	69	**2.2**	*0.26*	0.23	*0.03*	79	**1.9**	*0.22*	0.20	*0.03*
USA, South Carolina: White	306	**2.9**	*0.18*	0.28	*0.02*	193	**1.8**	*0.15*	0.16	*0.01*
USA, South Dakota	76	**2.8**	*0.35*	0.27	*0.04*	45	**1.4**	*0.25*	0.13	*0.03*
USA, Tennessee	449	**2.3**	*0.12*	0.23	*0.01*	419	**1.9**	*0.11*	0.19	*0.01*
USA, Tennessee: Black	59	**2.5**	*0.33*	0.24	*0.04*	78	**2.4**	*0.29*	0.24	*0.04*
USA, Tennessee: White	385	**2.3**	*0.12*	0.22	*0.01*	335	**1.9**	*0.12*	0.18	*0.01*
USA, Texas	1723	**2.7**	*0.07*	0.27	*0.01*	1393	**2.0**	*0.06*	0.19	*0.01*
USA, Texas: Asian and Pacific Islander	26	**1.5**	*0.30*	0.16	*0.04*	12	**0.6**	*0.18*	0.08	*0.03*
USA, Texas: Black	161	**2.5**	*0.20*	0.25	*0.02*	170	**2.2**	*0.18*	0.24	*0.02*
USA, Texas: White	1483	**2.7**	*0.07*	0.27	*0.01*	1181	**2.0**	*0.06*	0.18	*0.01*
USA, Utah	224	**3.3**	*0.23*	0.33	*0.03*	160	**2.3**	*0.19*	0.23	*0.02*
USA, Vermont	78	**3.6**	*0.45*	0.39	*0.05*	51	**2.0**	*0.32*	0.20	*0.04*
USA, Virginia	611	**2.7**	*0.11*	0.27	*0.01*	522	**2.0**	*0.10*	0.19	*0.01*
USA, Virginia: Asian and Pacific Islander	9	**1.2**	*0.40*	0.15	*0.06*	17	**1.4**	*0.35*	0.14	*0.04*
USA, Virginia: Black	92	**2.5**	*0.27*	0.25	*0.03*	121	**2.5**	*0.25*	0.22	*0.03*
USA, Virginia: White	498	**2.7**	*0.13*	0.27	*0.02*	373	**1.8**	*0.11*	0.17	*0.01*
USA, Washington State	595	**3.0**	*0.13*	0.28	*0.02*	426	**2.0**	*0.11*	0.18	*0.01*
USA, Washington, Seattle	423	**3.1**	*0.16*	0.30	*0.02*	281	**1.9**	*0.13*	0.16	*0.01*
USA, West Virginia	168	**2.7**	*0.23*	0.27	*0.02*	160	**2.4**	*0.23*	0.21	*0.02*
USA, Wisconsin	479	**2.6**	*0.13*	0.24	*0.01*	437	**2.2**	*0.12*	0.22	*0.01*
USA, Wisconsin: Black	16	**1.9**	*0.49*	0.16	*0.05*	35	**4.1**	*0.71*	0.40	*0.09*
USA, Wisconsin: White	457	**2.7**	*0.14*	0.24	*0.01*	385	**2.0**	*0.12*	0.21	*0.01*
USA, Wyoming	52	**3.0**	*0.45*	0.32	*0.05*	21	**1.2**	*0.30*	0.11	*0.03*
Asia										
Bahrain: Bahraini	17	**1.9**	*0.50*	0.19	*0.06*	7	**0.6**	*0.24*	0.03	*0.01*
China, Beijing City	312	**1.2**	*0.09*	0.12	*0.01*	256	**1.0**	*0.08*	0.10	*0.01*
*China, Cixian County	2	**0.2**	*0.11*	0.02	*0.01*	7	**0.6**	*0.23*	0.05	*0.02*
China, Haining County	14	**0.7**	*0.18*	0.07	*0.02*	17	**1.0**	*0.31*	0.08	*0.02*
*China, Harbin City, Nangang District	12	**0.4**	*0.12*	0.06	*0.02*	6	**0.2**	*0.08*	0.02	*0.01*
China, Hong Kong	327	**1.5**	*0.10*	0.14	*0.01*	273	**1.2**	*0.09*	0.11	*0.01*
China, Jiashan County	12	**0.7**	*0.22*	0.07	*0.03*	18	**1.4**	*0.36*	0.14	*0.04*
China, Jiaxing City	18	**1.4**	*0.34*	0.17	*0.05*	13	**1.3**	*0.41*	0.14	*0.04*
China, Macao	20	**1.8**	*0.42*	0.16	*0.05*	7	**0.4**	*0.18*	0.05	*0.02*
China, Qidong County	11	**0.3**	*0.10*	0.03	*0.01*	6	**0.1**	*0.06*	0.01	*0.01*
*China, Shanghai City	369	**1.6**	*0.11*	0.15	*0.01*	331	**1.4**	*0.10*	0.13	*0.01*
*China, Wuhan City	186	**1.4**	*0.12*	0.15	*0.01*	155	**1.2**	*0.12*	0.11	*0.01*
*China, Yangcheng County	0	**-**	-	–	-	1	**0.1**	*0.09*	0.01	*0.01*
*China, Yanting County	23	**1.6**	*0.36*	0.10	*0.03*	12	**0.8**	*0.22*	0.10	*0.03*
*China, Zhongshan City	32	**1.2**	*0.22*	0.10	*0.02*	26	**0.8**	*0.17*	0.07	*0.02*
*India, Bangalore	87	**1.1**	*0.12*	0.11	*0.02*	61	**0.8**	*0.10*	0.08	*0.01*
*India; Barshi, Paranda, and Bhum	7	**0.6**	*0.24*	0.06	*0.02*	5	**0.4**	*0.20*	0.03	*0.01*
*India, Bhopal	32	**1.3**	*0.23*	0.16	*0.04*	28	**1.0**	*0.20*	0.10	*0.03*
*India, Chennai	132	**1.3**	*0.11*	0.13	*0.01*	115	**1.1**	*0.11*	0.11	*0.01*
*India, Dindigul, Ambilikkai	37	**0.7**	*0.12*	0.08	*0.02*	30	**0.6**	*0.11*	0.06	*0.01*
*India, Karunagappally	12	**1.1**	*0.32*	0.10	*0.04*	12	**0.9**	*0.28*	0.09	*0.03*
*India, Mizoram	31	**1.7**	*0.32*	0.18	*0.05*	21	**1.1**	*0.26*	0.10	*0.03*
*India, Mumbai	316	**1.1**	*0.07*	0.11	*0.01*	252	**0.9**	*0.06*	0.09	*0.01*
*India, New Delhi	499	**1.5**	*0.08*	0.16	*0.01*	348	**1.2**	*0.07*	0.12	*0.01*
*India, Poona	100	**1.1**	*0.12*	0.12	*0.02*	84	**1.0**	*0.11*	0.10	*0.01*
*India, Sikkim State	8	**0.5**	*0.20*	0.05	*0.02*	5	**0.6**	*0.28*	0.05	*0.03*
*India, Trivandrum	19	**1.1**	*0.26*	0.12	*0.03*	22	**1.1**	*0.24*	0.12	*0.03*
*Iran (Islamic Republic of), Golestan Province	39	**2.1**	*0.38*	0.20	*0.04*	44	**2.1**	*0.33*	0.20	*0.04*
Israel	554	**3.1**	*0.14*	0.32	*0.02*	410	**2.1**	*0.11*	0.20	*0.01*
*Israel: Jews	499	**3.2**	*0.15*	0.33	*0.02*	381	**2.2**	*0.12*	0.21	*0.01*
*Israel: Non–Jews	55	**2.3**	*0.33*	0.23	*0.05*	29	**1.0**	*0.21*	0.09	*0.02*
Japan, Aichi Prefecture	62	**1.3**	*0.20*	0.12	*0.02*	41	**1.0**	*0.18*	0.09	*0.02*
Japan, Fukui Prefecture	21	**0.4**	*0.12*	0.05	*0.01*	17	**0.4**	*0.13*	0.03	*0.01*
Japan, Hiroshima	78	**1.7**	*0.21*	0.16	*0.02*	38	**0.8**	*0.17*	0.08	*0.02*
Japan, Miyagi Prefecture	110	**1.2**	*0.13*	0.13	*0.01*	79	**0.8**	*0.11*	0.08	*0.01*
Japan, Nagasaki Prefecture	66	**1.0**	*0.15*	0.10	*0.02*	66	**0.8**	*0.14*	0.08	*0.01*
Japan, Niigata Prefecture	123	**1.4**	*0.15*	0.12	*0.01*	79	**0.9**	*0.14*	0.08	*0.01*
*Japan, Osaka Prefecture	326	**1.1**	*0.07*	0.10	*0.01*	271	**0.8**	*0.06*	0.07	*0.01*
Japan, Saga Prefecture	26	**0.5**	*0.12*	0.06	*0.02*	25	**0.7**	*0.20*	0.06	*0.02*
Republic of Korea	2014	**1.6**	*0.04*	0.16	*0.00*	1621	**1.2**	*0.03*	0.11	*0.00*
Republic of Korea, Busan	155	**1.6**	*0.14*	0.15	*0.02*	119	**1.2**	*0.12*	0.10	*0.01*
Republic of Korea, Daegu	106	**1.7**	*0.18*	0.17	*0.02*	94	**1.3**	*0.15*	0.13	*0.02*
Republic of Korea, Daejeon	53	**1.5**	*0.22*	0.13	*0.02*	51	**1.3**	*0.20*	0.12	*0.02*
Republic of Korea, Gwangju	43	**1.2**	*0.20*	0.14	*0.03*	42	**1.1**	*0.18*	0.10	*0.02*
Republic of Korea, Incheon	80	**1.3**	*0.15*	0.13	*0.02*	77	**1.0**	*0.12*	0.09	*0.01*
Republic of Korea, Jejudo	13	**1.2**	*0.34*	0.11	*0.04*	14	**1.2**	*0.37*	0.10	*0.03*
Republic of Korea, Seoul	453	**1.8**	*0.09*	0.18	*0.01*	325	**1.2**	*0.08*	0.11	*0.01*
Republic of Korea, Ulsan	30	**1.3**	*0.26*	0.16	*0.04*	19	**0.7**	*0.16*	0.07	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Connective and soft tissue (C47+C49) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	70	**0.9**	*0.14*	0.10	*0.02*	23	**0.6**	*0.14*	0.04	*0.01*
*Kuwait: Kuwaitis	20	**1.2**	*0.29*	0.13	*0.04*	12	**0.6**	*0.19*	0.05	*0.02*
*Kuwait: Non−Kuwaitis	50	**0.8**	*0.16*	0.07	*0.02*	11	**0.6**	*0.23*	0.02	*0.01*
*Malaysia, Penang	35	**1.4**	*0.25*	0.12	*0.02*	30	**1.1**	*0.21*	0.13	*0.03*
*Malaysia, Penang: Chinese	18	**1.3**	*0.32*	0.10	*0.03*	18	**1.3**	*0.31*	0.16	*0.04*
*Malaysia, Penang: Indian	1	**0.7**	*0.71*	–	-	2	**0.6**	*0.44*	0.04	*0.03*
*Malaysia, Penang: Malay	15	**1.5**	*0.42*	0.16	*0.05*	10	**0.9**	*0.31*	0.09	*0.04*
*Philippines, Manila	219	**2.4**	*0.18*	0.25	*0.02*	231	**2.0**	*0.14*	0.20	*0.02*
*Philippines, Rizal	180	**1.7**	*0.14*	0.17	*0.02*	209	**1.7**	*0.13*	0.18	*0.02*
Qatar: Qatari	8	**2.1**	*0.80*	0.18	*0.09*	9	**2.4**	*0.87*	0.25	*0.11*
*Saudi Arabia, Riyadh: Saudi	93	**1.3**	*0.15*	0.12	*0.02*	72	**0.9**	*0.12*	0.07	*0.01*
Singapore	178	**1.9**	*0.15*	0.18	*0.02*	128	**1.2**	*0.12*	0.11	*0.01*
Singapore: Chinese	156	**2.1**	*0.18*	0.21	*0.02*	113	**1.4**	*0.15*	0.13	*0.01*
Singapore: Indian	4	**0.5**	*0.25*	0.04	*0.02*	4	**0.7**	*0.34*	0.03	*0.02*
Singapore: Malay	14	**1.1**	*0.31*	0.09	*0.03*	9	**0.7**	*0.26*	0.06	*0.03*
Thailand, Bangkok	185	**1.3**	*0.10*	0.13	*0.01*	171	**1.0**	*0.08*	0.09	*0.01*
Thailand, Chiang Mai	43	**1.1**	*0.17*	0.12	*0.02*	33	**0.8**	*0.15*	0.07	*0.01*
Thailand, Chonburi	44	**1.6**	*0.25*	0.15	*0.03*	35	**1.1**	*0.20*	0.12	*0.02*
*Thailand, Khon Kaen	46	**1.0**	*0.16*	0.10	*0.02*	29	**0.6**	*0.12*	0.06	*0.01*
Thailand, Lampang	21	**0.9**	*0.20*	0.08	*0.02*	20	**0.9**	*0.23*	0.09	*0.02*
*Thailand, Songkhla	34	**1.3**	*0.22*	0.11	*0.02*	25	**0.9**	*0.18*	0.07	*0.02*
*Turkey, Antalya	78	**2.0**	*0.23*	0.21	*0.03*	63	**1.5**	*0.20*	0.14	*0.02*
*Turkey, Edirne	8	**0.8**	*0.29*	0.10	*0.04*	14	**1.6**	*0.47*	0.13	*0.04*
*Turkey, Izmir	186	**2.1**	*0.16*	0.21	*0.02*	179	**1.8**	*0.14*	0.18	*0.02*
*Turkey, Trabzon	25	**2.4**	*0.49*	0.24	*0.05*	21	**1.9**	*0.43*	0.17	*0.04*
Europe										
Austria	603	**2.2**	*0.10*	0.20	*0.01*	529	**1.5**	*0.08*	0.15	*0.01*
Austria, Tyrol	75	**3.4**	*0.43*	0.31	*0.04*	45	**1.6**	*0.29*	0.18	*0.03*
Austria, Vorarlberg	22	**1.7**	*0.38*	0.18	*0.05*	22	**1.1**	*0.28*	0.09	*0.03*
*Belarus	552	**2.0**	*0.09*	0.21	*0.01*	606	**1.6**	*0.08*	0.16	*0.01*
*Belgium	722	**2.4**	*0.10*	0.23	*0.01*	611	**1.9**	*0.09*	0.18	*0.01*
Bulgaria	538	**2.1**	*0.10*	0.21	*0.01*	452	**1.7**	*0.10*	0.16	*0.01*
Croatia	355	**2.5**	*0.15*	0.26	*0.02*	318	**2.0**	*0.14*	0.18	*0.01*
Cyprus	64	**2.8**	*0.37*	0.26	*0.04*	52	**2.1**	*0.33*	0.18	*0.03*
Czech Republic	749	**2.2**	*0.09*	0.22	*0.01*	670	**1.7**	*0.08*	0.16	*0.01*
Denmark	581	**3.0**	*0.14*	0.30	*0.01*	542	**2.6**	*0.13*	0.26	*0.01*
*Estonia	62	**1.6**	*0.23*	0.17	*0.02*	102	**1.8**	*0.23*	0.18	*0.02*
Finland	467	**2.7**	*0.14*	0.26	*0.01*	433	**2.0**	*0.12*	0.19	*0.01*
*France, Bas−Rhin	96	**2.9**	*0.32*	0.26	*0.03*	66	**1.8**	*0.27*	0.15	*0.02*
*France, Calvados	44	**2.2**	*0.37*	0.22	*0.04*	47	**2.0**	*0.37*	0.16	*0.03*
*France, Doubs	36	**2.3**	*0.43*	0.20	*0.04*	37	**2.4**	*0.45*	0.19	*0.04*
*France, Haut−Rhin	44	**1.8**	*0.29*	0.16	*0.03*	44	**1.6**	*0.30*	0.13	*0.03*
*France, Hérault	82	**2.3**	*0.30*	0.23	*0.03*	57	**1.5**	*0.25*	0.14	*0.02*
*France, Isère	79	**2.1**	*0.25*	0.21	*0.03*	61	**1.5**	*0.21*	0.14	*0.02*
*France, Loire−Atlantique	105	**2.7**	*0.28*	0.27	*0.03*	89	**1.9**	*0.24*	0.18	*0.02*
*France, Manche	42	**2.7**	*0.49*	0.24	*0.04*	34	**1.5**	*0.33*	0.15	*0.03*
*France, Somme	48	**2.9**	*0.47*	0.25	*0.04*	26	**1.1**	*0.23*	0.11	*0.03*
*France, Tarn	31	**2.3**	*0.51*	0.23	*0.05*	18	**1.0**	*0.37*	0.09	*0.03*
*France, Vendée	48	**2.5**	*0.41*	0.25	*0.04*	28	**1.2**	*0.29*	0.12	*0.03*
Germany, Brandenburg	215	**2.1**	*0.16*	0.21	*0.02*	198	**1.9**	*0.18*	0.17	*0.01*
Germany, Bremen	64	**2.3**	*0.33*	0.23	*0.04*	57	**1.5**	*0.25*	0.14	*0.03*
Germany, Free State of Saxony	374	**2.3**	*0.15*	0.22	*0.01*	337	**1.6**	*0.12*	0.15	*0.01*
Germany, Hamburg	167	**2.7**	*0.24*	0.27	*0.02*	179	**2.5**	*0.24*	0.23	*0.02*
Germany, Mecklenburg−Western Pomerania	143	**2.5**	*0.27*	0.22	*0.02*	113	**1.5**	*0.20*	0.14	*0.02*
Germany, Munich	337	**2.7**	*0.18*	0.25	*0.02*	313	**2.1**	*0.15*	0.19	*0.01*
Germany, North Rhine−Westphalia	241	**2.7**	*0.21*	0.25	*0.02*	218	**2.3**	*0.20*	0.22	*0.02*
Germany, Saarland	107	**2.4**	*0.27*	0.23	*0.03*	69	**1.3**	*0.21*	0.14	*0.02*
Germany, Schleswig−Holstein	262	**2.4**	*0.18*	0.23	*0.02*	213	**1.9**	*0.17*	0.18	*0.01*
Iceland	27	**3.0**	*0.61*	0.23	*0.05*	23	**2.3**	*0.51*	0.26	*0.06*
Ireland	265	**2.1**	*0.14*	0.21	*0.02*	222	**1.7**	*0.13*	0.15	*0.01*
Italy, Biella	18	**1.9**	*0.47*	0.18	*0.05*	17	**1.2**	*0.42*	0.10	*0.04*
Italy, Brescia	49	**1.7**	*0.28*	0.17	*0.03*	64	**1.8**	*0.28*	0.19	*0.03*
Italy, Catania and Messina	57	**1.8**	*0.28*	0.14	*0.02*	57	**1.7**	*0.27*	0.15	*0.02*
Italy, Catanzaro	25	**3.2**	*0.74*	0.29	*0.07*	14	**1.5**	*0.47*	0.13	*0.04*
Italy, Como	38	**1.9**	*0.34*	0.19	*0.03*	37	**1.5**	*0.31*	0.14	*0.03*
Italy, Ferrara	55	**3.9**	*0.72*	0.39	*0.06*	36	**2.0**	*0.42*	0.21	*0.04*
Italy, Florence and Prato	75	**2.6**	*0.39*	0.22	*0.03*	58	**1.8**	*0.30*	0.19	*0.03*
Italy, Friuli−Venezia Giulia	136	**2.6**	*0.27*	0.26	*0.03*	102	**1.9**	*0.25*	0.18	*0.02*
Italy, Genoa	82	**2.6**	*0.42*	0.26	*0.04*	62	**1.4**	*0.25*	0.16	*0.03*
Italy, Latina	38	**2.0**	*0.35*	0.20	*0.04*	24	**1.3**	*0.34*	0.12	*0.03*
Italy, Lecco	33	**3.1**	*0.64*	0.30	*0.06*	25	**1.8**	*0.49*	0.13	*0.04*
Italy, Lombardy, South	51	**3.6**	*0.68*	0.33	*0.05*	44	**2.4**	*0.52*	0.19	*0.04*
Italy, Mantua	22	**2.2**	*0.60*	0.21	*0.06*	18	**1.3**	*0.36*	0.15	*0.04*
Italy, Milan	99	**2.5**	*0.33*	0.25	*0.03*	102	**1.8**	*0.21*	0.19	*0.02*
Italy, Modena	53	**2.4**	*0.40*	0.24	*0.04*	52	**1.5**	*0.24*	0.14	*0.03*
Italy, Naples	27	**1.7**	*0.33*	0.19	*0.04*	22	**1.1**	*0.26*	0.09	*0.02*
Italy, Nuoro	8	**0.7**	*0.26*	0.09	*0.04*	12	**1.3**	*0.50*	0.10	*0.04*
Italy, Palermo	67	**2.3**	*0.33*	0.20	*0.03*	50	**1.7**	*0.28*	0.14	*0.02*
Italy, Parma	38	**2.2**	*0.47*	0.20	*0.04*	49	**2.7**	*0.52*	0.24	*0.04*
Italy, Ragusa	23	**2.1**	*0.48*	0.24	*0.06*	19	**1.8**	*0.46*	0.18	*0.04*
Italy, Reggio Emilia	47	**2.5**	*0.42*	0.25	*0.04*	43	**1.7**	*0.34*	0.17	*0.03*
Italy, Romagna	127	**3.1**	*0.37*	0.26	*0.03*	85	**1.7**	*0.26*	0.15	*0.02*
Italy, Salerno	74	**2.2**	*0.30*	0.19	*0.03*	59	**1.5**	*0.23*	0.14	*0.02*
Italy, Sassari	51	**2.8**	*0.44*	0.29	*0.05*	23	**1.2**	*0.28*	0.13	*0.03*
Italy, Sondrio	18	**2.9**	*0.76*	0.27	*0.07*	15	**1.4**	*0.41*	0.19	*0.06*
Italy, South Tyrol	25	**2.0**	*0.44*	0.18	*0.04*	26	**1.6**	*0.43*	0.14	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Connective and soft tissue (C47+C49) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	45	**2.8**	*0.46*	0.25	*0.05*	26	**1.7**	*0.40*	0.18	*0.04*
Italy, Trapani	41	**3.0**	*0.56*	0.29	*0.06*	19	**1.3**	*0.33*	0.14	*0.04*
Italy, Trento	42	**2.9**	*0.50*	0.28	*0.05*	44	**3.0**	*0.58*	0.26	*0.05*
Italy, Turin	104	**2.8**	*0.35*	0.28	*0.03*	73	**1.8**	*0.32*	0.16	*0.02*
Italy, Umbria	86	**2.4**	*0.32*	0.23	*0.03*	64	**1.5**	*0.26*	0.14	*0.02*
Italy, Varese	83	**2.7**	*0.35*	0.24	*0.03*	79	**2.3**	*0.37*	0.20	*0.03*
Italy, Veneto	189	**2.6**	*0.23*	0.28	*0.02*	168	**2.3**	*0.22*	0.20	*0.02*
Latvia	99	**1.7**	*0.18*	0.19	*0.02*	126	**1.7**	*0.20*	0.16	*0.02*
Lithuania	183	**1.9**	*0.16*	0.18	*0.02*	185	**1.4**	*0.12*	0.14	*0.01*
Malta	25	**1.9**	*0.43*	0.21	*0.05*	19	**1.3**	*0.36*	0.10	*0.03*
*The Netherlands	1368	**2.5**	*0.07*	0.23	*0.01*	1123	**1.9**	*0.07*	0.18	*0.01*
*The Netherlands, Eindhoven	78	**2.2**	*0.26*	0.20	*0.03*	58	**1.6**	*0.25*	0.15	*0.02*
Norway	381	**2.3**	*0.13*	0.22	*0.01*	349	**2.1**	*0.13*	0.20	*0.01*
Poland, Cracow	33	**2.2**	*0.45*	0.19	*0.04*	22	**1.1**	*0.31*	0.10	*0.02*
Poland, Kielce	64	**1.9**	*0.27*	0.17	*0.02*	59	**1.5**	*0.25*	0.13	*0.02*
Poland, Lower Silesia	140	**1.6**	*0.15*	0.18	*0.02*	130	**1.4**	*0.16*	0.12	*0.01*
Poland, Podkarpackie	112	**2.0**	*0.21*	0.19	*0.02*	91	**1.5**	*0.19*	0.13	*0.02*
Portugal, Azores	15	**2.1**	*0.57*	0.21	*0.07*	15	**1.6**	*0.46*	0.18	*0.06*
Russian Federation, Saint Petersburg	198	**1.5**	*0.12*	0.15	*0.01*	275	**1.4**	*0.11*	0.14	*0.01*
*Serbia, Central	376	**2.0**	*0.12*	0.21	*0.01*	329	**1.6**	*0.10*	0.15	*0.01*
Slovakia	336	**2.2**	*0.13*	0.23	*0.01*	328	**1.7**	*0.11*	0.17	*0.01*
Slovenia	120	**1.8**	*0.18*	0.16	*0.02*	119	**1.5**	*0.16*	0.14	*0.01*
Spain, Albacete	29	**2.2**	*0.44*	0.21	*0.05*	20	**1.5**	*0.41*	0.11	*0.03*
Spain, Asturias	119	**2.4**	*0.24*	0.25	*0.03*	85	**1.5**	*0.23*	0.14	*0.02*
Spain, Basque Country	194	**2.6**	*0.22*	0.24	*0.02*	141	**1.6**	*0.17*	0.15	*0.02*
Spain, Canary Islands	70	**1.8**	*0.23*	0.16	*0.02*	69	**1.4**	*0.18*	0.16	*0.02*
Spain, Ciudad Real	21	**1.3**	*0.31*	0.11	*0.03*	19	**1.3**	*0.36*	0.12	*0.03*
Spain, Cuenca	14	**0.9**	*0.29*	0.13	*0.05*	15	**1.9**	*0.58*	0.20	*0.06*
Spain, Girona	55	**2.5**	*0.39*	0.22	*0.04*	34	**1.6**	*0.34*	0.14	*0.03*
*Spain, Granada	62	**2.2**	*0.30*	0.21	*0.03*	53	**1.9**	*0.30*	0.17	*0.03*
Spain, La Rioja	24	**1.9**	*0.41*	0.21	*0.05*	22	**1.5**	*0.38*	0.17	*0.05*
Spain, Mallorca	48	**1.8**	*0.28*	0.18	*0.03*	31	**1.2**	*0.23*	0.11	*0.02*
Spain, Murcia	85	**2.0**	*0.24*	0.22	*0.03*	70	**1.6**	*0.21*	0.16	*0.02*
Spain, Navarra	53	**2.0**	*0.31*	0.20	*0.04*	31	**1.4**	*0.30*	0.13	*0.03*
Spain, Tarragona	57	**2.4**	*0.38*	0.21	*0.03*	42	**1.5**	*0.27*	0.14	*0.03*
*Sweden	879	**2.7**	*0.11*	0.24	*0.01*	787	**2.2**	*0.10*	0.21	*0.01*
Switzerland, Basel	32	**1.8**	*0.36*	0.18	*0.04*	35	**1.9**	*0.44*	0.19	*0.04*
Switzerland, Geneva	37	**2.4**	*0.43*	0.26	*0.05*	37	**2.1**	*0.41*	0.21	*0.04*
Switzerland, Graubünden and Glarus	23	**2.6**	*0.55*	0.34	*0.08*	17	**1.8**	*0.51*	0.21	*0.06*
Switzerland, Neuchâtel	8	**1.5**	*0.57*	0.19	*0.07*	5	**0.7**	*0.35*	0.08	*0.04*
Switzerland, St Gall–Appenzell	35	**1.9**	*0.36*	0.18	*0.04*	48	**2.9**	*0.50*	0.25	*0.04*
Switzerland, Ticino	19	**1.6**	*0.45*	0.16	*0.04*	15	**1.1**	*0.41*	0.11	*0.04*
Switzerland, Valais	23	**1.8**	*0.39*	0.17	*0.05*	13	**1.3**	*0.47*	0.12	*0.04*
Switzerland, Vaud	52	**2.5**	*0.39*	0.23	*0.04*	48	**2.0**	*0.36*	0.16	*0.03*
Switzerland, Zurich	112	**2.4**	*0.26*	0.22	*0.03*	94	**1.5**	*0.18*	0.15	*0.02*
Ukraine	2693	**2.0**	*0.04*	0.20	*0.00*	3087	**1.6**	*0.04*	0.16	*0.00*
UK, England	4045	**2.2**	*0.04*	0.21	*0.00*	3138	**1.6**	*0.03*	0.16	*0.00*
UK, England, East of England Region	453	**2.2**	*0.12*	0.21	*0.01*	309	**1.4**	*0.09*	0.13	*0.01*
UK, England, North Western	490	**2.1**	*0.10*	0.20	*0.01*	395	**1.6**	*0.10*	0.15	*0.01*
UK, England, Northern and Yorkshire	540	**2.3**	*0.11*	0.22	*0.01*	440	**1.7**	*0.10*	0.17	*0.01*
UK, England, Oxford Region	248	**2.6**	*0.18*	0.26	*0.02*	191	**1.9**	*0.15*	0.19	*0.02*
UK, England, South and Western Regions	760	**2.7**	*0.12*	0.26	*0.01*	577	**1.9**	*0.10*	0.19	*0.01*
UK, England, Thames	784	**2.0**	*0.08*	0.19	*0.01*	644	**1.6**	*0.07*	0.15	*0.01*
UK, England, Trent	240	**2.1**	*0.15*	0.21	*0.02*	177	**1.6**	*0.13*	0.16	*0.01*
UK, England, West Midlands	386	**2.0**	*0.11*	0.19	*0.01*	292	**1.4**	*0.10*	0.13	*0.01*
UK, Northern Ireland	120	**2.3**	*0.22*	0.20	*0.02*	88	**1.4**	*0.17*	0.15	*0.02*
UK, Scotland	395	**2.2**	*0.12*	0.21	*0.01*	323	**1.7**	*0.12*	0.14	*0.01*
UK, Wales	269	**2.4**	*0.17*	0.24	*0.02*	225	**1.9**	*0.15*	0.18	*0.01*
Oceania										
Australian Capital Territory	32	**3.0**	*0.56*	0.29	*0.07*	20	**1.9**	*0.45*	0.16	*0.04*
Australia, New South Wales	480	**2.1**	*0.10*	0.21	*0.01*	372	**1.7**	*0.10*	0.16	*0.01*
Australia, Northern Territory	13	**2.1**	*0.61*	0.19	*0.06*	7	**1.2**	*0.48*	0.08	*0.03*
Australia, Northern Territory: Indigenous	4	**3.0**	*1.58*	0.28	*0.17*	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	9	**1.9**	*0.70*	0.17	*0.06*	7	**1.6**	*0.63*	0.10	*0.04*
Australia, Queensland	360	**2.6**	*0.15*	0.25	*0.02*	265	**2.0**	*0.14*	0.19	*0.01*
South Australia	157	**2.8**	*0.25*	0.28	*0.03*	120	**2.1**	*0.23*	0.21	*0.02*
Australia, Tasmania	40	**2.1**	*0.36*	0.18	*0.04*	34	**1.8**	*0.35*	0.20	*0.04*
Australia, Victoria	436	**2.5**	*0.13*	0.23	*0.01*	335	**1.9**	*0.12*	0.19	*0.01*
Western Australia	170	**2.4**	*0.20*	0.25	*0.02*	108	**1.6**	*0.17*	0.14	*0.02*
New Zealand	429	**3.1**	*0.16*	0.31	*0.02*	287	**1.9**	*0.13*	0.18	*0.01*
New Zealand: Maori	31	**2.6**	*0.50*	0.27	*0.07*	39	**3.3**	*0.55*	0.37	*0.08*
New Zealand: Pacific Islander	12	**3.3**	*1.13*	0.28	*0.10*	14	**2.8**	*0.77*	0.31	*0.10*
New Zealand: Other	386	**3.2**	*0.18*	0.32	*0.02*	234	**1.8**	*0.15*	0.16	*0.01*
USA, Hawaii	132	**2.9**	*0.27*	0.26	*0.03*	113	**2.5**	*0.27*	0.23	*0.03*
*USA, Hawaii: Chinese	6	**2.0**	*0.93*	0.18	*0.11*	4	**1.3**	*0.98*	0.05	*0.05*
*USA, Hawaii: Filipino	19	**3.3**	*0.81*	0.37	*0.11*	22	**3.6**	*0.81*	0.35	*0.09*
*USA, Hawaii: Hawaiian	20	**3.0**	*0.71*	0.35	*0.11*	28	**3.6**	*0.71*	0.37	*0.09*
*USA, Hawaii: Japanese	21	**1.5**	*0.39*	0.09	*0.04*	21	**1.3**	*0.41*	0.14	*0.04*
*USA, Hawaii: White	50	**4.1**	*0.64*	0.35	*0.06*	28	**2.5**	*0.55*	0.24	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Breast (C50)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	19	**0.9**	*0.22*	–	-	733	**29.8**	*1.14*	–	-
Egypt, Gharbiah	58	**0.8**	*0.11*	0.09	*0.01*	3675	**45.4**	*0.77*	4.95	*0.10*
*Libya, Benghazi	6	**0.5**	*0.21*	0.08	*0.04*	364	**22.9**	*1.29*	2.46	*0.17*
*Malawi, Blantyre	9	**1.0**	*0.34*	0.11	*0.04*	165	**14.3**	*1.38*	1.59	*0.19*
*South Africa, PROMEC	11	**0.7**	*0.22*	0.11	*0.03*	175	**7.3**	*0.57*	0.77	*0.06*
*Tunisia, North	45	**0.6**	*0.10*	0.08	*0.01*	2260	**30.9**	*0.66*	3.27	*0.08*
*Uganda, Kyadondo County	24	**2.0**	*0.47*	0.21	*0.07*	498	**32.9**	*1.72*	3.88	*0.24*
*Zimbabwe, Harare: African	13	**1.5**	*0.46*	0.07	*0.03*	364	**33.9**	*2.07*	3.65	*0.27*
America, Central and South										
Argentina, Bahía Blanca	14	**1.5**	*0.45*	0.13	*0.05*	791	**74.7**	*2.97*	8.76	*0.37*
Argentina, Córdoba	46	**1.7**	*0.25*	0.17	*0.03*	2661	**78.1**	*1.58*	8.87	*0.20*
Argentina, Mendoza	40	**0.9**	*0.14*	0.11	*0.02*	3721	**74.4**	*1.27*	8.47	*0.16*
*Argentina, Tierra del Fuego	0	**-**	-	–	-	134	**54.1**	*5.06*	5.79	*0.67*
Brazil, Aracaju	2	**0.2**	*0.18*	0.03	*0.02*	532	**59.7**	*2.67*	6.72	*0.36*
Brazil, Belo Horizonte	9	**0.4**	*0.12*	0.04	*0.02*	2544	**66.8**	*1.35*	7.32	*0.17*
Brazil, Cuiabá	7	**0.8**	*0.33*	0.09	*0.04*	590	**51.8**	*2.24*	5.58	*0.29*
Brazil, Fortaleza	12	**0.4**	*0.12*	0.05	*0.02*	2207	**52.0**	*1.14*	5.81	*0.15*
Brazil, Goiânia	14	**0.7**	*0.19*	0.06	*0.02*	1961	**69.3**	*1.61*	7.67	*0.21*
*Brazil, São Paulo	396	**1.8**	*0.09*	0.21	*0.01*	23362	**77.7**	*0.54*	8.59	*0.07*
Chile, Region of Antofagasta	2	**0.2**	*0.16*	0.02	*0.02*	470	**36.0**	*1.69*	4.12	*0.23*
Chile, Bío Bío Province	5	**0.5**	*0.22*	0.05	*0.03*	332	**31.7**	*1.77*	3.64	*0.23*
Chile, Valdivia	2	**0.2**	*0.13*	0.02	*0.01*	377	**33.9**	*1.79*	3.73	*0.23*
Colombia, Bucaramanga	7	**0.4**	*0.14*	0.05	*0.02*	1129	**41.9**	*1.27*	4.73	*0.16*
Colombia, Cali	18	**0.4**	*0.10*	0.04	*0.01*	2742	**49.2**	*0.97*	5.57	*0.13*
Colombia, Manizales	5	**0.6**	*0.27*	0.09	*0.04*	379	**32.2**	*1.68*	3.57	*0.21*
Colombia, Pasto	2	**0.2**	*0.17*	0.03	*0.03*	255	**26.8**	*1.71*	3.03	*0.22*
Costa Rica	36	**0.4**	*0.06*	0.03	*0.01*	3845	**39.6**	*0.66*	4.51	*0.09*
Cuba, Villa Clara	13	**0.5**	*0.15*	0.06	*0.02*	780	**32.4**	*1.21*	3.64	*0.15*
Ecuador, Cuenca	1	**0.1**	*0.07*	–	-	267	**25.1**	*1.59*	2.61	*0.19*
Ecuador, Quito	16	**0.6**	*0.14*	0.07	*0.02*	1309	**38.0**	*1.09*	4.30	*0.14*
*France, Martinique	10	**0.7**	*0.23*	0.08	*0.03*	851	**55.3**	*1.99*	5.97	*0.23*
*Jamaica, Kingston and St Andrew	6	**0.3**	*0.12*	–	-	732	**43.6**	*1.68*	4.86	*0.22*
USA, Puerto Rico	83	**0.6**	*0.07*	0.07	*0.01*	8061	**55.3**	*0.64*	6.35	*0.08*
Uruguay	50	**0.7**	*0.11*	0.08	*0.01*	5055	**67.6**	*1.03*	7.61	*0.13*
America, North										
Canada	806	**0.6**	*0.02*	0.07	*0.00*	100437	**77.7**	*0.26*	8.96	*0.03*
Canada, Alberta	66	**0.6**	*0.07*	0.06	*0.01*	8854	**77.2**	*0.85*	8.96	*0.12*
Canada, British Columbia	87	**0.5**	*0.05*	0.05	*0.01*	12783	**73.4**	*0.68*	8.44	*0.09*
Canada, Manitoba	23	**0.5**	*0.11*	0.06	*0.02*	3688	**78.8**	*1.40*	9.07	*0.18*
Canada, New Brunswick	17	**0.6**	*0.14*	0.06	*0.02*	2460	**74.2**	*1.59*	8.48	*0.21*
Canada, Newfoundland and Labrador	8	**0.4**	*0.16*	0.05	*0.02*	1488	**68.2**	*1.83*	8.01	*0.24*
*Canada, Northwest Territories	0	**-**	-	–	-	87	**85.6**	*9.76*	9.95	*1.42*
Canada, Nova Scotia	37	**0.9**	*0.16*	0.12	*0.02*	3226	**76.6**	*1.44*	8.82	*0.19*
Canada, Ontario	353	**0.7**	*0.04*	0.08	*0.01*	38469	**78.5**	*0.42*	9.06	*0.05*
Canada, Prince Edward Island	4	**0.6**	*0.31*	0.02	*0.02*	449	**75.9**	*3.80*	8.87	*0.50*
*Canada, Quebec	189	**0.6**	*0.05*	0.08	*0.01*	25786	**80.3**	*0.53*	9.20	*0.07*
Canada, Saskatchewan	20	**0.4**	*0.11*	0.04	*0.01*	3069	**76.2**	*1.50*	9.05	*0.20*
*Canada, Yukon	2	**2.1**	*1.47*	0.13	*0.13*	78	**75.1**	*8.86*	8.71	*1.31*
USA, NPCR (42 states)	7939	**0.9**	*0.01*	0.10	*0.00*	861058	**85.3**	*0.10*	9.87	*0.01*
USA, NPCR (42 states): American Indian	19	**0.3**	*0.07*	0.03	*0.01*	3753	**49.2**	*0.82*	5.81	*0.11*
USA, NPCR (42 states): Asian and Pacific Islander	115	**0.4**	*0.03*	0.04	*0.00*	19768	**51.7**	*0.37*	5.83	*0.05*
USA, NPCR (42 states): Black	946	**1.1**	*0.04*	0.13	*0.01*	91046	**82.0**	*0.28*	9.35	*0.04*
USA, NPCR (42 states): White	6711	**0.8**	*0.01*	0.10	*0.00*	734383	**86.0**	*0.11*	9.99	*0.01*
USA, SEER (9 registries)	725	**0.8**	*0.03*	0.09	*0.00*	92751	**89.2**	*0.31*	10.32	*0.04*
*USA, SEER (9 registries): Black	82	**1.1**	*0.12*	0.12	*0.02*	9075	**85.7**	*0.93*	9.83	*0.13*
*USA, SEER (9 registries): White	612	**0.8**	*0.03*	0.09	*0.00*	75483	**91.8**	*0.35*	10.65	*0.05*
USA, SEER (18 registries)	2023	**0.7**	*0.02*	0.09	*0.00*	259743	**86.6**	*0.18*	10.02	*0.02*
*USA, SEER (18 registries): Asian and Pacific Islander	77	**0.3**	*0.04*	0.04	*0.01*	16989	**66.7**	*0.52*	7.58	*0.07*
*USA, SEER (18 registries): Black	246	**1.1**	*0.07*	0.14	*0.01*	25784	**83.9**	*0.54*	9.58	*0.07*
*USA, SEER (18 registries): Hispanic White	118	**0.4**	*0.04*	0.05	*0.01*	22584	**66.8**	*0.46*	7.69	*0.06*
*USA, SEER (18 registries): Non–Hispanic White	1557	**0.8**	*0.02*	0.09	*0.00*	191379	**92.5**	*0.23*	10.75	*0.03*
*USA, SEER (18 registries): White	1675	**0.7**	*0.02*	0.09	*0.00*	213963	**88.8**	*0.20*	10.32	*0.03*
USA, Alabama	155	**1.0**	*0.08*	0.11	*0.01*	14942	**82.2**	*0.71*	9.48	*0.09*
USA, Alabama: Black	37	**1.2**	*0.20*	0.12	*0.03*	3316	**81.6**	*1.47*	9.20	*0.19*
USA, Alabama: White	115	**0.9**	*0.09*	0.11	*0.01*	11419	**81.5**	*0.81*	9.48	*0.10*
USA, Alaska	8	**0.4**	*0.17*	0.09	*0.04*	1777	**92.8**	*2.27*	10.80	*0.32*
*USA, Alaska: American Indian	1	**0.5**	*0.47*	0.12	*0.12*	290	**105.3**	*6.31*	12.52	*0.85*
USA, Arizona	228	**1.1**	*0.08*	0.13	*0.01*	16443	**74.8**	*0.62*	8.78	*0.08*
USA, Arizona: American Indian	2	**0.3**	*0.24*	0.04	*0.03*	312	**41.1**	*2.37*	4.95	*0.33*
USA, Arizona: Asian and Pacific Islander	2	**0.6**	*0.43*	0.01	*0.01*	209	**41.9**	*2.95*	4.67	*0.38*
USA, Arizona: Black	4	**0.7**	*0.33*	0.05	*0.03*	381	**66.5**	*3.49*	7.58	*0.47*
USA, Arizona: White	217	**1.1**	*0.08*	0.14	*0.01*	15264	**75.8**	*0.65*	8.90	*0.08*
USA, Arkansas	90	**0.9**	*0.10*	0.10	*0.01*	8769	**79.1**	*0.90*	9.20	*0.11*
USA, Arkansas: Black	11	**1.0**	*0.30*	0.08	*0.03*	994	**74.5**	*2.45*	8.53	*0.32*
USA, Arkansas: White	78	**0.9**	*0.10*	0.10	*0.01*	7641	**79.4**	*0.97*	9.27	*0.12*
USA, California	740	**0.6**	*0.02*	0.08	*0.00*	106674	**86.1**	*0.28*	10.02	*0.04*
USA, California: American Indian	2	**0.2**	*0.13*	0.01	*0.01*	343	**25.8**	*1.43*	3.15	*0.21*
USA, California: Asian and Pacific Islander	47	**0.3**	*0.05*	0.04	*0.01*	10334	**62.7**	*0.63*	7.11	*0.08*
USA, California: Black	56	**0.9**	*0.12*	0.12	*0.02*	6764	**84.5**	*1.06*	9.64	*0.14*
USA, California: White	617	**0.7**	*0.03*	0.08	*0.00*	87622	**89.4**	*0.32*	10.48	*0.04*
USA, California, Los Angeles County	179	**0.6**	*0.05*	0.08	*0.01*	26916	**82.8**	*0.53*	9.61	*0.07*
*USA, California, Los Angeles County: Asian and Pacific Islander	22	**0.5**	*0.11*	0.07	*0.02*	3645	**71.3**	*1.21*	8.12	*0.15*
*USA, California, Los Angeles County: Black	24	**0.9**	*0.18*	0.11	*0.03*	3055	**86.0**	*1.60*	9.79	*0.21*
*USA, California, Los Angeles County: Chinese	8	**0.6**	*0.22*	0.05	*0.02*	864	**58.9**	*2.08*	6.62	*0.26*
*USA, California, Los Angeles County: Filipino	2	**0.2**	*0.15*	0.04	*0.03*	1183	**100.0**	*2.97*	11.75	*0.39*
*USA, California, Los Angeles County: Hispanic White	21	**0.3**	*0.06*	0.03	*0.01*	5985	**61.0**	*0.82*	7.07	*0.11*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Breast (C50) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	1	**0.2**	*0.23*	0.02	*0.02*	509	**85.4**	*4.30*	9.36	*0.50*
*USA, California, Los Angeles County: Korean	5	**0.9**	*0.38*	0.16	*0.08*	406	**53.1**	*2.67*	5.76	*0.32*
*USA, California, Los Angeles County: Non−Hispanic White	109	**0.8**	*0.08*	0.11	*0.01*	14002	**103.4**	*0.95*	12.08	*0.12*
*USA, California, Los Angeles County: White	130	**0.6**	*0.06*	0.08	*0.01*	19987	**85.1**	*0.63*	9.95	*0.09*
USA, California, San Francisco Bay Area	96	**0.6**	*0.06*	0.06	*0.01*	14709	**92.0**	*0.80*	10.62	*0.11*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	9	**0.3**	*0.09*	0.02	*0.01*	2513	**69.7**	*1.44*	7.81	*0.18*
*USA, California, San Francisco Bay Area: Black	12	**1.0**	*0.29*	0.11	*0.04*	1298	**87.4**	*2.52*	9.96	*0.33*
*USA, California, San Francisco Bay Area: Hispanic White	9	**0.7**	*0.23*	0.08	*0.03*	1362	**78.2**	*2.21*	8.86	*0.30*
*USA, California, San Francisco Bay Area: Non−Hispanic White	66	**0.7**	*0.09*	0.07	*0.01*	9383	**104.1**	*1.15*	12.22	*0.15*
*USA, California, San Francisco Bay Area: White	75	**0.7**	*0.08*	0.07	*0.01*	10745	**99.8**	*1.02*	11.68	*0.14*
USA, Colorado	99	**0.7**	*0.07*	0.08	*0.01*	14072	**86.5**	*0.76*	10.11	*0.10*
USA, Colorado: Asian and Pacific Islander	0	**-**	-	–	-	191	**48.4**	*3.61*	5.64	*0.49*
USA, Colorado: Black	3	**0.7**	*0.44*	0.10	*0.06*	377	**70.8**	*3.74*	8.41	*0.53*
USA, Colorado: White	93	**0.7**	*0.07*	0.08	*0.01*	13181	**86.8**	*0.79*	10.14	*0.11*
USA, Connecticut	136	**1.1**	*0.09*	0.13	*0.01*	13650	**94.4**	*0.86*	10.82	*0.11*
*USA, Connecticut: Black	7	**0.9**	*0.36*	0.11	*0.05*	875	**77.4**	*2.67*	8.79	*0.36*
*USA, Connecticut: White	129	**1.1**	*0.10*	0.13	*0.02*	12502	**96.5**	*0.93*	11.06	*0.12*
USA, Delaware	31	**1.1**	*0.20*	0.12	*0.02*	3001	**88.7**	*1.70*	10.24	*0.22*
USA, Delaware: Black	8	**1.8**	*0.65*	0.17	*0.08*	527	**94.8**	*4.23*	10.69	*0.56*
USA, Delaware: White	21	**0.9**	*0.21*	0.10	*0.03*	2419	**87.2**	*1.89*	10.17	*0.24*
USA, Florida	984	**1.3**	*0.05*	0.16	*0.01*	61208	**79.7**	*0.35*	9.25	*0.04*
USA, Florida: Asian and Pacific Islander	10	**0.8**	*0.26*	0.05	*0.02*	439	**30.5**	*1.48*	3.52	*0.20*
USA, Florida: Black	91	**1.4**	*0.15*	0.15	*0.02*	5930	**71.3**	*0.95*	8.10	*0.13*
USA, Florida: White	866	**1.3**	*0.05*	0.16	*0.01*	53982	**80.9**	*0.38*	9.40	*0.05*
USA, Georgia	192	**0.7**	*0.05*	0.08	*0.01*	26711	**84.6**	*0.54*	9.70	*0.07*
USA, Georgia: Asian and Pacific Islander	0	**-**	-	–	-	287	**39.4**	*2.40*	4.49	*0.34*
USA, Georgia: Black	57	**1.0**	*0.14*	0.12	*0.02*	6910	**84.2**	*1.05*	9.53	*0.14*
USA, Georgia: White	133	**0.6**	*0.06*	0.07	*0.01*	19356	**85.3**	*0.64*	9.85	*0.08*
USA, Georgia, Atlanta	72	**0.9**	*0.11*	0.09	*0.01*	9054	**87.2**	*0.95*	10.05	*0.13*
*USA, Georgia, Atlanta: Black	21	**0.9**	*0.20*	0.09	*0.02*	3087	**88.5**	*1.67*	10.22	*0.24*
*USA, Georgia, Atlanta: White	50	**0.9**	*0.13*	0.09	*0.02*	5695	**88.7**	*1.22*	10.26	*0.17*
USA, Idaho	52	**1.0**	*0.14*	0.11	*0.02*	4136	**81.8**	*1.34*	9.70	*0.18*
USA, Illinois	327	**0.7**	*0.04*	0.08	*0.01*	41584	**86.8**	*0.45*	9.99	*0.06*
USA, Illinois: Asian and Pacific Islander	2	**0.1**	*0.08*	0.00	*0.00*	768	**46.5**	*1.70*	5.43	*0.23*
USA, Illinois: Black	51	**1.0**	*0.14*	0.10	*0.02*	5435	**85.0**	*1.18*	9.75	*0.15*
USA, Illinois: White	269	**0.7**	*0.05*	0.08	*0.01*	34809	**87.5**	*0.50*	10.08	*0.07*
USA, Indiana	144	**0.7**	*0.06*	0.09	*0.01*	19701	**81.4**	*0.62*	9.45	*0.08*
USA, Indiana: Black	11	**0.8**	*0.25*	0.09	*0.03*	1384	**80.8**	*2.25*	9.36	*0.30*
USA, Indiana: White	129	**0.7**	*0.06*	0.08	*0.01*	18005	**81.0**	*0.64*	9.41	*0.08*
USA, Iowa	67	**0.5**	*0.07*	0.07	*0.01*	10565	**86.4**	*0.92*	9.95	*0.12*
USA, Kentucky	91	**0.6**	*0.06*	0.07	*0.01*	14098	**85.6**	*0.76*	9.84	*0.10*
USA, Louisiana	105	**0.9**	*0.09*	0.11	*0.01*	11233	**84.4**	*0.84*	9.74	*0.11*
*USA, Louisiana: Black	31	**1.2**	*0.21*	0.14	*0.03*	3159	**88.0**	*1.61*	10.05	*0.21*
*USA, Louisiana: White	73	**0.9**	*0.10*	0.10	*0.01*	7992	**83.6**	*1.00*	9.70	*0.13*
*USA, Louisiana, New Orleans	21	**0.9**	*0.20*	0.11	*0.03*	2356	**85.6**	*1.87*	9.87	*0.25*
*USA, Louisiana, New Orleans: Black	7	**1.2**	*0.47*	0.19	*0.08*	808	**85.9**	*3.10*	9.90	*0.42*
*USA, Louisiana, New Orleans: White	13	**0.8**	*0.23*	0.09	*0.03*	1514	**86.6**	*2.43*	10.05	*0.32*
USA, Maine	74	**1.4**	*0.17*	0.17	*0.03*	5272	**91.3**	*1.34*	10.59	*0.18*
USA, Massachusetts	208	**0.9**	*0.06*	0.11	*0.01*	24628	**93.3**	*0.63*	10.73	*0.08*
USA, Massachusetts: Asian and Pacific Islander	1	**0.1**	*0.13*	0.01	*0.01*	394	**48.4**	*2.53*	5.49	*0.34*
USA, Massachusetts: Black	11	**1.4**	*0.41*	0.21	*0.07*	962	**73.7**	*2.43*	8.54	*0.33*
USA, Massachusetts: White	194	**0.9**	*0.07*	0.11	*0.01*	23046	**95.2**	*0.67*	10.95	*0.09*
USA, Michigan	351	**1.0**	*0.05*	0.11	*0.01*	33918	**86.3**	*0.50*	9.92	*0.06*
USA, Michigan: Asian and Pacific Islander	4	**0.8**	*0.40*	0.12	*0.07*	224	**37.9**	*2.60*	4.37	*0.35*
USA, Michigan: Black	57	**1.6**	*0.21*	0.19	*0.03*	4064	**84.8**	*1.38*	9.71	*0.18*
USA, Michigan: White	284	**0.9**	*0.06*	0.10	*0.01*	28985	**86.0**	*0.54*	9.89	*0.07*
USA, Michigan, Detroit	139	**1.0**	*0.09*	0.12	*0.01*	14155	**89.6**	*0.80*	10.31	*0.10*
*USA, Michigan, Detroit: Black	35	**1.3**	*0.23*	0.16	*0.03*	3141	**87.3**	*1.62*	10.03	*0.22*
*USA, Michigan, Detroit: White	99	**0.9**	*0.10*	0.11	*0.01*	10690	**90.9**	*0.94*	10.45	*0.12*
USA, Mississippi	63	**0.7**	*0.08*	0.08	*0.01*	8570	**79.0**	*0.90*	9.14	*0.12*
USA, Missouri	163	**0.8**	*0.06*	0.09	*0.01*	19396	**83.2**	*0.64*	9.62	*0.08*
USA, Missouri: Black	19	**1.2**	*0.27*	0.14	*0.04*	1836	**83.2**	*2.01*	9.41	*0.26*
USA, Missouri: White	143	**0.7**	*0.06*	0.09	*0.01*	17292	**83.2**	*0.68*	9.65	*0.09*
USA, Montana	20	**0.5**	*0.12*	0.06	*0.02*	3256	**85.9**	*1.60*	10.00	*0.21*
USA, Montana: American Indian	0	**-**	-	–	-	141	**90.8**	*7.76*	10.06	*1.01*
USA, Nebraska	39	**0.6**	*0.10*	0.07	*0.01*	5910	**87.1**	*1.22*	10.12	*0.16*
USA, Nebraska: Black	1	**0.7**	*0.70*	0.18	*0.18*	157	**80.6**	*6.66*	9.53	*0.92*
USA, Nebraska: White	37	**0.6**	*0.10*	0.06	*0.01*	5671	**87.8**	*1.26*	10.20	*0.16*
USA, New Hampshire	43	**0.8**	*0.13*	0.08	*0.02*	4744	**91.9**	*1.41*	10.63	*0.19*
USA, New Jersey	335	**1.0**	*0.06*	0.12	*0.01*	31732	**91.1**	*0.54*	10.42	*0.07*
*USA, New Jersey: Black	45	**1.5**	*0.22*	0.19	*0.03*	3359	**79.0**	*1.39*	9.06	*0.18*
*USA, New Jersey: White	282	**1.0**	*0.06*	0.11	*0.01*	26873	**94.2**	*0.62*	10.79	*0.08*
USA, New Mexico	53	**0.8**	*0.11*	0.08	*0.01*	5555	**77.6**	*1.09*	9.01	*0.14*
*USA, New Mexico: Hispanic White	12	**0.6**	*0.17*	0.06	*0.02*	1601	**68.4**	*1.76*	7.65	*0.22*
*USA, New Mexico: Non−Hispanic White	38	**0.9**	*0.16*	0.10	*0.02*	3610	**88.7**	*1.60*	10.47	*0.21*
*USA, New Mexico: White	50	**0.8**	*0.12*	0.08	*0.02*	5211	**81.5**	*1.19*	9.47	*0.15*
USA, New York State	587	**0.8**	*0.04*	0.10	*0.01*	68540	**87.7**	*0.36*	10.05	*0.05*
USA, New York State: Asian and Pacific Islander	11	**0.3**	*0.09*	0.03	*0.01*	2007	**47.4**	*1.07*	5.19	*0.13*
USA, New York State: Black	74	**0.9**	*0.10*	0.10	*0.01*	9103	**74.7**	*0.80*	8.44	*0.10*
USA, New York State: White	486	**0.8**	*0.04*	0.10	*0.01*	55852	**90.9**	*0.41*	10.47	*0.05*
USA, North Carolina	283	**1.0**	*0.06*	0.11	*0.01*	29293	**87.1**	*0.53*	10.11	*0.07*
USA, North Carolina: American Indian	1	**0.4**	*0.35*	–	-	203	**58.7**	*4.19*	6.89	*0.57*
USA, North Carolina: Asian and Pacific Islander	2	**0.7**	*0.47*	0.13	*0.10*	171	**38.4**	*3.06*	4.21	*0.40*
USA, North Carolina: Black	60	**1.3**	*0.17*	0.14	*0.02*	5587	**86.9**	*1.20*	9.98	*0.16*
USA, North Carolina: White	217	**0.9**	*0.06*	0.10	*0.01*	23103	**87.3**	*0.61*	10.17	*0.08*
USA, North Dakota	17	**0.7**	*0.17*	0.08	*0.02*	2234	**88.3**	*2.05*	10.48	*0.27*
USA, Ohio	328	**0.8**	*0.04*	0.09	*0.01*	39558	**84.3**	*0.45*	9.75	*0.06*
USA, Ohio: Asian and Pacific Islander	1	**0.3**	*0.27*	–	-	151	**30.5**	*2.54*	3.65	*0.35*
USA, Ohio: Black	37	**1.0**	*0.17*	0.11	*0.02*	3925	**83.8**	*1.39*	9.60	*0.18*
USA, Ohio: White	284	**0.8**	*0.05*	0.09	*0.01*	34761	**83.4**	*0.48*	9.67	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Breast (C50) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	86	**0.7**	*0.07*	0.07	*0.01*	12449	**89.6**	*0.85*	10.48	*0.11*
USA, Oklahoma: American Indian	5	**0.6**	*0.29*	0.07	*0.03*	855	**93.7**	*3.28*	10.88	*0.44*
USA, Oklahoma: Black	7	**1.1**	*0.43*	0.19	*0.08*	705	**86.7**	*3.37*	10.18	*0.46*
USA, Oklahoma: White	72	**0.6**	*0.08*	0.07	*0.01*	10717	**89.3**	*0.92*	10.46	*0.12*
USA, Oregon	78	**0.6**	*0.07*	0.07	*0.01*	13390	**91.6**	*0.84*	10.69	*0.11*
USA, Oregon: Asian and Pacific Islander	0	**-**	-	–	-	223	**50.9**	*3.50*	5.70	*0.45*
USA, Oregon: Black	1	**0.8**	*0.79*	0.13	*0.13*	126	**69.4**	*6.39*	7.72	*0.84*
USA, Oregon: White	71	**0.6**	*0.07*	0.07	*0.01*	12549	**90.5**	*0.86*	10.61	*0.12*
USA, Pennsylvania	461	**0.9**	*0.05*	0.11	*0.01*	47386	**87.5**	*0.44*	10.08	*0.06*
USA, Pennsylvania: Asian and Pacific Islander	5	**0.7**	*0.33*	0.07	*0.04*	315	**39.2**	*2.26*	4.55	*0.30*
USA, Pennsylvania: Black	45	**1.3**	*0.20*	0.15	*0.03*	3984	**88.0**	*1.45*	10.09	*0.19*
USA, Pennsylvania: White	402	**0.9**	*0.05*	0.11	*0.01*	42517	**87.0**	*0.46*	10.05	*0.06*
USA, Rhode Island	35	**0.8**	*0.15*	0.10	*0.02*	4052	**92.2**	*1.56*	10.75	*0.21*
USA, Rhode Island: Black	3	**2.0**	*1.17*	0.33	*0.23*	144	**81.5**	*7.03*	8.57	*0.88*
USA, Rhode Island: White	32	**0.8**	*0.15*	0.10	*0.02*	3847	**93.4**	*1.63*	10.93	*0.21*
USA, South Carolina	135	**0.9**	*0.08*	0.12	*0.01*	14552	**86.0**	*0.75*	9.98	*0.10*
USA, South Carolina: Black	41	**1.3**	*0.21*	0.15	*0.03*	3541	**84.1**	*1.46*	9.63	*0.19*
USA, South Carolina: White	89	**0.8**	*0.08*	0.10	*0.01*	10828	**86.3**	*0.88*	10.07	*0.11*
USA, South Dakota	17	**0.5**	*0.13*	0.06	*0.02*	2586	**82.1**	*1.77*	9.53	*0.23*
USA, Tennessee	211	**1.0**	*0.07*	0.12	*0.01*	19626	**83.1**	*0.62*	9.65	*0.08*
USA, Tennessee: Black	37	**1.5**	*0.26*	0.15	*0.03*	2716	**84.7**	*1.68*	9.58	*0.22*
USA, Tennessee: White	172	**0.9**	*0.07*	0.11	*0.01*	16684	**82.6**	*0.67*	9.65	*0.09*
USA, Texas	460	**0.7**	*0.03*	0.08	*0.00*	61477	**81.1**	*0.34*	9.40	*0.05*
USA, Texas: Asian and Pacific Islander	4	**0.2**	*0.12*	0.00	*0.00*	843	**36.5**	*1.29*	4.14	*0.17*
USA, Texas: Black	59	**1.0**	*0.13*	0.12	*0.02*	6887	**84.7**	*1.05*	9.67	*0.14*
USA, Texas: White	382	**0.6**	*0.03*	0.08	*0.01*	52461	**80.7**	*0.37*	9.38	*0.05*
USA, Utah	42	**0.6**	*0.10*	0.08	*0.02*	5372	**75.9**	*1.08*	8.92	*0.15*
USA, Vermont	25	**1.1**	*0.23*	0.17	*0.04*	2383	**92.6**	*2.00*	10.69	*0.26*
USA, Virginia	284	**1.1**	*0.07*	0.13	*0.01*	25089	**87.7**	*0.58*	10.10	*0.08*
USA, Virginia: Asian and Pacific Islander	5	**0.5**	*0.21*	0.03	*0.02*	533	**45.7**	*2.01*	5.06	*0.26*
USA, Virginia: Black	56	**1.5**	*0.21*	0.18	*0.03*	4504	**88.8**	*1.37*	10.08	*0.18*
USA, Virginia: White	213	**1.1**	*0.07*	0.12	*0.01*	19594	**87.6**	*0.66*	10.15	*0.09*
USA, Washington State	133	**0.6**	*0.05*	0.08	*0.01*	21584	**91.8**	*0.66*	10.70	*0.09*
USA, Washington, Seattle	95	**0.6**	*0.07*	0.08	*0.01*	15443	**96.3**	*0.81*	11.26	*0.11*
USA, West Virginia	71	**0.9**	*0.11*	0.11	*0.02*	6528	**82.0**	*1.09*	9.44	*0.14*
USA, Wisconsin	235	**1.2**	*0.08*	0.14	*0.01*	19046	**87.5**	*0.68*	10.19	*0.09*
USA, Wisconsin: Black	13	**2.0**	*0.58*	0.29	*0.10*	672	**79.2**	*3.14*	8.84	*0.41*
USA, Wisconsin: White	216	**1.1**	*0.08*	0.13	*0.01*	18020	**87.7**	*0.70*	10.23	*0.09*
USA, Wyoming	8	**0.4**	*0.16*	0.06	*0.03*	1576	**82.5**	*2.18*	9.86	*0.30*
Asia										
Bahrain: Bahraini	9	**1.3**	*0.44*	0.18	*0.08*	460	**56.0**	*2.73*	6.12	*0.34*
China, Beijing City	76	**0.2**	*0.03*	0.03	*0.00*	10135	**35.5**	*0.36*	3.93	*0.04*
*China, Cixian County	0	**-**	-	–	-	186	**13.2**	*1.00*	1.41	*0.12*
China, Haining County	5	**0.4**	*0.18*	0.03	*0.02*	335	**14.8**	*0.82*	1.52	*0.09*
*China, Harbin City, Nangang District	20	**0.7**	*0.15*	0.09	*0.02*	1034	**31.5**	*1.00*	3.48	*0.12*
China, Hong Kong	73	**0.3**	*0.03*	0.04	*0.01*	11927	**45.2**	*0.43*	4.80	*0.05*
China, Jiashan County	3	**0.2**	*0.10*	0.03	*0.02*	337	**22.4**	*1.26*	2.34	*0.14*
China, Jiaxing City	6	**0.4**	*0.19*	0.03	*0.02*	311	**27.6**	*1.60*	3.00	*0.19*
China, Macao	1	**0.1**	*0.10*	0.03	*0.03*	613	**38.9**	*1.69*	4.23	*0.22*
China, Qidong County	11	**0.3**	*0.08*	0.03	*0.01*	646	**15.3**	*0.62*	1.65	*0.07*
*China, Shanghai City	90	**0.3**	*0.04*	0.04	*0.00*	10695	**39.2**	*0.40*	4.31	*0.05*
*China, Wuhan City	60	**0.4**	*0.06*	0.05	*0.01*	4497	**30.3**	*0.46*	3.27	*0.05*
*China, Yangcheng County	2	**0.2**	*0.11*	0.01	*0.01*	153	**14.1**	*1.17*	1.48	*0.14*
*China, Yanting County	2	**0.1**	*0.09*	0.01	*0.01*	157	**9.7**	*0.78*	0.93	*0.08*
*China, Zhongshan City	5	**0.1**	*0.06*	0.00	*0.00*	699	**22.9**	*0.89*	2.37	*0.10*
*India, Bangalore	77	**1.0**	*0.12*	0.11	*0.02*	2798	**36.6**	*0.72*	4.20	*0.10*
*India; Barshi, Paranda, and Bhum	1	**0.0**	*0.05*	0.01	*0.01*	94	**8.3**	*0.91*	0.91	*0.10*
*India, Bhopal	18	**0.7**	*0.18*	0.10	*0.03*	598	**26.4**	*1.11*	2.94	*0.14*
*India, Chennai	50	**0.5**	*0.07*	0.06	*0.01*	3405	**32.8**	*0.57*	3.62	*0.07*
*India, Dindigul, Ambilikkai	14	**0.3**	*0.08*	0.04	*0.01*	607	**12.0**	*0.49*	1.24	*0.06*
*India, Karunagappally	2	**0.2**	*0.13*	0.02	*0.01*	211	**16.6**	*1.16*	1.73	*0.14*
*India, Mizoram	4	**0.3**	*0.16*	0.06	*0.03*	274	**16.3**	*1.02*	1.78	*0.13*
*India, Mumbai	147	**0.6**	*0.05*	0.07	*0.01*	7677	**30.4**	*0.35*	3.33	*0.05*
*India, New Delhi	316	**1.3**	*0.08*	0.15	*0.01*	7727	**31.6**	*0.38*	3.57	*0.05*
*India, Poona	50	**0.7**	*0.10*	0.07	*0.01*	1846	**23.7**	*0.56*	2.60	*0.07*
*India, Sikkim State	3	**0.3**	*0.18*	0.03	*0.02*	81	**9.6**	*1.10*	0.98	*0.13*
*India, Trivandrum	8	**0.5**	*0.18*	0.05	*0.02*	663	**35.4**	*1.39*	3.90	*0.17*
*Iran (Islamic Republic of), Golestan Province	3	**0.1**	*0.09*	0.01	*0.01*	558	**28.0**	*1.24*	2.88	*0.15*
Israel	238	**1.2**	*0.09*	0.14	*0.01*	16931	**85.7**	*0.69*	9.92	*0.09*
*Israel: Jews	217	**1.3**	*0.09*	0.14	*0.01*	15750	**89.4**	*0.76*	10.33	*0.10*
*Israel: Non–Jews	21	**1.1**	*0.25*	0.11	*0.03*	1181	**56.1**	*1.69*	6.48	*0.23*
Japan, Aichi Prefecture	21	**0.4**	*0.08*	0.05	*0.01*	2195	**43.4**	*0.98*	4.74	*0.11*
Japan, Fukui Prefecture	17	**0.4**	*0.09*	0.04	*0.01*	1531	**44.2**	*1.27*	4.67	*0.13*
Japan, Hiroshima	16	**0.3**	*0.08*	0.03	*0.01*	2789	**58.1**	*1.19*	6.30	*0.13*
Japan, Miyagi Prefecture	26	**0.2**	*0.04*	0.02	*0.00*	5210	**54.0**	*0.82*	5.76	*0.09*
Japan, Nagasaki Prefecture	27	**0.3**	*0.06*	0.04	*0.01*	3209	**48.5**	*0.96*	5.22	*0.10*
Japan, Niigata Prefecture	22	**0.1**	*0.03*	0.01	*0.00*	4957	**49.0**	*0.78*	5.19	*0.08*
*Japan, Osaka Prefecture	91	**0.2**	*0.02*	0.02	*0.00*	13918	**37.3**	*0.34*	3.98	*0.04*
Japan, Saga Prefecture	8	**0.2**	*0.07*	0.03	*0.01*	1316	**34.1**	*1.05*	3.72	*0.11*
Republic of Korea	250	**0.2**	*0.01*	0.02	*0.00*	50300	**31.6**	*0.14*	3.20	*0.02*
Republic of Korea, Busan	21	**0.2**	*0.05*	0.02	*0.01*	3953	**30.5**	*0.49*	3.13	*0.05*
Republic of Korea, Daegu	19	**0.3**	*0.07*	0.03	*0.01*	2670	**31.7**	*0.62*	3.25	*0.07*
Republic of Korea, Daejeon	4	**0.1**	*0.08*	0.01	*0.01*	1586	**35.4**	*0.90*	3.71	*0.11*
Republic of Korea, Gwangju	7	**0.2**	*0.08*	0.03	*0.01*	1213	**27.9**	*0.81*	2.84	*0.09*
Republic of Korea, Incheon	15	**0.3**	*0.07*	0.03	*0.01*	2773	**33.5**	*0.65*	3.40	*0.07*
Republic of Korea, Jejudo	2	**0.1**	*0.10*	0.02	*0.01*	342	**24.4**	*1.33*	2.45	*0.14*
Republic of Korea, Seoul	54	**0.2**	*0.03*	0.02	*0.00*	12655	**37.3**	*0.33*	3.84	*0.04*
Republic of Korea, Ulsan	6	**0.3**	*0.12*	0.05	*0.03*	974	**29.0**	*0.97*	2.91	*0.11*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Breast (C50) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	15	**0.4**	*0.13*	0.06	*0.02*	1532	**46.0**	*1.38*	5.38	*0.20*
*Kuwait: Kuwaitis	6	**0.6**	*0.24*	0.08	*0.04*	791	**50.1**	*1.86*	5.67	*0.25*
*Kuwait: Non−Kuwaitis	9	**0.5**	*0.27*	0.06	*0.04*	741	**44.7**	*2.34*	5.43	*0.37*
*Malaysia, Penang	13	**0.6**	*0.16*	0.09	*0.03*	1374	**49.8**	*1.36*	5.42	*0.17*
*Malaysia, Penang: Chinese	9	**0.7**	*0.23*	0.10	*0.04*	896	**57.5**	*1.94*	6.26	*0.23*
*Malaysia, Penang: Indian	1	**0.3**	*0.32*	0.03	*0.03*	150	**53.6**	*4.57*	6.11	*0.61*
*Malaysia, Penang: Malay	3	**0.3**	*0.22*	0.06	*0.05*	318	**31.3**	*1.82*	3.29	*0.22*
*Philippines, Manila	93	**1.1**	*0.13*	0.13	*0.02*	6491	**60.1**	*0.78*	6.77	*0.11*
*Philippines, Rizal	66	**0.8**	*0.11*	0.09	*0.02*	6560	**57.0**	*0.74*	6.42	*0.10*
Qatar: Qatari	1	**0.4**	*0.36*	0.04	*0.04*	150	**45.7**	*3.96*	4.93	*0.50*
*Saudi Arabia, Riyadh: Saudi	25	**0.5**	*0.11*	0.06	*0.02*	1179	**21.1**	*0.66*	2.30	*0.09*
Singapore	17	**0.2**	*0.05*	0.02	*0.01*	6717	**57.8**	*0.72*	6.31	*0.09*
Singapore: Chinese	14	**0.2**	*0.05*	0.02	*0.01*	5528	**59.2**	*0.81*	6.45	*0.10*
Singapore: Indian	1	**0.2**	*0.21*	0.03	*0.03*	365	**49.0**	*2.69*	5.38	*0.34*
Singapore: Malay	2	**0.1**	*0.09*	0.01	*0.01*	712	**53.6**	*2.10*	5.89	*0.27*
Thailand, Bangkok	44	**0.3**	*0.05*	0.03	*0.01*	6570	**34.3**	*0.43*	3.81	*0.06*
Thailand, Chiang Mai	25	**0.5**	*0.11*	0.06	*0.01*	1309	**25.6**	*0.73*	2.70	*0.09*
Thailand, Chonburi	6	**0.2**	*0.09*	0.03	*0.01*	1133	**33.8**	*1.03*	3.61	*0.13*
*Thailand, Khon Kaen	14	**0.3**	*0.09*	0.04	*0.01*	966	**18.6**	*0.60*	1.98	*0.07*
Thailand, Lampang	7	**0.3**	*0.11*	0.04	*0.02*	770	**28.2**	*1.03*	3.02	*0.12*
*Thailand, Songkhla	4	**0.2**	*0.08*	0.02	*0.01*	649	**21.6**	*0.86*	2.30	*0.10*
*Turkey, Antalya	20	**0.5**	*0.12*	0.06	*0.02*	1463	**36.0**	*0.96*	3.84	*0.12*
*Turkey, Edirne	8	**0.8**	*0.30*	0.06	*0.03*	306	**31.1**	*1.79*	3.32	*0.20*
*Turkey, Izmir	75	**0.8**	*0.09*	0.09	*0.01*	4511	**42.8**	*0.64*	4.63	*0.08*
*Turkey, Trabzon	2	**0.2**	*0.14*	0.03	*0.02*	410	**33.3**	*1.67*	3.53	*0.19*
Europe										
Austria	280	**0.8**	*0.05*	0.10	*0.01*	24576	**66.9**	*0.46*	7.61	*0.06*
Austria, Tyrol	14	**0.5**	*0.14*	0.07	*0.02*	2037	**70.7**	*1.66*	8.18	*0.21*
Austria, Vorarlberg	10	**0.8**	*0.25*	0.11	*0.04*	1008	**70.7**	*2.35*	8.18	*0.30*
*Belarus	130	**0.4**	*0.04*	0.05	*0.01*	16615	**41.0**	*0.34*	4.62	*0.04*
*Belgium	320	**0.9**	*0.05*	0.11	*0.01*	38981	**110.8**	*0.60*	12.45	*0.07*
Bulgaria	213	**0.7**	*0.05*	0.08	*0.01*	18059	**52.7**	*0.42*	5.97	*0.05*
Croatia	131	**0.8**	*0.07*	0.08	*0.01*	11897	**59.4**	*0.59*	6.78	*0.07*
Cyprus	26	**1.0**	*0.19*	0.11	*0.03*	2116	**78.1**	*1.75*	8.93	*0.22*
Czech Republic	215	**0.5**	*0.04*	0.07	*0.01*	29297	**64.6**	*0.40*	7.49	*0.05*
Denmark	121	**0.5**	*0.05*	0.06	*0.01*	20003	**86.1**	*0.65*	9.98	*0.08*
*Estonia	18	**0.4**	*0.09*	0.05	*0.01*	3045	**48.9**	*0.96*	5.49	*0.11*
Finland	88	**0.4**	*0.04*	0.05	*0.01*	19109	**83.2**	*0.64*	9.50	*0.08*
*France, Bas−Rhin	28	**0.7**	*0.14*	0.10	*0.02*	4182	**100.2**	*1.64*	11.79	*0.21*
*France, Calvados	19	**0.7**	*0.17*	0.08	*0.03*	2611	**97.0**	*2.05*	11.13	*0.25*
*France, Doubs	16	**0.6**	*0.17*	0.09	*0.03*	1891	**92.7**	*2.28*	10.90	*0.28*
*France, Haut−Rhin	26	**0.9**	*0.18*	0.10	*0.03*	2737	**92.4**	*1.88*	10.75	*0.23*
*France, Hérault	35	**0.7**	*0.13*	0.06	*0.02*	4092	**99.0**	*1.67*	11.25	*0.20*
*France, Isère	39	**0.8**	*0.14*	0.10	*0.02*	4372	**98.1**	*1.57*	11.39	*0.20*
*France, Loire−Atlantique	52	**1.2**	*0.17*	0.15	*0.02*	4879	**102.6**	*1.57*	11.91	*0.19*
*France, Manche	12	**0.5**	*0.16*	0.07	*0.02*	1922	**89.1**	*2.26*	10.36	*0.27*
*France, Somme	21	**0.9**	*0.20*	0.12	*0.03*	2285	**105.2**	*2.36*	11.94	*0.28*
*France, Tarn	9	**0.4**	*0.16*	0.06	*0.02*	1570	**93.2**	*2.64*	10.69	*0.31*
*France, Vendée	19	**0.6**	*0.14*	0.06	*0.02*	2468	**94.6**	*2.09*	11.10	*0.25*
Germany, Brandenburg	82	**0.6**	*0.07*	0.07	*0.01*	8359	**66.2**	*0.79*	7.42	*0.09*
Germany, Bremen	17	**0.5**	*0.13*	0.06	*0.02*	2829	**85.2**	*1.78*	9.78	*0.21*
Germany, Free State of Saxony	129	**0.6**	*0.05*	0.07	*0.01*	14503	**63.2**	*0.60*	7.10	*0.07*
Germany, Hamburg	56	**0.7**	*0.10*	0.08	*0.01*	6744	**82.7**	*1.11*	9.55	*0.14*
Germany, Mecklenburg−Western Pomerania	45	**0.6**	*0.09*	0.08	*0.01*	5527	**66.4**	*0.97*	7.58	*0.12*
Germany, Munich	141	**0.8**	*0.07*	0.11	*0.01*	15728	**86.4**	*0.75*	9.90	*0.09*
Germany, North Rhine−Westphalia	78	**0.6**	*0.08*	0.07	*0.01*	10224	**86.4**	*0.93*	9.96	*0.11*
Germany, Saarland	40	**0.7**	*0.12*	0.09	*0.02*	4296	**81.9**	*1.38*	9.42	*0.17*
Germany, Schleswig−Holstein	91	**0.7**	*0.07*	0.08	*0.01*	13186	**96.9**	*0.93*	11.08	*0.11*
Iceland	10	**1.0**	*0.33*	0.12	*0.05*	852	**86.7**	*3.10*	9.96	*0.39*
Ireland	83	**0.6**	*0.07*	0.07	*0.01*	11363	**83.1**	*0.81*	9.39	*0.10*
Italy, Biella	9	**1.2**	*0.41*	0.15	*0.05*	901	**89.4**	*3.45*	9.98	*0.39*
Italy, Brescia	30	**0.8**	*0.15*	0.11	*0.02*	3832	**99.4**	*1.76*	11.16	*0.21*
Italy, Catania and Messina	29	**0.7**	*0.14*	0.08	*0.02*	3046	**69.1**	*1.35*	7.83	*0.16*
Italy, Catanzaro	5	**0.5**	*0.23*	0.09	*0.04*	623	**62.3**	*2.70*	6.91	*0.31*
Italy, Como	22	**0.9**	*0.19*	0.11	*0.03*	2418	**93.0**	*2.06*	10.53	*0.24*
Italy, Ferrara	25	**1.0**	*0.23*	0.12	*0.03*	1848	**98.2**	*2.58*	11.12	*0.30*
Italy, Florence and Prato	31	**0.9**	*0.16*	0.11	*0.02*	3108	**88.1**	*1.77*	9.77	*0.20*
Italy, Friuli−Venezia Giulia	66	**1.0**	*0.14*	0.12	*0.02*	6165	**98.7**	*1.42*	11.28	*0.17*
Italy, Genoa	26	**0.6**	*0.14*	0.07	*0.02*	3714	**92.3**	*1.78*	10.27	*0.20*
Italy, Latina	19	**0.9**	*0.21*	0.11	*0.03*	1551	**71.5**	*1.92*	8.03	*0.23*
Italy, Lecco	19	**1.2**	*0.29*	0.16	*0.05*	1521	**98.5**	*2.79*	10.93	*0.33*
Italy, Lombardy, South	19	**0.9**	*0.22*	0.12	*0.03*	2066	**94.4**	*2.34*	10.72	*0.27*
Italy, Mantua	10	**0.9**	*0.29*	0.11	*0.04*	1156	**102.1**	*3.35*	11.88	*0.40*
Italy, Milan	38	**0.8**	*0.14*	0.09	*0.02*	5299	**94.9**	*1.49*	10.60	*0.17*
Italy, Modena	18	**0.6**	*0.14*	0.07	*0.02*	2825	**91.6**	*1.90*	10.09	*0.22*
Italy, Naples	11	**0.7**	*0.20*	0.09	*0.03*	1346	**71.6**	*2.01*	7.97	*0.24*
Italy, Nuoro	10	**0.8**	*0.29*	0.07	*0.03*	724	**66.2**	*2.68*	7.38	*0.31*
Italy, Palermo	33	**0.9**	*0.16*	0.09	*0.02*	2748	**66.3**	*1.36*	7.46	*0.16*
Italy, Parma	16	**0.5**	*0.15*	0.06	*0.02*	1960	**95.0**	*2.44*	10.49	*0.28*
Italy, Ragusa	15	**1.1**	*0.31*	0.11	*0.04*	849	**65.0**	*2.43*	7.37	*0.29*
Italy, Reggio Emilia	16	**0.6**	*0.16*	0.07	*0.02*	2159	**96.3**	*2.30*	10.68	*0.27*
Italy, Romagna	36	**0.6**	*0.11*	0.07	*0.01*	4708	**84.9**	*1.38*	9.33	*0.16*
Italy, Salerno	37	**0.8**	*0.14*	0.10	*0.02*	2627	**57.9**	*1.22*	6.47	*0.14*
Italy, Sassari	19	**1.0**	*0.23*	0.11	*0.03*	1621	**80.4**	*2.13*	9.02	*0.25*
Italy, Sondrio	4	**0.5**	*0.26*	0.06	*0.04*	667	**81.5**	*3.45*	9.03	*0.40*
Italy, South Tyrol	12	**0.8**	*0.23*	0.08	*0.03*	1212	**74.2**	*2.32*	8.28	*0.28*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Breast (C50) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	16	**0.9**	*0.23*	0.10	*0.03*	1064	**63.6**	*2.09*	7.15	*0.25*
Italy, Trapani	9	**0.6**	*0.21*	0.08	*0.03*	927	**61.3**	*2.21*	6.83	*0.26*
Italy, Trento	9	**0.5**	*0.17*	0.07	*0.03*	1482	**80.7**	*2.30*	9.11	*0.28*
Italy, Turin	49	**1.1**	*0.16*	0.14	*0.02*	4057	**85.2**	*1.52*	9.52	*0.17*
Italy, Umbria	43	**0.7**	*0.12*	0.08	*0.02*	3101	**73.6**	*1.49*	8.16	*0.17*
Italy, Varese	28	**0.8**	*0.15*	0.09	*0.02*	3552	**89.3**	*1.64*	9.92	*0.19*
Italy, Veneto	80	**0.9**	*0.11*	0.11	*0.01*	8213	**94.0**	*1.14*	10.52	*0.13*
Latvia	43	**0.7**	*0.11*	0.09	*0.02*	4105	**48.4**	*0.81*	5.50	*0.10*
Lithuania	72	**0.6**	*0.07*	0.08	*0.01*	6795	**46.4**	*0.60*	5.26	*0.07*
Malta	14	**1.0**	*0.27*	0.14	*0.04*	1220	**72.5**	*2.19*	8.09	*0.27*
*The Netherlands	402	**0.6**	*0.03*	0.07	*0.00*	61650	**93.4**	*0.40*	10.64	*0.05*
*The Netherlands, Eindhoven	25	**0.6**	*0.12*	0.08	*0.02*	3933	**96.0**	*1.60*	10.80	*0.19*
Norway	85	**0.4**	*0.05*	0.05	*0.01*	13778	**75.9**	*0.69*	8.57	*0.09*
Poland, Cracow	15	**0.7**	*0.18*	0.08	*0.02*	1626	**60.3**	*1.59*	6.86	*0.19*
Poland, Kielce	20	**0.4**	*0.09*	0.05	*0.01*	2059	**39.9**	*0.93*	4.58	*0.11*
Poland, Lower Silesia	50	**0.5**	*0.08*	0.07	*0.01*	5884	**49.4**	*0.68*	5.70	*0.08*
Poland, Podkarpackie	26	**0.4**	*0.08*	0.05	*0.01*	2722	**35.0**	*0.71*	3.95	*0.09*
Portugal, Azores	5	**0.6**	*0.28*	0.02	*0.02*	487	**56.7**	*2.72*	6.39	*0.33*
Russian Federation, Saint Petersburg	50	**0.3**	*0.05*	0.04	*0.01*	10687	**47.4**	*0.49*	5.43	*0.06*
*Serbia, Central	288	**1.3**	*0.08*	0.16	*0.01*	12585	**53.9**	*0.51*	6.11	*0.06*
Slovakia	112	**0.7**	*0.06*	0.08	*0.01*	10887	**51.7**	*0.52*	5.89	*0.06*
Slovenia	40	**0.5**	*0.08*	0.06	*0.01*	5579	**63.6**	*0.91*	7.26	*0.11*
Spain, Albacete	11	**0.6**	*0.19*	0.05	*0.02*	846	**57.6**	*2.16*	6.27	*0.25*
Spain, Asturias	49	**1.0**	*0.15*	0.12	*0.02*	3091	**57.7**	*1.17*	6.27	*0.13*
Spain, Basque Country	83	**0.8**	*0.10*	0.11	*0.01*	6063	**64.4**	*0.89*	6.88	*0.10*
Spain, Canary Islands	21	**0.5**	*0.11*	0.06	*0.01*	2799	**58.8**	*1.16*	6.57	*0.14*
Spain, Ciudad Real	11	**0.5**	*0.17*	0.06	*0.03*	850	**51.6**	*1.97*	5.67	*0.23*
Spain, Cuenca	10	**1.1**	*0.39*	0.13	*0.05*	447	**50.6**	*2.78*	5.39	*0.30*
Spain, Girona	17	**0.6**	*0.15*	0.06	*0.02*	1791	**67.8**	*1.75*	7.49	*0.21*
*Spain, Granada	21	**0.7**	*0.17*	0.08	*0.02*	1753	**54.8**	*1.39*	5.92	*0.16*
Spain, La Rioja	7	**0.5**	*0.22*	0.06	*0.03*	817	**65.9**	*2.54*	6.99	*0.29*
Spain, Mallorca	18	**0.6**	*0.14*	0.05	*0.02*	1801	**59.7**	*1.51*	6.48	*0.18*
Spain, Murcia	33	**0.7**	*0.13*	0.09	*0.02*	2827	**59.6**	*1.19*	6.57	*0.14*
Spain, Navarra	30	**1.0**	*0.20*	0.09	*0.02*	1659	**69.6**	*1.86*	7.47	*0.21*
Spain, Tarragona	23	**0.8**	*0.17*	0.11	*0.03*	1872	**68.8**	*1.71*	7.50	*0.20*
*Sweden	211	**0.5**	*0.03*	0.05	*0.01*	31645	**81.1**	*0.50*	9.37	*0.06*
Switzerland, Basel	9	**0.4**	*0.15*	0.06	*0.02*	1501	**70.2**	*1.99*	8.06	*0.24*
Switzerland, Geneva	9	**0.5**	*0.17*	0.06	*0.03*	1808	**99.5**	*2.47*	11.42	*0.31*
Switzerland, Graubünden and Glarus	9	**0.7**	*0.26*	0.05	*0.03*	769	**78.3**	*3.04*	9.02	*0.38*
Switzerland, Neuchâtel	3	**0.5**	*0.29*	0.08	*0.05*	706	**89.7**	*3.76*	9.93	*0.45*
Switzerland, St Gall–Appenzell	9	**0.5**	*0.16*	0.08	*0.03*	1446	**64.7**	*1.83*	7.72	*0.24*
Switzerland, Ticino	7	**0.5**	*0.18*	0.05	*0.02*	1320	**83.3**	*2.52*	9.40	*0.30*
Switzerland, Valais	12	**1.0**	*0.30*	0.10	*0.04*	968	**79.5**	*2.71*	9.14	*0.33*
Switzerland, Vaud	23	**0.8**	*0.18*	0.09	*0.03*	2724	**96.6**	*1.98*	11.24	*0.25*
Switzerland, Zurich	27	**0.5**	*0.11*	0.06	*0.01*	4459	**79.1**	*1.27*	9.24	*0.16*
Ukraine	723	**0.5**	*0.02*	0.06	*0.00*	81875	**39.9**	*0.15*	4.49	*0.02*
UK, England	1297	**0.6**	*0.02*	0.07	*0.00*	181414	**85.4**	*0.22*	9.66	*0.03*
UK, England, East of England Region	162	**0.6**	*0.05*	0.07	*0.01*	20476	**85.1**	*0.64*	9.68	*0.08*
UK, England, North Western	179	**0.7**	*0.05*	0.08	*0.01*	23706	**85.3**	*0.60*	9.66	*0.07*
UK, England, Northern and Yorkshire	182	**0.6**	*0.05*	0.07	*0.01*	23861	**83.4**	*0.58*	9.39	*0.07*
UK, England, Oxford Region	65	**0.6**	*0.07*	0.06	*0.01*	10064	**91.9**	*0.97*	10.52	*0.12*
UK, England, South and Western Regions	221	**0.6**	*0.04*	0.06	*0.01*	28388	**89.4**	*0.59*	10.10	*0.07*
UK, England, Thames	243	**0.5**	*0.04*	0.06	*0.01*	37220	**82.6**	*0.46*	9.37	*0.06*
UK, England, Trent	67	**0.4**	*0.06*	0.05	*0.01*	10808	**83.5**	*0.87*	9.35	*0.11*
UK, England, West Midlands	125	**0.5**	*0.05*	0.06	*0.01*	19649	**85.9**	*0.67*	9.64	*0.08*
UK, Northern Ireland	18	**0.3**	*0.06*	0.03	*0.01*	5319	**80.2**	*1.17*	8.91	*0.14*
UK, Scotland	116	**0.5**	*0.05*	0.07	*0.01*	18868	**82.8**	*0.65*	9.36	*0.08*
UK, Wales	74	**0.5**	*0.06*	0.05	*0.01*	11635	**86.1**	*0.88*	9.80	*0.11*
Oceania										
Australian Capital Territory	6	**0.6**	*0.24*	0.07	*0.04*	1027	**92.7**	*2.97*	10.53	*0.39*
Australia, New South Wales	179	**0.7**	*0.05*	0.08	*0.01*	20641	**82.5**	*0.60*	9.41	*0.08*
Australia, Northern Territory	3	**0.5**	*0.27*	0.04	*0.03*	303	**60.3**	*3.67*	6.56	*0.49*
Australia, Northern Territory: Indigenous	1	**0.9**	*0.91*	0.08	*0.08*	43	**39.6**	*6.30*	5.39	*0.99*
Australia, Northern Territory: Non–Indigenous	2	**0.4**	*0.25*	0.04	*0.03*	257	**65.2**	*4.31*	6.73	*0.55*
Australia, Queensland	109	**0.7**	*0.07*	0.08	*0.01*	11939	**84.3**	*0.80*	9.72	*0.10*
South Australia	34	**0.5**	*0.10*	0.07	*0.02*	5194	**83.0**	*1.23*	9.40	*0.15*
Australia, Tasmania	17	**0.7**	*0.19*	0.08	*0.03*	1533	**79.2**	*2.12*	9.20	*0.27*
Australia, Victoria	129	**0.7**	*0.06*	0.08	*0.01*	15303	**81.1**	*0.69*	9.23	*0.09*
Western Australia	36	**0.5**	*0.09*	0.07	*0.01*	5830	**81.7**	*1.11*	9.18	*0.14*
New Zealand	81	**0.5**	*0.06*	0.06	*0.01*	12318	**83.8**	*0.79*	9.39	*0.10*
New Zealand: Maori	4	**0.5**	*0.23*	0.05	*0.03*	1335	**107.4**	*3.04*	12.72	*0.42*
New Zealand: Pacific Islander	6	**1.4**	*0.59*	0.09	*0.05*	459	**88.0**	*4.22*	9.61	*0.54*
New Zealand: Other	71	**0.5**	*0.07*	0.06	*0.01*	10524	**81.2**	*0.83*	9.08	*0.10*
USA, Hawaii	25	**0.5**	*0.11*	0.06	*0.02*	4248	**88.4**	*1.43*	10.33	*0.18*
*USA, Hawaii: Chinese	0	**-**	-	–	-	271	**91.5**	*6.04*	10.66	*0.76*
*USA, Hawaii: Filipino	0	**-**	-	–	-	517	**82.1**	*3.71*	9.34	*0.46*
*USA, Hawaii: Hawaiian	3	**0.5**	*0.32*	0.09	*0.06*	774	**106.4**	*3.93*	12.76	*0.52*
*USA, Hawaii: Japanese	6	**0.4**	*0.18*	0.04	*0.02*	1202	**86.5**	*2.88*	10.04	*0.35*
*USA, Hawaii: White	15	**1.2**	*0.32*	0.13	*0.04*	1167	**98.1**	*3.04*	12.04	*0.43*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vulva (C51)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Africa								
*Algeria, Sétif				5	**0.2**	*0.07*	–	-
Egypt, Gharbiah				49	**0.8**	*0.12*	0.11	*0.02*
*Libya, Benghazi				5	**0.4**	*0.18*	0.04	*0.03*
*Malawi, Blantyre				16	**1.0**	*0.29*	0.09	*0.03*
*South Africa, PROMEC				8	**0.3**	*0.12*	0.03	*0.01*
*Tunisia, North				41	**0.6**	*0.10*	0.07	*0.01*
*Uganda, Kyadondo County				12	**0.6**	*0.22*	0.10	*0.05*
*Zimbabwe, Harare: African				14	**1.1**	*0.39*	0.14	*0.06*
America, Central and South								
Argentina, Bahía Blanca				6	**0.3**	*0.16*	0.04	*0.03*
Argentina, Córdoba				49	**1.1**	*0.17*	0.14	*0.03*
Argentina, Mendoza				69	**1.2**	*0.16*	0.15	*0.02*
*Argentina, Tierra del Fuego				5	**3.0**	*1.35*	0.44	*0.24*
Brazil, Aracaju				10	**1.0**	*0.33*	0.07	*0.04*
Brazil, Belo Horizonte				33	**0.8**	*0.15*	0.10	*0.02*
Brazil, Cuiabá				12	**1.0**	*0.29*	0.10	*0.05*
Brazil, Fortaleza				17	**0.4**	*0.09*	0.03	*0.01*
Brazil, Goiânia				34	**1.3**	*0.22*	0.15	*0.04*
*Brazil, São Paulo				510	**1.6**	*0.08*	0.16	*0.01*
Chile, Region of Antofagasta				17	**1.3**	*0.33*	0.14	*0.05*
Chile, Bío Bío Province				4	**0.3**	*0.17*	0.02	*0.02*
Chile, Valdivia				9	**0.6**	*0.22*	0.04	*0.02*
Colombia, Bucaramanga				20	**0.7**	*0.16*	0.08	*0.02*
Colombia, Cali				55	**0.9**	*0.13*	0.10	*0.02*
Colombia, Manizales				5	**0.3**	*0.15*	0.01	*0.01*
Colombia, Pasto				5	**0.6**	*0.27*	0.09	*0.04*
Costa Rica				92	**0.9**	*0.10*	0.10	*0.01*
Cuba, Villa Clara				29	**1.0**	*0.21*	0.11	*0.03*
Ecuador, Cuenca				9	**0.6**	*0.23*	0.06	*0.03*
Ecuador, Quito				28	**0.8**	*0.15*	0.10	*0.03*
*France, Martinique				3	**0.2**	*0.11*	0.03	*0.02*
*Jamaica, Kingston and St Andrew				8	**0.4**	*0.16*	0.04	*0.02*
USA, Puerto Rico				200	**1.0**	*0.08*	0.12	*0.01*
Uruguay				110	**1.0**	*0.10*	0.10	*0.02*
America, North								
Canada				2044	**1.4**	*0.03*	0.14	*0.00*
Canada, Alberta				189	**1.5**	*0.12*	0.16	*0.02*
Canada, British Columbia				207	**1.0**	*0.08*	0.11	*0.01*
Canada, Manitoba				84	**1.8**	*0.21*	0.19	*0.03*
Canada, New Brunswick				55	**1.7**	*0.24*	0.18	*0.03*
Canada, Newfoundland and Labrador				36	**1.3**	*0.24*	0.15	*0.04*
*Canada, Northwest Territories				1	**1.2**	*1.24*	–	-
Canada, Nova Scotia				83	**1.8**	*0.22*	0.19	*0.03*
Canada, Ontario				827	**1.4**	*0.05*	0.15	*0.01*
Canada, Prince Edward Island				7	**0.8**	*0.36*	0.09	*0.05*
*Canada, Quebec				472	**1.2**	*0.06*	0.13	*0.01*
Canada, Saskatchewan				83	**1.6**	*0.20*	0.20	*0.03*
*Canada, Yukon				0	**-**	-	–	-
USA, NPCR (42 states)				17514	**1.5**	*0.01*	0.16	*0.00*
USA, NPCR (42 states): American Indian				78	**1.0**	*0.12*	0.11	*0.02*
USA, NPCR (42 states): Asian and Pacific Islander				151	**0.4**	*0.03*	0.04	*0.00*
USA, NPCR (42 states): Black				1374	**1.2**	*0.03*	0.12	*0.00*
USA, NPCR (42 states): White				15617	**1.6**	*0.01*	0.17	*0.00*
USA, SEER (9 registries)				1757	**1.5**	*0.04*	0.16	*0.01*
*USA, SEER (9 registries): Black				145	**1.4**	*0.12*	0.14	*0.01*
*USA, SEER (9 registries): White				1499	**1.5**	*0.04*	0.17	*0.01*
USA, SEER (18 registries)				4909	**1.4**	*0.02*	0.15	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander				155	**0.5**	*0.05*	0.06	*0.01*
*USA, SEER (18 registries): Black				394	**1.3**	*0.07*	0.13	*0.01*
*USA, SEER (18 registries): Hispanic White				370	**1.0**	*0.06*	0.11	*0.01*
*USA, SEER (18 registries): Non–Hispanic White				3894	**1.6**	*0.03*	0.17	*0.00*
*USA, SEER (18 registries): White				4264	**1.5**	*0.03*	0.16	*0.00*
USA, Alabama				301	**1.5**	*0.10*	0.16	*0.01*
USA, Alabama: Black				52	**1.3**	*0.18*	0.12	*0.02*
USA, Alabama: White				240	**1.5**	*0.11*	0.17	*0.01*
USA, Alaska				30	**1.6**	*0.30*	0.17	*0.04*
*USA, Alaska: American Indian				5	**1.7**	*0.80*	0.16	*0.08*
USA, Arizona				287	**1.2**	*0.07*	0.13	*0.01*
USA, Arizona: American Indian				6	**0.8**	*0.35*	0.10	*0.04*
USA, Arizona: Asian and Pacific Islander				1	**0.3**	*0.26*	0.03	*0.03*
USA, Arizona: Black				3	**0.5**	*0.29*	0.04	*0.03*
USA, Arizona: White				273	**1.2**	*0.08*	0.13	*0.01*
USA, Arkansas				215	**1.9**	*0.14*	0.20	*0.02*
USA, Arkansas: Black				24	**1.6**	*0.35*	0.18	*0.05*
USA, Arkansas: White				187	**1.9**	*0.15*	0.20	*0.02*
USA, California				1735	**1.2**	*0.03*	0.13	*0.00*
USA, California: American Indian				4	**0.2**	*0.12*	0.01	*0.01*
USA, California: Asian and Pacific Islander				90	**0.5**	*0.06*	0.06	*0.01*
USA, California: Black				95	**1.1**	*0.12*	0.12	*0.01*
USA, California: White				1508	**1.3**	*0.04*	0.14	*0.01*
USA, California, Los Angeles County				447	**1.2**	*0.06*	0.12	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander				27	**0.4**	*0.09*	0.04	*0.01*
*USA, California, Los Angeles County: Black				45	**1.2**	*0.19*	0.12	*0.02*
*USA, California, Los Angeles County: Chinese				10	**0.7**	*0.22*	0.08	*0.03*
*USA, California, Los Angeles County: Filipino				6	**0.4**	*0.19*	0.04	*0.02*
*USA, California, Los Angeles County: Hispanic White				116	**1.1**	*0.11*	0.12	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vulva (C51) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74		Cases	ASR (W)	CUM 0-74	
America, North (contd)								
*USA, California, Los Angeles County: Japanese					2	**0.3**	*0.27*	0.03 *0.03*
*USA, California, Los Angeles County: Korean					6	**0.6**	*0.26*	0.06 *0.04*
*USA, California, Los Angeles County: Non–Hispanic White					251	**1.5**	*0.11*	0.16 *0.01*
*USA, California, Los Angeles County: White					367	**1.3**	*0.07*	0.14 *0.01*
USA, California, San Francisco Bay Area					209	**1.1**	*0.09*	0.13 *0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander					26	**0.6**	*0.13*	0.07 *0.02*
*USA, California, San Francisco Bay Area: Black					20	**1.3**	*0.30*	0.15 *0.04*
*USA, California, San Francisco Bay Area: Hispanic White					10	**0.6**	*0.20*	0.07 *0.03*
*USA, California, San Francisco Bay Area: Non–Hispanic White					149	**1.4**	*0.13*	0.17 *0.02*
*USA, California, San Francisco Bay Area: White					159	**1.3**	*0.11*	0.15 *0.02*
USA, Colorado					251	**1.4**	*0.09*	0.14 *0.01*
USA, Colorado: Asian and Pacific Islander					2	**0.5**	*0.39*	0.06 *0.06*
USA, Colorado: Black					5	**0.9**	*0.39*	0.05 *0.03*
USA, Colorado: White					233	**1.3**	*0.09*	0.14 *0.01*
USA, Connecticut					287	**1.5**	*0.10*	0.15 *0.01*
*USA, Connecticut: Black					17	**1.4**	*0.35*	0.11 *0.03*
*USA, Connecticut: White					267	**1.5**	*0.11*	0.16 *0.01*
USA, Delaware					56	**1.5**	*0.22*	0.17 *0.03*
USA, Delaware: Black					6	**1.1**	*0.47*	0.11 *0.05*
USA, Delaware: White					49	**1.6**	*0.25*	0.18 *0.03*
USA, Florida					1297	**1.5**	*0.05*	0.17 *0.01*
USA, Florida: Asian and Pacific Islander					1	**0.1**	*0.06*	0.01 *0.01*
USA, Florida: Black					91	**1.0**	*0.11*	0.10 *0.01*
USA, Florida: White					1190	**1.6**	*0.05*	0.18 *0.01*
USA, Georgia					530	**1.6**	*0.07*	0.17 *0.01*
USA, Georgia: Asian and Pacific Islander					4	**0.6**	*0.30*	0.06 *0.04*
USA, Georgia: Black					93	**1.1**	*0.12*	0.11 *0.01*
USA, Georgia: White					425	**1.7**	*0.09*	0.19 *0.01*
USA, Georgia, Atlanta					150	**1.4**	*0.12*	0.15 *0.02*
*USA, Georgia, Atlanta: Black					44	**1.3**	*0.21*	0.13 *0.03*
*USA, Georgia, Atlanta: White					97	**1.5**	*0.16*	0.16 *0.02*
USA, Idaho					87	**1.4**	*0.16*	0.13 *0.02*
USA, Illinois					857	**1.5**	*0.06*	0.16 *0.01*
USA, Illinois: Asian and Pacific Islander					4	**0.2**	*0.10*	0.01 *0.01*
USA, Illinois: Black					83	**1.3**	*0.15*	0.15 *0.02*
USA, Illinois: White					748	**1.6**	*0.06*	0.17 *0.01*
USA, Indiana					479	**1.8**	*0.09*	0.19 *0.01*
USA, Indiana: Black					24	**1.4**	*0.30*	0.15 *0.04*
USA, Indiana: White					446	**1.8**	*0.09*	0.19 *0.01*
USA, Iowa					280	**1.9**	*0.13*	0.21 *0.02*
USA, Kentucky					384	**2.2**	*0.12*	0.23 *0.01*
USA, Louisiana					262	**1.8**	*0.12*	0.18 *0.01*
*USA, Louisiana: Black					52	**1.4**	*0.21*	0.15 *0.02*
*USA, Louisiana: White					207	**2.0**	*0.15*	0.20 *0.02*
*USA, Louisiana, New Orleans					50	**1.7**	*0.26*	0.17 *0.03*
*USA, Louisiana, New Orleans: Black					13	**1.4**	*0.40*	0.17 *0.06*
*USA, Louisiana, New Orleans: White					37	**2.0**	*0.36*	0.18 *0.04*
USA, Maine					128	**1.9**	*0.19*	0.21 *0.03*
USA, Massachusetts					545	**1.8**	*0.08*	0.20 *0.01*
USA, Massachusetts: Asian and Pacific Islander					3	**0.5**	*0.28*	0.05 *0.03*
USA, Massachusetts: Black					14	**1.0**	*0.28*	0.11 *0.03*
USA, Massachusetts: White					520	**1.8**	*0.09*	0.20 *0.01*
USA, Michigan					772	**1.7**	*0.07*	0.18 *0.01*
USA, Michigan: Asian and Pacific Islander					2	**0.4**	*0.27*	0.04 *0.03*
USA, Michigan: Black					68	**1.5**	*0.19*	0.16 *0.02*
USA, Michigan: White					686	**1.8**	*0.08*	0.18 *0.01*
USA, Michigan, Detroit					307	**1.7**	*0.11*	0.19 *0.01*
*USA, Michigan, Detroit: Black					56	**1.6**	*0.22*	0.17 *0.03*
*USA, Michigan, Detroit: White					247	**1.8**	*0.13*	0.20 *0.02*
USA, Mississippi					211	**1.8**	*0.14*	0.19 *0.02*
USA, Missouri					485	**1.9**	*0.10*	0.21 *0.01*
USA, Missouri: Black					36	**1.7**	*0.28*	0.19 *0.04*
USA, Missouri: White					446	**2.0**	*0.10*	0.22 *0.01*
USA, Montana					75	**1.7**	*0.22*	0.19 *0.03*
USA, Montana: American Indian					2	**1.1**	*0.77*	0.06 *0.06*
USA, Nebraska					126	**1.5**	*0.15*	0.15 *0.02*
USA, Nebraska: Black					3	**1.5**	*0.93*	0.14 *0.10*
USA, Nebraska: White					116	**1.4**	*0.15*	0.13 *0.02*
USA, New Hampshire					112	**1.7**	*0.18*	0.15 *0.02*
USA, New Jersey					595	**1.4**	*0.07*	0.16 *0.01*
*USA, New Jersey: Black					52	**1.2**	*0.18*	0.13 *0.02*
*USA, New Jersey: White					523	**1.5**	*0.07*	0.16 *0.01*
USA, New Mexico					90	**1.2**	*0.13*	0.13 *0.02*
*USA, New Mexico: Hispanic White					19	**0.7**	*0.18*	0.08 *0.02*
*USA, New Mexico: Non–Hispanic White					58	**1.4**	*0.21*	0.15 *0.02*
*USA, New Mexico: White					77	**1.1**	*0.14*	0.13 *0.02*
USA, New York State					1346	**1.4**	*0.04*	0.15 *0.01*
USA, New York State: Asian and Pacific Islander					12	**0.2**	*0.07*	0.02 *0.01*
USA, New York State: Black					148	**1.2**	*0.10*	0.12 *0.01*
USA, New York State: White					1159	**1.5**	*0.05*	0.16 *0.01*
USA, North Carolina					551	**1.5**	*0.07*	0.16 *0.01*
USA, North Carolina: American Indian					1	**0.3**	*0.28*	0.02 *0.02*
USA, North Carolina: Asian and Pacific Islander					2	**0.4**	*0.29*	0.04 *0.03*
USA, North Carolina: Black					83	**1.2**	*0.14*	0.12 *0.02*
USA, North Carolina: White					461	**1.6**	*0.08*	0.17 *0.01*
USA, North Dakota					50	**1.5**	*0.25*	0.14 *0.03*
USA, Ohio					870	**1.7**	*0.06*	0.18 *0.01*
USA, Ohio: Asian and Pacific Islander					0	**-**	*-*	– *-*
USA, Ohio: Black					47	**1.0**	*0.15*	0.10 *0.02*
USA, Ohio: White					810	**1.8**	*0.07*	0.19 *0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vulva (C51) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
America, North (contd)								
USA, Oklahoma				293	**2.0**	*0.13*	0.22	*0.02*
USA, Oklahoma: American Indian				19	**2.2**	*0.51*	0.24	*0.06*
USA, Oklahoma: Black				8	**1.0**	*0.35*	0.12	*0.05*
USA, Oklahoma: White				265	**2.1**	*0.14*	0.23	*0.02*
USA, Oregon				255	**1.6**	*0.11*	0.18	*0.01*
USA, Oregon: Asian and Pacific Islander				0	**-**	-	–	-
USA, Oregon: Black				3	**1.6**	*0.93*	0.24	*0.17*
USA, Oregon: White				238	**1.6**	*0.11*	0.18	*0.02*
USA, Pennsylvania				1195	**1.9**	*0.06*	0.20	*0.01*
USA, Pennsylvania: Asian and Pacific Islander				2	**0.2**	*0.14*	0.01	*0.01*
USA, Pennsylvania: Black				78	**1.7**	*0.20*	0.17	*0.02*
USA, Pennsylvania: White				1097	**1.9**	*0.07*	0.20	*0.01*
USA, Rhode Island				119	**2.5**	*0.25*	0.28	*0.03*
USA, Rhode Island: Black				4	**2.0**	*0.99*	0.16	*0.08*
USA, Rhode Island: White				108	**2.3**	*0.25*	0.26	*0.03*
USA, South Carolina				306	**1.7**	*0.10*	0.18	*0.01*
USA, South Carolina: Black				42	**0.9**	*0.15*	0.10	*0.02*
USA, South Carolina: White				259	**1.9**	*0.13*	0.21	*0.02*
USA, South Dakota				66	**1.9**	*0.27*	0.21	*0.03*
USA, Tennessee				415	**1.6**	*0.08*	0.17	*0.01*
USA, Tennessee: Black				33	**1.0**	*0.18*	0.12	*0.02*
USA, Tennessee: White				378	**1.7**	*0.09*	0.18	*0.01*
USA, Texas				1130	**1.4**	*0.04*	0.15	*0.01*
USA, Texas: Asian and Pacific Islander				6	**0.2**	*0.10*	0.03	*0.02*
USA, Texas: Black				111	**1.3**	*0.13*	0.14	*0.02*
USA, Texas: White				987	**1.4**	*0.05*	0.15	*0.01*
USA, Utah				82	**1.0**	*0.12*	0.11	*0.02*
USA, Vermont				49	**1.7**	*0.25*	0.17	*0.03*
USA, Virginia				451	**1.4**	*0.07*	0.15	*0.01*
USA, Virginia: Asian and Pacific Islander				4	**0.4**	*0.19*	0.06	*0.03*
USA, Virginia: Black				56	**1.0**	*0.14*	0.10	*0.02*
USA, Virginia: White				380	**1.5**	*0.09*	0.16	*0.01*
USA, Washington State				388	**1.5**	*0.08*	0.16	*0.01*
USA, Washington, Seattle				287	**1.6**	*0.10*	0.18	*0.01*
USA, West Virginia				167	**1.9**	*0.16*	0.21	*0.02*
USA, Wisconsin				380	**1.4**	*0.08*	0.15	*0.01*
USA, Wisconsin: Black				12	**1.4**	*0.41*	0.14	*0.05*
USA, Wisconsin: White				358	**1.3**	*0.08*	0.15	*0.01*
USA, Wyoming				27	**1.3**	*0.27*	0.14	*0.03*
Asia								
Bahrain: Bahraini				0	**-**	-	–	-
China, Beijing City				121	**0.4**	*0.04*	0.05	*0.00*
*China, Cixian County				5	**0.4**	*0.17*	0.06	*0.03*
China, Haining County				6	**0.3**	*0.12*	0.04	*0.02*
*China, Harbin City, Nangang District				10	**0.3**	*0.09*	0.04	*0.02*
China, Hong Kong				147	**0.5**	*0.04*	0.05	*0.01*
China, Jiashan County				4	**0.2**	*0.10*	0.01	*0.01*
China, Jiaxing City				6	**0.5**	*0.21*	0.05	*0.02*
China, Macao				3	**0.2**	*0.09*	0.01	*0.01*
China, Qidong County				3	**0.0**	*0.03*	0.00	*0.00*
*China, Shanghai City				98	**0.3**	*0.03*	0.03	*0.00*
*China, Wuhan City				27	**0.2**	*0.04*	0.02	*0.01*
*China, Yangcheng County				1	**0.1**	*0.14*	0.02	*0.02*
*China, Yanting County				5	**0.3**	*0.13*	0.02	*0.01*
*China, Zhongshan City				13	**0.4**	*0.11*	0.04	*0.02*
*India, Bangalore				43	**0.7**	*0.10*	0.09	*0.02*
*India; Barshi, Paranda, and Bhum				2	**0.1**	*0.09*	0.01	*0.01*
*India, Bhopal				5	**0.3**	*0.12*	0.04	*0.02*
*India, Chennai				51	**0.5**	*0.07*	0.07	*0.01*
*India, Dindigul, Ambilikkai				20	**0.5**	*0.10*	0.07	*0.02*
*India, Karunagappally				3	**0.2**	*0.13*	0.02	*0.01*
*India, Mizoram				13	**0.8**	*0.24*	0.08	*0.03*
*India, Mumbai				65	**0.3**	*0.03*	0.03	*0.00*
*India, New Delhi				104	**0.5**	*0.05*	0.06	*0.01*
*India, Poona				25	**0.3**	*0.07*	0.04	*0.01*
*India, Sikkim State				2	**0.3**	*0.22*	0.02	*0.02*
*India, Trivandrum				4	**0.2**	*0.10*	0.02	*0.01*
*Iran (Islamic Republic of), Golestan Province				1	**0.1**	*0.06*	0.01	*0.01*
Israel				229	**0.9**	*0.06*	0.09	*0.01*
*Israel: Jews				213	**0.9**	*0.07*	0.09	*0.01*
*Israel: Non–Jews				16	**0.8**	*0.22*	0.11	*0.03*
Japan, Aichi Prefecture				18	**0.2**	*0.06*	0.02	*0.01*
Japan, Fukui Prefecture				22	**0.4**	*0.12*	0.03	*0.01*
Japan, Hiroshima				26	**0.3**	*0.07*	0.04	*0.01*
Japan, Miyagi Prefecture				41	**0.2**	*0.04*	0.02	*0.01*
Japan, Nagasaki Prefecture				46	**0.3**	*0.06*	0.03	*0.01*
Japan, Niigata Prefecture				50	**0.3**	*0.05*	0.03	*0.01*
*Japan, Osaka Prefecture				164	**0.3**	*0.02*	0.03	*0.00*
Japan, Saga Prefecture				20	**0.3**	*0.09*	0.04	*0.01*
Republic of Korea				426	**0.3**	*0.01*	0.03	*0.00*
Republic of Korea, Busan				24	**0.2**	*0.04*	0.02	*0.01*
Republic of Korea, Daegu				17	**0.2**	*0.05*	0.02	*0.01*
Republic of Korea, Daejeon				4	**0.1**	*0.04*	0.01	*0.00*
Republic of Korea, Gwangju				14	**0.3**	*0.08*	0.02	*0.01*
Republic of Korea, Incheon				18	**0.2**	*0.06*	0.03	*0.01*
Republic of Korea, Jejudo				2	**0.1**	*0.10*	0.02	*0.02*
Republic of Korea, Seoul				101	**0.3**	*0.03*	0.04	*0.00*
Republic of Korea, Ulsan				8	**0.3**	*0.10*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vulva (C51) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Asia (contd)								
Kuwait				10	**0.3**	*0.13*	0.03	*0.02*
*Kuwait: Kuwaitis				6	**0.4**	*0.17*	0.04	*0.02*
*Kuwait: Non−Kuwaitis				4	**0.3**	*0.18*	0.03	*0.02*
*Malaysia, Penang				10	**0.4**	*0.12*	0.05	*0.02*
*Malaysia, Penang: Chinese				5	**0.3**	*0.14*	0.04	*0.02*
*Malaysia, Penang: Indian				2	**0.9**	*0.65*	0.18	*0.15*
*Malaysia, Penang: Malay				3	**0.3**	*0.19*	0.03	*0.02*
*Philippines, Manila				42	**0.5**	*0.08*	0.06	*0.01*
*Philippines, Rizal				41	**0.4**	*0.06*	0.05	*0.01*
Qatar: Qatari				0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi				5	**0.1**	*0.06*	0.02	*0.01*
Singapore				69	**0.6**	*0.07*	0.06	*0.01*
Singapore: Chinese				62	**0.6**	*0.08*	0.07	*0.01*
Singapore: Indian				2	**0.3**	*0.22*	0.05	*0.03*
Singapore: Malay				4	**0.3**	*0.14*	0.01	*0.01*
Thailand, Bangkok				34	**0.2**	*0.03*	0.01	*0.00*
Thailand, Chiang Mai				39	**0.8**	*0.13*	0.08	*0.02*
Thailand, Chonburi				15	**0.4**	*0.12*	0.05	*0.02*
*Thailand, Khon Kaen				17	**0.3**	*0.08*	0.05	*0.01*
Thailand, Lampang				21	**0.8**	*0.17*	0.09	*0.02*
*Thailand, Songkhla				9	**0.3**	*0.11*	0.05	*0.02*
*Turkey, Antalya				15	**0.4**	*0.10*	0.04	*0.02*
*Turkey, Edirne				4	**0.2**	*0.12*	0.02	*0.02*
*Turkey, Izmir				66	**0.6**	*0.08*	0.06	*0.01*
*Turkey, Trabzon				4	**0.2**	*0.11*	0.01	*0.01*
Europe								
Austria				660	**1.5**	*0.06*	0.16	*0.01*
Austria, Tyrol				44	**1.5**	*0.24*	0.16	*0.03*
Austria, Vorarlberg				27	**1.5**	*0.31*	0.16	*0.04*
*Belarus				755	**1.3**	*0.05*	0.16	*0.01*
*Belgium				710	**1.5**	*0.07*	0.16	*0.01*
Bulgaria				619	**1.3**	*0.06*	0.16	*0.01*
Croatia				346	**1.2**	*0.07*	0.14	*0.01*
Cyprus				39	**1.1**	*0.19*	0.11	*0.03*
Czech Republic				1000	**1.8**	*0.06*	0.20	*0.01*
Denmark				471	**1.7**	*0.09*	0.18	*0.01*
*Estonia				132	**1.4**	*0.13*	0.15	*0.02*
Finland				376	**1.2**	*0.07*	0.13	*0.01*
*France, Bas−Rhin				84	**1.3**	*0.17*	0.12	*0.02*
*France, Calvados				26	**0.7**	*0.15*	0.08	*0.02*
*France, Doubs				46	**1.5**	*0.26*	0.16	*0.03*
*France, Haut−Rhin				51	**1.3**	*0.21*	0.13	*0.03*
*France, Hérault				42	**0.5**	*0.10*	0.04	*0.01*
*France, Isère				44	**0.7**	*0.12*	0.07	*0.02*
*France, Loire−Atlantique				51	**0.7**	*0.12*	0.07	*0.02*
*France, Manche				21	**0.8**	*0.23*	0.07	*0.02*
*France, Somme				29	**0.9**	*0.20*	0.09	*0.03*
*France, Tarn				20	**0.8**	*0.22*	0.08	*0.03*
*France, Vendée				22	**0.9**	*0.24*	0.08	*0.02*
Germany, Brandenburg				301	**1.9**	*0.13*	0.21	*0.02*
Germany, Bremen				90	**2.0**	*0.26*	0.19	*0.03*
Germany, Free State of Saxony				603	**1.8**	*0.09*	0.19	*0.01*
Germany, Hamburg				257	**2.5**	*0.18*	0.30	*0.02*
Germany, Mecklenburg−Western Pomerania				199	**1.7**	*0.14*	0.19	*0.02*
Germany, Munich				420	**1.7**	*0.09*	0.17	*0.01*
Germany, North Rhine−Westphalia				326	**2.1**	*0.13*	0.23	*0.02*
Germany, Saarland				255	**4.1**	*0.29*	0.45	*0.04*
Germany, Schleswig−Holstein				585	**3.6**	*0.17*	0.38	*0.02*
Iceland				11	**0.9**	*0.30*	0.07	*0.03*
Ireland				217	**1.3**	*0.10*	0.14	*0.01*
Italy, Biella				27	**1.7**	*0.40*	0.17	*0.05*
Italy, Brescia				50	**0.9**	*0.15*	0.10	*0.02*
Italy, Catania and Messina				72	**1.1**	*0.15*	0.12	*0.02*
Italy, Catanzaro				22	**1.6**	*0.39*	0.18	*0.05*
Italy, Como				56	**1.2**	*0.20*	0.14	*0.03*
Italy, Ferrara				42	**1.5**	*0.30*	0.14	*0.03*
Italy, Florence and Prato				72	**1.1**	*0.15*	0.12	*0.02*
Italy, Friuli−Venezia Giulia				131	**1.1**	*0.11*	0.11	*0.02*
Italy, Genoa				101	**1.7**	*0.24*	0.17	*0.03*
Italy, Latina				44	**1.4**	*0.24*	0.13	*0.03*
Italy, Lecco				21	**0.9**	*0.21*	0.11	*0.04*
Italy, Lombardy, South				42	**1.3**	*0.23*	0.14	*0.03*
Italy, Mantua				27	**1.3**	*0.29*	0.14	*0.04*
Italy, Milan				73	**0.7**	*0.10*	0.07	*0.01*
Italy, Modena				77	**1.3**	*0.18*	0.15	*0.03*
Italy, Naples				41	**1.8**	*0.31*	0.17	*0.04*
Italy, Nuoro				8	**0.6**	*0.22*	0.07	*0.03*
Italy, Palermo				78	**1.4**	*0.17*	0.18	*0.03*
Italy, Parma				30	**0.8**	*0.17*	0.10	*0.03*
Italy, Ragusa				21	**1.2**	*0.29*	0.13	*0.04*
Italy, Reggio Emilia				49	**1.3**	*0.22*	0.15	*0.03*
Italy, Romagna				117	**1.1**	*0.13*	0.13	*0.02*
Italy, Salerno				77	**1.2**	*0.16*	0.13	*0.02*
Italy, Sassari				19	**0.8**	*0.19*	0.09	*0.03*
Italy, Sondrio				19	**1.3**	*0.34*	0.16	*0.06*
Italy, South Tyrol				35	**1.6**	*0.32*	0.17	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vulva (C51) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Europe (contd)								
Italy, Syracuse				22	**1.0**	*0.25*	0.10	*0.03*
Italy, Trapani				38	**1.5**	*0.31*	0.16	*0.04*
Italy, Trento				41	**1.5**	*0.28*	0.19	*0.04*
Italy, Turin				84	**1.0**	*0.13*	0.12	*0.02*
Italy, Umbria				105	**1.4**	*0.17*	0.16	*0.02*
Italy, Varese				67	**1.0**	*0.14*	0.12	*0.02*
Italy, Veneto				174	**1.3**	*0.12*	0.15	*0.02*
Latvia				162	**1.4**	*0.12*	0.17	*0.02*
Lithuania				274	**1.3**	*0.09*	0.15	*0.01*
Malta				36	**1.6**	*0.28*	0.18	*0.04*
*The Netherlands				1416	**1.7**	*0.05*	0.18	*0.01*
*The Netherlands, Eindhoven				84	**1.7**	*0.20*	0.20	*0.03*
Norway				451	**1.9**	*0.10*	0.20	*0.01*
Poland, Cracow				33	**0.9**	*0.18*	0.11	*0.03*
Poland, Kielce				70	**0.8**	*0.11*	0.08	*0.02*
Poland, Lower Silesia				196	**1.3**	*0.10*	0.15	*0.01*
Poland, Podkarpackie				106	**1.0**	*0.11*	0.11	*0.02*
Portugal, Azores				8	**0.7**	*0.28*	0.09	*0.04*
Russian Federation, Saint Petersburg				354	**1.1**	*0.07*	0.12	*0.01*
*Serbia, Central				459	**1.6**	*0.08*	0.20	*0.01*
Slovakia				350	**1.3**	*0.07*	0.14	*0.01*
Slovenia				247	**2.1**	*0.15*	0.23	*0.02*
Spain, Albacete				29	**1.0**	*0.23*	0.08	*0.03*
Spain, Asturias				101	**1.2**	*0.15*	0.12	*0.02*
Spain, Basque Country				160	**1.2**	*0.11*	0.13	*0.01*
Spain, Canary Islands				62	**1.0**	*0.14*	0.09	*0.02*
Spain, Ciudad Real				24	**1.0**	*0.27*	0.09	*0.03*
Spain, Cuenca				17	**1.2**	*0.35*	0.15	*0.05*
Spain, Girona				43	**1.1**	*0.20*	0.12	*0.03*
*Spain, Granada				50	**1.0**	*0.19*	0.12	*0.02*
Spain, La Rioja				22	**0.8**	*0.22*	0.06	*0.03*
Spain, Mallorca				68	**1.5**	*0.22*	0.14	*0.03*
Spain, Murcia				66	**1.0**	*0.14*	0.12	*0.02*
Spain, Navarra				47	**1.0**	*0.19*	0.09	*0.02*
Spain, Tarragona				56	**1.2**	*0.18*	0.12	*0.03*
*Sweden				803	**1.4**	*0.06*	0.15	*0.01*
Switzerland, Basel				40	**1.2**	*0.23*	0.13	*0.03*
Switzerland, Geneva				31	**1.3**	*0.27*	0.11	*0.03*
Switzerland, Graubünden and Glarus				20	**1.6**	*0.42*	0.16	*0.05*
Switzerland, Neuchâtel				12	**1.6**	*0.67*	0.15	*0.06*
Switzerland, St Gall–Appenzell				34	**1.1**	*0.22*	0.10	*0.03*
Switzerland, Ticino				24	**0.8**	*0.20*	0.09	*0.03*
Switzerland, Valais				16	**0.7**	*0.20*	0.04	*0.02*
Switzerland, Vaud				56	**1.4**	*0.22*	0.14	*0.03*
Switzerland, Zurich				102	**1.4**	*0.15*	0.13	*0.02*
Ukraine				3345	**1.1**	*0.02*	0.14	*0.00*
UK, England				4408	**1.6**	*0.03*	0.17	*0.00*
UK, England, East of England Region				440	**1.4**	*0.08*	0.13	*0.01*
UK, England, North Western				580	**1.7**	*0.08*	0.18	*0.01*
UK, England, Northern and Yorkshire				649	**1.8**	*0.08*	0.19	*0.01*
UK, England, Oxford Region				210	**1.6**	*0.12*	0.18	*0.02*
UK, England, South and Western Regions				731	**1.7**	*0.08*	0.19	*0.01*
UK, England, Thames				759	**1.3**	*0.05*	0.13	*0.01*
UK, England, Trent				322	**1.9**	*0.12*	0.20	*0.02*
UK, England, West Midlands				523	**1.8**	*0.09*	0.19	*0.01*
UK, Northern Ireland				122	**1.5**	*0.15*	0.15	*0.02*
UK, Scotland				493	**1.9**	*0.09*	0.20	*0.01*
UK, Wales				342	**2.0**	*0.13*	0.20	*0.02*
Oceania								
Australian Capital Territory				16	**1.3**	*0.33*	0.12	*0.04*
Australia, New South Wales				445	**1.4**	*0.08*	0.15	*0.01*
Australia, Northern Territory				15	**3.0**	*0.83*	0.27	*0.09*
Australia, Northern Territory: Indigenous				7	**4.6**	*1.78*	0.41	*0.17*
Australia, Northern Territory: Non–Indigenous				8	**2.5**	*0.92*	0.23	*0.11*
Australia, Queensland				208	**1.2**	*0.09*	0.12	*0.01*
South Australia				107	**1.2**	*0.13*	0.12	*0.02*
Australia, Tasmania				36	**1.4**	*0.27*	0.14	*0.03*
Australia, Victoria				333	**1.4**	*0.09*	0.15	*0.01*
Western Australia				120	**1.4**	*0.14*	0.15	*0.02*
New Zealand				245	**1.4**	*0.10*	0.13	*0.01*
New Zealand: Maori				23	**1.7**	*0.38*	0.17	*0.04*
New Zealand: Pacific Islander				3	**0.6**	*0.37*	0.06	*0.05*
New Zealand: Other				219	**1.3**	*0.10*	0.12	*0.01*
USA, Hawaii				65	**1.1**	*0.16*	0.13	*0.02*
*USA, Hawaii: Chinese				0	**-**	-	–	-
*USA, Hawaii: Filipino				5	**0.7**	*0.35*	0.12	*0.06*
*USA, Hawaii: Hawaiian				9	**1.0**	*0.35*	0.10	*0.04*
*USA, Hawaii: Japanese				22	**0.9**	*0.26*	0.10	*0.04*
*USA, Hawaii: White				24	**2.1**	*0.45*	0.24	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vagina (C52)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Africa								
*Algeria, Sétif				3	**0.1**	*0.07*	–	-
Egypt, Gharbiah				15	**0.2**	*0.06*	0.03	*0.01*
*Libya, Benghazi				3	**0.2**	*0.14*	0.02	*0.02*
*Malawi, Blantyre				16	**1.4**	*0.41*	0.16	*0.05*
*South Africa, PROMEC				8	**0.3**	*0.12*	0.05	*0.02*
*Tunisia, North				20	**0.3**	*0.07*	0.03	*0.01*
*Uganda, Kyadondo County				9	**0.6**	*0.22*	0.07	*0.03*
*Zimbabwe, Harare: African				4	**0.2**	*0.12*	0.02	*0.01*
America, Central and South								
Argentina, Bahía Blanca				11	**1.0**	*0.34*	0.09	*0.04*
Argentina, Córdoba				14	**0.4**	*0.11*	0.04	*0.01*
Argentina, Mendoza				24	**0.5**	*0.10*	0.06	*0.01*
*Argentina, Tierra del Fuego				1	**0.4**	*0.37*	0.02	*0.02*
Brazil, Aracaju				6	**0.9**	*0.36*	0.13	*0.06*
Brazil, Belo Horizonte				24	**0.6**	*0.13*	0.07	*0.02*
Brazil, Cuiabá				7	**0.6**	*0.25*	0.10	*0.05*
Brazil, Fortaleza				22	**0.5**	*0.11*	0.06	*0.02*
Brazil, Goiânia				22	**0.8**	*0.17*	0.07	*0.02*
*Brazil, São Paulo				348	**1.1**	*0.07*	0.11	*0.01*
Chile, Region of Antofagasta				7	**0.6**	*0.21*	0.06	*0.02*
Chile, Bío Bío Province				9	**0.8**	*0.28*	0.09	*0.04*
Chile, Valdivia				2	**0.2**	*0.11*	0.01	*0.01*
Colombia, Bucaramanga				20	**0.8**	*0.17*	0.10	*0.03*
Colombia, Cali				31	**0.6**	*0.11*	0.08	*0.02*
Colombia, Manizales				5	**0.5**	*0.21*	0.07	*0.03*
Colombia, Pasto				0	**-**	-	–	-
Costa Rica				25	**0.2**	*0.05*	0.03	*0.01*
Cuba, Villa Clara				4	**0.1**	*0.08*	0.01	*0.01*
Ecuador, Cuenca				5	**0.4**	*0.19*	0.06	*0.03*
Ecuador, Quito				15	**0.5**	*0.12*	0.05	*0.02*
*France, Martinique				10	**0.5**	*0.16*	0.05	*0.02*
*Jamaica, Kingston and St Andrew				3	**0.1**	*0.08*	0.02	*0.02*
USA, Puerto Rico				110	**0.7**	*0.07*	0.08	*0.01*
Uruguay				39	**0.4**	*0.08*	0.05	*0.01*
America, North								
Canada				621	**0.4**	*0.02*	0.05	*0.00*
Canada, Alberta				53	**0.4**	*0.07*	0.05	*0.01*
Canada, British Columbia				84	**0.4**	*0.05*	0.05	*0.01*
Canada, Manitoba				20	**0.4**	*0.11*	0.05	*0.01*
Canada, New Brunswick				21	**0.5**	*0.13*	0.06	*0.02*
Canada, Newfoundland and Labrador				7	**0.3**	*0.10*	0.02	*0.01*
*Canada, Northwest Territories				1	**1.7**	*1.65*	0.41	*0.41*
Canada, Nova Scotia				33	**0.7**	*0.13*	0.07	*0.02*
Canada, Ontario				251	**0.5**	*0.03*	0.05	*0.00*
Canada, Prince Edward Island				3	**0.5**	*0.29*	0.07	*0.05*
*Canada, Quebec				135	**0.3**	*0.03*	0.03	*0.00*
Canada, Saskatchewan				13	**0.3**	*0.09*	0.04	*0.01*
*Canada, Yukon				0	**-**	-	–	-
USA, NPCR (42 states)				5057	**0.4**	*0.01*	0.05	*0.00*
USA, NPCR (42 states): American Indian				25	**0.3**	*0.07*	0.04	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander				116	**0.3**	*0.03*	0.04	*0.00*
USA, NPCR (42 states): Black				808	**0.7**	*0.03*	0.07	*0.00*
USA, NPCR (42 states): White				4035	**0.4**	*0.01*	0.05	*0.00*
USA, SEER (9 registries)				536	**0.5**	*0.02*	0.05	*0.00*
*USA, SEER (9 registries): Black				85	**0.8**	*0.09*	0.10	*0.01*
*USA, SEER (9 registries): White				410	**0.4**	*0.02*	0.05	*0.00*
USA, SEER (18 registries)				1578	**0.5**	*0.01*	0.05	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander				87	**0.3**	*0.04*	0.04	*0.01*
*USA, SEER (18 registries): Black				227	**0.8**	*0.05*	0.09	*0.01*
*USA, SEER (18 registries): Hispanic White				175	**0.5**	*0.04*	0.06	*0.01*
*USA, SEER (18 registries): Non–Hispanic White				1068	**0.4**	*0.02*	0.05	*0.00*
*USA, SEER (18 registries): White				1243	**0.5**	*0.01*	0.05	*0.00*
USA, Alabama				94	**0.5**	*0.05*	0.05	*0.01*
USA, Alabama: Black				25	**0.6**	*0.13*	0.06	*0.02*
USA, Alabama: White				67	**0.4**	*0.06*	0.05	*0.01*
USA, Alaska				12	**0.6**	*0.18*	0.05	*0.02*
*USA, Alaska: American Indian				2	**0.6**	*0.43*	0.03	*0.03*
USA, Arizona				81	**0.3**	*0.04*	0.04	*0.01*
USA, Arizona: American Indian				1	**0.2**	*0.17*	0.02	*0.02*
USA, Arizona: Asian and Pacific Islander				1	**0.3**	*0.26*	0.04	*0.04*
USA, Arizona: Black				0	**-**	-	–	-
USA, Arizona: White				77	**0.3**	*0.04*	0.04	*0.01*
USA, Arkansas				64	**0.5**	*0.07*	0.06	*0.01*
USA, Arkansas: Black				12	**0.8**	*0.25*	0.08	*0.03*
USA, Arkansas: White				52	**0.5**	*0.07*	0.05	*0.01*
USA, California				593	**0.4**	*0.02*	0.05	*0.00*
USA, California: American Indian				1	**0.1**	*0.07*	0.01	*0.01*
USA, California: Asian and Pacific Islander				47	**0.3**	*0.04*	0.04	*0.01*
USA, California: Black				52	**0.6**	*0.09*	0.06	*0.01*
USA, California: White				476	**0.4**	*0.02*	0.05	*0.00*
USA, California, Los Angeles County				177	**0.5**	*0.04*	0.06	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander				18	**0.3**	*0.08*	0.05	*0.01*
*USA, California, Los Angeles County: Black				18	**0.6**	*0.16*	0.06	*0.02*
*USA, California, Los Angeles County: Chinese				6	**0.4**	*0.16*	0.06	*0.03*
*USA, California, Los Angeles County: Filipino				4	**0.3**	*0.16*	0.03	*0.02*
*USA, California, Los Angeles County: Hispanic White				64	**0.6**	*0.08*	0.07	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vagina (C52) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74		Cases	ASR (W)	CUM 0-74	
America, North (contd)								
*USA, California, Los Angeles County: Japanese					1	**0.1**	*0.09*	0.02 *0.02*
*USA, California, Los Angeles County: Korean					3	**0.3**	*0.19*	0.04 *0.03*
*USA, California, Los Angeles County: Non−Hispanic White					75	**0.5**	*0.06*	0.05 *0.01*
*USA, California, Los Angeles County: White					139	**0.5**	*0.05*	0.06 *0.01*
USA, California, San Francisco Bay Area					71	**0.4**	*0.06*	0.05 *0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander					14	**0.4**	*0.11*	0.05 *0.02*
*USA, California, San Francisco Bay Area: Black					12	**0.8**	*0.24*	0.09 *0.03*
*USA, California, San Francisco Bay Area: Hispanic White					10	**0.6**	*0.20*	0.07 *0.03*
*USA, California, San Francisco Bay Area: Non−Hispanic White					35	**0.4**	*0.07*	0.04 *0.01*
*USA, California, San Francisco Bay Area: White					45	**0.4**	*0.07*	0.05 *0.01*
USA, Colorado					71	**0.4**	*0.05*	0.04 *0.01*
USA, Colorado: Asian and Pacific Islander					5	**1.1**	*0.51*	0.10 *0.05*
USA, Colorado: Black					4	**0.8**	*0.39*	0.11 *0.07*
USA, Colorado: White					62	**0.4**	*0.05*	0.04 *0.01*
USA, Connecticut					80	**0.4**	*0.05*	0.05 *0.01*
*USA, Connecticut: Black					9	**0.8**	*0.27*	0.09 *0.04*
*USA, Connecticut: White					69	**0.4**	*0.06*	0.04 *0.01*
USA, Delaware					15	**0.4**	*0.12*	0.05 *0.01*
USA, Delaware: Black					5	**0.8**	*0.36*	0.06 *0.03*
USA, Delaware: White					10	**0.4**	*0.12*	0.04 *0.02*
USA, Florida					363	**0.4**	*0.03*	0.05 *0.00*
USA, Florida: Asian and Pacific Islander					5	**0.3**	*0.14*	0.04 *0.02*
USA, Florida: Black					62	**0.7**	*0.09*	0.07 *0.01*
USA, Florida: White					290	**0.4**	*0.03*	0.04 *0.00*
USA, Georgia					203	**0.6**	*0.04*	0.07 *0.01*
USA, Georgia: Asian and Pacific Islander					2	**0.3**	*0.22*	0.04 *0.04*
USA, Georgia: Black					69	**0.9**	*0.11*	0.11 *0.02*
USA, Georgia: White					132	**0.5**	*0.05*	0.05 *0.01*
USA, Georgia, Atlanta					63	**0.6**	*0.08*	0.07 *0.01*
*USA, Georgia, Atlanta: Black					31	**1.1**	*0.20*	0.13 *0.03*
*USA, Georgia, Atlanta: White					31	**0.4**	*0.08*	0.04 *0.01*
USA, Idaho					28	**0.5**	*0.11*	0.08 *0.02*
USA, Illinois					252	**0.5**	*0.03*	0.05 *0.00*
USA, Illinois: Asian and Pacific Islander					7	**0.4**	*0.15*	0.04 *0.02*
USA, Illinois: Black					59	**0.8**	*0.11*	0.08 *0.01*
USA, Illinois: White					182	**0.4**	*0.03*	0.05 *0.00*
USA, Indiana					126	**0.5**	*0.05*	0.05 *0.01*
USA, Indiana: Black					13	**0.7**	*0.21*	0.08 *0.03*
USA, Indiana: White					112	**0.4**	*0.05*	0.05 *0.01*
USA, Iowa					65	**0.4**	*0.06*	0.05 *0.01*
USA, Kentucky					105	**0.6**	*0.06*	0.06 *0.01*
USA, Louisiana					82	**0.6**	*0.07*	0.07 *0.01*
*USA, Louisiana: Black					23	**0.6**	*0.13*	0.07 *0.02*
*USA, Louisiana: White					59	**0.6**	*0.09*	0.07 *0.01*
*USA, Louisiana, New Orleans					17	**0.6**	*0.17*	0.06 *0.02*
*USA, Louisiana, New Orleans: Black					3	**0.3**	*0.17*	0.03 *0.02*
*USA, Louisiana, New Orleans: White					14	**0.9**	*0.32*	0.08 *0.03*
USA, Maine					32	**0.5**	*0.10*	0.05 *0.01*
USA, Massachusetts					123	**0.4**	*0.04*	0.05 *0.01*
USA, Massachusetts: Asian and Pacific Islander					2	**0.3**	*0.18*	0.03 *0.02*
USA, Massachusetts: Black					16	**1.3**	*0.33*	0.15 *0.05*
USA, Massachusetts: White					103	**0.4**	*0.04*	0.04 *0.01*
USA, Michigan					224	**0.5**	*0.04*	0.06 *0.01*
USA, Michigan: Asian and Pacific Islander					1	**0.2**	*0.23*	0.04 *0.04*
USA, Michigan: Black					30	**0.6**	*0.12*	0.08 *0.02*
USA, Michigan: White					186	**0.5**	*0.04*	0.05 *0.01*
USA, Michigan, Detroit					94	**0.5**	*0.06*	0.06 *0.01*
*USA, Michigan, Detroit: Black					28	**0.8**	*0.16*	0.10 *0.02*
*USA, Michigan, Detroit: White					66	**0.5**	*0.07*	0.05 *0.01*
USA, Mississippi					68	**0.6**	*0.08*	0.07 *0.01*
USA, Missouri					112	**0.4**	*0.04*	0.05 *0.01*
USA, Missouri: Black					16	**0.7**	*0.17*	0.08 *0.02*
USA, Missouri: White					95	**0.4**	*0.05*	0.05 *0.01*
USA, Montana					17	**0.3**	*0.09*	0.03 *0.01*
USA, Montana: American Indian					2	**1.4**	*1.00*	0.11 *0.11*
USA, Nebraska					29	**0.4**	*0.08*	0.05 *0.01*
USA, Nebraska: Black					2	**1.0**	*0.71*	0.17 *0.14*
USA, Nebraska: White					26	**0.3**	*0.08*	0.04 *0.01*
USA, New Hampshire					17	**0.3**	*0.07*	0.02 *0.01*
USA, New Jersey					191	**0.5**	*0.04*	0.06 *0.01*
*USA, New Jersey: Black					35	**0.9**	*0.15*	0.12 *0.02*
*USA, New Jersey: White					143	**0.4**	*0.04*	0.05 *0.01*
USA, New Mexico					36	**0.4**	*0.08*	0.05 *0.01*
*USA, New Mexico: Hispanic White					14	**0.6**	*0.16*	0.07 *0.02*
*USA, New Mexico: Non−Hispanic White					20	**0.4**	*0.09*	0.04 *0.01*
*USA, New Mexico: White					34	**0.5**	*0.09*	0.05 *0.01*
USA, New York State					403	**0.5**	*0.03*	0.05 *0.00*
USA, New York State: Asian and Pacific Islander					10	**0.2**	*0.07*	0.02 *0.01*
USA, New York State: Black					99	**0.8**	*0.08*	0.08 *0.01*
USA, New York State: White					286	**0.4**	*0.03*	0.04 *0.00*
USA, North Carolina					173	**0.5**	*0.04*	0.05 *0.01*
USA, North Carolina: American Indian					1	**0.4**	*0.36*	0.06 *0.06*
USA, North Carolina: Asian and Pacific Islander					1	**0.1**	*0.15*	0.01 *0.01*
USA, North Carolina: Black					42	**0.6**	*0.10*	0.07 *0.01*
USA, North Carolina: White					129	**0.4**	*0.04*	0.05 *0.01*
USA, North Dakota					8	**0.2**	*0.10*	0.03 *0.01*
USA, Ohio					224	**0.4**	*0.03*	0.04 *0.00*
USA, Ohio: Asian and Pacific Islander					3	**0.7**	*0.42*	0.09 *0.06*
USA, Ohio: Black					29	**0.5**	*0.11*	0.06 *0.01*
USA, Ohio: White					189	**0.4**	*0.03*	0.04 *0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vagina (C52) (contd)

	Male			Female				
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
America, North (contd)								
USA, Oklahoma				76	**0.5**	*0.06*	0.06	*0.01*
USA, Oklahoma: American Indian				8	**0.8**	*0.31*	0.14	*0.06*
USA, Oklahoma: Black				4	**0.4**	*0.22*	0.02	*0.02*
USA, Oklahoma: White				64	**0.5**	*0.07*	0.06	*0.01*
USA, Oregon				58	**0.4**	*0.06*	0.04	*0.01*
USA, Oregon: Asian and Pacific Islander				1	**0.2**	*0.22*	0.02	*0.02*
USA, Oregon: Black				2	**1.1**	*0.75*	0.06	*0.05*
USA, Oregon: White				54	**0.4**	*0.06*	0.04	*0.01*
USA, Pennsylvania				277	**0.4**	*0.03*	0.05	*0.00*
USA, Pennsylvania: Asian and Pacific Islander				1	**0.1**	*0.11*	0.01	*0.01*
USA, Pennsylvania: Black				34	**0.7**	*0.13*	0.08	*0.02*
USA, Pennsylvania: White				237	**0.4**	*0.03*	0.05	*0.00*
USA, Rhode Island				16	**0.3**	*0.09*	0.03	*0.01*
USA, Rhode Island: Black				0	**-**	-	–	-
USA, Rhode Island: White				15	**0.3**	*0.09*	0.03	*0.01*
USA, South Carolina				100	**0.5**	*0.05*	0.06	*0.01*
USA, South Carolina: Black				24	**0.5**	*0.12*	0.06	*0.02*
USA, South Carolina: White				74	**0.5**	*0.06*	0.06	*0.01*
USA, South Dakota				13	**0.3**	*0.10*	0.04	*0.02*
USA, Tennessee				136	**0.5**	*0.05*	0.06	*0.01*
USA, Tennessee: Black				21	**0.7**	*0.16*	0.10	*0.03*
USA, Tennessee: White				110	**0.5**	*0.05*	0.05	*0.01*
USA, Texas				391	**0.5**	*0.02*	0.05	*0.00*
USA, Texas: Asian and Pacific Islander				6	**0.3**	*0.14*	0.06	*0.03*
USA, Texas: Black				65	**0.7**	*0.09*	0.07	*0.01*
USA, Texas: White				315	**0.4**	*0.03*	0.05	*0.00*
USA, Utah				23	**0.3**	*0.07*	0.03	*0.01*
USA, Vermont				17	**0.7**	*0.17*	0.09	*0.03*
USA, Virginia				139	**0.4**	*0.04*	0.05	*0.01*
USA, Virginia: Asian and Pacific Islander				5	**0.5**	*0.22*	0.08	*0.04*
USA, Virginia: Black				40	**0.7**	*0.12*	0.07	*0.02*
USA, Virginia: White				91	**0.4**	*0.04*	0.04	*0.01*
USA, Washington State				118	**0.4**	*0.04*	0.05	*0.01*
USA, Washington, Seattle				82	**0.5**	*0.06*	0.05	*0.01*
USA, West Virginia				47	**0.5**	*0.08*	0.05	*0.01*
USA, Wisconsin				81	**0.3**	*0.04*	0.04	*0.01*
USA, Wisconsin: Black				7	**0.7**	*0.28*	0.08	*0.04*
USA, Wisconsin: White				73	**0.3**	*0.05*	0.04	*0.01*
USA, Wyoming				11	**0.7**	*0.25*	0.06	*0.02*
Asia								
Bahrain: Bahraini				0	**-**	-	–	-
China, Beijing City				41	**0.2**	*0.04*	0.02	*0.00*
*China, Cixian County				2	**0.1**	*0.10*	0.04	*0.03*
China, Haining County				2	**0.1**	*0.06*	0.01	*0.01*
*China, Harbin City, Nangang District				10	**0.3**	*0.09*	0.03	*0.01*
China, Hong Kong				97	**0.3**	*0.04*	0.04	*0.01*
China, Jiashan County				0	**-**	-	–	-
China, Jiaxing City				1	**0.1**	*0.08*	0.01	*0.01*
China, Macao				6	**0.4**	*0.17*	0.05	*0.03*
China, Qidong County				2	**0.1**	*0.04*	0.01	*0.01*
*China, Shanghai City				39	**0.1**	*0.02*	0.01	*0.00*
*China, Wuhan City				29	**0.2**	*0.04*	0.02	*0.00*
*China, Yangcheng County				3	**0.3**	*0.17*	0.03	*0.02*
*China, Yanting County				1	**0.1**	*0.06*	0.01	*0.01*
*China, Zhongshan City				9	**0.3**	*0.11*	0.03	*0.01*
*India, Bangalore				54	**0.8**	*0.11*	0.09	*0.02*
*India; Barshi, Paranda, and Bhum				6	**0.5**	*0.21*	0.06	*0.03*
*India, Bhopal				7	**0.4**	*0.14*	0.05	*0.02*
*India, Chennai				79	**0.8**	*0.09*	0.10	*0.01*
*India, Dindigul, Ambilikkai				39	**0.8**	*0.13*	0.10	*0.02*
*India, Karunagappally				2	**0.2**	*0.11*	0.01	*0.01*
*India, Mizoram				4	**0.3**	*0.13*	0.02	*0.02*
*India, Mumbai				160	**0.7**	*0.05*	0.07	*0.01*
*India, New Delhi				97	**0.4**	*0.04*	0.05	*0.01*
*India, Poona				44	**0.6**	*0.09*	0.07	*0.01*
*India, Sikkim State				4	**0.6**	*0.28*	0.10	*0.06*
*India, Trivandrum				8	**0.4**	*0.15*	0.06	*0.03*
*Iran (Islamic Republic of), Golestan Province				3	**0.2**	*0.14*	0.04	*0.02*
Israel				71	**0.3**	*0.04*	0.03	*0.00*
*Israel: Jews				70	**0.3**	*0.05*	0.03	*0.01*
*Israel: Non–Jews				1	**0.0**	*0.05*	–	-
Japan, Aichi Prefecture				15	**0.3**	*0.09*	0.03	*0.01*
Japan, Fukui Prefecture				8	**0.2**	*0.08*	0.03	*0.01*
Japan, Hiroshima				11	**0.2**	*0.06*	0.02	*0.01*
Japan, Miyagi Prefecture				23	**0.1**	*0.03*	0.01	*0.00*
Japan, Nagasaki Prefecture				12	**0.1**	*0.04*	0.01	*0.00*
Japan, Niigata Prefecture				21	**0.2**	*0.04*	0.02	*0.00*
*Japan, Osaka Prefecture				75	**0.1**	*0.02*	0.01	*0.00*
Japan, Saga Prefecture				15	**0.2**	*0.06*	0.03	*0.01*
Republic of Korea				295	**0.2**	*0.01*	0.02	*0.00*
Republic of Korea, Busan				15	**0.1**	*0.03*	0.02	*0.00*
Republic of Korea, Daegu				24	**0.3**	*0.06*	0.03	*0.01*
Republic of Korea, Daejeon				5	**0.1**	*0.05*	0.01	*0.00*
Republic of Korea, Gwangju				8	**0.2**	*0.07*	0.01	*0.01*
Republic of Korea, Incheon				12	**0.2**	*0.05*	0.02	*0.01*
Republic of Korea, Jejudo				3	**0.2**	*0.12*	0.03	*0.02*
Republic of Korea, Seoul				67	**0.2**	*0.03*	0.02	*0.00*
Republic of Korea, Ulsan				10	**0.4**	*0.13*	0.06	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vagina (C52) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Asia (contd)								
Kuwait				1	**0.1**	*0.06*	–	-
*Kuwait: Kuwaitis				1	**0.1**	*0.09*	–	-
*Kuwait: Non–Kuwaitis				0	**-**	-	–	-
*Malaysia, Penang				9	**0.3**	*0.11*	0.03	*0.01*
*Malaysia, Penang: Chinese				4	**0.2**	*0.11*	0.01	*0.01*
*Malaysia, Penang: Indian				2	**0.8**	*0.59*	0.11	*0.09*
*Malaysia, Penang: Malay				3	**0.3**	*0.18*	0.03	*0.02*
*Philippines, Manila				33	**0.3**	*0.05*	0.03	*0.01*
*Philippines, Rizal				31	**0.3**	*0.06*	0.04	*0.01*
Qatar: Qatari				0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi				6	**0.1**	*0.06*	0.01	*0.01*
Singapore				38	**0.3**	*0.06*	0.04	*0.01*
Singapore: Chinese				31	**0.4**	*0.07*	0.04	*0.01*
Singapore: Indian				2	**0.3**	*0.19*	0.02	*0.02*
Singapore: Malay				4	**0.3**	*0.17*	0.03	*0.02*
Thailand, Bangkok				47	**0.3**	*0.04*	0.03	*0.01*
Thailand, Chiang Mai				13	**0.3**	*0.10*	0.03	*0.01*
Thailand, Chonburi				5	**0.2**	*0.07*	0.02	*0.01*
*Thailand, Khon Kaen				7	**0.1**	*0.05*	0.01	*0.00*
Thailand, Lampang				3	**0.1**	*0.08*	0.02	*0.01*
*Thailand, Songkhla				3	**0.1**	*0.06*	0.01	*0.01*
*Turkey, Antalya				6	**0.2**	*0.06*	0.01	*0.01*
*Turkey, Edirne				1	**0.1**	*0.10*	0.01	*0.01*
*Turkey, Izmir				16	**0.1**	*0.04*	0.02	*0.00*
*Turkey, Trabzon				2	**0.1**	*0.11*	0.01	*0.01*
Europe								
Austria				239	**0.5**	*0.04*	0.05	*0.00*
Austria, Tyrol				19	**0.4**	*0.11*	0.04	*0.02*
Austria, Vorarlberg				13	**0.8**	*0.24*	0.10	*0.03*
*Belarus				168	**0.4**	*0.03*	0.04	*0.00*
*Belgium				197	**0.4**	*0.04*	0.05	*0.00*
Bulgaria				139	**0.3**	*0.03*	0.04	*0.00*
Croatia				76	**0.3**	*0.04*	0.04	*0.01*
Cyprus				3	**0.1**	*0.05*	0.00	*0.00*
Czech Republic				247	**0.5**	*0.04*	0.05	*0.00*
Denmark				122	**0.4**	*0.04*	0.04	*0.01*
*Estonia				29	**0.4**	*0.08*	0.04	*0.01*
Finland				97	**0.3**	*0.04*	0.03	*0.00*
*France, Bas–Rhin				15	**0.3**	*0.09*	0.02	*0.01*
*France, Calvados				12	**0.4**	*0.12*	0.05	*0.02*
*France, Doubs				5	**0.2**	*0.08*	0.03	*0.02*
*France, Haut–Rhin				14	**0.3**	*0.10*	0.03	*0.01*
*France, Hérault				15	**0.3**	*0.08*	0.03	*0.01*
*France, Isère				14	**0.2**	*0.07*	0.03	*0.01*
*France, Loire–Atlantique				22	**0.3**	*0.08*	0.03	*0.01*
*France, Manche				3	**0.1**	*0.09*	0.01	*0.01*
*France, Somme				12	**0.3**	*0.10*	0.02	*0.01*
*France, Tarn				5	**0.2**	*0.11*	0.02	*0.01*
*France, Vendée				12	**0.3**	*0.11*	0.04	*0.02*
Germany, Brandenburg				62	**0.4**	*0.06*	0.04	*0.01*
Germany, Bremen				18	**0.3**	*0.09*	0.03	*0.01*
Germany, Free State of Saxony				131	**0.4**	*0.04*	0.04	*0.01*
Germany, Hamburg				63	**0.6**	*0.09*	0.06	*0.01*
Germany, Mecklenburg–Western Pomerania				45	**0.4**	*0.06*	0.03	*0.01*
Germany, Munich				97	**0.4**	*0.06*	0.04	*0.01*
Germany, North Rhine–Westphalia				61	**0.4**	*0.06*	0.05	*0.01*
Germany, Saarland				32	**0.5**	*0.10*	0.06	*0.01*
Germany, Schleswig–Holstein				71	**0.4**	*0.07*	0.05	*0.01*
Iceland				2	**0.1**	*0.06*	–	-
Ireland				59	**0.4**	*0.05*	0.03	*0.01*
Italy, Biella				3	**0.1**	*0.05*	–	-
Italy, Brescia				8	**0.1**	*0.05*	0.01	*0.01*
Italy, Catania and Messina				16	**0.3**	*0.09*	0.04	*0.01*
Italy, Catanzaro				8	**0.5**	*0.22*	0.06	*0.03*
Italy, Como				14	**0.5**	*0.16*	0.05	*0.02*
Italy, Ferrara				11	**0.2**	*0.07*	0.02	*0.01*
Italy, Florence and Prato				12	**0.1**	*0.05*	0.02	*0.01*
Italy, Friuli–Venezia Giulia				26	**0.3**	*0.07*	0.03	*0.01*
Italy, Genoa				18	**0.2**	*0.07*	0.03	*0.01*
Italy, Latina				4	**0.1**	*0.05*	0.01	*0.01*
Italy, Lecco				6	**0.2**	*0.10*	0.01	*0.01*
Italy, Lombardy, South				13	**0.4**	*0.12*	0.05	*0.02*
Italy, Mantua				6	**0.4**	*0.19*	0.04	*0.02*
Italy, Milan				23	**0.3**	*0.07*	0.03	*0.01*
Italy, Modena				9	**0.3**	*0.16*	0.02	*0.01*
Italy, Naples				6	**0.3**	*0.13*	0.03	*0.02*
Italy, Nuoro				2	**0.1**	*0.07*	0.02	*0.02*
Italy, Palermo				17	**0.3**	*0.08*	0.03	*0.01*
Italy, Parma				7	**0.3**	*0.12*	0.04	*0.02*
Italy, Ragusa				6	**0.4**	*0.17*	0.03	*0.02*
Italy, Reggio Emilia				10	**0.3**	*0.13*	0.03	*0.02*
Italy, Romagna				25	**0.3**	*0.07*	0.04	*0.01*
Italy, Salerno				17	**0.3**	*0.08*	0.03	*0.01*
Italy, Sassari				7	**0.3**	*0.12*	0.03	*0.01*
Italy, Sondrio				1	**0.2**	*0.16*	0.02	*0.02*
Italy, South Tyrol				6	**0.3**	*0.13*	0.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vagina (C52) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Europe (contd)								
Italy, Syracuse				7	**0.4**	*0.16*	0.06	*0.02*
Italy, Trapani				4	**0.3**	*0.16*	0.04	*0.02*
Italy, Trento				11	**0.5**	*0.16*	0.05	*0.02*
Italy, Turin				20	**0.3**	*0.09*	0.03	*0.01*
Italy, Umbria				25	**0.4**	*0.10*	0.05	*0.01*
Italy, Varese				15	**0.3**	*0.09*	0.03	*0.01*
Italy, Veneto				34	**0.2**	*0.05*	0.03	*0.01*
Latvia				31	**0.3**	*0.05*	0.02	*0.01*
Lithuania				53	**0.3**	*0.05*	0.03	*0.01*
Malta				5	**0.2**	*0.11*	0.05	*0.02*
*The Netherlands				247	**0.3**	*0.02*	0.03	*0.00*
*The Netherlands, Eindhoven				14	**0.3**	*0.08*	0.04	*0.01*
Norway				77	**0.3**	*0.04*	0.04	*0.01*
Poland, Cracow				7	**0.2**	*0.09*	0.03	*0.01*
Poland, Kielce				6	**0.1**	*0.04*	0.01	*0.00*
Poland, Lower Silesia				54	**0.4**	*0.06*	0.05	*0.01*
Poland, Podkarpackie				29	**0.3**	*0.06*	0.04	*0.01*
Portugal, Azores				5	**0.4**	*0.18*	0.02	*0.02*
Russian Federation, Saint Petersburg				80	**0.3**	*0.03*	0.03	*0.00*
*Serbia, Central				112	**0.4**	*0.05*	0.05	*0.01*
Slovakia				94	**0.4**	*0.05*	0.05	*0.01*
Slovenia				46	**0.4**	*0.07*	0.05	*0.01*
Spain, Albacete				3	**0.2**	*0.12*	0.03	*0.02*
Spain, Asturias				32	**0.5**	*0.13*	0.05	*0.01*
Spain, Basque Country				34	**0.3**	*0.07*	0.02	*0.01*
Spain, Canary Islands				11	**0.2**	*0.06*	0.02	*0.01*
Spain, Ciudad Real				2	**0.1**	*0.08*	0.01	*0.01*
Spain, Cuenca				0	**-**	-	–	-
Spain, Girona				4	**0.1**	*0.05*	0.00	*0.00*
*Spain, Granada				11	**0.2**	*0.07*	0.01	*0.01*
Spain, La Rioja				2	**0.1**	*0.12*	0.01	*0.01*
Spain, Mallorca				8	**0.3**	*0.10*	0.03	*0.01*
Spain, Murcia				14	**0.2**	*0.06*	0.02	*0.01*
Spain, Navarra				3	**0.0**	*0.03*	0.01	*0.01*
Spain, Tarragona				5	**0.2**	*0.09*	0.02	*0.01*
*Sweden				205	**0.3**	*0.03*	0.04	*0.00*
Switzerland, Basel				11	**0.4**	*0.15*	0.04	*0.02*
Switzerland, Geneva				5	**0.2**	*0.11*	0.03	*0.02*
Switzerland, Graubünden and Glarus				5	**0.4**	*0.21*	0.05	*0.03*
Switzerland, Neuchâtel				4	**0.2**	*0.13*	0.03	*0.03*
Switzerland, St Gall–Appenzell				13	**0.5**	*0.15*	0.06	*0.02*
Switzerland, Ticino				5	**0.2**	*0.12*	0.02	*0.01*
Switzerland, Valais				1	**0.1**	*0.10*	0.01	*0.01*
Switzerland, Vaud				13	**0.3**	*0.08*	0.02	*0.01*
Switzerland, Zurich				25	**0.4**	*0.08*	0.04	*0.01*
Ukraine				765	**0.3**	*0.01*	0.04	*0.00*
UK, England				1001	**0.4**	*0.01*	0.05	*0.00*
UK, England, East of England Region				79	**0.3**	*0.04*	0.03	*0.00*
UK, England, North Western				138	**0.5**	*0.05*	0.05	*0.01*
UK, England, Northern and Yorkshire				151	**0.4**	*0.04*	0.05	*0.01*
UK, England, Oxford Region				53	**0.4**	*0.06*	0.04	*0.01*
UK, England, South and Western Regions				163	**0.4**	*0.04*	0.05	*0.01*
UK, England, Thames				195	**0.4**	*0.03*	0.04	*0.00*
UK, England, Trent				79	**0.5**	*0.07*	0.05	*0.01*
UK, England, West Midlands				102	**0.4**	*0.05*	0.05	*0.01*
UK, Northern Ireland				21	**0.3**	*0.07*	0.03	*0.01*
UK, Scotland				104	**0.4**	*0.05*	0.05	*0.01*
UK, Wales				70	**0.4**	*0.06*	0.05	*0.01*
Oceania								
Australian Capital Territory				6	**0.5**	*0.21*	0.05	*0.02*
Australia, New South Wales				130	**0.4**	*0.04*	0.04	*0.01*
Australia, Northern Territory				3	**0.6**	*0.37*	0.04	*0.03*
Australia, Northern Territory: Indigenous				1	**1.0**	*0.95*	0.12	*0.12*
Australia, Northern Territory: Non–Indigenous				2	**0.6**	*0.42*	0.02	*0.02*
Australia, Queensland				62	**0.4**	*0.05*	0.04	*0.01*
South Australia				32	**0.4**	*0.08*	0.04	*0.01*
Australia, Tasmania				6	**0.2**	*0.07*	0.01	*0.01*
Australia, Victoria				62	**0.3**	*0.05*	0.03	*0.00*
Western Australia				53	**0.7**	*0.10*	0.06	*0.01*
New Zealand				60	**0.4**	*0.05*	0.04	*0.01*
New Zealand: Maori				8	**0.7**	*0.26*	0.09	*0.04*
New Zealand: Pacific Islander				2	**0.4**	*0.32*	0.06	*0.05*
New Zealand: Other				50	**0.3**	*0.05*	0.03	*0.01*
USA, Hawaii				22	**0.4**	*0.10*	0.04	*0.01*
*USA, Hawaii: Chinese				1	**0.1**	*0.13*	–	-
*USA, Hawaii: Filipino				2	**0.3**	*0.25*	0.04	*0.03*
*USA, Hawaii: Hawaiian				4	**0.6**	*0.32*	0.07	*0.04*
*USA, Hawaii: Japanese				3	**0.1**	*0.10*	0.01	*0.01*
*USA, Hawaii: White				8	**0.5**	*0.18*	0.04	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Cervix uteri (C53)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Africa								
*Algeria, Sétif				207	**9.0**	*0.64*	–	-
Egypt, Gharbiah				121	**1.6**	*0.15*	0.18	*0.02*
*Libya, Benghazi				62	**4.5**	*0.60*	0.48	*0.08*
*Malawi, Blantyre				904	**76.3**	*3.13*	7.92	*0.38*
*South Africa, PROMEC				576	**23.8**	*1.03*	2.65	*0.12*
*Tunisia, North				319	**4.6**	*0.26*	0.53	*0.03*
*Uganda, Kyadondo County				865	**54.3**	*2.18*	6.15	*0.29*
*Zimbabwe, Harare: African				847	**86.7**	*3.47*	10.40	*0.52*
America, Central and South								
Argentina, Bahía Blanca				109	**12.5**	*1.25*	1.25	*0.13*
Argentina, Córdoba				421	**14.0**	*0.69*	1.35	*0.07*
Argentina, Mendoza				642	**14.0**	*0.56*	1.50	*0.06*
*Argentina, Tierra del Fuego				35	**13.5**	*2.48*	1.58	*0.36*
Brazil, Aracaju				233	**25.5**	*1.73*	2.87	*0.23*
Brazil, Belo Horizonte				609	**16.1**	*0.66*	1.82	*0.09*
Brazil, Cuiabá				432	**36.5**	*1.87*	4.05	*0.25*
Brazil, Fortaleza				934	**21.7**	*0.73*	2.44	*0.10*
Brazil, Goiânia				836	**28.5**	*1.02*	3.09	*0.13*
*Brazil, São Paulo				4657	**15.2**	*0.24*	1.63	*0.03*
Chile, Region of Antofagasta				161	**11.8**	*0.94*	1.25	*0.12*
Chile, Bío Bío Province				186	**16.7**	*1.25*	1.74	*0.16*
Chile, Valdivia				186	**16.9**	*1.26*	1.61	*0.13*
Colombia, Bucaramanga				482	**17.3**	*0.81*	1.90	*0.10*
Colombia, Cali				1181	**20.5**	*0.62*	2.19	*0.08*
Colombia, Manizales				225	**19.5**	*1.31*	2.13	*0.16*
Colombia, Pasto				271	**27.4**	*1.70*	3.04	*0.22*
Costa Rica				1465	**13.9**	*0.37*	1.40	*0.04*
Cuba, Villa Clara				230	**10.6**	*0.73*	1.01	*0.07*
Ecuador, Cuenca				214	**19.4**	*1.38*	2.00	*0.17*
Ecuador, Quito				728	**20.2**	*0.78*	2.24	*0.10*
*France, Martinique				165	**10.1**	*0.85*	1.01	*0.10*
*Jamaica, Kingston and St Andrew				298	**17.2**	*1.03*	1.79	*0.12*
USA, Puerto Rico				1013	**7.7**	*0.25*	0.77	*0.03*
Uruguay				1049	**17.1**	*0.55*	1.68	*0.06*
America, North								
Canada				6729	**6.1**	*0.08*	0.58	*0.01*
Canada, Alberta				757	**7.2**	*0.27*	0.68	*0.03*
Canada, British Columbia				768	**5.2**	*0.20*	0.49	*0.02*
Canada, Manitoba				258	**6.6**	*0.43*	0.65	*0.05*
Canada, New Brunswick				175	**6.4**	*0.52*	0.62	*0.05*
Canada, Newfoundland and Labrador				118	**6.7**	*0.65*	0.63	*0.06*
*Canada, Northwest Territories				7	**6.1**	*2.36*	0.53	*0.23*
Canada, Nova Scotia				262	**8.1**	*0.53*	0.76	*0.05*
Canada, Ontario				2644	**6.2**	*0.12*	0.59	*0.01*
Canada, Prince Edward Island				39	**7.8**	*1.33*	0.77	*0.14*
*Canada, Quebec				1489	**5.4**	*0.15*	0.51	*0.01*
Canada, Saskatchewan				207	**6.6**	*0.48*	0.61	*0.05*
*Canada, Yukon				5	**4.1**	*1.82*	0.40	*0.18*
USA, NPCR (42 states)				55899	**6.4**	*0.03*	0.63	*0.00*
USA, NPCR (42 states): American Indian				433	**5.5**	*0.27*	0.52	*0.03*
USA, NPCR (42 states): Asian and Pacific Islander				2068	**5.3**	*0.12*	0.56	*0.01*
USA, NPCR (42 states): Black				8798	**8.0**	*0.09*	0.83	*0.01*
USA, NPCR (42 states): White				43408	**6.2**	*0.03*	0.60	*0.00*
USA, SEER (9 registries)				5009	**5.5**	*0.08*	0.54	*0.01*
*USA, SEER (9 registries): Black				763	**7.1**	*0.27*	0.75	*0.03*
*USA, SEER (9 registries): White				3640	**5.3**	*0.09*	0.52	*0.01*
USA, SEER (18 registries)				17130	**6.4**	*0.05*	0.64	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander				1464	**5.7**	*0.15*	0.60	*0.02*
*USA, SEER (18 registries): Black				2409	**7.9**	*0.16*	0.81	*0.02*
*USA, SEER (18 registries): Hispanic White				3734	**10.0**	*0.17*	1.04	*0.02*
*USA, SEER (18 registries): Non–Hispanic White				9184	**5.6**	*0.06*	0.54	*0.01*
*USA, SEER (18 registries): White				12918	**6.3**	*0.06*	0.62	*0.01*
USA, Alabama				1035	**6.7**	*0.22*	0.65	*0.02*
USA, Alabama: Black				304	**7.3**	*0.44*	0.78	*0.05*
USA, Alabama: White				705	**6.5**	*0.26*	0.62	*0.02*
USA, Alaska				123	**6.4**	*0.59*	0.58	*0.06*
*USA, Alaska: American Indian				30	**10.6**	*1.97*	0.78	*0.15*
USA, Arizona				1056	**5.8**	*0.18*	0.55	*0.02*
USA, Arizona: American Indian				58	**7.3**	*0.97*	0.68	*0.10*
USA, Arizona: Asian and Pacific Islander				25	**4.5**	*0.90*	0.51	*0.13*
USA, Arizona: Black				20	**3.3**	*0.75*	0.36	*0.10*
USA, Arizona: White				927	**5.7**	*0.19*	0.55	*0.02*
USA, Arkansas				704	**7.6**	*0.30*	0.73	*0.03*
USA, Arkansas: Black				125	**8.8**	*0.82*	0.89	*0.10*
USA, Arkansas: White				565	**7.5**	*0.33*	0.71	*0.03*
USA, California				7362	**6.5**	*0.08*	0.66	*0.01*
USA, California: American Indian				43	**3.1**	*0.47*	0.26	*0.05*
USA, California: Asian and Pacific Islander				972	**5.9**	*0.19*	0.62	*0.02*
USA, California: Black				440	**5.7**	*0.27*	0.59	*0.03*
USA, California: White				5771	**6.7**	*0.09*	0.66	*0.01*
USA, California, Los Angeles County				2488	**8.0**	*0.16*	0.82	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander				363	**7.2**	*0.39*	0.74	*0.04*
*USA, California, Los Angeles County: Black				209	**6.1**	*0.44*	0.62	*0.05*
*USA, California, Los Angeles County: Chinese				74	**5.0**	*0.60*	0.49	*0.07*
*USA, California, Los Angeles County: Filipino				89	**7.4**	*0.81*	0.79	*0.10*
*USA, California, Los Angeles County: Hispanic White				1220	**11.6**	*0.34*	1.24	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Cervix uteri (C53) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74		Cases	ASR (W)	CUM 0-74	
America, North (contd)								
*USA, California, Los Angeles County: Japanese					42	**8.9**	*1.46*	0.85	*0.15*
*USA, California, Los Angeles County: Korean					65	**7.9**	*1.01*	0.73	*0.11*
*USA, California, Los Angeles County: Non−Hispanic White					664	**6.0**	*0.25*	0.59	*0.03*
*USA, California, Los Angeles County: White					1884	**8.5**	*0.20*	0.87	*0.02*
USA, California, San Francisco Bay Area					653	**4.5**	*0.18*	0.46	*0.02*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander					150	**4.1**	*0.35*	0.43	*0.04*
*USA, California, San Francisco Bay Area: Black					69	**4.9**	*0.60*	0.53	*0.07*
*USA, California, San Francisco Bay Area: Hispanic White					150	**8.2**	*0.69*	0.81	*0.08*
*USA, California, San Francisco Bay Area: Non−Hispanic White					272	**3.7**	*0.24*	0.37	*0.02*
*USA, California, San Francisco Bay Area: White					422	**4.6**	*0.23*	0.45	*0.02*
USA, Colorado					810	**5.5**	*0.20*	0.53	*0.02*
USA, Colorado: Asian and Pacific Islander					24	**5.6**	*1.15*	0.63	*0.15*
USA, Colorado: Black					36	**6.5**	*1.10*	0.68	*0.14*
USA, Colorado: White					721	**5.3**	*0.20*	0.51	*0.02*
USA, Connecticut					637	**5.3**	*0.22*	0.54	*0.02*
*USA, Connecticut: Black					81	**7.1**	*0.81*	0.82	*0.11*
*USA, Connecticut: White					532	**5.2**	*0.24*	0.51	*0.02*
USA, Delaware					185	**6.5**	*0.50*	0.63	*0.05*
USA, Delaware: Black					51	**9.2**	*1.32*	0.89	*0.14*
USA, Delaware: White					128	**5.9**	*0.55*	0.58	*0.05*
USA, Florida					4441	**7.4**	*0.12*	0.72	*0.01*
USA, Florida: Asian and Pacific Islander					56	**3.8**	*0.52*	0.45	*0.07*
USA, Florida: Black					760	**9.1**	*0.34*	0.95	*0.04*
USA, Florida: White					3549	**7.2**	*0.13*	0.70	*0.01*
USA, Georgia					1941	**6.6**	*0.15*	0.65	*0.02*
USA, Georgia: Asian and Pacific Islander					39	**5.0**	*0.84*	0.54	*0.12*
USA, Georgia: Black					654	**7.8**	*0.31*	0.79	*0.04*
USA, Georgia: White					1229	**6.3**	*0.18*	0.61	*0.02*
USA, Georgia, Atlanta					621	**5.9**	*0.24*	0.60	*0.03*
*USA, Georgia, Atlanta: Black					259	**6.9**	*0.45*	0.73	*0.06*
*USA, Georgia, Atlanta: White					327	**5.5**	*0.31*	0.54	*0.03*
USA, Idaho					223	**5.2**	*0.36*	0.50	*0.04*
USA, Illinois					2912	**6.9**	*0.13*	0.69	*0.01*
USA, Illinois: Asian and Pacific Islander					54	**3.2**	*0.44*	0.35	*0.06*
USA, Illinois: Black					648	**10.3**	*0.41*	1.04	*0.05*
USA, Illinois: White					2130	**6.3**	*0.14*	0.63	*0.02*
USA, Indiana					1312	**6.4**	*0.18*	0.63	*0.02*
USA, Indiana: Black					130	**7.7**	*0.69*	0.79	*0.08*
USA, Indiana: White					1144	**6.2**	*0.19*	0.60	*0.02*
USA, Iowa					524	**5.6**	*0.26*	0.53	*0.03*
USA, Kentucky					1025	**7.3**	*0.24*	0.72	*0.02*
USA, Louisiana					841	**7.4**	*0.26*	0.71	*0.03*
*USA, Louisiana: Black					359	**10.2**	*0.55*	0.99	*0.06*
*USA, Louisiana: White					473	**6.4**	*0.30*	0.60	*0.03*
*USA, Louisiana, New Orleans					161	**7.0**	*0.57*	0.68	*0.06*
*USA, Louisiana, New Orleans: Black					82	**8.8**	*0.99*	0.89	*0.11*
*USA, Louisiana, New Orleans: White					75	**6.1**	*0.73*	0.56	*0.07*
USA, Maine					269	**6.0**	*0.39*	0.59	*0.04*
USA, Massachusetts					1058	**4.7**	*0.15*	0.46	*0.02*
USA, Massachusetts: Asian and Pacific Islander					37	**4.2**	*0.72*	0.45	*0.09*
USA, Massachusetts: Black					90	**6.5**	*0.70*	0.73	*0.10*
USA, Massachusetts: White					911	**4.6**	*0.16*	0.44	*0.02*
USA, Michigan					1961	**6.1**	*0.14*	0.59	*0.01*
USA, Michigan: Asian and Pacific Islander					23	**3.7**	*0.81*	0.39	*0.09*
USA, Michigan: Black					392	**8.7**	*0.45*	0.88	*0.05*
USA, Michigan: White					1494	**5.6**	*0.15*	0.54	*0.02*
USA, Michigan, Detroit					874	**6.6**	*0.23*	0.65	*0.02*
*USA, Michigan, Detroit: Black					313	**9.5**	*0.55*	0.95	*0.06*
*USA, Michigan, Detroit: White					543	**5.7**	*0.26*	0.56	*0.03*
USA, Mississippi					709	**7.3**	*0.29*	0.73	*0.03*
USA, Missouri					1269	**6.6**	*0.19*	0.64	*0.02*
USA, Missouri: Black					208	**9.9**	*0.70*	1.04	*0.08*
USA, Missouri: White					1029	**6.2**	*0.20*	0.59	*0.02*
USA, Montana					140	**4.5**	*0.41*	0.42	*0.04*
USA, Montana: American Indian					11	**7.8**	*2.37*	0.78	*0.26*
USA, Nebraska					313	**5.7**	*0.34*	0.54	*0.03*
USA, Nebraska: Black					10	**4.4**	*1.40*	0.40	*0.17*
USA, Nebraska: White					291	**5.7**	*0.35*	0.53	*0.03*
USA, New Hampshire					220	**5.0**	*0.35*	0.50	*0.04*
USA, New Jersey					2202	**7.4**	*0.16*	0.74	*0.02*
*USA, New Jersey: Black					423	**10.1**	*0.50*	1.05	*0.06*
*USA, New Jersey: White					1642	**7.1**	*0.18*	0.70	*0.02*
USA, New Mexico					394	**6.4**	*0.33*	0.66	*0.04*
*USA, New Mexico: Hispanic White					176	**7.8**	*0.60*	0.80	*0.07*
*USA, New Mexico: Non−Hispanic White					172	**5.8**	*0.48*	0.57	*0.05*
*USA, New Mexico: White					348	**6.6**	*0.37*	0.66	*0.04*
USA, New York State					4605	**6.7**	*0.10*	0.68	*0.01*
USA, New York State: Asian and Pacific Islander					246	**5.7**	*0.37*	0.60	*0.05*
USA, New York State: Black					1140	**9.6**	*0.29*	1.02	*0.04*
USA, New York State: White					3048	**6.0**	*0.11*	0.59	*0.01*
USA, North Carolina					1842	**6.2**	*0.15*	0.61	*0.02*
USA, North Carolina: American Indian					15	**4.4**	*1.15*	0.48	*0.14*
USA, North Carolina: Asian and Pacific Islander					30	**6.5**	*1.23*	0.66	*0.15*
USA, North Carolina: Black					464	**7.1**	*0.34*	0.72	*0.04*
USA, North Carolina: White					1293	**6.0**	*0.17*	0.57	*0.02*
USA, North Dakota					82	**4.2**	*0.49*	0.42	*0.05*
USA, Ohio					2453	**6.4**	*0.13*	0.63	*0.01*
USA, Ohio: Asian and Pacific Islander					19	**3.5**	*0.81*	0.34	*0.09*
USA, Ohio: Black					311	**7.0**	*0.41*	0.75	*0.05*
USA, Ohio: White					2080	**6.3**	*0.14*	0.61	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Cervix uteri (C53) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
America, North (contd)								
USA, Oklahoma				844	**7.5**	*0.27*	0.74	*0.03*
USA, Oklahoma: American Indian				95	**10.5**	*1.09*	1.00	*0.11*
USA, Oklahoma: Black				47	**5.9**	*0.89*	0.57	*0.10*
USA, Oklahoma: White				682	**7.3**	*0.29*	0.72	*0.03*
USA, Oregon				608	**5.2**	*0.22*	0.51	*0.02*
USA, Oregon: Asian and Pacific Islander				28	**6.2**	*1.22*	0.67	*0.15*
USA, Oregon: Black				16	**7.8**	*2.06*	0.74	*0.26*
USA, Oregon: White				540	**5.0**	*0.22*	0.49	*0.02*
USA, Pennsylvania				2683	**6.3**	*0.13*	0.62	*0.01*
USA, Pennsylvania: Asian and Pacific Islander				49	**5.8**	*0.84*	0.59	*0.10*
USA, Pennsylvania: Black				322	**7.6**	*0.43*	0.78	*0.05*
USA, Pennsylvania: White				2239	**6.0**	*0.14*	0.59	*0.01*
USA, Rhode Island				231	**6.4**	*0.44*	0.61	*0.04*
USA, Rhode Island: Black				18	**9.5**	*2.30*	0.92	*0.27*
USA, Rhode Island: White				193	**5.9**	*0.45*	0.55	*0.04*
USA, South Carolina				931	**6.5**	*0.22*	0.63	*0.02*
USA, South Carolina: Black				334	**8.1**	*0.45*	0.82	*0.05*
USA, South Carolina: White				559	**5.8**	*0.26*	0.54	*0.02*
USA, South Dakota				115	**4.8**	*0.47*	0.47	*0.05*
USA, Tennessee				1348	**6.6**	*0.19*	0.64	*0.02*
USA, Tennessee: Black				272	**8.5**	*0.53*	0.86	*0.06*
USA, Tennessee: White				1037	**6.2**	*0.20*	0.59	*0.02*
USA, Texas				5401	**7.7**	*0.11*	0.75	*0.01*
USA, Texas: Asian and Pacific Islander				79	**3.4**	*0.40*	0.41	*0.06*
USA, Texas: Black				690	**8.3**	*0.32*	0.87	*0.04*
USA, Texas: White				4524	**7.8**	*0.12*	0.75	*0.01*
USA, Utah				292	**4.3**	*0.26*	0.42	*0.03*
USA, Vermont				98	**4.6**	*0.50*	0.42	*0.05*
USA, Virginia				1348	**5.2**	*0.15*	0.52	*0.02*
USA, Virginia: Asian and Pacific Islander				62	**5.2**	*0.68*	0.58	*0.09*
USA, Virginia: Black				276	**5.5**	*0.34*	0.57	*0.04*
USA, Virginia: White				968	**5.1**	*0.17*	0.49	*0.02*
USA, Washington State				1096	**5.5**	*0.17*	0.53	*0.02*
USA, Washington, Seattle				765	**5.5**	*0.20*	0.54	*0.02*
USA, West Virginia				469	**7.7**	*0.37*	0.74	*0.04*
USA, Wisconsin				905	**5.1**	*0.18*	0.49	*0.02*
USA, Wisconsin: Black				89	**10.0**	*1.08*	1.05	*0.14*
USA, Wisconsin: White				761	**4.6**	*0.18*	0.45	*0.02*
USA, Wyoming				106	**7.0**	*0.71*	0.65	*0.07*
Asia								
Bahrain: Bahraini				44	**5.7**	*0.88*	0.61	*0.11*
China, Beijing City				1217	**4.5**	*0.13*	0.42	*0.01*
*China, Cixian County				86	**6.2**	*0.69*	0.70	*0.09*
China, Haining County				104	**4.6**	*0.46*	0.44	*0.05*
*China, Harbin City, Nangang District				277	**8.0**	*0.49*	0.76	*0.05*
China, Hong Kong				2080	**7.9**	*0.18*	0.86	*0.02*
China, Jiashan County				40	**2.6**	*0.43*	0.27	*0.05*
China, Jiaxing City				48	**4.3**	*0.64*	0.39	*0.06*
China, Macao				148	**8.9**	*0.76*	0.95	*0.10*
China, Qidong County				194	**4.7**	*0.35*	0.47	*0.04*
*China, Shanghai City				1038	**4.2**	*0.14*	0.39	*0.01*
*China, Wuhan City				983	**6.5**	*0.21*	0.61	*0.02*
*China, Yangcheng County				749	**71.8**	*2.70*	7.91	*0.33*
*China, Yanting County				128	**7.8**	*0.70*	0.99	*0.10*
*China, Zhongshan City				245	**7.9**	*0.52*	0.78	*0.06*
*India, Bangalore				1541	**20.6**	*0.54*	2.40	*0.07*
*India; Barshi, Paranda, and Bhum				214	**18.7**	*1.35*	2.11	*0.15*
*India, Bhopal				426	**19.5**	*0.97*	2.22	*0.13*
*India, Chennai				2145	**21.4**	*0.47*	2.51	*0.06*
*India, Dindigul, Ambilikkai				1215	**24.5**	*0.71*	2.65	*0.08*
*India, Karunagappally				108	**8.9**	*0.87*	1.04	*0.11*
*India, Mizoram				364	**19.7**	*1.07*	2.01	*0.13*
*India, Mumbai				3388	**13.5**	*0.24*	1.52	*0.03*
*India, New Delhi				4280	**17.7**	*0.28*	2.03	*0.04*
*India, Poona				1035	**13.4**	*0.42*	1.50	*0.05*
*India, Sikkim State				87	**10.2**	*1.15*	1.13	*0.14*
*India, Trivandrum				188	**10.1**	*0.74*	1.16	*0.10*
*Iran (Islamic Republic of), Golestan Province				91	**5.4**	*0.58*	0.62	*0.08*
Israel				918	**5.0**	*0.17*	0.51	*0.02*
*Israel: Jews				863	**5.5**	*0.20*	0.55	*0.02*
*Israel: Non–Jews				55	**2.5**	*0.36*	0.27	*0.04*
Japan, Aichi Prefecture				346	**7.0**	*0.40*	0.71	*0.04*
Japan, Fukui Prefecture				264	**8.0**	*0.56*	0.79	*0.05*
Japan, Hiroshima				440	**10.2**	*0.52*	0.97	*0.05*
Japan, Miyagi Prefecture				603	**6.9**	*0.31*	0.65	*0.03*
Japan, Nagasaki Prefecture				590	**10.0**	*0.47*	0.96	*0.04*
Japan, Niigata Prefecture				748	**8.6**	*0.35*	0.80	*0.03*
*Japan, Osaka Prefecture				2509	**7.1**	*0.15*	0.70	*0.02*
Japan, Saga Prefecture				317	**8.9**	*0.57*	0.85	*0.05*
Republic of Korea				20234	**12.5**	*0.09*	1.34	*0.01*
Republic of Korea, Busan				1704	**13.3**	*0.33*	1.43	*0.04*
Republic of Korea, Daegu				1037	**12.5**	*0.39*	1.38	*0.05*
Republic of Korea, Daejeon				638	**14.4**	*0.58*	1.56	*0.07*
Republic of Korea, Gwangju				526	**12.2**	*0.54*	1.34	*0.07*
Republic of Korea, Incheon				1119	**13.9**	*0.43*	1.47	*0.05*
Republic of Korea, Jejudo				217	**15.1**	*1.05*	1.59	*0.12*
Republic of Korea, Seoul				4023	**12.0**	*0.19*	1.29	*0.02*
Republic of Korea, Ulsan				343	**11.0**	*0.62*	1.22	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Cervix uteri (C53) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Asia (contd)								
Kuwait				161	**4.6**	*0.43*	0.52	*0.06*
*Kuwait: Kuwaitis				60	**4.0**	*0.54*	0.44	*0.07*
*Kuwait: Non−Kuwaitis				101	**5.0**	*0.74*	0.62	*0.13*
*Malaysia, Penang				342	**12.5**	*0.68*	1.44	*0.09*
*Malaysia, Penang: Chinese				231	**14.8**	*0.98*	1.67	*0.13*
*Malaysia, Penang: Indian				35	**14.0**	*2.45*	1.83	*0.36*
*Malaysia, Penang: Malay				71	**7.3**	*0.90*	0.82	*0.12*
*Philippines, Manila				1991	**17.0**	*0.40*	1.82	*0.05*
*Philippines, Rizal				2008	**16.6**	*0.39*	1.81	*0.05*
Qatar: Qatari				17	**5.3**	*1.35*	0.57	*0.18*
*Saudi Arabia, Riyadh: Saudi				103	**2.0**	*0.21*	0.22	*0.03*
Singapore				1013	**8.9**	*0.29*	1.02	*0.04*
Singapore: Chinese				865	**9.4**	*0.33*	1.07	*0.04*
Singapore: Indian				25	**3.7**	*0.76*	0.45	*0.11*
Singapore: Malay				103	**8.4**	*0.87*	1.05	*0.12*
Thailand, Bangkok				3214	**17.1**	*0.31*	1.82	*0.04*
Thailand, Chiang Mai				1231	**23.9**	*0.71*	2.52	*0.08*
Thailand, Chonburi				864	**26.1**	*0.92*	2.88	*0.12*
*Thailand, Khon Kaen				621	**11.8**	*0.48*	1.26	*0.06*
Thailand, Lampang				545	**19.9**	*0.86*	2.07	*0.10*
*Thailand, Songkhla				459	**15.2**	*0.72*	1.61	*0.09*
*Turkey, Antalya				225	**5.5**	*0.38*	0.59	*0.05*
*Turkey, Edirne				24	**2.5**	*0.53*	0.27	*0.06*
*Turkey, Izmir				565	**5.4**	*0.23*	0.59	*0.03*
*Turkey, Trabzon				46	**3.6**	*0.54*	0.38	*0.06*
Europe								
Austria				2255	**7.1**	*0.16*	0.70	*0.02*
Austria, Tyrol				259	**10.1**	*0.66*	0.97	*0.07*
Austria, Vorarlberg				100	**8.1**	*0.84*	0.87	*0.09*
*Belarus				4452	**12.1**	*0.19*	1.23	*0.02*
*Belgium				2622	**8.6**	*0.18*	0.84	*0.02*
Bulgaria				5648	**20.0**	*0.28*	1.98	*0.03*
Croatia				1765	**10.6**	*0.27*	1.05	*0.03*
Cyprus				124	**4.6**	*0.43*	0.44	*0.05*
Czech Republic				5129	**13.7**	*0.20*	1.37	*0.02*
Denmark				1936	**10.4**	*0.25*	0.98	*0.02*
*Estonia				829	**16.2**	*0.60*	1.59	*0.06*
Finland				776	**3.9**	*0.16*	0.37	*0.02*
*France, Bas−Rhin				240	**6.0**	*0.41*	0.59	*0.04*
*France, Calvados				175	**7.0**	*0.57*	0.67	*0.06*
*France, Doubs				168	**9.6**	*0.79*	0.87	*0.07*
*France, Haut−Rhin				182	**6.9**	*0.54*	0.67	*0.06*
*France, Hérault				310	**8.3**	*0.50*	0.83	*0.05*
*France, Isère				231	**5.5**	*0.38*	0.54	*0.04*
*France, Loire−Atlantique				230	**5.2**	*0.37*	0.51	*0.04*
*France, Manche				113	**6.7**	*0.69*	0.65	*0.07*
*France, Somme				184	**9.1**	*0.72*	0.92	*0.08*
*France, Tarn				121	**8.3**	*0.84*	0.83	*0.09*
*France, Vendée				97	**4.0**	*0.45*	0.40	*0.05*
Germany, Brandenburg				903	**9.2**	*0.34*	0.88	*0.03*
Germany, Bremen				220	**8.2**	*0.60*	0.84	*0.06*
Germany, Free State of Saxony				1565	**9.3**	*0.26*	0.91	*0.03*
Germany, Hamburg				558	**7.9**	*0.36*	0.81	*0.04*
Germany, Mecklenburg−Western Pomerania				554	**8.3**	*0.39*	0.79	*0.04*
Germany, Munich				1102	**7.1**	*0.23*	0.70	*0.02*
Germany, North Rhine−Westphalia				644	**6.2**	*0.26*	0.61	*0.03*
Germany, Saarland				359	**8.6**	*0.49*	0.85	*0.05*
Germany, Schleswig−Holstein				981	**8.9**	*0.31*	0.84	*0.03*
Iceland				69	**7.7**	*0.96*	0.66	*0.09*
Ireland				1193	**9.3**	*0.27*	0.90	*0.03*
Italy, Biella				62	**7.8**	*1.07*	0.85	*0.11*
Italy, Brescia				227	**6.9**	*0.49*	0.68	*0.05*
Italy, Catania and Messina				190	**4.7**	*0.36*	0.48	*0.04*
Italy, Catanzaro				44	**4.7**	*0.75*	0.51	*0.08*
Italy, Como				128	**5.7**	*0.53*	0.60	*0.06*
Italy, Ferrara				79	**4.9**	*0.62*	0.47	*0.06*
Italy, Florence and Prato				188	**5.8**	*0.48*	0.56	*0.05*
Italy, Friuli−Venezia Giulia				314	**5.9**	*0.37*	0.62	*0.04*
Italy, Genoa				218	**6.9**	*0.54*	0.69	*0.05*
Italy, Latina				107	**5.2**	*0.52*	0.53	*0.06*
Italy, Lecco				68	**5.0**	*0.66*	0.51	*0.07*
Italy, Lombardy, South				133	**7.0**	*0.66*	0.75	*0.07*
Italy, Mantua				46	**4.9**	*0.80*	0.46	*0.08*
Italy, Milan				264	**5.2**	*0.36*	0.56	*0.04*
Italy, Modena				139	**4.8**	*0.44*	0.50	*0.05*
Italy, Naples				92	**4.8**	*0.51*	0.53	*0.06*
Italy, Nuoro				21	**2.0**	*0.50*	0.20	*0.05*
Italy, Palermo				189	**4.8**	*0.37*	0.52	*0.04*
Italy, Parma				84	**4.2**	*0.52*	0.42	*0.06*
Italy, Ragusa				56	**4.1**	*0.60*	0.43	*0.07*
Italy, Reggio Emilia				75	**3.6**	*0.46*	0.33	*0.04*
Italy, Romagna				295	**6.0**	*0.40*	0.57	*0.04*
Italy, Salerno				189	**4.4**	*0.34*	0.47	*0.04*
Italy, Sassari				90	**5.3**	*0.58*	0.53	*0.06*
Italy, Sondrio				43	**6.0**	*1.00*	0.61	*0.10*
Italy, South Tyrol				84	**5.9**	*0.68*	0.58	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Cervix uteri (C53) (contd)

	Male					Female			
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse						76	**5.0**	*0.60*	0.53	*0.07*
Italy, Trapani						64	**4.3**	*0.59*	0.50	*0.07*
Italy, Trento						60	**3.6**	*0.51*	0.38	*0.05*
Italy, Turin						186	**3.9**	*0.33*	0.42	*0.04*
Italy, Umbria						181	**4.8**	*0.40*	0.49	*0.04*
Italy, Varese						163	**4.9**	*0.41*	0.48	*0.04*
Italy, Veneto						314	**4.0**	*0.25*	0.39	*0.03*
Latvia						912	**12.6**	*0.44*	1.26	*0.05*
Lithuania						2616	**20.8**	*0.42*	2.10	*0.04*
Malta						53	**4.1**	*0.58*	0.37	*0.05*
*The Netherlands						3418	**5.8**	*0.10*	0.55	*0.01*
*The Netherlands, Eindhoven						196	**5.3**	*0.40*	0.50	*0.04*
Norway						1464	**9.4**	*0.26*	0.90	*0.03*
Poland, Cracow						333	**13.9**	*0.81*	1.44	*0.09*
Poland, Kielce						578	**12.1**	*0.53*	1.27	*0.06*
Poland, Lower Silesia						1418	**12.6**	*0.35*	1.33	*0.04*
Poland, Podkarpackie						799	**11.1**	*0.41*	1.18	*0.05*
Portugal, Azores						92	**12.1**	*1.29*	1.22	*0.14*
Russian Federation, Saint Petersburg						1966	**10.1**	*0.24*	1.01	*0.02*
*Serbia, Central						4712	**23.2**	*0.36*	2.38	*0.04*
Slovakia						2927	**15.8**	*0.30*	1.58	*0.03*
Slovenia						904	**12.7**	*0.44*	1.19	*0.04*
Spain, Albacete						83	**5.9**	*0.70*	0.64	*0.08*
Spain, Asturias						268	**5.8**	*0.39*	0.59	*0.04*
Spain, Basque Country						451	**5.2**	*0.26*	0.54	*0.03*
Spain, Canary Islands						362	**8.2**	*0.44*	0.85	*0.05*
Spain, Ciudad Real						72	**4.8**	*0.61*	0.49	*0.06*
Spain, Cuenca						39	**4.8**	*0.86*	0.48	*0.09*
Spain, Girona						143	**5.9**	*0.52*	0.62	*0.06*
*Spain, Granada						161	**5.3**	*0.44*	0.53	*0.05*
Spain, La Rioja						63	**5.9**	*0.79*	0.59	*0.08*
Spain, Mallorca						224	**7.9**	*0.55*	0.76	*0.06*
Spain, Murcia						317	**7.1**	*0.41*	0.71	*0.04*
Spain, Navarra						82	**3.8**	*0.44*	0.39	*0.05*
Spain, Tarragona						213	**8.5**	*0.62*	0.81	*0.06*
*Sweden						2235	**6.9**	*0.16*	0.66	*0.02*
Switzerland, Basel						71	**3.8**	*0.49*	0.38	*0.05*
Switzerland, Geneva						54	**2.7**	*0.40*	0.27	*0.05*
Switzerland, Graubünden and Glarus						48	**6.1**	*0.96*	0.60	*0.09*
Switzerland, Neuchâtel						23	**3.5**	*0.82*	0.34	*0.08*
Switzerland, St Gall−Appenzell						85	**4.4**	*0.51*	0.40	*0.05*
Switzerland, Ticino						73	**5.1**	*0.66*	0.49	*0.07*
Switzerland, Valais						47	**4.0**	*0.61*	0.44	*0.07*
Switzerland, Vaud						90	**3.6**	*0.41*	0.36	*0.04*
Switzerland, Zurich						210	**4.3**	*0.31*	0.42	*0.03*
Ukraine						25373	**14.5**	*0.09*	1.44	*0.01*
UK, England						11638	**6.8**	*0.07*	0.62	*0.01*
UK, England, East of England Region						982	**5.1**	*0.18*	0.45	*0.02*
UK, England, North Western						1654	**7.4**	*0.20*	0.67	*0.02*
UK, England, Northern and Yorkshire						1941	**8.8**	*0.22*	0.78	*0.02*
UK, England, Oxford Region						569	**6.3**	*0.28*	0.56	*0.03*
UK, England, South and Western Regions						1634	**7.0**	*0.19*	0.63	*0.02*
UK, England, Thames						2198	**5.3**	*0.12*	0.51	*0.01*
UK, England, Trent						841	**8.9**	*0.33*	0.80	*0.03*
UK, England, West Midlands						1308	**7.5**	*0.22*	0.68	*0.02*
UK, Northern Ireland						430	**8.0**	*0.41*	0.71	*0.04*
UK, Scotland						1432	**8.2**	*0.23*	0.75	*0.02*
UK, Wales						842	**8.4**	*0.32*	0.78	*0.03*
Oceania										
Australian Capital Territory						55	**5.1**	*0.70*	0.49	*0.08*
Australia, New South Wales						1221	**5.3**	*0.16*	0.52	*0.02*
Australia, Northern Territory						45	**8.3**	*1.32*	0.82	*0.18*
Australia, Northern Territory: Indigenous						18	**15.7**	*4.03*	1.59	*0.52*
Australia, Northern Territory: Non−Indigenous						27	**6.2**	*1.25*	0.57	*0.17*
Australia, Queensland						810	**6.3**	*0.23*	0.59	*0.02*
South Australia						234	**4.3**	*0.30*	0.41	*0.03*
Australia, Tasmania						98	**5.9**	*0.63*	0.56	*0.06*
Australia, Victoria						801	**4.6**	*0.17*	0.44	*0.02*
Western Australia						394	**5.9**	*0.31*	0.56	*0.03*
New Zealand						804	**6.0**	*0.22*	0.58	*0.02*
New Zealand: Maori						153	**11.3**	*0.96*	1.18	*0.12*
New Zealand: Pacific Islander						56	**10.2**	*1.42*	1.10	*0.18*
New Zealand: Other						595	**5.3**	*0.23*	0.50	*0.02*
USA, Hawaii						249	**6.0**	*0.39*	0.56	*0.04*
*USA, Hawaii: Chinese						12	**4.9**	*1.46*	0.43	*0.13*
*USA, Hawaii: Filipino						45	**7.0**	*1.09*	0.62	*0.11*
*USA, Hawaii: Hawaiian						44	**6.4**	*0.97*	0.68	*0.11*
*USA, Hawaii: Japanese						45	**4.0**	*0.67*	0.40	*0.07*
*USA, Hawaii: White						57	**5.3**	*0.75*	0.49	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Corpus uteri (C54)

	Male			Female				
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Africa								
*Algeria, Sétif				2	**0.1**	*0.06*	–	-
Egypt, Gharbiah				256	**3.6**	*0.23*	0.48	*0.04*
*Libya, Benghazi				7	**0.6**	*0.24*	0.10	*0.05*
*Malawi, Blantyre				15	**1.4**	*0.40*	0.15	*0.05*
*South Africa, PROMEC				24	**0.9**	*0.20*	0.14	*0.03*
*Tunisia, North				229	**3.4**	*0.23*	0.43	*0.03*
*Uganda, Kyadondo County				63	**5.6**	*0.78*	0.75	*0.12*
*Zimbabwe, Harare: African				69	**10.0**	*1.28*	1.27	*0.20*
America, Central and South								
Argentina, Bahía Blanca				95	**8.0**	*0.93*	0.98	*0.13*
Argentina, Córdoba				287	**8.2**	*0.50*	1.01	*0.07*
Argentina, Mendoza				428	**8.4**	*0.42*	1.07	*0.06*
*Argentina, Tierra del Fuego				14	**6.7**	*1.90*	0.64	*0.24*
Brazil, Aracaju				72	**8.8**	*1.06*	1.16	*0.16*
Brazil, Belo Horizonte				255	**7.0**	*0.45*	0.90	*0.07*
Brazil, Cuiabá				45	**4.8**	*0.73*	0.61	*0.11*
Brazil, Fortaleza				187	**4.6**	*0.35*	0.55	*0.05*
Brazil, Goiânia				190	**7.4**	*0.55*	0.92	*0.08*
*Brazil, São Paulo				2480	**8.4**	*0.18*	1.04	*0.03*
Chile, Region of Antofagasta				39	**3.0**	*0.50*	0.37	*0.07*
Chile, Bío Bío Province				38	**3.6**	*0.59*	0.41	*0.08*
Chile, Valdivia				51	**4.8**	*0.69*	0.57	*0.09*
Colombia, Bucaramanga				155	**5.8**	*0.48*	0.66	*0.06*
Colombia, Cali				302	**5.5**	*0.33*	0.67	*0.05*
Colombia, Manizales				67	**6.2**	*0.77*	0.86	*0.11*
Colombia, Pasto				45	**4.7**	*0.72*	0.56	*0.10*
Costa Rica				658	**7.2**	*0.29*	0.88	*0.04*
Cuba, Villa Clara				174	**7.1**	*0.56*	0.86	*0.08*
Ecuador, Cuenca				23	**2.3**	*0.49*	0.29	*0.07*
Ecuador, Quito				164	**5.0**	*0.41*	0.61	*0.06*
*France, Martinique				134	**7.7**	*0.71*	1.01	*0.11*
*Jamaica, Kingston and St Andrew				168	**10.8**	*0.87*	1.52	*0.14*
USA, Puerto Rico				1786	**12.2**	*0.30*	1.46	*0.04*
Uruguay				701	**8.9**	*0.36*	1.07	*0.05*
America, North								
Canada				19855	**15.4**	*0.11*	1.93	*0.02*
Canada, Alberta				1857	**17.0**	*0.41*	2.14	*0.06*
Canada, British Columbia				2578	**14.9**	*0.31*	1.86	*0.04*
Canada, Manitoba				882	**19.5**	*0.69*	2.41	*0.09*
Canada, New Brunswick				462	**14.1**	*0.69*	1.73	*0.10*
Canada, Newfoundland and Labrador				304	**14.1**	*0.83*	1.75	*0.11*
*Canada, Northwest Territories				11	**11.3**	*3.70*	1.36	*0.51*
Canada, Nova Scotia				607	**14.9**	*0.64*	1.90	*0.09*
Canada, Ontario				7844	**16.1**	*0.19*	2.02	*0.03*
Canada, Prince Edward Island				88	**15.5**	*1.74*	1.89	*0.23*
*Canada, Quebec				4582	**13.9**	*0.21*	1.71	*0.03*
Canada, Saskatchewan				621	**16.3**	*0.70*	2.04	*0.09*
*Canada, Yukon				19	**20.3**	*4.85*	2.90	*0.83*
USA, NPCR (42 states)				168683	**16.9**	*0.04*	2.07	*0.01*
USA, NPCR (42 states): American Indian				795	**10.6**	*0.38*	1.28	*0.05*
USA, NPCR (42 states): Asian and Pacific Islander				3644	**9.7**	*0.16*	1.13	*0.02*
USA, NPCR (42 states): Black				15414	**14.4**	*0.12*	1.85	*0.02*
USA, NPCR (42 states): White				146130	**17.3**	*0.05*	2.12	*0.01*
USA, SEER (9 registries)				18411	**18.0**	*0.14*	2.22	*0.02*
*USA, SEER (9 registries): Black				1430	**14.5**	*0.40*	1.88	*0.06*
*USA, SEER (9 registries): White				15222	**18.7**	*0.16*	2.31	*0.02*
USA, SEER (18 registries)				49378	**16.7**	*0.08*	2.05	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander				3302	**13.2**	*0.23*	1.53	*0.03*
*USA, SEER (18 registries): Black				4156	**14.2**	*0.23*	1.83	*0.03*
*USA, SEER (18 registries): Hispanic White				4524	**13.9**	*0.21*	1.66	*0.03*
*USA, SEER (18 registries): Non–Hispanic White				36759	**17.8**	*0.10*	2.20	*0.01*
*USA, SEER (18 registries): White				41283	**17.4**	*0.09*	2.13	*0.01*
USA, Alabama				2330	**12.7**	*0.28*	1.57	*0.04*
USA, Alabama: Black				548	**13.8**	*0.62*	1.80	*0.09*
USA, Alabama: White				1761	**12.6**	*0.32*	1.53	*0.04*
USA, Alaska				301	**16.5**	*0.98*	2.10	*0.15*
*USA, Alaska: American Indian				33	**12.3**	*2.19*	1.50	*0.31*
USA, Arizona				2846	**13.2**	*0.26*	1.58	*0.03*
USA, Arizona: American Indian				115	**14.9**	*1.41*	1.70	*0.19*
USA, Arizona: Asian and Pacific Islander				35	**7.0**	*1.20*	0.74	*0.15*
USA, Arizona: Black				74	**13.5**	*1.62*	1.59	*0.23*
USA, Arizona: White				2563	**12.9**	*0.27*	1.55	*0.04*
USA, Arkansas				1468	**12.9**	*0.36*	1.57	*0.05*
USA, Arkansas: Black				165	**11.8**	*0.98*	1.42	*0.14*
USA, Arkansas: White				1285	**13.2**	*0.39*	1.60	*0.05*
USA, California				19317	**15.8**	*0.12*	1.93	*0.02*
USA, California: American Indian				91	**7.1**	*0.77*	0.93	*0.12*
USA, California: Asian and Pacific Islander				1937	**11.9**	*0.28*	1.38	*0.04*
USA, California: Black				1068	**14.0**	*0.44*	1.79	*0.06*
USA, California: White				15940	**16.4**	*0.14*	2.02	*0.02*
USA, California, Los Angeles County				5241	**16.5**	*0.24*	2.02	*0.03*
*USA, California, Los Angeles County: Asian and Pacific Islander				689	**13.6**	*0.53*	1.57	*0.07*
*USA, California, Los Angeles County: Black				505	**14.9**	*0.68*	1.91	*0.10*
*USA, California, Los Angeles County: Chinese				146	**10.3**	*0.89*	1.16	*0.11*
*USA, California, Los Angeles County: Filipino				251	**21.6**	*1.40*	2.48	*0.17*
*USA, California, Los Angeles County: Hispanic White				1364	**14.4**	*0.40*	1.74	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Corpus uteri (C54) (contd)

	Male				Female			
	Cases	ASR (W)		CUM 0-74	Cases	ASR (W)		CUM 0-74
America, North (contd)								
*USA, California, Los Angeles County: Japanese					99	**16.9**	*1.92*	2.04 *0.24*
*USA, California, Los Angeles County: Korean					42	**5.3**	*0.83*	0.56 *0.10*
*USA, California, Los Angeles County: Non−Hispanic White					2653	**19.3**	*0.40*	2.39 *0.06*
*USA, California, Los Angeles County: White					4017	**17.5**	*0.29*	2.14 *0.04*
USA, California, San Francisco Bay Area					2711	**16.8**	*0.34*	2.09 *0.05*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander					499	**14.0**	*0.64*	1.62 *0.08*
*USA, California, San Francisco Bay Area: Black					205	**13.8**	*1.01*	1.77 *0.15*
*USA, California, San Francisco Bay Area: Hispanic White					246	**14.5**	*0.97*	1.78 *0.14*
*USA, California, San Francisco Bay Area: Non−Hispanic White					1706	**18.3**	*0.48*	2.34 *0.07*
*USA, California, San Francisco Bay Area: White					1952	**17.8**	*0.43*	2.26 *0.06*
USA, Colorado					2292	**14.2**	*0.31*	1.71 *0.04*
USA, Colorado: Asian and Pacific Islander					29	**7.2**	*1.37*	0.86 *0.19*
USA, Colorado: Black					59	**12.1**	*1.62*	1.48 *0.22*
USA, Colorado: White					2152	**14.2**	*0.32*	1.72 *0.04*
USA, Connecticut					2924	**20.7**	*0.41*	2.57 *0.06*
*USA, Connecticut: Black					184	**18.1**	*1.36*	2.47 *0.20*
*USA, Connecticut: White					2692	**21.1**	*0.44*	2.61 *0.06*
USA, Delaware					674	**20.1**	*0.81*	2.49 *0.11*
USA, Delaware: Black					96	**18.7**	*1.98*	2.32 *0.28*
USA, Delaware: White					564	**20.7**	*0.92*	2.57 *0.12*
USA, Florida					11338	**14.5**	*0.15*	1.79 *0.02*
USA, Florida: Asian and Pacific Islander					91	**6.3**	*0.67*	0.70 *0.09*
USA, Florida: Black					1188	**14.8**	*0.44*	1.94 *0.07*
USA, Florida: White					9904	**14.6**	*0.16*	1.78 *0.02*
USA, Georgia					4014	**12.9**	*0.21*	1.58 *0.03*
USA, Georgia: Asian and Pacific Islander					33	**4.3**	*0.77*	0.47 *0.10*
USA, Georgia: Black					976	**12.8**	*0.43*	1.65 *0.06*
USA, Georgia: White					2981	**13.3**	*0.25*	1.61 *0.03*
USA, Georgia, Atlanta					1313	**13.1**	*0.38*	1.61 *0.05*
*USA, Georgia, Atlanta: Black					386	**12.3**	*0.66*	1.56 *0.10*
*USA, Georgia, Atlanta: White					896	**14.2**	*0.49*	1.73 *0.07*
USA, Idaho					780	**15.5**	*0.58*	1.90 *0.08*
USA, Illinois					8997	**19.2**	*0.21*	2.36 *0.03*
USA, Illinois: Asian and Pacific Islander					134	**8.4**	*0.73*	1.02 *0.10*
USA, Illinois: Black					977	**15.5**	*0.51*	1.97 *0.07*
USA, Illinois: White					7685	**19.8**	*0.24*	2.43 *0.03*
USA, Indiana					4459	**18.7**	*0.30*	2.27 *0.04*
USA, Indiana: Black					234	**14.6**	*0.98*	2.01 *0.15*
USA, Indiana: White					4156	**19.0**	*0.31*	2.29 *0.04*
USA, Iowa					2423	**20.4**	*0.44*	2.52 *0.06*
USA, Kentucky					2830	**17.5**	*0.34*	2.09 *0.05*
USA, Louisiana					1584	**12.0**	*0.32*	1.45 *0.04*
*USA, Louisiana: Black					462	**13.0**	*0.63*	1.64 *0.09*
*USA, Louisiana: White					1109	**11.9**	*0.38*	1.41 *0.05*
*USA, Louisiana, New Orleans					332	**12.8**	*0.73*	1.58 *0.10*
*USA, Louisiana, New Orleans: Black					114	**12.8**	*1.24*	1.65 *0.18*
*USA, Louisiana, New Orleans: White					215	**13.5**	*0.98*	1.61 *0.13*
USA, Maine					1273	**22.9**	*0.68*	2.80 *0.09*
USA, Massachusetts					5486	**21.5**	*0.31*	2.63 *0.04*
USA, Massachusetts: Asian and Pacific Islander					89	**11.6**	*1.27*	1.29 *0.16*
USA, Massachusetts: Black					181	**14.9**	*1.14*	1.95 *0.17*
USA, Massachusetts: White					5133	**21.9**	*0.32*	2.67 *0.04*
USA, Michigan					7597	**19.6**	*0.24*	2.41 *0.03*
USA, Michigan: Asian and Pacific Islander					35	**6.1**	*1.05*	0.77 *0.15*
USA, Michigan: Black					740	**16.2**	*0.62*	2.14 *0.09*
USA, Michigan: White					6649	**20.0**	*0.26*	2.44 *0.04*
USA, Michigan, Detroit					3068	**20.0**	*0.38*	2.50 *0.05*
*USA, Michigan, Detroit: Black					569	**16.7**	*0.72*	2.19 *0.11*
*USA, Michigan, Detroit: White					2450	**21.4**	*0.46*	2.65 *0.06*
USA, Mississippi					1433	**13.3**	*0.37*	1.62 *0.05*
USA, Missouri					3943	**17.0**	*0.29*	2.06 *0.04*
USA, Missouri: Black					291	**13.6**	*0.83*	1.69 *0.12*
USA, Missouri: White					3597	**17.4**	*0.31*	2.11 *0.04*
USA, Montana					654	**17.1**	*0.71*	2.09 *0.10*
USA, Montana: American Indian					32	**20.4**	*3.67*	1.94 *0.41*
USA, Nebraska					1303	**19.3**	*0.57*	2.32 *0.08*
USA, Nebraska: Black					30	**16.0**	*3.04*	1.85 *0.41*
USA, Nebraska: White					1253	**19.4**	*0.59*	2.34 *0.08*
USA, New Hampshire					1078	**21.4**	*0.68*	2.64 *0.09*
USA, New Jersey					7212	**21.0**	*0.26*	2.62 *0.04*
*USA, New Jersey: Black					659	**15.8**	*0.63*	2.07 *0.09*
*USA, New Jersey: White					6227	**22.1**	*0.30*	2.76 *0.04*
USA, New Mexico					995	**14.1**	*0.47*	1.67 *0.06*
*USA, New Mexico: Hispanic White					289	**12.6**	*0.76*	1.46 *0.10*
*USA, New Mexico: Non−Hispanic White					626	**15.3**	*0.65*	1.84 *0.09*
*USA, New Mexico: White					915	**14.4**	*0.50*	1.71 *0.07*
USA, New York State					15888	**20.5**	*0.17*	2.56 *0.02*
USA, New York State: Asian and Pacific Islander					410	**9.8**	*0.49*	1.18 *0.07*
USA, New York State: Black					2091	**17.3**	*0.39*	2.28 *0.06*
USA, New York State: White					13029	**21.4**	*0.20*	2.66 *0.03*
USA, North Carolina					5004	**14.9**	*0.22*	1.83 *0.03*
USA, North Carolina: American Indian					37	**10.7**	*1.79*	1.22 *0.25*
USA, North Carolina: Asian and Pacific Islander					37	**8.9**	*1.53*	1.05 *0.21*
USA, North Carolina: Black					885	**14.3**	*0.50*	1.85 *0.07*
USA, North Carolina: White					4004	**15.3**	*0.25*	1.84 *0.03*
USA, North Dakota					468	**18.6**	*0.94*	2.18 *0.12*
USA, Ohio					8948	**19.6**	*0.22*	2.41 *0.03*
USA, Ohio: Asian and Pacific Islander					26	**5.0**	*1.00*	0.55 *0.13*
USA, Ohio: Black					615	**13.3**	*0.56*	1.72 *0.08*
USA, Ohio: White					8127	**20.2**	*0.24*	2.47 *0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Corpus uteri (C54) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
America, North (contd)								
USA, Oklahoma				1938	**13.8**	*0.33*	1.68	*0.04*
USA, Oklahoma: American Indian				165	**18.1**	*1.44*	2.15	*0.20*
USA, Oklahoma: Black				97	**11.9**	*1.26*	1.48	*0.19*
USA, Oklahoma: White				1651	**13.6**	*0.36*	1.66	*0.05*
USA, Oregon				2502	**17.5**	*0.37*	2.14	*0.05*
USA, Oregon: Asian and Pacific Islander				49	**11.3**	*1.66*	1.41	*0.23*
USA, Oregon: Black				18	**11.0**	*2.69*	1.55	*0.43*
USA, Oregon: White				2339	**17.2**	*0.38*	2.11	*0.05*
USA, Pennsylvania				11768	**22.5**	*0.22*	2.79	*0.03*
USA, Pennsylvania: Asian and Pacific Islander				54	**6.9**	*0.96*	0.83	*0.13*
USA, Pennsylvania: Black				709	**15.7**	*0.62*	2.02	*0.09*
USA, Pennsylvania: White				10864	**23.2**	*0.24*	2.87	*0.03*
USA, Rhode Island				953	**22.4**	*0.77*	2.73	*0.10*
USA, Rhode Island: Black				22	**13.1**	*2.82*	2.00	*0.49*
USA, Rhode Island: White				865	**21.7**	*0.79*	2.64	*0.11*
USA, South Carolina				2394	**13.9**	*0.30*	1.72	*0.04*
USA, South Carolina: Black				640	**15.1**	*0.62*	1.91	*0.09*
USA, South Carolina: White				1712	**13.7**	*0.35*	1.66	*0.05*
USA, South Dakota				561	**18.9**	*0.85*	2.34	*0.12*
USA, Tennessee				3177	**13.4**	*0.25*	1.61	*0.03*
USA, Tennessee: Black				355	**11.8**	*0.65*	1.53	*0.10*
USA, Tennessee: White				2783	**13.7**	*0.27*	1.63	*0.04*
USA, Texas				9733	**13.0**	*0.14*	1.58	*0.02*
USA, Texas: Asian and Pacific Islander				117	**5.2**	*0.49*	0.62	*0.07*
USA, Texas: Black				922	**11.8**	*0.40*	1.51	*0.06*
USA, Texas: White				8479	**13.3**	*0.15*	1.60	*0.02*
USA, Utah				1113	**16.1**	*0.50*	1.98	*0.07*
USA, Vermont				594	**23.7**	*1.02*	2.92	*0.14*
USA, Virginia				4366	**15.4**	*0.24*	1.91	*0.03*
USA, Virginia: Asian and Pacific Islander				92	**8.4**	*0.89*	1.01	*0.12*
USA, Virginia: Black				632	**12.9**	*0.53*	1.66	*0.08*
USA, Virginia: White				3531	**15.9**	*0.28*	1.96	*0.04*
USA, Washington State				4074	**17.6**	*0.29*	2.16	*0.04*
USA, Washington, Seattle				2890	**18.3**	*0.36*	2.26	*0.05*
USA, West Virginia				1637	**21.5**	*0.56*	2.51	*0.07*
USA, Wisconsin				4084	**19.5**	*0.32*	2.39	*0.04*
USA, Wisconsin: Black				115	**15.0**	*1.45*	1.87	*0.21*
USA, Wisconsin: White				3873	**19.6**	*0.33*	2.40	*0.04*
USA, Wyoming				265	**14.0**	*0.90*	1.75	*0.13*
Asia								
Bahrain: Bahraini				44	**6.4**	*0.98*	0.88	*0.15*
China, Beijing City				1863	**6.7**	*0.16*	0.77	*0.02*
*China, Cixian County				37	**2.8**	*0.48*	0.36	*0.07*
China, Haining County				53	**2.5**	*0.35*	0.30	*0.04*
*China, Harbin City, Nangang District				90	**2.9**	*0.31*	0.37	*0.04*
China, Hong Kong				2524	**10.0**	*0.21*	1.13	*0.03*
China, Jiashan County				53	**3.5**	*0.50*	0.39	*0.06*
China, Jiaxing City				44	**4.0**	*0.62*	0.40	*0.07*
China, Macao				85	**5.7**	*0.67*	0.65	*0.09*
China, Qidong County				77	**1.9**	*0.22*	0.23	*0.03*
*China, Shanghai City				1608	**5.8**	*0.15*	0.68	*0.02*
*China, Wuhan City				599	**4.1**	*0.17*	0.48	*0.02*
*China, Yangcheng County				9	**0.8**	*0.27*	0.09	*0.03*
*China, Yanting County				25	**1.6**	*0.32*	0.17	*0.04*
*China, Zhongshan City				447	**16.1**	*0.78*	1.73	*0.09*
*India, Bangalore				367	**5.4**	*0.29*	0.69	*0.04*
*India; Barshi, Paranda, and Bhum				12	**1.1**	*0.33*	0.14	*0.04*
*India, Bhopal				57	**2.7**	*0.37*	0.32	*0.05*
*India, Chennai				266	**2.7**	*0.17*	0.34	*0.02*
*India, Dindigul, Ambilikkai				49	**1.0**	*0.15*	0.12	*0.02*
*India, Karunagappally				16	**1.3**	*0.33*	0.16	*0.04*
*India, Mizoram				24	**1.8**	*0.38*	0.21	*0.05*
*India, Mumbai				737	**3.2**	*0.12*	0.40	*0.02*
*India, New Delhi				974	**4.5**	*0.15*	0.57	*0.02*
*India, Poona				173	**2.4**	*0.18*	0.29	*0.03*
*India, Sikkim State				14	**1.8**	*0.50*	0.21	*0.07*
*India, Trivandrum				89	**4.9**	*0.53*	0.65	*0.08*
*Iran (Islamic Republic of), Golestan Province				28	**1.7**	*0.33*	0.21	*0.05*
Israel				2954	**14.2**	*0.28*	1.78	*0.04*
*Israel: Jews				2727	**14.4**	*0.30*	1.80	*0.04*
*Israel: Non–Jews				227	**12.2**	*0.83*	1.53	*0.12*
Japan, Aichi Prefecture				356	**6.8**	*0.37*	0.78	*0.04*
Japan, Fukui Prefecture				211	**5.5**	*0.42*	0.64	*0.05*
Japan, Hiroshima				498	**10.5**	*0.50*	1.17	*0.06*
Japan, Miyagi Prefecture				711	**6.8**	*0.28*	0.78	*0.03*
Japan, Nagasaki Prefecture				561	**8.4**	*0.39*	0.92	*0.04*
Japan, Niigata Prefecture				869	**8.1**	*0.30*	0.91	*0.03*
*Japan, Osaka Prefecture				2114	**5.4**	*0.13*	0.60	*0.01*
Japan, Saga Prefecture				265	**6.6**	*0.44*	0.77	*0.05*
Republic of Korea				6071	**3.9**	*0.05*	0.42	*0.01*
Republic of Korea, Busan				481	**3.7**	*0.17*	0.40	*0.02*
Republic of Korea, Daegu				254	**3.1**	*0.20*	0.33	*0.02*
Republic of Korea, Daejeon				180	**4.1**	*0.31*	0.42	*0.03*
Republic of Korea, Gwangju				132	**3.2**	*0.28*	0.36	*0.03*
Republic of Korea, Incheon				319	**4.1**	*0.23*	0.44	*0.03*
Republic of Korea, Jejudo				36	**2.6**	*0.44*	0.29	*0.05*
Republic of Korea, Seoul				1473	**4.5**	*0.12*	0.49	*0.01*
Republic of Korea, Ulsan				118	**4.0**	*0.39*	0.44	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Corpus uteri (C54) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Asia (contd)								
Kuwait				156	**7.0**	*0.61*	0.89	*0.09*
*Kuwait: Kuwaitis				102	**7.8**	*0.80*	0.97	*0.12*
*Kuwait: Non−Kuwaitis				54	**6.0**	*0.99*	0.82	*0.17*
*Malaysia, Penang				188	**7.0**	*0.52*	0.84	*0.07*
*Malaysia, Penang: Chinese				99	**6.3**	*0.64*	0.74	*0.08*
*Malaysia, Penang: Indian				41	**15.8**	*2.56*	1.91	*0.37*
*Malaysia, Penang: Malay				47	**5.1**	*0.77*	0.63	*0.11*
*Philippines, Manila				1108	**10.5**	*0.33*	1.22	*0.04*
*Philippines, Rizal				1070	**9.6**	*0.31*	1.11	*0.04*
Qatar: Qatari				20	**6.9**	*1.62*	0.62	*0.17*
*Saudi Arabia, Riyadh: Saudi				184	**4.4**	*0.33*	0.57	*0.05*
Singapore				1327	**11.7**	*0.33*	1.35	*0.04*
Singapore: Chinese				1097	**12.0**	*0.37*	1.37	*0.05*
Singapore: Indian				79	**11.7**	*1.38*	1.38	*0.19*
Singapore: Malay				137	**11.0**	*0.98*	1.33	*0.13*
Thailand, Bangkok				836	**4.7**	*0.16*	0.56	*0.02*
Thailand, Chiang Mai				196	**4.1**	*0.31*	0.52	*0.04*
Thailand, Chonburi				158	**5.2**	*0.42*	0.61	*0.06*
*Thailand, Khon Kaen				169	**3.3**	*0.26*	0.40	*0.03*
Thailand, Lampang				84	**3.2**	*0.35*	0.35	*0.04*
*Thailand, Songkhla				105	**3.8**	*0.38*	0.49	*0.05*
*Turkey, Antalya				298	**7.8**	*0.46*	0.92	*0.06*
*Turkey, Edirne				79	**7.8**	*0.90*	0.98	*0.12*
*Turkey, Izmir				1017	**10.0**	*0.32*	1.21	*0.04*
*Turkey, Trabzon				68	**5.5**	*0.68*	0.61	*0.08*
Europe								
Austria				4838	**12.1**	*0.19*	1.54	*0.03*
Austria, Tyrol				388	**12.3**	*0.67*	1.61	*0.10*
Austria, Vorarlberg				187	**12.3**	*0.95*	1.58	*0.14*
*Belarus				6862	**16.8**	*0.21*	2.06	*0.03*
*Belgium				5517	**13.3**	*0.20*	1.72	*0.03*
Bulgaria				5997	**16.6**	*0.23*	2.07	*0.03*
Croatia				2758	**12.6**	*0.26*	1.58	*0.03*
Cyprus				354	**12.3**	*0.68*	1.63	*0.10*
Czech Republic				8772	**18.2**	*0.21*	2.30	*0.03*
Denmark				3290	**12.8**	*0.24*	1.63	*0.03*
*Estonia				965	**14.1**	*0.49*	1.73	*0.06*
Finland				3912	**14.8**	*0.25*	1.91	*0.04*
*France, Bas−Rhin				671	**14.8**	*0.62*	1.98	*0.09*
*France, Calvados				379	**11.5**	*0.66*	1.54	*0.10*
*France, Doubs				253	**10.6**	*0.73*	1.44	*0.11*
*France, Haut−Rhin				422	**13.1**	*0.69*	1.71	*0.10*
*France, Hérault				508	**10.0**	*0.49*	1.31	*0.07*
*France, Isère				510	**10.0**	*0.48*	1.30	*0.07*
*France, Loire−Atlantique				477	**8.6**	*0.43*	1.12	*0.06*
*France, Manche				266	**10.7**	*0.74*	1.35	*0.10*
*France, Somme				353	**13.6**	*0.79*	1.89	*0.12*
*France, Tarn				255	**13.3**	*0.95*	1.68	*0.13*
*France, Vendée				252	**8.4**	*0.59*	1.09	*0.08*
Germany, Brandenburg				1813	**12.4**	*0.32*	1.57	*0.04*
Germany, Bremen				492	**13.3**	*0.66*	1.70	*0.09*
Germany, Free State of Saxony				3562	**13.3**	*0.25*	1.70	*0.03*
Germany, Hamburg				863	**9.7**	*0.37*	1.18	*0.05*
Germany, Mecklenburg−Western Pomerania				1177	**12.4**	*0.39*	1.58	*0.05*
Germany, Munich				2565	**12.5**	*0.27*	1.63	*0.04*
Germany, North Rhine−Westphalia				1510	**11.7**	*0.33*	1.46	*0.04*
Germany, Saarland				755	**12.3**	*0.50*	1.54	*0.07*
Germany, Schleswig−Holstein				1815	**11.5**	*0.30*	1.45	*0.04*
Iceland				130	**12.4**	*1.15*	1.57	*0.16*
Ireland				1467	**10.6**	*0.29*	1.32	*0.04*
Italy, Biella				134	**12.8**	*1.25*	1.53	*0.15*
Italy, Brescia				468	**11.9**	*0.60*	1.45	*0.08*
Italy, Catania and Messina				639	**13.5**	*0.58*	1.68	*0.08*
Italy, Catanzaro				132	**12.5**	*1.17*	1.59	*0.15*
Italy, Como				364	**13.4**	*0.76*	1.70	*0.10*
Italy, Ferrara				296	**14.1**	*0.92*	1.73	*0.12*
Italy, Florence and Prato				563	**16.5**	*0.82*	1.83	*0.09*
Italy, Friuli−Venezia Giulia				781	**11.5**	*0.46*	1.42	*0.06*
Italy, Genoa				605	**14.3**	*0.66*	1.83	*0.08*
Italy, Latina				247	**10.6**	*0.72*	1.26	*0.09*
Italy, Lecco				242	**14.5**	*1.02*	1.83	*0.14*
Italy, Lombardy, South				341	**14.1**	*0.86*	1.73	*0.11*
Italy, Mantua				167	**14.0**	*1.20*	1.73	*0.15*
Italy, Milan				776	**12.6**	*0.51*	1.52	*0.06*
Italy, Modena				522	**15.6**	*0.76*	1.93	*0.10*
Italy, Naples				234	**11.6**	*0.80*	1.48	*0.11*
Italy, Nuoro				141	**10.9**	*1.02*	1.40	*0.14*
Italy, Palermo				514	**11.6**	*0.55*	1.47	*0.07*
Italy, Parma				368	**16.0**	*0.98*	1.92	*0.12*
Italy, Ragusa				196	**13.1**	*1.03*	1.66	*0.14*
Italy, Reggio Emilia				350	**14.7**	*0.87*	1.85	*0.11*
Italy, Romagna				823	**13.5**	*0.53*	1.64	*0.07*
Italy, Salerno				490	**10.1**	*0.50*	1.23	*0.06*
Italy, Sassari				294	**13.0**	*0.81*	1.67	*0.11*
Italy, Sondrio				106	**12.0**	*1.29*	1.45	*0.17*
Italy, South Tyrol				216	**12.2**	*0.90*	1.61	*0.13*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Corpus uteri (C54) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Europe (contd)								
Italy, Syracuse				227	**12.7**	*0.90*	1.55	*0.12*
Italy, Trapani				227	**14.2**	*1.02*	1.82	*0.13*
Italy, Trento				229	**12.6**	*0.91*	1.53	*0.11*
Italy, Turin				649	**12.0**	*0.53*	1.54	*0.07*
Italy, Umbria				614	**12.8**	*0.58*	1.60	*0.08*
Italy, Varese				599	**13.4**	*0.60*	1.63	*0.08*
Italy, Veneto				1047	**11.2**	*0.38*	1.36	*0.05*
Latvia				1524	**16.7**	*0.46*	2.10	*0.06*
Lithuania				2638	**16.8**	*0.35*	2.10	*0.05*
Malta				286	**16.3**	*1.01*	2.14	*0.14*
*The Netherlands				8778	**12.1**	*0.14*	1.56	*0.02*
*The Netherlands, Eindhoven				596	**13.5**	*0.58*	1.74	*0.08*
Norway				3318	**16.4**	*0.31*	2.07	*0.04*
Poland, Cracow				453	**16.7**	*0.83*	2.07	*0.11*
Poland, Kielce				845	**15.6**	*0.57*	1.98	*0.08*
Poland, Lower Silesia				1762	**13.9**	*0.35*	1.78	*0.05*
Poland, Podkarpackie				1195	**15.1**	*0.46*	1.89	*0.06*
Portugal, Azores				114	**11.6**	*1.19*	1.48	*0.17*
Russian Federation, Saint Petersburg				3359	**14.5**	*0.27*	1.79	*0.03*
*Serbia, Central				3289	**13.4**	*0.25*	1.64	*0.03*
Slovakia				4111	**19.0**	*0.31*	2.41	*0.04*
Slovenia				1475	**15.7**	*0.44*	1.94	*0.06*
Spain, Albacete				187	**10.5**	*0.87*	1.34	*0.12*
Spain, Asturias				795	**13.5**	*0.54*	1.63	*0.07*
Spain, Basque Country				1407	**13.8**	*0.40*	1.73	*0.05*
Spain, Canary Islands				545	**10.9**	*0.49*	1.39	*0.07*
Spain, Ciudad Real				208	**11.4**	*0.90*	1.49	*0.12*
Spain, Cuenca				121	**12.4**	*1.33*	1.47	*0.16*
Spain, Girona				351	**12.3**	*0.73*	1.53	*0.10*
*Spain, Granada				543	**15.4**	*0.72*	1.92	*0.09*
Spain, La Rioja				190	**13.6**	*1.11*	1.64	*0.15*
Spain, Mallorca				374	**11.3**	*0.64*	1.44	*0.09*
Spain, Murcia				789	**15.9**	*0.61*	1.97	*0.08*
Spain, Navarra				368	**13.5**	*0.78*	1.67	*0.10*
Spain, Tarragona				332	**11.0**	*0.66*	1.37	*0.09*
*Sweden				6679	**14.0**	*0.19*	1.83	*0.03*
Switzerland, Basel				301	**13.0**	*0.82*	1.66	*0.11*
Switzerland, Geneva				269	**12.7**	*0.83*	1.63	*0.12*
Switzerland, Graubünden and Glarus				124	**12.0**	*1.16*	1.53	*0.16*
Switzerland, Neuchâtel				116	**12.0**	*1.27*	1.47	*0.18*
Switzerland, St Gall−Appenzell				314	**13.4**	*0.81*	1.68	*0.11*
Switzerland, Ticino				132	**7.7**	*0.75*	0.90	*0.10*
Switzerland, Valais				162	**12.2**	*1.03*	1.50	*0.14*
Switzerland, Vaud				381	**11.7**	*0.65*	1.51	*0.10*
Switzerland, Zurich				730	**11.6**	*0.46*	1.45	*0.07*
Ukraine				33510	**16.0**	*0.09*	1.95	*0.01*
UK, England				27768	**12.3**	*0.08*	1.57	*0.01*
UK, England, East of England Region				3280	**12.4**	*0.23*	1.58	*0.03*
UK, England, North Western				3396	**11.4**	*0.21*	1.47	*0.03*
UK, England, Northern and Yorkshire				3577	**11.6**	*0.21*	1.49	*0.03*
UK, England, Oxford Region				1356	**11.8**	*0.34*	1.52	*0.05*
UK, England, South and Western Regions				4336	**12.6**	*0.21*	1.62	*0.03*
UK, England, Thames				5708	**12.2**	*0.17*	1.55	*0.02*
UK, England, Trent				1838	**13.6**	*0.34*	1.73	*0.05*
UK, England, West Midlands				3187	**13.1**	*0.25*	1.67	*0.03*
UK, Northern Ireland				904	**13.4**	*0.47*	1.68	*0.06*
UK, Scotland				2612	**10.8**	*0.23*	1.38	*0.03*
UK, Wales				1998	**13.7**	*0.33*	1.76	*0.05*
Oceania								
Australian Capital Territory				119	**10.5**	*1.00*	1.29	*0.15*
Australia, New South Wales				2756	**10.4**	*0.21*	1.30	*0.03*
Australia, Northern Territory				52	**11.1**	*1.62*	1.20	*0.23*
Australia, Northern Territory: Indigenous				20	**17.6**	*4.11*	2.08	*0.56*
Australia, Northern Territory: Non−Indigenous				30	**8.5**	*1.65*	0.86	*0.24*
Australia, Queensland				1695	**11.5**	*0.29*	1.46	*0.04*
South Australia				839	**12.5**	*0.46*	1.56	*0.06*
Australia, Tasmania				193	**9.5**	*0.72*	1.23	*0.10*
Australia, Victoria				2351	**12.2**	*0.26*	1.51	*0.04*
Western Australia				723	**9.5**	*0.37*	1.16	*0.05*
New Zealand				1778	**11.8**	*0.29*	1.45	*0.04*
New Zealand: Maori				222	**19.0**	*1.31*	2.29	*0.18*
New Zealand: Pacific Islander				179	**36.3**	*2.78*	4.33	*0.38*
New Zealand: Other				1377	**10.1**	*0.29*	1.25	*0.04*
USA, Hawaii				974	**21.1**	*0.71*	2.39	*0.09*
*USA, Hawaii: Chinese				55	**17.1**	*2.53*	1.98	*0.33*
*USA, Hawaii: Filipino				132	**21.1**	*1.89*	2.41	*0.23*
*USA, Hawaii: Hawaiian				211	**29.7**	*2.08*	3.47	*0.26*
*USA, Hawaii: Japanese				229	**19.8**	*1.45*	2.20	*0.16*
*USA, Hawaii: White				231	**18.3**	*1.29*	2.19	*0.18*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Uterus unspecified (C55)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Africa								
*Algeria, Sétif				22	**0.9**	*0.20*	–	-
Egypt, Gharbiah				31	**0.5**	*0.08*	0.06	*0.01*
*Libya, Benghazi				98	**8.3**	*0.86*	1.08	*0.13*
*Malawi, Blantyre				23	**2.1**	*0.50*	0.27	*0.07*
*South Africa, PROMEC				10	**0.4**	*0.13*	0.05	*0.02*
*Tunisia, North				32	**0.5**	*0.09*	0.06	*0.01*
*Uganda, Kyadondo County				23	**1.7**	*0.39*	0.22	*0.06*
*Zimbabwe, Harare: African				17	**1.8**	*0.49*	0.13	*0.04*
America, Central and South								
Argentina, Bahía Blanca				22	**1.9**	*0.46*	0.20	*0.06*
Argentina, Córdoba				71	**1.9**	*0.24*	0.21	*0.03*
Argentina, Mendoza				124	**2.3**	*0.22*	0.23	*0.03*
*Argentina, Tierra del Fuego				5	**2.4**	*1.14*	0.32	*0.17*
Brazil, Aracaju				8	**1.0**	*0.35*	0.17	*0.07*
Brazil, Belo Horizonte				33	**0.9**	*0.15*	0.10	*0.02*
Brazil, Cuiabá				20	**2.0**	*0.45*	0.28	*0.08*
Brazil, Fortaleza				45	**1.0**	*0.15*	0.09	*0.02*
Brazil, Goiânia				41	**1.5**	*0.24*	0.17	*0.03*
*Brazil, São Paulo				983	**3.2**	*0.11*	0.36	*0.01*
Chile, Region of Antofagasta				20	**1.4**	*0.32*	0.10	*0.03*
Chile, Bío Bío Province				4	**0.3**	*0.17*	0.03	*0.01*
Chile, Valdivia				10	**0.8**	*0.27*	0.11	*0.04*
Colombia, Bucaramanga				19	**0.7**	*0.17*	0.09	*0.02*
Colombia, Cali				26	**0.5**	*0.10*	0.05	*0.01*
Colombia, Manizales				9	**0.9**	*0.29*	0.10	*0.03*
Colombia, Pasto				1	**0.1**	*0.11*	0.01	*0.01*
Costa Rica				65	**0.6**	*0.08*	0.07	*0.01*
Cuba, Villa Clara				38	**1.5**	*0.26*	0.14	*0.03*
Ecuador, Cuenca				22	**1.6**	*0.37*	0.17	*0.05*
Ecuador, Quito				42	**1.0**	*0.17*	0.08	*0.02*
*France, Martinique				14	**0.7**	*0.20*	0.10	*0.03*
*Jamaica, Kingston and St Andrew				6	**0.3**	*0.16*	0.04	*0.02*
USA, Puerto Rico				135	**0.8**	*0.08*	0.09	*0.01*
Uruguay				116	**1.3**	*0.14*	0.14	*0.02*
America, North								
Canada				675	**0.4**	*0.02*	0.04	*0.00*
Canada, Alberta				36	**0.3**	*0.05*	0.02	*0.01*
Canada, British Columbia				31	**0.1**	*0.02*	0.00	*0.00*
Canada, Manitoba				11	**0.2**	*0.08*	0.03	*0.01*
Canada, New Brunswick				6	**0.2**	*0.08*	0.02	*0.01*
Canada, Newfoundland and Labrador				8	**0.4**	*0.16*	0.04	*0.02*
*Canada, Northwest Territories				1	**0.7**	*0.69*	0.06	*0.06*
Canada, Nova Scotia				13	**0.2**	*0.07*	0.02	*0.01*
Canada, Ontario				260	**0.5**	*0.03*	0.05	*0.00*
Canada, Prince Edward Island				2	**0.2**	*0.20*	0.02	*0.02*
*Canada, Quebec				289	**0.8**	*0.05*	0.08	*0.01*
Canada, Saskatchewan				18	**0.4**	*0.12*	0.04	*0.01*
*Canada, Yukon				0	**-**	-	–	-
USA, NPCR (42 states)				5684	**0.5**	*0.01*	0.06	*0.00*
USA, NPCR (42 states): American Indian				45	**0.6**	*0.09*	0.06	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander				95	**0.3**	*0.03*	0.03	*0.00*
USA, NPCR (42 states): Black				1060	**0.9**	*0.03*	0.11	*0.00*
USA, NPCR (42 states): White				4383	**0.4**	*0.01*	0.05	*0.00*
USA, SEER (9 registries)				422	**0.4**	*0.02*	0.04	*0.00*
*USA, SEER (9 registries): Black				95	**0.9**	*0.10*	0.12	*0.02*
*USA, SEER (9 registries): White				303	**0.3**	*0.02*	0.03	*0.00*
USA, SEER (18 registries)				1268	**0.4**	*0.01*	0.04	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander				61	**0.2**	*0.03*	0.03	*0.00*
*USA, SEER (18 registries): Black				230	**0.8**	*0.05*	0.09	*0.01*
*USA, SEER (18 registries): Hispanic White				125	**0.4**	*0.03*	0.04	*0.00*
*USA, SEER (18 registries): Non–Hispanic White				835	**0.3**	*0.01*	0.04	*0.00*
*USA, SEER (18 registries): White				960	**0.3**	*0.01*	0.04	*0.00*
USA, Alabama				83	**0.4**	*0.05*	0.05	*0.01*
USA, Alabama: Black				41	**0.9**	*0.15*	0.12	*0.02*
USA, Alabama: White				41	**0.3**	*0.04*	0.03	*0.01*
USA, Alaska				5	**0.2**	*0.11*	0.03	*0.02*
*USA, Alaska: American Indian				0	**-**	-	–	-
USA, Arizona				127	**0.5**	*0.05*	0.06	*0.01*
USA, Arizona: American Indian				6	**0.9**	*0.35*	0.12	*0.05*
USA, Arizona: Asian and Pacific Islander				0	**-**	-	–	-
USA, Arizona: Black				6	**1.1**	*0.47*	0.14	*0.07*
USA, Arizona: White				111	**0.5**	*0.05*	0.05	*0.01*
USA, Arkansas				53	**0.4**	*0.07*	0.05	*0.01*
USA, Arkansas: Black				13	**0.8**	*0.24*	0.08	*0.03*
USA, Arkansas: White				38	**0.4**	*0.06*	0.04	*0.01*
USA, California				458	**0.3**	*0.02*	0.04	*0.00*
USA, California: American Indian				6	**0.4**	*0.15*	0.02	*0.01*
USA, California: Asian and Pacific Islander				43	**0.3**	*0.04*	0.03	*0.01*
USA, California: Black				43	**0.6**	*0.09*	0.07	*0.01*
USA, California: White				361	**0.3**	*0.02*	0.03	*0.00*
USA, California, Los Angeles County				130	**0.4**	*0.03*	0.04	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander				16	**0.3**	*0.07*	0.03	*0.01*
*USA, California, Los Angeles County: Black				23	**0.7**	*0.14*	0.09	*0.02*
*USA, California, Los Angeles County: Chinese				3	**0.2**	*0.11*	0.04	*0.02*
*USA, California, Los Angeles County: Filipino				3	**0.2**	*0.14*	0.03	*0.02*
*USA, California, Los Angeles County: Hispanic White				31	**0.3**	*0.06*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Uterus unspecified (C55) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74		Cases	ASR (W)	CUM 0-74	
America, North (contd)								
*USA, California, Los Angeles County: Japanese					3	**0.6**	*0.38*	0.06	*0.04*
*USA, California, Los Angeles County: Korean					2	**0.2**	*0.18*	0.03	*0.03*
*USA, California, Los Angeles County: Non−Hispanic White					58	**0.3**	*0.05*	0.04	*0.01*
*USA, California, Los Angeles County: White					89	**0.3**	*0.04*	0.03	*0.00*
USA, California, San Francisco Bay Area					45	**0.2**	*0.04*	0.02	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander					6	**0.1**	*0.06*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Black					6	**0.4**	*0.17*	0.04	*0.02*
*USA, California, San Francisco Bay Area: Hispanic White					5	**0.3**	*0.12*	0.03	*0.02*
*USA, California, San Francisco Bay Area: Non−Hispanic White					28	**0.2**	*0.05*	0.03	*0.01*
*USA, California, San Francisco Bay Area: White					33	**0.3**	*0.05*	0.03	*0.01*
USA, Colorado					57	**0.3**	*0.04*	0.02	*0.01*
USA, Colorado: Asian and Pacific Islander					1	**0.2**	*0.18*	–	-
USA, Colorado: Black					4	**0.6**	*0.32*	0.05	*0.05*
USA, Colorado: White					52	**0.3**	*0.04*	0.02	*0.01*
USA, Connecticut					70	**0.5**	*0.06*	0.05	*0.01*
*USA, Connecticut: Black					15	**1.5**	*0.39*	0.22	*0.06*
*USA, Connecticut: White					53	**0.4**	*0.06*	0.04	*0.01*
USA, Delaware					24	**0.7**	*0.15*	0.09	*0.02*
USA, Delaware: Black					8	**1.4**	*0.52*	0.15	*0.07*
USA, Delaware: White					15	**0.5**	*0.14*	0.08	*0.02*
USA, Florida					598	**0.7**	*0.03*	0.08	*0.00*
USA, Florida: Asian and Pacific Islander					3	**0.2**	*0.13*	0.03	*0.02*
USA, Florida: Black					113	**1.4**	*0.14*	0.17	*0.02*
USA, Florida: White					471	**0.6**	*0.03*	0.07	*0.00*
USA, Georgia					133	**0.4**	*0.04*	0.05	*0.01*
USA, Georgia: Asian and Pacific Islander					0	**-**	-	–	-
USA, Georgia: Black					62	**0.8**	*0.10*	0.11	*0.02*
USA, Georgia: White					70	**0.3**	*0.04*	0.03	*0.00*
USA, Georgia, Atlanta					52	**0.5**	*0.07*	0.06	*0.01*
*USA, Georgia, Atlanta: Black					30	**1.0**	*0.18*	0.13	*0.03*
*USA, Georgia, Atlanta: White					21	**0.3**	*0.07*	0.03	*0.01*
USA, Idaho					12	**0.2**	*0.07*	0.03	*0.01*
USA, Illinois					198	**0.3**	*0.03*	0.04	*0.00*
USA, Illinois: Asian and Pacific Islander					4	**0.3**	*0.14*	0.05	*0.03*
USA, Illinois: Black					51	**0.8**	*0.11*	0.09	*0.02*
USA, Illinois: White					142	**0.3**	*0.03*	0.03	*0.00*
USA, Indiana					105	**0.3**	*0.04*	0.03	*0.00*
USA, Indiana: Black					10	**0.5**	*0.17*	0.06	*0.02*
USA, Indiana: White					93	**0.3**	*0.04*	0.03	*0.00*
USA, Iowa					61	**0.4**	*0.07*	0.04	*0.01*
USA, Kentucky					63	**0.3**	*0.04*	0.02	*0.00*
USA, Louisiana					59	**0.4**	*0.06*	0.04	*0.01*
*USA, Louisiana: Black					25	**0.6**	*0.13*	0.06	*0.02*
*USA, Louisiana: White					34	**0.3**	*0.06*	0.03	*0.01*
*USA, Louisiana, New Orleans					14	**0.5**	*0.14*	0.06	*0.02*
*USA, Louisiana, New Orleans: Black					7	**0.8**	*0.30*	0.09	*0.04*
*USA, Louisiana, New Orleans: White					7	**0.3**	*0.14*	0.03	*0.02*
USA, Maine					24	**0.4**	*0.09*	0.05	*0.01*
USA, Massachusetts					116	**0.3**	*0.04*	0.03	*0.00*
USA, Massachusetts: Asian and Pacific Islander					2	**0.2**	*0.17*	0.03	*0.02*
USA, Massachusetts: Black					11	**0.7**	*0.22*	0.06	*0.03*
USA, Massachusetts: White					102	**0.3**	*0.04*	0.03	*0.00*
USA, Michigan					299	**0.7**	*0.04*	0.07	*0.01*
USA, Michigan: Asian and Pacific Islander					3	**0.6**	*0.33*	0.07	*0.04*
USA, Michigan: Black					55	**1.1**	*0.16*	0.12	*0.02*
USA, Michigan: White					234	**0.6**	*0.04*	0.07	*0.01*
USA, Michigan, Detroit					99	**0.6**	*0.07*	0.07	*0.01*
*USA, Michigan, Detroit: Black					38	**1.1**	*0.18*	0.12	*0.03*
*USA, Michigan, Detroit: White					56	**0.4**	*0.07*	0.05	*0.01*
USA, Mississippi					64	**0.5**	*0.07*	0.05	*0.01*
USA, Missouri					172	**0.6**	*0.05*	0.06	*0.01*
USA, Missouri: Black					15	**0.6**	*0.16*	0.06	*0.02*
USA, Missouri: White					153	**0.5**	*0.05*	0.06	*0.01*
USA, Montana					0	**-**	-	–	-
USA, Montana: American Indian					0	**-**	-	–	-
USA, Nebraska					43	**0.5**	*0.09*	0.05	*0.01*
USA, Nebraska: Black					0	**-**	-	–	-
USA, Nebraska: White					43	**0.5**	*0.09*	0.05	*0.01*
USA, New Hampshire					36	**0.6**	*0.11*	0.06	*0.01*
USA, New Jersey					230	**0.6**	*0.04*	0.07	*0.01*
*USA, New Jersey: Black					38	**0.9**	*0.15*	0.11	*0.02*
*USA, New Jersey: White					186	**0.6**	*0.05*	0.06	*0.01*
USA, New Mexico					30	**0.4**	*0.08*	0.05	*0.01*
*USA, New Mexico: Hispanic White					10	**0.4**	*0.12*	0.04	*0.02*
*USA, New Mexico: Non−Hispanic White					18	**0.5**	*0.13*	0.07	*0.02*
*USA, New Mexico: White					28	**0.4**	*0.09*	0.05	*0.01*
USA, New York State					486	**0.6**	*0.03*	0.06	*0.00*
USA, New York State: Asian and Pacific Islander					9	**0.2**	*0.08*	0.02	*0.01*
USA, New York State: Black					143	**1.1**	*0.10*	0.13	*0.01*
USA, New York State: White					328	**0.5**	*0.03*	0.05	*0.00*
USA, North Carolina					217	**0.6**	*0.05*	0.07	*0.01*
USA, North Carolina: American Indian					2	**0.6**	*0.41*	0.04	*0.04*
USA, North Carolina: Asian and Pacific Islander					2	**0.4**	*0.29*	0.04	*0.03*
USA, North Carolina: Black					77	**1.3**	*0.15*	0.16	*0.02*
USA, North Carolina: White					132	**0.5**	*0.04*	0.05	*0.01*
USA, North Dakota					20	**0.8**	*0.19*	0.08	*0.02*
USA, Ohio					257	**0.5**	*0.03*	0.05	*0.00*
USA, Ohio: Asian and Pacific Islander					2	**0.4**	*0.31*	0.03	*0.03*
USA, Ohio: Black					37	**0.8**	*0.13*	0.09	*0.02*
USA, Ohio: White					216	**0.4**	*0.03*	0.04	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Uterus unspecified (C55) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74		Cases	ASR (W)	CUM 0-74	
America, North (contd)								
USA, Oklahoma					146	**0.9**	0.09	0.10	0.01
USA, Oklahoma: American Indian					14	**1.5**	0.41	0.14	0.04
USA, Oklahoma: Black					8	**0.8**	0.30	0.07	0.04
USA, Oklahoma: White					122	**0.9**	0.09	0.09	0.01
USA, Oregon					56	**0.4**	0.05	0.04	0.01
USA, Oregon: Asian and Pacific Islander					3	**0.7**	0.43	0.07	0.05
USA, Oregon: Black					4	**1.5**	0.81	0.08	0.06
USA, Oregon: White					49	**0.3**	0.05	0.04	0.01
USA, Pennsylvania					171	**0.2**	0.02	0.02	0.00
USA, Pennsylvania: Asian and Pacific Islander					1	**0.2**	0.15	0.04	0.04
USA, Pennsylvania: Black					12	**0.2**	0.07	0.02	0.01
USA, Pennsylvania: White					155	**0.2**	0.02	0.02	0.00
USA, Rhode Island					21	**0.3**	0.09	0.04	0.01
USA, Rhode Island: Black					1	**0.6**	0.61	0.15	0.15
USA, Rhode Island: White					20	**0.3**	0.09	0.03	0.01
USA, South Carolina					91	**0.5**	0.06	0.06	0.01
USA, South Carolina: Black					44	**0.9**	0.15	0.10	0.02
USA, South Carolina: White					45	**0.4**	0.06	0.04	0.01
USA, South Dakota					11	**0.2**	0.08	0.02	0.01
USA, Tennessee					166	**0.7**	0.05	0.07	0.01
USA, Tennessee: Black					30	**0.9**	0.18	0.11	0.03
USA, Tennessee: White					135	**0.6**	0.06	0.07	0.01
USA, Texas					577	**0.7**	0.03	0.08	0.00
USA, Texas: Asian and Pacific Islander					7	**0.3**	0.11	0.03	0.02
USA, Texas: Black					84	**1.1**	0.12	0.12	0.02
USA, Texas: White					468	**0.7**	0.03	0.07	0.00
USA, Utah					19	**0.3**	0.06	0.03	0.01
USA, Vermont					19	**0.6**	0.16	0.09	0.03
USA, Virginia					253	**0.9**	0.06	0.10	0.01
USA, Virginia: Asian and Pacific Islander					3	**0.3**	0.17	0.05	0.03
USA, Virginia: Black					63	**1.2**	0.16	0.14	0.02
USA, Virginia: White					174	**0.8**	0.06	0.09	0.01
USA, Washington State					77	**0.3**	0.04	0.03	0.00
USA, Washington, Seattle					35	**0.2**	0.03	0.01	0.00
USA, West Virginia					48	**0.5**	0.08	0.05	0.01
USA, Wisconsin					203	**0.9**	0.07	0.10	0.01
USA, Wisconsin: Black					10	**1.3**	0.42	0.16	0.06
USA, Wisconsin: White					179	**0.8**	0.07	0.09	0.01
USA, Wyoming					12	**0.8**	0.24	0.08	0.03
Asia								
Bahrain: Bahraini					19	**2.8**	0.65	0.38	0.10
China, Beijing City					147	**0.5**	0.04	0.05	0.01
*China, Cixian County					20	**1.4**	0.32	0.23	0.06
China, Haining County					24	**1.0**	0.21	0.11	0.03
*China, Harbin City, Nangang District					46	**1.4**	0.21	0.14	0.02
China, Hong Kong					32	**0.1**	0.02	0.01	0.00
China, Jiashan County					2	**0.1**	0.08	0.03	0.02
China, Jiaxing City					6	**0.5**	0.23	0.07	0.03
China, Macao					25	**1.6**	0.33	0.16	0.04
China, Qidong County					39	**0.9**	0.14	0.08	0.02
*China, Shanghai City					217	**0.7**	0.05	0.08	0.01
*China, Wuhan City					110	**0.7**	0.07	0.08	0.01
*China, Yangcheng County					1	**0.1**	0.14	0.02	0.02
*China, Yanting County					117	**7.1**	0.66	0.86	0.09
*China, Zhongshan City					11	**0.4**	0.11	0.04	0.01
*India, Bangalore					67	**0.9**	0.11	0.08	0.01
*India; Barshi, Paranda, and Bhum					3	**0.3**	0.17	0.03	0.02
*India, Bhopal					7	**0.3**	0.12	0.04	0.01
*India, Chennai					55	**0.6**	0.08	0.07	0.01
*India, Dindigul, Ambilikkai					6	**0.1**	0.05	0.01	0.01
*India, Karunagappally					4	**0.3**	0.16	0.03	0.01
*India, Mizoram					9	**0.5**	0.19	0.06	0.02
*India, Mumbai					192	**0.8**	0.06	0.09	0.01
*India, New Delhi					137	**0.6**	0.05	0.06	0.01
*India, Poona					31	**0.4**	0.08	0.06	0.01
*India, Sikkim State					5	**0.7**	0.32	0.09	0.04
*India, Trivandrum					9	**0.5**	0.16	0.05	0.02
*Iran (Islamic Republic of), Golestan Province					17	**0.9**	0.23	0.09	0.03
Israel					81	**0.3**	0.04	0.03	0.01
*Israel: Jews					75	**0.3**	0.04	0.03	0.01
*Israel: Non–Jews					6	**0.3**	0.14	0.05	0.02
Japan, Aichi Prefecture					40	**0.5**	0.08	0.04	0.01
Japan, Fukui Prefecture					29	**0.4**	0.10	0.03	0.01
Japan, Hiroshima					41	**0.4**	0.07	0.03	0.01
Japan, Miyagi Prefecture					68	**0.5**	0.07	0.05	0.01
Japan, Nagasaki Prefecture					47	**0.4**	0.08	0.04	0.01
Japan, Niigata Prefecture					49	**0.2**	0.05	0.02	0.00
*Japan, Osaka Prefecture					520	**1.0**	0.05	0.10	0.01
Japan, Saga Prefecture					29	**0.4**	0.11	0.04	0.01
Republic of Korea					567	**0.3**	0.01	0.03	0.00
Republic of Korea, Busan					52	**0.4**	0.06	0.04	0.01
Republic of Korea, Daegu					17	**0.2**	0.05	0.02	0.01
Republic of Korea, Daejeon					13	**0.3**	0.08	0.03	0.01
Republic of Korea, Gwangju					14	**0.3**	0.08	0.02	0.01
Republic of Korea, Incheon					18	**0.2**	0.05	0.02	0.01
Republic of Korea, Jejudo					11	**0.8**	0.25	0.10	0.03
Republic of Korea, Seoul					130	**0.4**	0.03	0.04	0.00
Republic of Korea, Ulsan					13	**0.4**	0.11	0.03	0.01

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Uterus unspecified (C55) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Asia (contd)								
Kuwait				29	**1.1**	*0.23*	0.12	*0.03*
*Kuwait: Kuwaitis				18	**1.3**	*0.31*	0.15	*0.05*
*Kuwait: Non−Kuwaitis				11	**0.7**	*0.30*	0.05	*0.02*
*Malaysia, Penang				12	**0.5**	*0.14*	0.06	*0.02*
*Malaysia, Penang: Chinese				7	**0.5**	*0.18*	0.06	*0.03*
*Malaysia, Penang: Indian				3	**1.4**	*0.82*	0.10	*0.08*
*Malaysia, Penang: Malay				2	**0.2**	*0.17*	0.05	*0.04*
*Philippines, Manila				238	**2.2**	*0.15*	0.26	*0.02*
*Philippines, Rizal				239	**2.2**	*0.15*	0.25	*0.02*
Qatar: Qatari				4	**1.4**	*0.77*	0.17	*0.09*
*Saudi Arabia, Riyadh: Saudi				14	**0.3**	*0.09*	0.05	*0.01*
Singapore				10	**0.1**	*0.02*	0.01	*0.00*
Singapore: Chinese				7	**0.1**	*0.02*	0.00	*0.00*
Singapore: Indian				0	**-**	-	–	-
Singapore: Malay				3	**0.2**	*0.13*	0.03	*0.02*
Thailand, Bangkok				190	**1.1**	*0.08*	0.12	*0.01*
Thailand, Chiang Mai				5	**0.1**	*0.05*	0.01	*0.01*
Thailand, Chonburi				0	**-**	-	–	-
*Thailand, Khon Kaen				11	**0.2**	*0.07*	0.02	*0.01*
Thailand, Lampang				0	**-**	-	–	-
*Thailand, Songkhla				5	**0.2**	*0.08*	0.02	*0.01*
*Turkey, Antalya				29	**0.7**	*0.13*	0.06	*0.01*
*Turkey, Edirne				10	**1.0**	*0.32*	0.11	*0.04*
*Turkey, Izmir				32	**0.3**	*0.05*	0.03	*0.01*
*Turkey, Trabzon				11	**1.0**	*0.29*	0.09	*0.03*
Europe								
Austria				150	**0.2**	*0.02*	0.03	*0.00*
Austria, Tyrol				2	**0.0**	*0.02*	–	-
Austria, Vorarlberg				5	**0.2**	*0.10*	0.01	*0.01*
*Belarus				125	**0.3**	*0.03*	0.04	*0.00*
*Belgium				154	**0.4**	*0.03*	0.04	*0.00*
Bulgaria				256	**0.7**	*0.05*	0.07	*0.01*
Croatia				164	**0.6**	*0.05*	0.06	*0.01*
Cyprus				27	**0.8**	*0.16*	0.07	*0.02*
Czech Republic				251	**0.4**	*0.03*	0.05	*0.00*
Denmark				110	**0.4**	*0.05*	0.05	*0.01*
*Estonia				3	**0.0**	*0.02*	0.00	*0.00*
Finland				31	**0.1**	*0.02*	0.00	*0.00*
*France, Bas−Rhin				17	**0.4**	*0.10*	0.04	*0.01*
*France, Calvados				7	**0.1**	*0.04*	0.01	*0.01*
*France, Doubs				1	**0.0**	*0.01*	–	-
*France, Haut−Rhin				6	**0.2**	*0.08*	0.02	*0.01*
*France, Hérault				4	**0.1**	*0.04*	0.01	*0.01*
*France, Isère				12	**0.2**	*0.05*	0.02	*0.01*
*France, Loire−Atlantique				18	**0.2**	*0.06*	0.02	*0.01*
*France, Manche				4	**0.1**	*0.05*	0.01	*0.01*
*France, Somme				17	**0.6**	*0.15*	0.07	*0.02*
*France, Tarn				8	**0.2**	*0.09*	0.02	*0.01*
*France, Vendée				18	**0.6**	*0.15*	0.08	*0.02*
Germany, Brandenburg				68	**0.3**	*0.05*	0.03	*0.01*
Germany, Bremen				18	**0.2**	*0.05*	0.00	*0.00*
Germany, Free State of Saxony				111	**0.3**	*0.03*	0.02	*0.00*
Germany, Hamburg				147	**1.2**	*0.12*	0.13	*0.02*
Germany, Mecklenburg−Western Pomerania				65	**0.6**	*0.09*	0.06	*0.01*
Germany, Munich				80	**0.2**	*0.03*	0.02	*0.00*
Germany, North Rhine−Westphalia				87	**0.5**	*0.06*	0.05	*0.01*
Germany, Saarland				38	**0.5**	*0.10*	0.05	*0.01*
Germany, Schleswig−Holstein				123	**0.5**	*0.06*	0.05	*0.01*
Iceland				0	**-**	-	–	-
Ireland				103	**0.7**	*0.07*	0.09	*0.01*
Italy, Biella				1	**0.1**	*0.13*	0.02	*0.02*
Italy, Brescia				70	**1.5**	*0.21*	0.14	*0.02*
Italy, Catania and Messina				25	**0.3**	*0.07*	0.02	*0.01*
Italy, Catanzaro				10	**0.9**	*0.31*	0.09	*0.04*
Italy, Como				5	**0.1**	*0.03*	–	-
Italy, Ferrara				8	**0.2**	*0.08*	0.02	*0.01*
Italy, Florence and Prato				29	**0.4**	*0.10*	0.04	*0.01*
Italy, Friuli−Venezia Giulia				58	**0.7**	*0.12*	0.08	*0.01*
Italy, Genoa				18	**0.2**	*0.08*	0.02	*0.01*
Italy, Latina				16	**0.5**	*0.14*	0.06	*0.02*
Italy, Lecco				4	**0.3**	*0.16*	0.04	*0.02*
Italy, Lombardy, South				0	**-**	-	–	-
Italy, Mantua				0	**-**	-	–	-
Italy, Milan				26	**0.3**	*0.10*	0.03	*0.01*
Italy, Modena				7	**0.1**	*0.06*	0.01	*0.01*
Italy, Naples				13	**0.6**	*0.17*	0.07	*0.02*
Italy, Nuoro				13	**0.8**	*0.26*	0.08	*0.03*
Italy, Palermo				29	**0.5**	*0.10*	0.04	*0.01*
Italy, Parma				7	**0.2**	*0.08*	0.02	*0.01*
Italy, Ragusa				20	**0.7**	*0.18*	0.05	*0.02*
Italy, Reggio Emilia				14	**0.5**	*0.15*	0.05	*0.02*
Italy, Romagna				28	**0.2**	*0.05*	0.01	*0.01*
Italy, Salerno				97	**1.9**	*0.21*	0.21	*0.03*
Italy, Sassari				5	**0.2**	*0.08*	0.02	*0.01*
Italy, Sondrio				0	**-**	-	–	-
Italy, South Tyrol				13	**0.9**	*0.26*	0.09	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Uterus unspecified (C55) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Europe (contd)								
Italy, Syracuse				36	**1.6**	*0.30*	0.16	*0.04*
Italy, Trapani				2	**0.0**	*0.03*	–	-
Italy, Trento				4	**0.2**	*0.11*	0.02	*0.01*
Italy, Turin				12	**0.1**	*0.04*	0.01	*0.01*
Italy, Umbria				8	**0.1**	*0.06*	0.01	*0.01*
Italy, Varese				5	**0.0**	*0.02*	0.00	*0.00*
Italy, Veneto				223	**2.5**	*0.18*	0.28	*0.02*
Latvia				41	**0.3**	*0.05*	0.03	*0.01*
Lithuania				96	**0.6**	*0.06*	0.07	*0.01*
Malta				14	**0.6**	*0.18*	0.06	*0.03*
*The Netherlands				30	**0.0**	*0.01*	0.00	*0.00*
*The Netherlands, Eindhoven				2	**0.0**	*0.03*	0.01	*0.01*
Norway				40	**0.1**	*0.02*	0.01	*0.00*
Poland, Cracow				13	**0.4**	*0.11*	0.03	*0.01*
Poland, Kielce				22	**0.3**	*0.07*	0.04	*0.01*
Poland, Lower Silesia				31	**0.2**	*0.04*	0.02	*0.00*
Poland, Podkarpackie				10	**0.1**	*0.03*	0.01	*0.00*
Portugal, Azores				2	**0.3**	*0.20*	0.03	*0.02*
Russian Federation, Saint Petersburg				84	**0.3**	*0.04*	0.03	*0.00*
*Serbia, Central				187	**0.7**	*0.06*	0.08	*0.01*
Slovakia				31	**0.1**	*0.02*	0.01	*0.00*
Slovenia				51	**0.5**	*0.08*	0.06	*0.01*
Spain, Albacete				19	**0.9**	*0.26*	0.08	*0.03*
Spain, Asturias				52	**0.7**	*0.12*	0.07	*0.01*
Spain, Basque Country				62	**0.5**	*0.07*	0.05	*0.01*
Spain, Canary Islands				29	**0.5**	*0.11*	0.06	*0.01*
Spain, Ciudad Real				26	**1.5**	*0.33*	0.19	*0.04*
Spain, Cuenca				4	**0.4**	*0.22*	0.04	*0.03*
Spain, Girona				14	**0.4**	*0.11*	0.03	*0.01*
*Spain, Granada				1	**0.0**	*0.01*	–	-
Spain, La Rioja				9	**0.3**	*0.13*	0.02	*0.02*
Spain, Mallorca				12	**0.2**	*0.08*	0.01	*0.01*
Spain, Murcia				10	**0.1**	*0.04*	0.01	*0.01*
Spain, Navarra				16	**0.6**	*0.17*	0.06	*0.02*
Spain, Tarragona				16	**0.6**	*0.16*	0.07	*0.02*
*Sweden				571	**1.3**	*0.06*	0.16	*0.01*
Switzerland, Basel				8	**0.3**	*0.10*	0.03	*0.02*
Switzerland, Geneva				9	**0.4**	*0.14*	0.04	*0.02*
Switzerland, Graubünden and Glarus				3	**0.1**	*0.05*	–	-
Switzerland, Neuchâtel				2	**0.1**	*0.05*	–	-
Switzerland, St Gall–Appenzell				5	**0.1**	*0.03*	–	-
Switzerland, Ticino				56	**3.4**	*0.49*	0.37	*0.06*
Switzerland, Valais				7	**0.6**	*0.24*	0.05	*0.02*
Switzerland, Vaud				7	**0.2**	*0.08*	0.02	*0.01*
Switzerland, Zurich				22	**0.3**	*0.08*	0.02	*0.01*
Ukraine				436	**0.2**	*0.01*	0.02	*0.00*
UK, England				1431	**0.6**	*0.02*	0.06	*0.00*
UK, England, East of England Region				178	**0.6**	*0.05*	0.07	*0.01*
UK, England, North Western				182	**0.5**	*0.05*	0.06	*0.01*
UK, England, Northern and Yorkshire				219	**0.6**	*0.05*	0.08	*0.01*
UK, England, Oxford Region				105	**0.9**	*0.09*	0.10	*0.01*
UK, England, South and Western Regions				172	**0.4**	*0.04*	0.05	*0.00*
UK, England, Thames				227	**0.4**	*0.03*	0.04	*0.00*
UK, England, Trent				86	**0.6**	*0.07*	0.06	*0.01*
UK, England, West Midlands				193	**0.7**	*0.06*	0.08	*0.01*
UK, Northern Ireland				18	**0.2**	*0.05*	0.01	*0.01*
UK, Scotland				245	**1.0**	*0.07*	0.12	*0.01*
UK, Wales				97	**0.6**	*0.07*	0.06	*0.01*
Oceania								
Australian Capital Territory				3	**0.3**	*0.15*	0.05	*0.03*
Australia, New South Wales				218	**0.8**	*0.06*	0.08	*0.01*
Australia, Northern Territory				0	**-**	-	–	-
Australia, Northern Territory: Indigenous				0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous				0	**-**	-	–	-
Australia, Queensland				82	**0.5**	*0.06*	0.05	*0.01*
South Australia				0	**-**	-	–	-
Australia, Tasmania				27	**1.4**	*0.29*	0.16	*0.04*
Australia, Victoria				136	**0.6**	*0.05*	0.05	*0.01*
Western Australia				0	**-**	-	–	-
New Zealand				49	**0.2**	*0.04*	0.02	*0.00*
New Zealand: Maori				1	**0.1**	*0.07*	0.01	*0.01*
New Zealand: Pacific Islander				8	**1.8**	*0.65*	0.22	*0.09*
New Zealand: Other				40	**0.2**	*0.03*	0.01	*0.00*
USA, Hawaii				11	**0.2**	*0.05*	0.02	*0.01*
*USA, Hawaii: Chinese				0	**-**	-	–	-
*USA, Hawaii: Filipino				2	**0.3**	*0.19*	0.07	*0.05*
*USA, Hawaii: Hawaiian				4	**0.3**	*0.19*	0.03	*0.03*
*USA, Hawaii: Japanese				1	**0.0**	*0.02*	–	-
*USA, Hawaii: White				3	**0.2**	*0.12*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ovary (C56)

	Male			Female				
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Africa								
*Algeria, Sétif				34	**1.2**	*0.21*	–	-
Egypt, Gharbiah				424	**5.3**	*0.27*	0.59	*0.04*
*Libya, Benghazi				75	**4.7**	*0.59*	0.49	*0.08*
*Malawi, Blantyre				73	**4.3**	*0.63*	0.41	*0.08*
*South Africa, PROMEC				23	**1.0**	*0.21*	0.09	*0.02*
*Tunisia, North				277	**4.0**	*0.25*	0.44	*0.03*
*Uganda, Kyadondo County				126	**6.9**	*0.76*	0.77	*0.10*
*Zimbabwe, Harare: African				110	**10.9**	*1.24*	1.39	*0.20*
America, Central and South								
Argentina, Bahía Blanca				128	**13.0**	*1.26*	1.44	*0.15*
Argentina, Córdoba				351	**10.5**	*0.58*	1.18	*0.07*
Argentina, Mendoza				448	**9.4**	*0.46*	1.08	*0.06*
*Argentina, Tierra del Fuego				16	**8.0**	*2.14*	0.79	*0.25*
Brazil, Aracaju				76	**8.5**	*1.01*	0.93	*0.13*
Brazil, Belo Horizonte				276	**7.4**	*0.45*	0.87	*0.06*
Brazil, Cuiabá				72	**6.6**	*0.82*	0.80	*0.12*
Brazil, Fortaleza				343	**7.9**	*0.44*	0.89	*0.06*
Brazil, Goiânia				265	**9.6**	*0.61*	1.09	*0.08*
*Brazil, São Paulo				2553	**8.6**	*0.18*	0.97	*0.02*
Chile, Region of Antofagasta				65	**5.1**	*0.65*	0.60	*0.09*
Chile, Bío Bío Province				89	**8.6**	*0.93*	0.93	*0.12*
Chile, Valdivia				71	**6.6**	*0.79*	0.75	*0.10*
Colombia, Bucaramanga				168	**6.3**	*0.50*	0.69	*0.06*
Colombia, Cali				494	**8.7**	*0.40*	0.98	*0.05*
Colombia, Manizales				70	**6.1**	*0.73*	0.68	*0.09*
Colombia, Pasto				70	**7.1**	*0.86*	0.77	*0.11*
Costa Rica				546	**5.5**	*0.24*	0.61	*0.03*
Cuba, Villa Clara				115	**5.4**	*0.53*	0.58	*0.06*
Ecuador, Cuenca				55	**5.1**	*0.71*	0.59	*0.10*
Ecuador, Quito				280	**7.9**	*0.49*	0.85	*0.06*
*France, Martinique				79	**5.4**	*0.65*	0.59	*0.08*
*Jamaica, Kingston and St Andrew				68	**4.0**	*0.50*	0.40	*0.06*
USA, Puerto Rico				744	**5.0**	*0.19*	0.54	*0.02*
Uruguay				626	**8.4**	*0.36*	0.93	*0.04*
America, North								
Canada				11953	**9.0**	*0.09*	1.02	*0.01*
Canada, Alberta				890	**7.6**	*0.27*	0.86	*0.04*
Canada, British Columbia				1434	**8.0**	*0.23*	0.91	*0.03*
Canada, Manitoba				469	**9.6**	*0.49*	1.10	*0.06*
Canada, New Brunswick				314	**9.2**	*0.56*	1.01	*0.07*
Canada, Newfoundland and Labrador				116	**5.8**	*0.56*	0.71	*0.07*
*Canada, Northwest Territories				3	**2.4**	*1.42*	0.18	*0.11*
Canada, Nova Scotia				320	**7.3**	*0.44*	0.84	*0.06*
Canada, Ontario				4927	**10.0**	*0.15*	1.12	*0.02*
Canada, Prince Edward Island				42	**6.8**	*1.11*	0.82	*0.15*
*Canada, Quebec				3066	**9.0**	*0.18*	1.01	*0.02*
Canada, Saskatchewan				367	**8.5**	*0.50*	0.97	*0.06*
*Canada, Yukon				5	**4.8**	*2.29*	0.58	*0.32*
USA, NPCR (42 states)				95307	**9.2**	*0.03*	1.05	*0.00*
USA, NPCR (42 states): American Indian				442	**5.8**	*0.28*	0.68	*0.04*
USA, NPCR (42 states): Asian and Pacific Islander				2295	**6.0**	*0.13*	0.66	*0.02*
USA, NPCR (42 states): Black				7729	**6.9**	*0.08*	0.79	*0.01*
USA, NPCR (42 states): White				83672	**9.5**	*0.04*	1.09	*0.00*
USA, SEER (9 registries)				9946	**9.3**	*0.10*	1.06	*0.01*
*USA, SEER (9 registries): Black				794	**7.5**	*0.28*	0.85	*0.04*
*USA, SEER (9 registries): White				8233	**9.7**	*0.12*	1.11	*0.02*
USA, SEER (18 registries)				28321	**9.2**	*0.06*	1.05	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander				1877	**7.3**	*0.18*	0.79	*0.02*
*USA, SEER (18 registries): Black				2207	**7.1**	*0.16*	0.81	*0.02*
*USA, SEER (18 registries): Hispanic White				2892	**8.5**	*0.16*	0.96	*0.02*
*USA, SEER (18 registries): Non–Hispanic White				21058	**9.9**	*0.07*	1.13	*0.01*
*USA, SEER (18 registries): White				23950	**9.7**	*0.07*	1.10	*0.01*
USA, Alabama				1626	**8.5**	*0.23*	1.00	*0.03*
USA, Alabama: Black				290	**7.1**	*0.44*	0.85	*0.06*
USA, Alabama: White				1322	**9.0**	*0.27*	1.05	*0.03*
USA, Alaska				183	**9.3**	*0.71*	1.00	*0.09*
*USA, Alaska: American Indian				29	**10.7**	*2.05*	1.22	*0.27*
USA, Arizona				2022	**8.9**	*0.21*	1.04	*0.03*
USA, Arizona: American Indian				58	**7.4**	*0.99*	0.84	*0.14*
USA, Arizona: Asian and Pacific Islander				29	**6.1**	*1.16*	0.80	*0.18*
USA, Arizona: Black				37	**6.5**	*1.09*	0.67	*0.13*
USA, Arizona: White				1880	**9.0**	*0.23*	1.05	*0.03*
USA, Arkansas				940	**8.0**	*0.29*	0.91	*0.04*
USA, Arkansas: Black				78	**5.9**	*0.71*	0.70	*0.10*
USA, Arkansas: White				853	**8.4**	*0.32*	0.95	*0.04*
USA, California				11773	**9.3**	*0.09*	1.06	*0.01*
USA, California: American Indian				50	**3.9**	*0.57*	0.44	*0.08*
USA, California: Asian and Pacific Islander				1157	**7.0**	*0.21*	0.74	*0.03*
USA, California: Black				572	**7.2**	*0.31*	0.84	*0.04*
USA, California: White				9845	**9.8**	*0.11*	1.13	*0.01*
USA, California, Los Angeles County				3134	**9.4**	*0.18*	1.06	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander				402	**7.7**	*0.40*	0.81	*0.05*
*USA, California, Los Angeles County: Black				269	**7.6**	*0.48*	0.89	*0.06*
*USA, California, Los Angeles County: Chinese				106	**7.0**	*0.71*	0.68	*0.08*
*USA, California, Los Angeles County: Filipino				107	**9.1**	*0.90*	1.04	*0.11*
*USA, California, Los Angeles County: Hispanic White				855	**8.6**	*0.31*	0.96	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ovary (C56) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74		Cases	ASR (W)	CUM 0-74	
America, North (contd)								
*USA, California, Los Angeles County: Japanese					60	**10.7**	*1.55*	1.06	*0.17*
*USA, California, Los Angeles County: Korean					48	**6.1**	*0.90*	0.63	*0.11*
*USA, California, Los Angeles County: Non−Hispanic White					1600	**11.4**	*0.33*	1.29	*0.04*
*USA, California, Los Angeles County: White					2455	**10.2**	*0.22*	1.15	*0.03*
USA, California, San Francisco Bay Area					1563	**9.8**	*0.26*	1.12	*0.03*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander					321	**9.2**	*0.54*	1.00	*0.06*
*USA, California, San Francisco Bay Area: Black					113	**7.4**	*0.73*	0.86	*0.10*
*USA, California, San Francisco Bay Area: Hispanic White					165	**9.6**	*0.78*	1.11	*0.11*
*USA, California, San Francisco Bay Area: Non−Hispanic White					942	**10.2**	*0.37*	1.21	*0.05*
*USA, California, San Francisco Bay Area: White					1107	**10.1**	*0.33*	1.19	*0.04*
USA, Colorado					1592	**9.7**	*0.26*	1.12	*0.03*
USA, Colorado: Asian and Pacific Islander					23	**5.6**	*1.19*	0.71	*0.18*
USA, Colorado: Black					39	**7.8**	*1.29*	1.03	*0.19*
USA, Colorado: White					1508	**9.8**	*0.27*	1.13	*0.04*
USA, Connecticut					1446	**9.6**	*0.28*	1.12	*0.04*
*USA, Connecticut: Black					75	**6.8**	*0.81*	0.72	*0.10*
*USA, Connecticut: White					1339	**9.8**	*0.30*	1.15	*0.04*
USA, Delaware					341	**10.0**	*0.58*	1.21	*0.08*
USA, Delaware: Black					40	**7.5**	*1.22*	0.98	*0.18*
USA, Delaware: White					291	**10.4**	*0.66*	1.26	*0.09*
USA, Florida					7438	**9.3**	*0.12*	1.07	*0.02*
USA, Florida: Asian and Pacific Islander					60	**4.3**	*0.57*	0.50	*0.08*
USA, Florida: Black					588	**7.0**	*0.30*	0.79	*0.04*
USA, Florida: White					6695	**9.7**	*0.13*	1.11	*0.02*
USA, Georgia					2875	**9.0**	*0.18*	1.03	*0.02*
USA, Georgia: Asian and Pacific Islander					32	**4.5**	*0.83*	0.44	*0.09*
USA, Georgia: Black					594	**7.3**	*0.31*	0.82	*0.04*
USA, Georgia: White					2220	**9.5**	*0.21*	1.10	*0.03*
USA, Georgia, Atlanta					904	**8.8**	*0.31*	1.04	*0.04*
*USA, Georgia, Atlanta: Black					272	**8.1**	*0.52*	0.93	*0.07*
*USA, Georgia, Atlanta: White					602	**9.4**	*0.40*	1.11	*0.06*
USA, Idaho					474	**9.0**	*0.44*	1.04	*0.06*
USA, Illinois					4670	**9.4**	*0.15*	1.05	*0.02*
USA, Illinois: Asian and Pacific Islander					86	**5.3**	*0.58*	0.62	*0.08*
USA, Illinois: Black					452	**6.8**	*0.33*	0.75	*0.04*
USA, Illinois: White					4062	**9.9**	*0.17*	1.11	*0.02*
USA, Indiana					2202	**8.7**	*0.20*	0.97	*0.03*
USA, Indiana: Black					125	**6.9**	*0.64*	0.83	*0.09*
USA, Indiana: White					2059	**8.8**	*0.21*	0.98	*0.03*
USA, Iowa					1232	**9.6**	*0.31*	1.09	*0.04*
USA, Kentucky					1456	**8.6**	*0.24*	0.97	*0.03*
USA, Louisiana					1088	**7.9**	*0.26*	0.92	*0.03*
*USA, Louisiana: Black					250	**6.5**	*0.43*	0.74	*0.06*
*USA, Louisiana: White					827	**8.5**	*0.32*	1.00	*0.04*
*USA, Louisiana, New Orleans					227	**8.2**	*0.59*	0.94	*0.08*
*USA, Louisiana, New Orleans: Black					58	**6.3**	*0.85*	0.68	*0.11*
*USA, Louisiana, New Orleans: White					165	**9.4**	*0.84*	1.09	*0.11*
USA, Maine					509	**8.8**	*0.42*	1.03	*0.06*
USA, Massachusetts					2566	**9.5**	*0.20*	1.08	*0.03*
USA, Massachusetts: Asian and Pacific Islander					50	**6.1**	*0.90*	0.71	*0.12*
USA, Massachusetts: Black					62	**4.8**	*0.63*	0.61	*0.09*
USA, Massachusetts: White					2428	**9.7**	*0.22*	1.11	*0.03*
USA, Michigan					3801	**9.4**	*0.16*	1.06	*0.02*
USA, Michigan: Asian and Pacific Islander					34	**5.2**	*0.93*	0.56	*0.12*
USA, Michigan: Black					383	**8.0**	*0.43*	0.92	*0.06*
USA, Michigan: White					3340	**9.6**	*0.18*	1.08	*0.02*
USA, Michigan, Detroit					1525	**9.4**	*0.26*	1.05	*0.03*
*USA, Michigan, Detroit: Black					282	**7.7**	*0.48*	0.87	*0.07*
*USA, Michigan, Detroit: White					1211	**10.1**	*0.32*	1.12	*0.04*
USA, Mississippi					866	**7.6**	*0.28*	0.87	*0.04*
USA, Missouri					2003	**8.4**	*0.20*	0.98	*0.03*
USA, Missouri: Black					138	**6.3**	*0.56*	0.78	*0.08*
USA, Missouri: White					1834	**8.6**	*0.22*	1.00	*0.03*
USA, Montana					388	**9.5**	*0.53*	1.06	*0.07*
USA, Montana: American Indian					13	**8.5**	*2.40*	0.92	*0.31*
USA, Nebraska					582	**8.5**	*0.39*	0.98	*0.05*
USA, Nebraska: Black					11	**5.6**	*1.76*	0.49	*0.20*
USA, Nebraska: White					565	**8.6**	*0.40*	1.00	*0.05*
USA, New Hampshire					528	**10.1**	*0.47*	1.13	*0.06*
USA, New Jersey					3622	**10.2**	*0.18*	1.15	*0.02*
*USA, New Jersey: Black					328	**7.6**	*0.43*	0.85	*0.06*
*USA, New Jersey: White					3133	**10.8**	*0.21*	1.22	*0.03*
USA, New Mexico					645	**8.9**	*0.37*	1.02	*0.05*
*USA, New Mexico: Hispanic White					186	**7.8**	*0.59*	0.87	*0.08*
*USA, New Mexico: Non−Hispanic White					398	**9.8**	*0.54*	1.13	*0.07*
*USA, New Mexico: White					584	**9.1**	*0.40*	1.03	*0.05*
USA, New York State					7781	**9.9**	*0.12*	1.12	*0.02*
USA, New York State: Asian and Pacific Islander					243	**5.8**	*0.38*	0.62	*0.05*
USA, New York State: Black					836	**6.9**	*0.25*	0.78	*0.03*
USA, New York State: White					6563	**10.6**	*0.14*	1.20	*0.02*
USA, North Carolina					3016	**8.7**	*0.17*	1.01	*0.02*
USA, North Carolina: American Indian					13	**3.6**	*1.02*	0.34	*0.11*
USA, North Carolina: Asian and Pacific Islander					19	**4.2**	*0.98*	0.44	*0.12*
USA, North Carolina: Black					428	**6.7**	*0.34*	0.78	*0.05*
USA, North Carolina: White					2523	**9.3**	*0.20*	1.07	*0.03*
USA, North Dakota					250	**9.6**	*0.68*	1.06	*0.08*
USA, Ohio					4254	**8.9**	*0.15*	1.01	*0.02*
USA, Ohio: Asian and Pacific Islander					21	**4.7**	*1.06*	0.55	*0.14*
USA, Ohio: Black					309	**6.5**	*0.39*	0.74	*0.05*
USA, Ohio: White					3863	**9.2**	*0.16*	1.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ovary (C56) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
America, North (contd)								
USA, Oklahoma				1364	**9.4**	*0.28*	1.10	*0.04*
USA, Oklahoma: American Indian				109	**11.6**	*1.15*	1.32	*0.16*
USA, Oklahoma: Black				48	**5.8**	*0.88*	0.71	*0.13*
USA, Oklahoma: White				1192	**9.4**	*0.30*	1.12	*0.04*
USA, Oregon				1459	**9.7**	*0.28*	1.11	*0.04*
USA, Oregon: Asian and Pacific Islander				20	**4.8**	*1.12*	0.59	*0.16*
USA, Oregon: Black				9	**4.1**	*1.43*	0.40	*0.20*
USA, Oregon: White				1388	**9.7**	*0.29*	1.11	*0.04*
USA, Pennsylvania				5513	**10.0**	*0.15*	1.14	*0.02*
USA, Pennsylvania: Asian and Pacific Islander				48	**5.9**	*0.87*	0.63	*0.11*
USA, Pennsylvania: Black				344	**7.5**	*0.43*	0.85	*0.06*
USA, Pennsylvania: White				5068	**10.2**	*0.16*	1.16	*0.02*
USA, Rhode Island				419	**9.2**	*0.49*	1.04	*0.06*
USA, Rhode Island: Black				15	**9.1**	*2.42*	0.99	*0.31*
USA, Rhode Island: White				387	**9.0**	*0.50*	1.01	*0.07*
USA, South Carolina				1489	**8.5**	*0.24*	0.99	*0.03*
USA, South Carolina: Black				278	**6.3**	*0.40*	0.71	*0.05*
USA, South Carolina: White				1193	**9.2**	*0.29*	1.08	*0.04*
USA, South Dakota				267	**8.5**	*0.57*	1.00	*0.08*
USA, Tennessee				2039	**8.3**	*0.20*	0.96	*0.03*
USA, Tennessee: Black				210	**6.6**	*0.47*	0.76	*0.07*
USA, Tennessee: White				1803	**8.5**	*0.22*	0.98	*0.03*
USA, Texas				6870	**8.9**	*0.11*	1.01	*0.02*
USA, Texas: Asian and Pacific Islander				100	**4.5**	*0.46*	0.47	*0.06*
USA, Texas: Black				623	**7.7**	*0.32*	0.90	*0.05*
USA, Texas: White				6022	**9.1**	*0.12*	1.03	*0.02*
USA, Utah				604	**8.2**	*0.35*	0.91	*0.05*
USA, Vermont				225	**8.7**	*0.62*	0.96	*0.08*
USA, Virginia				2527	**8.6**	*0.18*	0.99	*0.02*
USA, Virginia: Asian and Pacific Islander				76	**6.8**	*0.80*	0.82	*0.12*
USA, Virginia: Black				328	**6.4**	*0.37*	0.73	*0.05*
USA, Virginia: White				2076	**8.9**	*0.21*	1.04	*0.03*
USA, Washington State				2351	**9.6**	*0.21*	1.08	*0.03*
USA, Washington, Seattle				1637	**9.8**	*0.26*	1.10	*0.03*
USA, West Virginia				786	**9.8**	*0.38*	1.09	*0.05*
USA, Wisconsin				2582	**11.8**	*0.25*	1.34	*0.03*
USA, Wisconsin: Black				81	**9.6**	*1.10*	1.02	*0.14*
USA, Wisconsin: White				2448	**12.0**	*0.26*	1.36	*0.03*
USA, Wyoming				191	**9.9**	*0.77*	1.14	*0.10*
Asia								
Bahrain: Bahraini				54	**6.8**	*0.97*	0.80	*0.13*
China, Beijing City				1963	**7.1**	*0.17*	0.79	*0.02*
*China, Cixian County				33	**2.3**	*0.42*	0.25	*0.05*
China, Haining County				73	**3.6**	*0.43*	0.39	*0.05*
*China, Harbin City, Nangang District				188	**6.1**	*0.45*	0.70	*0.06*
China, Hong Kong				1642	**6.5**	*0.17*	0.66	*0.02*
China, Jiashan County				45	**3.2**	*0.49*	0.36	*0.06*
China, Jiaxing City				63	**5.5**	*0.71*	0.60	*0.08*
China, Macao				60	**3.8**	*0.53*	0.43	*0.07*
China, Qidong County				112	**2.8**	*0.27*	0.30	*0.03*
*China, Shanghai City				1974	**7.6**	*0.19*	0.80	*0.02*
*China, Wuhan City				1024	**7.1**	*0.23*	0.76	*0.03*
*China, Yangcheng County				35	**3.5**	*0.67*	0.32	*0.06*
*China, Yanting County				43	**2.6**	*0.41*	0.27	*0.04*
*China, Zhongshan City				141	**4.7**	*0.41*	0.47	*0.05*
*India, Bangalore				571	**7.6**	*0.33*	0.88	*0.04*
*India; Barshi, Paranda, and Bhum				29	**2.7**	*0.53*	0.27	*0.05*
*India, Bhopal				184	**8.0**	*0.61*	0.89	*0.08*
*India, Chennai				659	**6.5**	*0.26*	0.75	*0.03*
*India, Dindigul, Ambilikkai				161	**3.2**	*0.26*	0.33	*0.03*
*India, Karunagappally				44	**3.7**	*0.57*	0.43	*0.07*
*India, Mizoram				57	**3.2**	*0.44*	0.30	*0.05*
*India, Mumbai				1742	**7.0**	*0.17*	0.76	*0.02*
*India, New Delhi				2122	**8.5**	*0.19*	0.95	*0.03*
*India, Poona				442	**5.7**	*0.28*	0.64	*0.04*
*India, Sikkim State				34	**3.9**	*0.71*	0.33	*0.07*
*India, Trivandrum				127	**6.8**	*0.61*	0.73	*0.07*
*Iran (Islamic Republic of), Golestan Province				118	**6.1**	*0.60*	0.68	*0.08*
Israel				1745	**8.4**	*0.21*	0.98	*0.03*
*Israel: Jews				1646	**8.8**	*0.23*	1.03	*0.03*
*Israel: Non–Jews				99	**4.9**	*0.51*	0.57	*0.07*
Japan, Aichi Prefecture				370	**7.3**	*0.42*	0.74	*0.04*
Japan, Fukui Prefecture				245	**6.7**	*0.49*	0.69	*0.05*
Japan, Hiroshima				395	**8.8**	*0.48*	0.90	*0.05*
Japan, Miyagi Prefecture				778	**7.8**	*0.31*	0.81	*0.03*
Japan, Nagasaki Prefecture				554	**7.8**	*0.40*	0.80	*0.04*
Japan, Niigata Prefecture				880	**8.4**	*0.33*	0.86	*0.03*
*Japan, Osaka Prefecture				2271	**6.0**	*0.14*	0.62	*0.01*
Japan, Saga Prefecture				243	**6.4**	*0.47*	0.65	*0.05*
Republic of Korea				8243	**5.4**	*0.06*	0.55	*0.01*
Republic of Korea, Busan				692	**5.7**	*0.22*	0.58	*0.03*
Republic of Korea, Daegu				445	**5.7**	*0.28*	0.57	*0.03*
Republic of Korea, Daejeon				216	**5.2**	*0.36*	0.56	*0.04*
Republic of Korea, Gwangju				190	**4.5**	*0.33*	0.44	*0.04*
Republic of Korea, Incheon				434	**5.7**	*0.28*	0.58	*0.03*
Republic of Korea, Jejudo				76	**5.3**	*0.64*	0.58	*0.07*
Republic of Korea, Seoul				1888	**6.0**	*0.14*	0.61	*0.02*
Republic of Korea, Ulsan				146	**5.1**	*0.44*	0.51	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ovary (C56) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Asia (contd)								
Kuwait				152	**5.1**	*0.48*	0.61	*0.07*
*Kuwait: Kuwaitis				71	**4.5**	*0.57*	0.50	*0.08*
*Kuwait: Non−Kuwaitis				81	**6.3**	*0.93*	0.85	*0.16*
*Malaysia, Penang				228	**8.2**	*0.55*	0.89	*0.07*
*Malaysia, Penang: Chinese				124	**8.1**	*0.73*	0.90	*0.09*
*Malaysia, Penang: Indian				34	**11.2**	*1.99*	1.18	*0.26*
*Malaysia, Penang: Malay				69	**6.6**	*0.82*	0.66	*0.09*
*Philippines, Manila				1440	**12.6**	*0.35*	1.35	*0.05*
*Philippines, Rizal				1336	**11.3**	*0.33*	1.27	*0.05*
Qatar: Qatari				21	**6.4**	*1.50*	0.67	*0.18*
*Saudi Arabia, Riyadh: Saudi				181	**3.3**	*0.27*	0.35	*0.03*
Singapore				1003	**9.0**	*0.29*	0.92	*0.03*
Singapore: Chinese				817	**9.1**	*0.33*	0.92	*0.04*
Singapore: Indian				58	**7.6**	*1.06*	0.80	*0.13*
Singapore: Malay				116	**9.1**	*0.88*	1.01	*0.11*
Thailand, Bangkok				1079	**5.7**	*0.18*	0.64	*0.02*
Thailand, Chiang Mai				252	**5.1**	*0.33*	0.49	*0.04*
Thailand, Chonburi				208	**6.4**	*0.46*	0.67	*0.06*
*Thailand, Khon Kaen				265	**5.3**	*0.33*	0.58	*0.04*
Thailand, Lampang				162	**6.5**	*0.54*	0.63	*0.05*
*Thailand, Songkhla				178	**6.2**	*0.47*	0.66	*0.06*
*Turkey, Antalya				296	**7.5**	*0.44*	0.80	*0.06*
*Turkey, Edirne				70	**6.9**	*0.84*	0.80	*0.10*
*Turkey, Izmir				630	**6.0**	*0.24*	0.67	*0.03*
*Turkey, Trabzon				69	**5.6**	*0.69*	0.61	*0.08*
Europe								
Austria				3791	**9.6**	*0.18*	1.08	*0.02*
Austria, Tyrol				301	**9.0**	*0.57*	1.01	*0.08*
Austria, Vorarlberg				134	**8.6**	*0.80*	0.97	*0.10*
*Belarus				4144	**10.4**	*0.17*	1.17	*0.02*
*Belgium				3700	**9.6**	*0.18*	1.12	*0.02*
Bulgaria				4172	**12.6**	*0.21*	1.42	*0.02*
Croatia				2358	**12.1**	*0.27*	1.32	*0.03*
Cyprus				179	**6.6**	*0.51*	0.77	*0.07*
Czech Republic				5722	**12.5**	*0.18*	1.44	*0.02*
Denmark				2746	**11.4**	*0.23*	1.36	*0.03*
*Estonia				760	**11.7**	*0.47*	1.34	*0.06*
Finland				2387	**9.6**	*0.22*	1.12	*0.03*
*France, Bas−Rhin				389	**8.8**	*0.49*	1.06	*0.06*
*France, Calvados				272	**9.2**	*0.62*	1.04	*0.08*
*France, Doubs				224	**10.7**	*0.77*	1.21	*0.10*
*France, Haut−Rhin				262	**8.5**	*0.58*	1.06	*0.08*
*France, Hérault				355	**7.7**	*0.46*	0.88	*0.06*
*France, Isère				423	**9.0**	*0.48*	1.07	*0.06*
*France, Loire−Atlantique				406	**7.6**	*0.42*	0.88	*0.05*
*France, Manche				240	**9.8**	*0.73*	1.16	*0.09*
*France, Somme				238	**10.1**	*0.73*	1.12	*0.09*
*France, Tarn				147	**8.2**	*0.78*	0.95	*0.09*
*France, Vendée				218	**7.6**	*0.60*	0.85	*0.07*
Germany, Brandenburg				1252	**9.0**	*0.28*	1.07	*0.04*
Germany, Bremen				378	**10.6**	*0.63*	1.21	*0.08*
Germany, Free State of Saxony				2217	**8.8**	*0.22*	1.04	*0.03*
Germany, Hamburg				970	**10.7**	*0.40*	1.22	*0.05*
Germany, Mecklenburg−Western Pomerania				770	**8.4**	*0.34*	0.98	*0.04*
Germany, Munich				2041	**10.1**	*0.25*	1.16	*0.03*
Germany, North Rhine−Westphalia				1392	**11.0**	*0.33*	1.25	*0.04*
Germany, Saarland				567	**10.1**	*0.49*	1.12	*0.06*
Germany, Schleswig−Holstein				1647	**10.5**	*0.30*	1.22	*0.04*
Iceland				76	**7.4**	*0.89*	0.80	*0.11*
Ireland				1710	**12.1**	*0.31*	1.41	*0.04*
Italy, Biella				94	**8.4**	*1.01*	0.99	*0.12*
Italy, Brescia				395	**10.4**	*0.59*	1.16	*0.07*
Italy, Catania and Messina				348	**7.9**	*0.46*	0.92	*0.06*
Italy, Catanzaro				79	**7.9**	*0.97*	0.87	*0.11*
Italy, Como				219	**8.5**	*0.66*	0.98	*0.08*
Italy, Ferrara				192	**8.9**	*0.77*	0.97	*0.09*
Italy, Florence and Prato				311	**7.9**	*0.55*	0.87	*0.06*
Italy, Friuli−Venezia Giulia				534	**8.8**	*0.45*	1.00	*0.05*
Italy, Genoa				411	**9.2**	*0.59*	1.04	*0.06*
Italy, Latina				179	**7.7**	*0.63*	0.86	*0.08*
Italy, Lecco				163	**10.6**	*0.93*	1.17	*0.11*
Italy, Lombardy, South				230	**10.0**	*0.78*	1.13	*0.09*
Italy, Mantua				115	**8.9**	*0.97*	0.92	*0.11*
Italy, Milan				541	**8.7**	*0.45*	1.01	*0.05*
Italy, Modena				318	**9.2**	*0.61*	0.99	*0.07*
Italy, Naples				131	**6.9**	*0.63*	0.76	*0.07*
Italy, Nuoro				90	**6.7**	*0.80*	0.80	*0.11*
Italy, Palermo				360	**8.8**	*0.51*	0.98	*0.06*
Italy, Parma				217	**9.3**	*0.80*	1.04	*0.09*
Italy, Ragusa				128	**9.8**	*0.95*	1.14	*0.11*
Italy, Reggio Emilia				215	**9.0**	*0.72*	1.03	*0.08*
Italy, Romagna				551	**8.6**	*0.43*	0.98	*0.05*
Italy, Salerno				438	**9.4**	*0.49*	1.04	*0.06*
Italy, Sassari				149	**6.6**	*0.61*	0.74	*0.07*
Italy, Sondrio				69	**8.0**	*1.08*	0.90	*0.13*
Italy, South Tyrol				160	**8.7**	*0.79*	0.95	*0.10*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ovary (C56) (contd)

	Male					Female			
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse						123	**7.0**	*0.70*	0.78	*0.08*
Italy, Trapani						131	**8.5**	*0.82*	0.97	*0.10*
Italy, Trento						150	**8.0**	*0.78*	0.82	*0.08*
Italy, Turin						500	**9.0**	*0.48*	1.01	*0.06*
Italy, Umbria						419	**9.1**	*0.54*	1.02	*0.06*
Italy, Varese						366	**8.5**	*0.51*	0.99	*0.06*
Italy, Veneto						788	**8.5**	*0.35*	0.96	*0.04*
Latvia						1187	**14.2**	*0.44*	1.59	*0.05*
Lithuania						2026	**13.3**	*0.32*	1.48	*0.04*
Malta						180	**10.9**	*0.86*	1.31	*0.11*
*The Netherlands						5636	**8.2**	*0.12*	0.96	*0.02*
*The Netherlands, Eindhoven						342	**8.1**	*0.47*	0.98	*0.06*
Norway						2211	**11.3**	*0.27*	1.29	*0.03*
Poland, Cracow						335	**12.3**	*0.73*	1.40	*0.09*
Poland, Kielce						524	**9.6**	*0.45*	1.09	*0.05*
Poland, Lower Silesia						1502	**12.2**	*0.34*	1.39	*0.04*
Poland, Podkarpackie						900	**11.2**	*0.40*	1.24	*0.05*
Portugal, Azores						71	**8.4**	*1.06*	0.96	*0.13*
Russian Federation, Saint Petersburg						2572	**11.4**	*0.24*	1.28	*0.03*
*Serbia, Central						2280	**10.1**	*0.23*	1.14	*0.03*
Slovakia						2397	**11.5**	*0.25*	1.29	*0.03*
Slovenia						900	**10.4**	*0.37*	1.20	*0.05*
Spain, Albacete						131	**8.3**	*0.80*	1.01	*0.10*
Spain, Asturias						443	**8.2**	*0.46*	0.91	*0.05*
Spain, Basque Country						776	**7.6**	*0.31*	0.84	*0.04*
Spain, Canary Islands						323	**6.7**	*0.40*	0.73	*0.05*
Spain, Ciudad Real						148	**8.6**	*0.80*	0.93	*0.09*
Spain, Cuenca						83	**10.0**	*1.26*	1.07	*0.14*
Spain, Girona						198	**7.1**	*0.56*	0.81	*0.07*
*Spain, Granada						310	**9.2**	*0.57*	1.04	*0.07*
Spain, La Rioja						103	**7.5**	*0.83*	0.86	*0.10*
Spain, Mallorca						251	**7.9**	*0.55*	0.90	*0.07*
Spain, Murcia						417	**8.6**	*0.46*	0.94	*0.05*
Spain, Navarra						204	**7.5**	*0.59*	0.86	*0.07*
Spain, Tarragona						226	**7.7**	*0.56*	0.86	*0.07*
*Sweden						3743	**9.3**	*0.17*	1.09	*0.02*
Switzerland, Basel						166	**7.0**	*0.62*	0.80	*0.08*
Switzerland, Geneva						192	**9.8**	*0.78*	1.21	*0.11*
Switzerland, Graubünden and Glarus						108	**9.8**	*1.08*	1.06	*0.13*
Switzerland, Neuchâtel						76	**8.5**	*1.10*	1.14	*0.16*
Switzerland, St Gall−Appenzell						215	**8.8**	*0.66*	1.11	*0.09*
Switzerland, Ticino						152	**9.2**	*0.86*	1.07	*0.10*
Switzerland, Valais						136	**10.7**	*1.00*	1.31	*0.13*
Switzerland, Vaud						265	**8.7**	*0.58*	1.07	*0.08*
Switzerland, Zurich						452	**7.4**	*0.38*	0.88	*0.05*
Ukraine						20881	**10.7**	*0.08*	1.19	*0.01*
UK, England						28125	**12.7**	*0.08*	1.46	*0.01*
UK, England, East of England Region						3130	**12.3**	*0.25*	1.43	*0.03*
UK, England, North Western						3755	**12.9**	*0.23*	1.48	*0.03*
UK, England, Northern and Yorkshire						3617	**12.1**	*0.22*	1.39	*0.03*
UK, England, Oxford Region						1512	**13.3**	*0.37*	1.55	*0.05*
UK, England, South and Western Regions						4656	**14.0**	*0.24*	1.60	*0.03*
UK, England, Thames						5256	**11.0**	*0.17*	1.27	*0.02*
UK, England, Trent						1786	**14.0**	*0.37*	1.57	*0.04*
UK, England, West Midlands						3193	**13.7**	*0.27*	1.56	*0.03*
UK, Northern Ireland						924	**13.6**	*0.48*	1.57	*0.06*
UK, Scotland						2878	**11.9**	*0.25*	1.37	*0.03*
UK, Wales						1739	**11.6**	*0.31*	1.41	*0.04*
Oceania										
Australian Capital Territory						92	**8.4**	*0.91*	0.98	*0.13*
Australia, New South Wales						2105	**7.8**	*0.18*	0.88	*0.02*
Australia, Northern Territory						28	**5.4**	*1.06*	0.51	*0.11*
Australia, Northern Territory: Indigenous						6	**5.2**	*2.26*	0.22	*0.12*
Australia, Northern Territory: Non−Indigenous						22	**5.5**	*1.23*	0.58	*0.14*
Australia, Queensland						1105	**7.4**	*0.24*	0.83	*0.03*
South Australia						460	**6.7**	*0.34*	0.76	*0.04*
Australia, Tasmania						141	**6.3**	*0.58*	0.76	*0.08*
Australia, Victoria						1689	**8.3**	*0.22*	0.94	*0.03*
Western Australia						620	**8.3**	*0.35*	0.94	*0.05*
New Zealand						1362	**8.6**	*0.25*	0.99	*0.03*
New Zealand: Maori						120	**9.8**	*0.93*	1.05	*0.12*
New Zealand: Pacific Islander						60	**11.6**	*1.54*	1.32	*0.21*
New Zealand: Other						1182	**8.3**	*0.26*	0.96	*0.03*
USA, Hawaii						390	**7.9**	*0.43*	0.87	*0.05*
*USA, Hawaii: Chinese						29	**9.8**	*1.98*	1.06	*0.24*
*USA, Hawaii: Filipino						56	**9.2**	*1.28*	1.03	*0.16*
*USA, Hawaii: Hawaiian						64	**8.3**	*1.08*	1.00	*0.15*
*USA, Hawaii: Japanese						103	**7.5**	*0.98*	0.76	*0.10*
*USA, Hawaii: White						112	**8.6**	*0.89*	1.00	*0.12*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other female genital organs (C57)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Africa								
*Algeria, Sétif				0	-	-	–	-
Egypt, Gharbiah				11	**0.1**	*0.04*	0.01	*0.01*
*Libya, Benghazi				0	-	-	–	-
*Malawi, Blantyre				0	-	-	–	-
*South Africa, PROMEC				1	**0.0**	*0.04*	0.00	*0.00*
*Tunisia, North				2	**0.0**	*0.03*	0.01	*0.00*
*Uganda, Kyadondo County				3	**0.1**	*0.06*	0.01	*0.00*
*Zimbabwe, Harare: African				1	**0.1**	*0.06*	0.00	*0.00*
America, Central and South								
Argentina, Bahía Blanca				8	**0.7**	*0.27*	0.07	*0.03*
Argentina, Córdoba				10	**0.3**	*0.11*	0.02	*0.01*
Argentina, Mendoza				16	**0.3**	*0.07*	0.04	*0.01*
*Argentina, Tierra del Fuego				1	**0.4**	*0.39*	0.02	*0.02*
Brazil, Aracaju				2	**0.2**	*0.17*	0.03	*0.03*
Brazil, Belo Horizonte				21	**0.6**	*0.13*	0.07	*0.02*
Brazil, Cuiabá				0	-	-	–	-
Brazil, Fortaleza				2	**0.0**	*0.03*	0.00	*0.00*
Brazil, Goiânia				2	**0.1**	*0.06*	0.01	*0.01*
*Brazil, São Paulo				94	**0.3**	*0.03*	0.04	*0.00*
Chile, Region of Antofagasta				5	**0.4**	*0.19*	0.06	*0.03*
Chile, Bío Bío Province				3	**0.3**	*0.17*	0.03	*0.02*
Chile, Valdivia				5	**0.5**	*0.21*	0.06	*0.03*
Colombia, Bucaramanga				0	-	-	–	-
Colombia, Cali				13	**0.2**	*0.06*	0.02	*0.01*
Colombia, Manizales				0	-	-	–	-
Colombia, Pasto				0	-	-	–	-
Costa Rica				23	**0.2**	*0.05*	0.03	*0.01*
Cuba, Villa Clara				3	**0.1**	*0.07*	0.01	*0.01*
Ecuador, Cuenca				1	**0.1**	*0.11*	0.02	*0.02*
Ecuador, Quito				2	**0.1**	*0.05*	0.01	*0.01*
*France, Martinique				4	**0.2**	*0.13*	0.02	*0.02*
*Jamaica, Kingston and St Andrew				3	**0.2**	*0.11*	0.04	*0.02*
USA, Puerto Rico				26	**0.2**	*0.04*	0.02	*0.00*
Uruguay				31	**0.4**	*0.08*	0.04	*0.01*
America, North								
Canada				947	**0.7**	*0.03*	0.08	*0.00*
Canada, Alberta				56	**0.4**	*0.06*	0.04	*0.01*
Canada, British Columbia				61	**0.3**	*0.05*	0.04	*0.01*
Canada, Manitoba				18	**0.4**	*0.11*	0.05	*0.01*
Canada, New Brunswick				9	**0.2**	*0.08*	0.03	*0.01*
Canada, Newfoundland and Labrador				9	**0.4**	*0.15*	0.05	*0.02*
*Canada, Northwest Territories				0	-	-	–	-
Canada, Nova Scotia				21	**0.5**	*0.12*	0.07	*0.02*
Canada, Ontario				578	**1.2**	*0.05*	0.14	*0.01*
Canada, Prince Edward Island				1	**0.2**	*0.16*	0.04	*0.04*
*Canada, Quebec				180	**0.5**	*0.04*	0.06	*0.01*
Canada, Saskatchewan				14	**0.3**	*0.10*	0.05	*0.01*
*Canada, Yukon				0	-	-	–	-
USA, NPCR (42 states)				4571	**0.4**	*0.01*	0.05	*0.00*
USA, NPCR (42 states): American Indian				24	**0.3**	*0.07*	0.03	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander				110	**0.3**	*0.03*	0.03	*0.00*
USA, NPCR (42 states): Black				403	**0.4**	*0.02*	0.04	*0.00*
USA, NPCR (42 states): White				3976	**0.4**	*0.01*	0.05	*0.00*
USA, SEER (9 registries)				511	**0.5**	*0.02*	0.06	*0.00*
*USA, SEER (9 registries): Black				43	**0.4**	*0.07*	0.05	*0.01*
*USA, SEER (9 registries): White				423	**0.5**	*0.03*	0.06	*0.00*
USA, SEER (18 registries)				1371	**0.4**	*0.01*	0.05	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander				86	**0.3**	*0.04*	0.04	*0.01*
*USA, SEER (18 registries): Black				110	**0.4**	*0.03*	0.04	*0.00*
*USA, SEER (18 registries): Hispanic White				122	**0.3**	*0.03*	0.04	*0.00*
*USA, SEER (18 registries): Non–Hispanic White				1038	**0.5**	*0.02*	0.06	*0.00*
*USA, SEER (18 registries): White				1160	**0.5**	*0.01*	0.05	*0.00*
USA, Alabama				66	**0.4**	*0.05*	0.04	*0.01*
USA, Alabama: Black				15	**0.3**	*0.09*	0.03	*0.01*
USA, Alabama: White				50	**0.4**	*0.05*	0.04	*0.01*
USA, Alaska				13	**0.7**	*0.20*	0.07	*0.03*
*USA, Alaska: American Indian				2	**1.0**	*0.69*	0.14	*0.10*
USA, Arizona				101	**0.5**	*0.05*	0.05	*0.01*
USA, Arizona: American Indian				3	**0.3**	*0.20*	0.02	*0.01*
USA, Arizona: Asian and Pacific Islander				3	**0.6**	*0.37*	0.09	*0.05*
USA, Arizona: Black				1	**0.2**	*0.17*	0.02	*0.02*
USA, Arizona: White				94	**0.5**	*0.05*	0.05	*0.01*
USA, Arkansas				42	**0.4**	*0.06*	0.05	*0.01*
USA, Arkansas: Black				5	**0.3**	*0.15*	0.03	*0.01*
USA, Arkansas: White				37	**0.4**	*0.07*	0.05	*0.01*
USA, California				586	**0.5**	*0.02*	0.05	*0.00*
USA, California: American Indian				0	-	-	–	-
USA, California: Asian and Pacific Islander				47	**0.3**	*0.04*	0.03	*0.01*
USA, California: Black				27	**0.3**	*0.06*	0.04	*0.01*
USA, California: White				499	**0.5**	*0.02*	0.06	*0.00*
USA, California, Los Angeles County				152	**0.4**	*0.04*	0.05	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander				15	**0.3**	*0.08*	0.03	*0.01*
*USA, California, Los Angeles County: Black				14	**0.4**	*0.10*	0.05	*0.01*
*USA, California, Los Angeles County: Chinese				4	**0.3**	*0.17*	0.04	*0.02*
*USA, California, Los Angeles County: Filipino				2	**0.1**	*0.09*	0.01	*0.01*
*USA, California, Los Angeles County: Hispanic White				34	**0.4**	*0.06*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other female genital organs (C57) (contd)

	Male			Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)	CUM 0-74	
America, North (contd)							
*USA, California, Los Angeles County: Japanese				2	**0.3**	*0.26*	0.04 *0.03*
*USA, California, Los Angeles County: Korean				2	**0.2**	*0.16*	0.01 *0.01*
*USA, California, Los Angeles County: Non–Hispanic White				88	**0.6**	*0.07*	0.06 *0.01*
*USA, California, Los Angeles County: White				122	**0.5**	*0.05*	0.05 *0.01*
USA, California, San Francisco Bay Area				75	**0.5**	*0.06*	0.06 *0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander				11	**0.3**	*0.10*	0.04 *0.01*
*USA, California, San Francisco Bay Area: Black				5	**0.3**	*0.14*	0.04 *0.02*
*USA, California, San Francisco Bay Area: Hispanic White				4	**0.2**	*0.11*	0.03 *0.02*
*USA, California, San Francisco Bay Area: Non–Hispanic White				55	**0.6**	*0.09*	0.08 *0.01*
*USA, California, San Francisco Bay Area: White				59	**0.6**	*0.08*	0.07 *0.01*
USA, Colorado				87	**0.5**	*0.06*	0.06 *0.01*
USA, Colorado: Asian and Pacific Islander				2	**0.4**	*0.29*	0.03 *0.03*
USA, Colorado: Black				4	**0.8**	*0.40*	0.09 *0.05*
USA, Colorado: White				80	**0.5**	*0.06*	0.06 *0.01*
USA, Connecticut				60	**0.4**	*0.06*	0.05 *0.01*
*USA, Connecticut: Black				5	**0.4**	*0.20*	0.04 *0.02*
*USA, Connecticut: White				55	**0.4**	*0.06*	0.05 *0.01*
USA, Delaware				5	**0.2**	*0.08*	0.02 *0.01*
USA, Delaware: Black				1	**0.2**	*0.24*	0.04 *0.04*
USA, Delaware: White				4	**0.2**	*0.08*	0.02 *0.01*
USA, Florida				338	**0.4**	*0.02*	0.05 *0.00*
USA, Florida: Asian and Pacific Islander				3	**0.2**	*0.12*	0.03 *0.02*
USA, Florida: Black				36	**0.4**	*0.07*	0.05 *0.01*
USA, Florida: White				293	**0.4**	*0.02*	0.05 *0.00*
USA, Georgia				130	**0.4**	*0.04*	0.05 *0.01*
USA, Georgia: Asian and Pacific Islander				2	**0.4**	*0.27*	0.05 *0.05*
USA, Georgia: Black				31	**0.4**	*0.08*	0.06 *0.01*
USA, Georgia: White				95	**0.4**	*0.04*	0.04 *0.01*
USA, Georgia, Atlanta				51	**0.5**	*0.07*	0.06 *0.01*
*USA, Georgia, Atlanta: Black				18	**0.6**	*0.15*	0.08 *0.02*
*USA, Georgia, Atlanta: White				30	**0.5**	*0.09*	0.05 *0.01*
USA, Idaho				21	**0.4**	*0.10*	0.06 *0.01*
USA, Illinois				216	**0.4**	*0.03*	0.06 *0.00*
USA, Illinois: Asian and Pacific Islander				5	**0.3**	*0.14*	0.03 *0.02*
USA, Illinois: Black				25	**0.4**	*0.08*	0.06 *0.01*
USA, Illinois: White				181	**0.4**	*0.03*	0.06 *0.01*
USA, Indiana				99	**0.4**	*0.04*	0.05 *0.01*
USA, Indiana: Black				9	**0.5**	*0.18*	0.06 *0.03*
USA, Indiana: White				90	**0.4**	*0.04*	0.05 *0.01*
USA, Iowa				73	**0.6**	*0.07*	0.08 *0.01*
USA, Kentucky				55	**0.3**	*0.04*	0.04 *0.01*
USA, Louisiana				46	**0.3**	*0.05*	0.05 *0.01*
*USA, Louisiana: Black				12	**0.4**	*0.10*	0.05 *0.01*
*USA, Louisiana: White				34	**0.3**	*0.06*	0.05 *0.01*
*USA, Louisiana, New Orleans				8	**0.3**	*0.11*	0.03 *0.01*
*USA, Louisiana, New Orleans: Black				2	**0.2**	*0.17*	0.03 *0.02*
*USA, Louisiana, New Orleans: White				6	**0.3**	*0.14*	0.03 *0.02*
USA, Maine				40	**0.6**	*0.11*	0.07 *0.01*
USA, Massachusetts				173	**0.7**	*0.05*	0.08 *0.01*
USA, Massachusetts: Asian and Pacific Islander				8	**1.1**	*0.41*	0.10 *0.05*
USA, Massachusetts: Black				5	**0.4**	*0.19*	0.06 *0.03*
USA, Massachusetts: White				158	**0.6**	*0.06*	0.09 *0.01*
USA, Michigan				164	**0.4**	*0.03*	0.05 *0.00*
USA, Michigan: Asian and Pacific Islander				1	**0.2**	*0.16*	0.02 *0.02*
USA, Michigan: Black				13	**0.3**	*0.08*	0.03 *0.01*
USA, Michigan: White				149	**0.4**	*0.04*	0.05 *0.00*
USA, Michigan, Detroit				60	**0.4**	*0.05*	0.05 *0.01*
*USA, Michigan, Detroit: Black				9	**0.3**	*0.10*	0.03 *0.01*
*USA, Michigan, Detroit: White				51	**0.4**	*0.07*	0.06 *0.01*
USA, Mississippi				40	**0.4**	*0.06*	0.05 *0.01*
USA, Missouri				97	**0.4**	*0.04*	0.05 *0.01*
USA, Missouri: Black				7	**0.3**	*0.12*	0.04 *0.02*
USA, Missouri: White				89	**0.4**	*0.05*	0.05 *0.01*
USA, Montana				13	**0.4**	*0.12*	0.05 *0.02*
USA, Montana: American Indian				1	**0.8**	*0.76*	0.05 *0.05*
USA, Nebraska				27	**0.4**	*0.08*	0.06 *0.01*
USA, Nebraska: Black				0	**-**	-	– -
USA, Nebraska: White				27	**0.4**	*0.09*	0.06 *0.01*
USA, New Hampshire				48	**0.9**	*0.14*	0.11 *0.02*
USA, New Jersey				166	**0.4**	*0.04*	0.05 *0.00*
*USA, New Jersey: Black				19	**0.4**	*0.09*	0.03 *0.01*
*USA, New Jersey: White				144	**0.4**	*0.04*	0.05 *0.01*
USA, New Mexico				33	**0.5**	*0.08*	0.05 *0.01*
*USA, New Mexico: Hispanic White				9	**0.3**	*0.11*	0.03 *0.02*
*USA, New Mexico: Non–Hispanic White				22	**0.6**	*0.12*	0.06 *0.02*
*USA, New Mexico: White				31	**0.5**	*0.09*	0.05 *0.01*
USA, New York State				418	**0.5**	*0.03*	0.06 *0.00*
USA, New York State: Asian and Pacific Islander				11	**0.2**	*0.07*	0.02 *0.01*
USA, New York State: Black				53	**0.4**	*0.06*	0.04 *0.01*
USA, New York State: White				351	**0.5**	*0.03*	0.06 *0.00*
USA, North Carolina				136	**0.4**	*0.03*	0.05 *0.01*
USA, North Carolina: American Indian				0	**-**	-	– -
USA, North Carolina: Asian and Pacific Islander				2	**0.4**	*0.32*	0.02 *0.02*
USA, North Carolina: Black				19	**0.3**	*0.07*	0.04 *0.01*
USA, North Carolina: White				114	**0.4**	*0.04*	0.05 *0.01*
USA, North Dakota				7	**0.2**	*0.10*	0.02 *0.01*
USA, Ohio				165	**0.3**	*0.03*	0.04 *0.00*
USA, Ohio: Asian and Pacific Islander				0	**-**	-	– -
USA, Ohio: Black				19	**0.4**	*0.10*	0.05 *0.01*
USA, Ohio: White				143	**0.3**	*0.03*	0.04 *0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other female genital organs (C57) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
America, North (contd)								
USA, Oklahoma				60	**0.4**	*0.06*	0.05	*0.01*
USA, Oklahoma: American Indian				7	**0.9**	*0.35*	0.09	*0.04*
USA, Oklahoma: Black				2	**0.2**	*0.17*	0.02	*0.02*
USA, Oklahoma: White				50	**0.4**	*0.06*	0.05	*0.01*
USA, Oregon				88	**0.6**	*0.06*	0.07	*0.01*
USA, Oregon: Asian and Pacific Islander				1	**0.2**	*0.22*	0.03	*0.03*
USA, Oregon: Black				0	**-**	-	–	-
USA, Oregon: White				84	**0.6**	*0.07*	0.07	*0.01*
USA, Pennsylvania				245	**0.4**	*0.03*	0.05	*0.00*
USA, Pennsylvania: Asian and Pacific Islander				0	**-**	-	–	-
USA, Pennsylvania: Black				17	**0.4**	*0.10*	0.05	*0.01*
USA, Pennsylvania: White				227	**0.4**	*0.03*	0.05	*0.00*
USA, Rhode Island				27	**0.6**	*0.13*	0.07	*0.02*
USA, Rhode Island: Black				0	**-**	-	–	-
USA, Rhode Island: White				26	**0.6**	*0.13*	0.07	*0.02*
USA, South Carolina				80	**0.5**	*0.05*	0.06	*0.01*
USA, South Carolina: Black				17	**0.3**	*0.09*	0.03	*0.01*
USA, South Carolina: White				63	**0.5**	*0.06*	0.07	*0.01*
USA, South Dakota				5	**0.1**	*0.07*	0.02	*0.01*
USA, Tennessee				79	**0.3**	*0.04*	0.04	*0.01*
USA, Tennessee: Black				12	**0.4**	*0.13*	0.06	*0.02*
USA, Tennessee: White				66	**0.3**	*0.04*	0.04	*0.01*
USA, Texas				305	**0.4**	*0.02*	0.05	*0.00*
USA, Texas: Asian and Pacific Islander				3	**0.1**	*0.07*	0.01	*0.01*
USA, Texas: Black				26	**0.3**	*0.07*	0.04	*0.01*
USA, Texas: White				269	**0.4**	*0.03*	0.05	*0.00*
USA, Utah				25	**0.4**	*0.08*	0.05	*0.01*
USA, Vermont				17	**0.6**	*0.16*	0.07	*0.02*
USA, Virginia				93	**0.3**	*0.03*	0.04	*0.00*
USA, Virginia: Asian and Pacific Islander				6	**0.6**	*0.24*	0.07	*0.04*
USA, Virginia: Black				7	**0.1**	*0.05*	0.01	*0.01*
USA, Virginia: White				76	**0.3**	*0.04*	0.04	*0.01*
USA, Washington State				157	**0.6**	*0.06*	0.08	*0.01*
USA, Washington, Seattle				108	**0.7**	*0.07*	0.08	*0.01*
USA, West Virginia				26	**0.4**	*0.07*	0.04	*0.01*
USA, Wisconsin				89	**0.4**	*0.04*	0.05	*0.01*
USA, Wisconsin: Black				2	**0.2**	*0.16*	0.03	*0.03*
USA, Wisconsin: White				83	**0.4**	*0.05*	0.05	*0.01*
USA, Wyoming				5	**0.2**	*0.10*	0.02	*0.01*
Asia								
Bahrain: Bahraini				1	**0.1**	*0.13*	–	-
China, Beijing City				101	**0.3**	*0.04*	0.04	*0.00*
*China, Cixian County				2	**0.2**	*0.13*	0.02	*0.02*
China, Haining County				3	**0.1**	*0.08*	0.02	*0.01*
*China, Harbin City, Nangang District				16	**0.5**	*0.13*	0.07	*0.02*
China, Hong Kong				46	**0.2**	*0.03*	0.02	*0.00*
China, Jiashan County				2	**0.1**	*0.08*	0.02	*0.01*
China, Jiaxing City				5	**0.5**	*0.22*	0.05	*0.03*
China, Macao				14	**0.9**	*0.26*	0.12	*0.04*
China, Qidong County				2	**0.0**	*0.03*	0.00	*0.00*
*China, Shanghai City				108	**0.4**	*0.04*	0.05	*0.01*
*China, Wuhan City				37	**0.3**	*0.04*	0.03	*0.01*
*China, Yangcheng County				0	**-**	-	–	-
*China, Yanting County				3	**0.2**	*0.10*	0.01	*0.01*
*China, Zhongshan City				7	**0.3**	*0.10*	0.03	*0.01*
*India, Bangalore				3	**0.0**	*0.02*	0.01	*0.00*
*India; Barshi, Paranda, and Bhum				0	**-**	-	–	-
*India, Bhopal				0	**-**	-	–	-
*India, Chennai				5	**0.0**	*0.02*	0.00	*0.00*
*India, Dindigul, Ambilikkai				1	**0.0**	*0.02*	0.00	*0.00*
*India, Karunagappally				1	**0.1**	*0.08*	0.02	*0.02*
*India, Mizoram				2	**0.1**	*0.06*	0.01	*0.01*
*India, Mumbai				10	**0.0**	*0.01*	0.01	*0.00*
*India, New Delhi				13	**0.1**	*0.02*	0.01	*0.00*
*India, Poona				3	**0.0**	*0.02*	0.00	*0.00*
*India, Sikkim State				0	**-**	-	–	-
*India, Trivandrum				0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province				1	**0.1**	*0.06*	0.01	*0.01*
Israel				102	**0.5**	*0.05*	0.06	*0.01*
*Israel: Jews				98	**0.5**	*0.06*	0.06	*0.01*
*Israel: Non–Jews				4	**0.2**	*0.08*	0.01	*0.00*
Japan, Aichi Prefecture				2	**0.0**	*0.02*	0.00	*0.00*
Japan, Fukui Prefecture				12	**0.3**	*0.10*	0.04	*0.01*
Japan, Hiroshima				13	**0.2**	*0.06*	0.02	*0.01*
Japan, Miyagi Prefecture				18	**0.2**	*0.05*	0.02	*0.01*
Japan, Nagasaki Prefecture				22	**0.3**	*0.06*	0.03	*0.01*
Japan, Niigata Prefecture				31	**0.2**	*0.05*	0.03	*0.01*
*Japan, Osaka Prefecture				48	**0.1**	*0.02*	0.01	*0.00*
Japan, Saga Prefecture				11	**0.2**	*0.08*	0.04	*0.01*
Republic of Korea				262	**0.2**	*0.01*	0.02	*0.00*
Republic of Korea, Busan				32	**0.2**	*0.04*	0.03	*0.01*
Republic of Korea, Daegu				18	**0.2**	*0.06*	0.02	*0.01*
Republic of Korea, Daejeon				7	**0.2**	*0.07*	0.02	*0.01*
Republic of Korea, Gwangju				6	**0.2**	*0.07*	0.02	*0.01*
Republic of Korea, Incheon				8	**0.1**	*0.04*	0.01	*0.00*
Republic of Korea, Jejudo				1	**0.1**	*0.06*	0.01	*0.01*
Republic of Korea, Seoul				55	**0.2**	*0.02*	0.02	*0.00*
Republic of Korea, Ulsan				2	**0.1**	*0.05*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other female genital organs (C57) (contd)

	Male			Female				
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Asia (contd)								
Kuwait				4	**0.2**	*0.08*	0.02	*0.01*
*Kuwait: Kuwaitis				0	**-**	-	–	-
*Kuwait: Non–Kuwaitis				4	**0.4**	*0.24*	0.06	*0.04*
*Malaysia, Penang				3	**0.1**	*0.07*	0.02	*0.01*
*Malaysia, Penang: Chinese				1	**0.1**	*0.08*	0.01	*0.01*
*Malaysia, Penang: Indian				0	**-**	-	–	-
*Malaysia, Penang: Malay				2	**0.2**	*0.17*	0.05	*0.04*
*Philippines, Manila				15	**0.2**	*0.04*	0.02	*0.01*
*Philippines, Rizal				17	**0.2**	*0.04*	0.02	*0.01*
Qatar: Qatari				1	**0.3**	*0.26*	0.02	*0.02*
*Saudi Arabia, Riyadh: Saudi				11	**0.2**	*0.07*	0.03	*0.01*
Singapore				27	**0.2**	*0.05*	0.03	*0.01*
Singapore: Chinese				20	**0.2**	*0.05*	0.03	*0.01*
Singapore: Indian				2	**0.2**	*0.17*	0.03	*0.02*
Singapore: Malay				3	**0.2**	*0.12*	0.03	*0.02*
Thailand, Bangkok				21	**0.1**	*0.03*	0.01	*0.00*
Thailand, Chiang Mai				7	**0.1**	*0.05*	0.01	*0.01*
Thailand, Chonburi				2	**0.1**	*0.04*	0.01	*0.00*
*Thailand, Khon Kaen				3	**0.1**	*0.03*	0.00	*0.00*
Thailand, Lampang				2	**0.1**	*0.06*	0.01	*0.01*
*Thailand, Songkhla				4	**0.1**	*0.08*	0.02	*0.01*
*Turkey, Antalya				18	**0.5**	*0.12*	0.05	*0.01*
*Turkey, Edirne				0	**-**	-	–	-
*Turkey, Izmir				28	**0.3**	*0.05*	0.03	*0.01*
*Turkey, Trabzon				4	**0.4**	*0.20*	0.04	*0.02*
Europe								
Austria				292	**0.7**	*0.05*	0.09	*0.01*
Austria, Tyrol				21	**0.6**	*0.15*	0.08	*0.02*
Austria, Vorarlberg				4	**0.3**	*0.16*	0.04	*0.02*
*Belarus				93	**0.2**	*0.03*	0.03	*0.00*
*Belgium				122	**0.3**	*0.03*	0.03	*0.00*
Bulgaria				82	**0.2**	*0.03*	0.03	*0.00*
Croatia				87	**0.4**	*0.05*	0.05	*0.01*
Cyprus				7	**0.3**	*0.11*	0.03	*0.01*
Czech Republic				376	**0.7**	*0.04*	0.07	*0.00*
Denmark				161	**0.6**	*0.05*	0.07	*0.01*
*Estonia				39	**0.7**	*0.12*	0.07	*0.01*
Finland				293	**1.0**	*0.07*	0.13	*0.01*
*France, Bas–Rhin				23	**0.5**	*0.11*	0.07	*0.02*
*France, Calvados				17	**0.5**	*0.15*	0.06	*0.02*
*France, Doubs				5	**0.3**	*0.12*	0.03	*0.02*
*France, Haut–Rhin				12	**0.3**	*0.11*	0.04	*0.01*
*France, Hérault				4	**0.1**	*0.06*	0.01	*0.01*
*France, Isère				21	**0.4**	*0.10*	0.05	*0.01*
*France, Loire–Atlantique				28	**0.5**	*0.10*	0.05	*0.01*
*France, Manche				21	**0.6**	*0.15*	0.07	*0.02*
*France, Somme				22	**0.7**	*0.17*	0.06	*0.02*
*France, Tarn				5	**0.3**	*0.13*	0.04	*0.02*
*France, Vendée				7	**0.2**	*0.08*	0.02	*0.01*
Germany, Brandenburg				98	**0.6**	*0.07*	0.08	*0.01*
Germany, Bremen				29	**0.7**	*0.15*	0.08	*0.02*
Germany, Free State of Saxony				169	**0.5**	*0.05*	0.06	*0.01*
Germany, Hamburg				72	**0.7**	*0.09*	0.08	*0.01*
Germany, Mecklenburg–Western Pomerania				51	**0.5**	*0.08*	0.06	*0.01*
Germany, Munich				142	**0.6**	*0.06*	0.07	*0.01*
Germany, North Rhine–Westphalia				54	**0.4**	*0.06*	0.05	*0.01*
Germany, Saarland				42	**0.6**	*0.11*	0.07	*0.01*
Germany, Schleswig–Holstein				111	**0.6**	*0.06*	0.07	*0.01*
Iceland				4	**0.4**	*0.23*	0.07	*0.04*
Ireland				31	**0.2**	*0.04*	0.03	*0.01*
Italy, Biella				12	**0.8**	*0.27*	0.09	*0.04*
Italy, Brescia				42	**0.7**	*0.13*	0.07	*0.02*
Italy, Catania and Messina				29	**0.5**	*0.10*	0.06	*0.01*
Italy, Catanzaro				6	**0.3**	*0.11*	0.03	*0.02*
Italy, Como				12	**0.3**	*0.09*	0.02	*0.01*
Italy, Ferrara				21	**0.8**	*0.21*	0.09	*0.03*
Italy, Florence and Prato				19	**0.4**	*0.12*	0.06	*0.02*
Italy, Friuli–Venezia Giulia				119	**1.2**	*0.13*	0.13	*0.02*
Italy, Genoa				39	**0.8**	*0.16*	0.10	*0.02*
Italy, Latina				16	**0.5**	*0.15*	0.07	*0.02*
Italy, Lecco				12	**0.6**	*0.21*	0.07	*0.03*
Italy, Lombardy, South				13	**0.4**	*0.12*	0.04	*0.02*
Italy, Mantua				2	**0.1**	*0.10*	0.03	*0.02*
Italy, Milan				19	**0.3**	*0.13*	0.03	*0.01*
Italy, Modena				25	**0.6**	*0.15*	0.06	*0.02*
Italy, Naples				3	**0.2**	*0.09*	0.02	*0.01*
Italy, Nuoro				5	**0.5**	*0.23*	0.05	*0.03*
Italy, Palermo				21	**0.5**	*0.12*	0.06	*0.02*
Italy, Parma				1	**0.0**	*0.01*	–	-
Italy, Ragusa				7	**0.5**	*0.21*	0.04	*0.02*
Italy, Reggio Emilia				13	**0.3**	*0.10*	0.03	*0.01*
Italy, Romagna				36	**0.4**	*0.08*	0.04	*0.01*
Italy, Salerno				7	**0.1**	*0.06*	0.02	*0.01*
Italy, Sassari				4	**0.2**	*0.09*	0.02	*0.01*
Italy, Sondrio				2	**0.1**	*0.06*	–	-
Italy, South Tyrol				3	**0.2**	*0.10*	0.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other female genital organs (C57) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Europe (contd)								
Italy, Syracuse				10	**0.4**	*0.15*	0.05	*0.02*
Italy, Trapani				5	**0.2**	*0.12*	0.02	*0.01*
Italy, Trento				54	**2.8**	*0.44*	0.30	*0.05*
Italy, Turin				30	**0.6**	*0.13*	0.07	*0.01*
Italy, Umbria				10	**0.3**	*0.14*	0.02	*0.01*
Italy, Varese				31	**0.7**	*0.14*	0.08	*0.02*
Italy, Veneto				96	**1.1**	*0.13*	0.12	*0.01*
Latvia				36	**0.4**	*0.07*	0.05	*0.01*
Lithuania				44	**0.2**	*0.04*	0.03	*0.01*
Malta				10	**0.6**	*0.19*	0.05	*0.02*
*The Netherlands				238	**0.3**	*0.02*	0.04	*0.00*
*The Netherlands, Eindhoven				17	**0.4**	*0.10*	0.04	*0.01*
Norway				145	**0.7**	*0.06*	0.08	*0.01*
Poland, Cracow				14	**0.5**	*0.15*	0.05	*0.02*
Poland, Kielce				16	**0.2**	*0.06*	0.02	*0.01*
Poland, Lower Silesia				61	**0.4**	*0.06*	0.04	*0.01*
Poland, Podkarpackie				44	**0.4**	*0.07*	0.04	*0.01*
Portugal, Azores				1	**0.2**	*0.15*	0.02	*0.02*
Russian Federation, Saint Petersburg				44	**0.2**	*0.04*	0.03	*0.00*
*Serbia, Central				135	**0.6**	*0.05*	0.06	*0.01*
Slovakia				95	**0.4**	*0.04*	0.04	*0.01*
Slovenia				53	**0.6**	*0.09*	0.07	*0.01*
Spain, Albacete				6	**0.2**	*0.10*	0.02	*0.02*
Spain, Asturias				17	**0.2**	*0.06*	0.02	*0.01*
Spain, Basque Country				59	**0.4**	*0.06*	0.05	*0.01*
Spain, Canary Islands				26	**0.5**	*0.10*	0.05	*0.01*
Spain, Ciudad Real				7	**0.4**	*0.16*	0.04	*0.02*
Spain, Cuenca				3	**0.4**	*0.26*	0.05	*0.03*
Spain, Girona				13	**0.3**	*0.11*	0.03	*0.01*
*Spain, Granada				3	**0.1**	*0.07*	0.01	*0.01*
Spain, La Rioja				4	**0.2**	*0.10*	0.01	*0.01*
Spain, Mallorca				14	**0.3**	*0.10*	0.04	*0.02*
Spain, Murcia				14	**0.3**	*0.08*	0.03	*0.01*
Spain, Navarra				13	**0.5**	*0.16*	0.05	*0.02*
Spain, Tarragona				9	**0.2**	*0.09*	0.03	*0.01*
*Sweden				279	**0.6**	*0.04*	0.08	*0.01*
Switzerland, Basel				12	**0.4**	*0.13*	0.05	*0.02*
Switzerland, Geneva				15	**0.6**	*0.17*	0.05	*0.02*
Switzerland, Graubünden and Glarus				6	**0.5**	*0.23*	0.06	*0.03*
Switzerland, Neuchâtel				7	**0.7**	*0.32*	0.06	*0.03*
Switzerland, St Gall−Appenzell				21	**0.8**	*0.20*	0.12	*0.03*
Switzerland, Ticino				9	**0.4**	*0.16*	0.03	*0.02*
Switzerland, Valais				6	**0.5**	*0.25*	0.04	*0.02*
Switzerland, Vaud				13	**0.4**	*0.11*	0.04	*0.02*
Switzerland, Zurich				39	**0.6**	*0.10*	0.07	*0.01*
Ukraine				442	**0.2**	*0.01*	0.03	*0.00*
UK, England				748	**0.3**	*0.01*	0.04	*0.00*
UK, England, East of England Region				58	**0.2**	*0.03*	0.03	*0.00*
UK, England, North Western				116	**0.4**	*0.04*	0.05	*0.01*
UK, England, Northern and Yorkshire				66	**0.2**	*0.03*	0.02	*0.00*
UK, England, Oxford Region				23	**0.2**	*0.04*	0.03	*0.01*
UK, England, South and Western Regions				149	**0.4**	*0.03*	0.04	*0.00*
UK, England, Thames				144	**0.3**	*0.03*	0.04	*0.00*
UK, England, Trent				54	**0.4**	*0.06*	0.05	*0.01*
UK, England, West Midlands				110	**0.5**	*0.05*	0.06	*0.01*
UK, Northern Ireland				20	**0.3**	*0.08*	0.04	*0.01*
UK, Scotland				66	**0.2**	*0.03*	0.03	*0.00*
UK, Wales				44	**0.3**	*0.06*	0.04	*0.01*
Oceania								
Australian Capital Territory				7	**0.6**	*0.24*	0.05	*0.03*
Australia, New South Wales				119	**0.5**	*0.04*	0.05	*0.01*
Australia, Northern Territory				1	**0.2**	*0.16*	0.02	*0.02*
Australia, Northern Territory: Indigenous				0	**-**	-	–	-
Australia, Northern Territory: Non−Indigenous				1	**0.2**	*0.20*	0.02	*0.02*
Australia, Queensland				72	**0.5**	*0.06*	0.06	*0.01*
South Australia				26	**0.4**	*0.08*	0.05	*0.01*
Australia, Tasmania				13	**0.7**	*0.20*	0.08	*0.02*
Australia, Victoria				90	**0.4**	*0.05*	0.05	*0.01*
Western Australia				27	**0.4**	*0.07*	0.05	*0.01*
New Zealand				95	**0.6**	*0.07*	0.08	*0.01*
New Zealand: Maori				5	**0.4**	*0.19*	0.04	*0.02*
New Zealand: Pacific Islander				6	**1.3**	*0.53*	0.14	*0.07*
New Zealand: Other				84	**0.6**	*0.07*	0.08	*0.01*
USA, Hawaii				26	**0.5**	*0.11*	0.05	*0.01*
*USA, Hawaii: Chinese				2	**0.5**	*0.43*	0.04	*0.04*
*USA, Hawaii: Filipino				2	**0.4**	*0.31*	0.05	*0.03*
*USA, Hawaii: Hawaiian				7	**0.8**	*0.32*	0.09	*0.04*
*USA, Hawaii: Japanese				4	**0.2**	*0.10*	0.01	*0.01*
*USA, Hawaii: White				8	**0.7**	*0.25*	0.09	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Placenta (C58)

	Male			Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)	CUM 0-74	
Africa							
*Algeria, Sétif				1	**0.0**	*0.03*	–	-
Egypt, Gharbiah				6	**0.1**	*0.02*	0.00	*0.00*
*Libya, Benghazi				0	**-**	-	–	-
*Malawi, Blantyre				3	**0.1**	*0.07*	0.01	*0.01*
*South Africa, PROMEC				7	**0.3**	*0.12*	0.02	*0.01*
*Tunisia, North				7	**0.1**	*0.03*	0.01	*0.00*
*Uganda, Kyadondo County				41	**1.0**	*0.22*	0.08	*0.02*
*Zimbabwe, Harare: African				29	**0.9**	*0.21*	0.07	*0.02*
America, Central and South								
Argentina, Bahía Blanca				0	**-**	-	–	-
Argentina, Córdoba				17	**0.6**	*0.14*	0.04	*0.01*
Argentina, Mendoza				10	**0.2**	*0.07*	0.02	*0.01*
*Argentina, Tierra del Fuego				0	**-**	-	–	-
Brazil, Aracaju				1	**0.1**	*0.08*	0.00	*0.00*
Brazil, Belo Horizonte				6	**0.1**	*0.06*	0.01	*0.00*
Brazil, Cuiabá				0	**-**	-	–	-
Brazil, Fortaleza				2	**0.0**	*0.03*	0.00	*0.00*
Brazil, Goiânia				0	**-**	-	–	-
*Brazil, São Paulo				19	**0.1**	*0.02*	0.00	*0.00*
Chile, Region of Antofagasta				0	**-**	-	–	-
Chile, Bío Bío Province				0	**-**	-	–	-
Chile, Valdivia				0	**-**	-	–	-
Colombia, Bucaramanga				6	**0.2**	*0.08*	0.02	*0.01*
Colombia, Cali				13	**0.2**	*0.06*	0.02	*0.01*
Colombia, Manizales				1	**0.1**	*0.09*	0.01	*0.01*
Colombia, Pasto				4	**0.3**	*0.17*	0.02	*0.01*
Costa Rica				5	**0.0**	*0.02*	0.00	*0.00*
Cuba, Villa Clara				0	**-**	-	–	-
Ecuador, Cuenca				1	**0.1**	*0.06*	0.00	*0.00*
Ecuador, Quito				7	**0.2**	*0.06*	0.01	*0.00*
*France, Martinique				2	**0.2**	*0.17*	0.02	*0.01*
*Jamaica, Kingston and St Andrew				5	**0.3**	*0.12*	0.02	*0.01*
USA, Puerto Rico				4	**0.0**	*0.02*	0.00	*0.00*
Uruguay				11	**0.2**	*0.07*	0.02	*0.00*
America, North								
Canada				46	**0.1**	*0.01*	0.00	*0.00*
Canada, Alberta				6	**0.1**	*0.03*	0.00	*0.00*
Canada, British Columbia				2	**0.0**	*0.01*	0.00	*0.00*
Canada, Manitoba				4	**0.2**	*0.08*	0.01	*0.01*
Canada, New Brunswick				1	**0.1**	*0.07*	0.00	*0.00*
Canada, Newfoundland and Labrador				1	**0.1**	*0.06*	0.00	*0.01*
*Canada, Northwest Territories				1	**0.9**	*0.89*	0.06	*0.06*
Canada, Nova Scotia				1	**0.1**	*0.06*	0.00	*0.00*
Canada, Ontario				15	**0.0**	*0.01*	0.00	*0.00*
Canada, Prince Edward Island				0	**-**	-	–	-
*Canada, Quebec				14	**0.1**	*0.02*	0.01	*0.00*
Canada, Saskatchewan				1	**0.0**	*0.03*	0.00	*0.00*
*Canada, Yukon				0	**-**	-	–	-
USA, NPCR (42 states)				573	**0.1**	*0.00*	0.01	*0.00*
USA, NPCR (42 states): American Indian				8	**0.1**	*0.04*	0.01	*0.00*
USA, NPCR (42 states): Asian and Pacific Islander				40	**0.1**	*0.02*	0.01	*0.00*
USA, NPCR (42 states): Black				127	**0.1**	*0.01*	0.01	*0.00*
USA, NPCR (42 states): White				379	**0.1**	*0.00*	0.01	*0.00*
USA, SEER (9 registries)				67	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (9 registries): Black				9	**0.1**	*0.03*	0.01	*0.00*
*USA, SEER (9 registries): White				43	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (18 registries)				208	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander				29	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Black				37	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Hispanic White				64	**0.2**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Non–Hispanic White				72	**0.1**	*0.01*	0.00	*0.00*
*USA, SEER (18 registries): White				136	**0.1**	*0.01*	0.01	*0.00*
USA, Alabama				12	**0.1**	*0.03*	0.01	*0.00*
USA, Alabama: Black				6	**0.2**	*0.07*	0.01	*0.01*
USA, Alabama: White				5	**0.1**	*0.03*	0.00	*0.00*
USA, Alaska				0	**-**	-	–	-
*USA, Alaska: American Indian				0	**-**	-	–	-
USA, Arizona				6	**0.0**	*0.02*	0.00	*0.00*
USA, Arizona: American Indian				2	**0.3**	*0.19*	0.02	*0.02*
USA, Arizona: Asian and Pacific Islander				0	**-**	-	–	-
USA, Arizona: Black				1	**0.2**	*0.17*	0.01	*0.01*
USA, Arizona: White				3	**0.0**	*0.01*	0.00	*0.00*
USA, Arkansas				3	**0.1**	*0.03*	0.00	*0.00*
USA, Arkansas: Black				1	**0.1**	*0.09*	0.00	*0.00*
USA, Arkansas: White				2	**0.0**	*0.03*	0.00	*0.00*
USA, California				92	**0.1**	*0.01*	0.01	*0.00*
USA, California: American Indian				1	**0.1**	*0.07*	0.01	*0.01*
USA, California: Asian and Pacific Islander				15	**0.1**	*0.03*	0.01	*0.00*
USA, California: Black				6	**0.1**	*0.03*	0.01	*0.00*
USA, California: White				70	**0.1**	*0.01*	0.01	*0.00*
USA, California, Los Angeles County				25	**0.1**	*0.02*	0.01	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander				3	**0.1**	*0.04*	0.01	*0.00*
*USA, California, Los Angeles County: Black				3	**0.1**	*0.06*	0.01	*0.00*
*USA, California, Los Angeles County: Chinese				0	**-**	-	–	-
*USA, California, Los Angeles County: Filipino				1	**0.1**	*0.10*	0.01	*0.01*
*USA, California, Los Angeles County: Hispanic White				16	**0.1**	*0.03*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Placenta (C58) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74		Cases	ASR (W)	CUM 0-74	
America, North (contd)								
*USA, California, Los Angeles County: Japanese					0	-	-	–	-
*USA, California, Los Angeles County: Korean					1	**0.1**	*0.13*	0.01	*0.01*
*USA, California, Los Angeles County: Non–Hispanic White					3	**0.0**	*0.02*	0.00	*0.00*
*USA, California, Los Angeles County: White					19	**0.1**	*0.02*	0.01	*0.00*
USA, California, San Francisco Bay Area					10	**0.1**	*0.03*	0.01	*0.00*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander					4	**0.1**	*0.06*	0.01	*0.00*
*USA, California, San Francisco Bay Area: Black					2	**0.1**	*0.10*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Hispanic White					4	**0.2**	*0.10*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Non–Hispanic White					0	-	-	–	-
*USA, California, San Francisco Bay Area: White					4	**0.1**	*0.03*	0.00	*0.00*
USA, Colorado					14	**0.1**	*0.03*	0.01	*0.00*
USA, Colorado: Asian and Pacific Islander					1	**0.2**	*0.19*	0.02	*0.02*
USA, Colorado: Black					1	**0.2**	*0.16*	0.01	*0.01*
USA, Colorado: White					9	**0.1**	*0.03*	0.01	*0.00*
USA, Connecticut					9	**0.1**	*0.03*	0.01	*0.00*
*USA, Connecticut: Black					1	**0.1**	*0.08*	0.01	*0.01*
*USA, Connecticut: White					6	**0.1**	*0.03*	0.01	*0.00*
USA, Delaware					0	-	-	–	-
USA, Delaware: Black					0	-	-	–	-
USA, Delaware: White					0	-	-	–	-
USA, Florida					41	**0.1**	*0.02*	0.01	*0.00*
USA, Florida: Asian and Pacific Islander					0	-	-	–	-
USA, Florida: Black					19	**0.2**	*0.06*	0.02	*0.00*
USA, Florida: White					22	**0.1**	*0.01*	0.00	*0.00*
USA, Georgia					23	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia: Asian and Pacific Islander					0	-	-	–	-
USA, Georgia: Black					8	**0.1**	*0.04*	0.01	*0.00*
USA, Georgia: White					13	**0.1**	*0.03*	0.01	*0.00*
USA, Georgia, Atlanta					6	**0.1**	*0.03*	0.00	*0.00*
*USA, Georgia, Atlanta: Black					2	**0.0**	*0.03*	0.00	*0.00*
*USA, Georgia, Atlanta: White					4	**0.1**	*0.05*	0.01	*0.00*
USA, Idaho					1	**0.0**	*0.03*	0.00	*0.00*
USA, Illinois					25	**0.1**	*0.02*	0.01	*0.00*
USA, Illinois: Asian and Pacific Islander					0	-	-	–	-
USA, Illinois: Black					7	**0.1**	*0.05*	0.01	*0.00*
USA, Illinois: White					17	**0.1**	*0.02*	0.00	*0.00*
USA, Indiana					14	**0.1**	*0.03*	0.01	*0.00*
USA, Indiana: Black					0	-	-	–	-
USA, Indiana: White					13	**0.1**	*0.03*	0.01	*0.00*
USA, Iowa					8	**0.1**	*0.04*	0.01	*0.00*
USA, Kentucky					4	**0.0**	*0.02*	0.00	*0.00*
USA, Louisiana					11	**0.1**	*0.04*	0.01	*0.00*
*USA, Louisiana: Black					7	**0.2**	*0.08*	0.02	*0.01*
*USA, Louisiana: White					3	**0.0**	*0.03*	0.00	*0.00*
*USA, Louisiana, New Orleans					3	**0.1**	*0.08*	0.01	*0.01*
*USA, Louisiana, New Orleans: Black					1	**0.1**	*0.11*	0.01	*0.01*
*USA, Louisiana, New Orleans: White					1	**0.1**	*0.08*	0.01	*0.01*
USA, Maine					3	**0.1**	*0.07*	0.01	*0.00*
USA, Massachusetts					12	**0.1**	*0.02*	0.01	*0.00*
USA, Massachusetts: Asian and Pacific Islander					1	**0.1**	*0.07*	0.01	*0.01*
USA, Massachusetts: Black					2	**0.2**	*0.13*	0.01	*0.01*
USA, Massachusetts: White					9	**0.1**	*0.02*	0.00	*0.00*
USA, Michigan					24	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan: Asian and Pacific Islander					2	**0.3**	*0.22*	0.02	*0.01*
USA, Michigan: Black					7	**0.2**	*0.07*	0.01	*0.00*
USA, Michigan: White					14	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan, Detroit					10	**0.1**	*0.03*	0.01	*0.00*
*USA, Michigan, Detroit: Black					3	**0.1**	*0.06*	0.01	*0.00*
*USA, Michigan, Detroit: White					6	**0.1**	*0.03*	0.01	*0.00*
USA, Mississippi					5	**0.1**	*0.03*	0.00	*0.00*
USA, Missouri					9	**0.1**	*0.02*	0.00	*0.00*
USA, Missouri: Black					1	**0.1**	*0.06*	0.00	*0.00*
USA, Missouri: White					8	**0.1**	*0.03*	0.00	*0.00*
USA, Montana					4	**0.2**	*0.10*	0.01	*0.01*
USA, Montana: American Indian					1	**0.8**	*0.76*	0.05	*0.05*
USA, Nebraska					3	**0.1**	*0.04*	0.00	*0.00*
USA, Nebraska: Black					0	-	-	–	-
USA, Nebraska: White					3	**0.1**	*0.04*	0.00	*0.00*
USA, New Hampshire					2	**0.1**	*0.04*	0.00	*0.00*
USA, New Jersey					27	**0.1**	*0.02*	0.01	*0.00*
*USA, New Jersey: Black					10	**0.3**	*0.09*	0.02	*0.01*
*USA, New Jersey: White					12	**0.1**	*0.02*	0.01	*0.00*
USA, New Mexico					2	**0.0**	*0.03*	0.00	*0.00*
*USA, New Mexico: Hispanic White					1	**0.1**	*0.05*	0.00	*0.00*
*USA, New Mexico: Non–Hispanic White					0	-	-	–	-
*USA, New Mexico: White					1	**0.0**	*0.03*	0.00	*0.00*
USA, New York State					64	**0.1**	*0.02*	0.01	*0.00*
USA, New York State: Asian and Pacific Islander					5	**0.1**	*0.05*	0.01	*0.00*
USA, New York State: Black					24	**0.3**	*0.05*	0.02	*0.00*
USA, New York State: White					31	**0.1**	*0.02*	0.01	*0.00*
USA, North Carolina					15	**0.1**	*0.02*	0.00	*0.00*
USA, North Carolina: American Indian					0	-	-	–	-
USA, North Carolina: Asian and Pacific Islander					2	**0.4**	*0.28*	0.03	*0.02*
USA, North Carolina: Black					3	**0.1**	*0.04*	0.00	*0.00*
USA, North Carolina: White					10	**0.1**	*0.02*	0.00	*0.00*
USA, North Dakota					0	-	-	–	-
USA, Ohio					16	**0.1**	*0.01*	0.00	*0.00*
USA, Ohio: Asian and Pacific Islander					0	-	-	–	-
USA, Ohio: Black					7	**0.2**	*0.07*	0.01	*0.00*
USA, Ohio: White					7	**0.0**	*0.01*	0.00	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Placenta (C58) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma						6	**0.1**	*0.03*	0.00	*0.00*
USA, Oklahoma: American Indian						2	**0.2**	*0.16*	0.01	*0.01*
USA, Oklahoma: Black						1	**0.1**	*0.12*	0.01	*0.01*
USA, Oklahoma: White						2	**0.0**	*0.02*	0.00	*0.00*
USA, Oregon						7	**0.1**	*0.03*	0.01	*0.00*
USA, Oregon: Asian and Pacific Islander						0	**-**	-	–	-
USA, Oregon: Black						0	**-**	-	–	-
USA, Oregon: White						7	**0.1**	*0.04*	0.01	*0.00*
USA, Pennsylvania						19	**0.1**	*0.01*	0.00	*0.00*
USA, Pennsylvania: Asian and Pacific Islander						0	**-**	-	–	-
USA, Pennsylvania: Black						7	**0.2**	*0.07*	0.01	*0.01*
USA, Pennsylvania: White						10	**0.0**	*0.01*	0.00	*0.00*
USA, Rhode Island						1	**0.0**	*0.05*	0.00	*0.00*
USA, Rhode Island: Black						1	**0.6**	*0.56*	0.04	*0.04*
USA, Rhode Island: White						0	**-**	-	–	-
USA, South Carolina						11	**0.1**	*0.03*	0.01	*0.00*
USA, South Carolina: Black						2	**0.0**	*0.03*	0.00	*0.00*
USA, South Carolina: White						9	**0.1**	*0.04*	0.01	*0.00*
USA, South Dakota						1	**0.1**	*0.05*	0.00	*0.00*
USA, Tennessee						12	**0.1**	*0.02*	0.01	*0.00*
USA, Tennessee: Black						3	**0.1**	*0.06*	0.01	*0.00*
USA, Tennessee: White						7	**0.1**	*0.02*	0.00	*0.00*
USA, Texas						57	**0.1**	*0.01*	0.01	*0.00*
USA, Texas: Asian and Pacific Islander						3	**0.1**	*0.06*	0.01	*0.00*
USA, Texas: Black						7	**0.1**	*0.04*	0.01	*0.00*
USA, Texas: White						46	**0.1**	*0.02*	0.01	*0.00*
USA, Utah						7	**0.1**	*0.04*	0.01	*0.00*
USA, Vermont						1	**0.1**	*0.08*	0.00	*0.00*
USA, Virginia						13	**0.1**	*0.02*	0.00	*0.00*
USA, Virginia: Asian and Pacific Islander						1	**0.1**	*0.07*	0.01	*0.01*
USA, Virginia: Black						3	**0.1**	*0.04*	0.00	*0.00*
USA, Virginia: White						8	**0.1**	*0.02*	0.00	*0.00*
USA, Washington State						16	**0.1**	*0.03*	0.01	*0.00*
USA, Washington, Seattle						10	**0.1**	*0.03*	0.01	*0.00*
USA, West Virginia						1	**0.0**	*0.03*	0.00	*0.00*
USA, Wisconsin						12	**0.1**	*0.03*	0.01	*0.00*
USA, Wisconsin: Black						2	**0.2**	*0.15*	0.01	*0.01*
USA, Wisconsin: White						8	**0.1**	*0.02*	0.01	*0.00*
USA, Wyoming						1	**0.1**	*0.08*	0.01	*0.01*
Asia										
Bahrain: Bahraini						5	**0.5**	*0.22*	0.04	*0.02*
China, Beijing City						34	**0.2**	*0.03*	0.01	*0.00*
*China, Cixian County						5	**0.3**	*0.12*	0.02	*0.01*
China, Haining County						1	**0.1**	*0.08*	0.00	*0.01*
*China, Harbin City, Nangang District						4	**0.1**	*0.06*	0.01	*0.00*
China, Hong Kong						8	**0.0**	*0.01*	0.00	*0.00*
China, Jiashan County						4	**0.4**	*0.22*	0.03	*0.02*
China, Jiaxing City						3	**0.4**	*0.24*	0.02	*0.01*
China, Macao						0	**-**	-	–	-
China, Qidong County						1	**0.0**	*0.02*	0.00	*0.00*
*China, Shanghai City						8	**0.0**	*0.02*	0.00	*0.00*
*China, Wuhan City						20	**0.1**	*0.03*	0.01	*0.00*
*China, Yangcheng County						0	**-**	-	–	-
*China, Yanting County						3	**0.1**	*0.08*	0.01	*0.01*
*China, Zhongshan City						2	**0.1**	*0.05*	0.00	*0.00*
*India, Bangalore						2	**0.0**	*0.01*	0.00	*0.00*
*India; Barshi, Paranda, and Bhum						0	**-**	-	–	-
*India, Bhopal						7	**0.2**	*0.08*	0.01	*0.01*
*India, Chennai						10	**0.1**	*0.02*	0.01	*0.00*
*India, Dindigul, Ambilikkai						4	**0.1**	*0.03*	0.00	*0.00*
*India, Karunagappally						0	**-**	-	–	-
*India, Mizoram						17	**0.7**	*0.17*	0.05	*0.01*
*India, Mumbai						11	**0.0**	*0.01*	0.00	*0.00*
*India, New Delhi	1	**0.0**	*0.00*	0.00	*0.00*	24	**0.1**	*0.01*	0.01	*0.00*
*India, Poona						2	**0.0**	*0.01*	0.00	*0.00*
*India, Sikkim State						1	**0.1**	*0.06*	0.01	*0.01*
*India, Trivandrum						1	**0.1**	*0.05*	0.00	*0.00*
*Iran (Islamic Republic of), Golestan Province						5	**0.2**	*0.08*	0.01	*0.01*
Israel						5	**0.0**	*0.01*	0.00	*0.00*
*Israel: Jews						4	**0.0**	*0.01*	0.00	*0.00*
*Israel: Non–Jews						1	**0.0**	*0.03*	0.00	*0.00*
Japan, Aichi Prefecture						3	**0.1**	*0.05*	0.01	*0.00*
Japan, Fukui Prefecture						1	**0.1**	*0.07*	0.00	*0.00*
Japan, Hiroshima						1	**0.0**	*0.04*	0.00	*0.00*
Japan, Miyagi Prefecture						5	**0.1**	*0.04*	0.01	*0.00*
Japan, Nagasaki Prefecture						2	**0.1**	*0.05*	0.00	*0.00*
Japan, Niigata Prefecture						5	**0.1**	*0.04*	0.01	*0.00*
*Japan, Osaka Prefecture						5	**0.0**	*0.01*	0.00	*0.00*
Japan, Saga Prefecture						1	**0.1**	*0.06*	0.00	*0.00*
Republic of Korea						271	**0.2**	*0.01*	0.01	*0.00*
Republic of Korea, Busan						31	**0.3**	*0.05*	0.02	*0.00*
Republic of Korea, Daegu						11	**0.1**	*0.04*	0.01	*0.00*
Republic of Korea, Daejeon						7	**0.1**	*0.06*	0.01	*0.00*
Republic of Korea, Gwangju						7	**0.1**	*0.06*	0.01	*0.00*
Republic of Korea, Incheon						8	**0.1**	*0.04*	0.01	*0.00*
Republic of Korea, Jejudo						8	**0.6**	*0.21*	0.05	*0.02*
Republic of Korea, Seoul						53	**0.2**	*0.02*	0.01	*0.00*
Republic of Korea, Ulsan						5	**0.1**	*0.05*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Placenta (C58) (contd)

	Male				Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)		CUM 0-74	
Asia (contd)								
Kuwait				1	**0.0**	*0.01*	0.00	*0.00*
*Kuwait: Kuwaitis				1	**0.0**	*0.04*	0.00	*0.00*
*Kuwait: Non−Kuwaitis				0	**-**	-	–	-
*Malaysia, Penang				3	**0.1**	*0.05*	0.01	*0.00*
*Malaysia, Penang: Chinese				2	**0.1**	*0.10*	0.01	*0.01*
*Malaysia, Penang: Indian				0	**-**	-	–	-
*Malaysia, Penang: Malay				1	**0.1**	*0.07*	0.01	*0.01*
*Philippines, Manila				40	**0.2**	*0.04*	0.02	*0.00*
*Philippines, Rizal				48	**0.3**	*0.04*	0.02	*0.00*
Qatar: Qatari				2	**0.4**	*0.25*	0.03	*0.02*
*Saudi Arabia, Riyadh: Saudi				15	**0.2**	*0.05*	0.02	*0.00*
Singapore				11	**0.1**	*0.03*	0.01	*0.00*
Singapore: Chinese				9	**0.1**	*0.03*	0.01	*0.00*
Singapore: Indian				0	**-**	-	–	-
Singapore: Malay				2	**0.2**	*0.11*	0.01	*0.01*
Thailand, Bangkok				15	**0.1**	*0.02*	0.00	*0.00*
Thailand, Chiang Mai				9	**0.2**	*0.07*	0.01	*0.00*
Thailand, Chonburi				15	**0.5**	*0.12*	0.03	*0.01*
*Thailand, Khon Kaen				17	**0.3**	*0.09*	0.03	*0.01*
Thailand, Lampang				4	**0.2**	*0.09*	0.01	*0.01*
*Thailand, Songkhla				13	**0.4**	*0.11*	0.03	*0.01*
*Turkey, Antalya				3	**0.1**	*0.03*	0.00	*0.00*
*Turkey, Edirne				0	**-**	-	–	-
*Turkey, Izmir				3	**0.0**	*0.02*	0.00	*0.00*
*Turkey, Trabzon				0	**-**	-	–	-
Europe								
Austria				7	**0.0**	*0.01*	0.00	*0.00*
Austria, Tyrol				1	**0.1**	*0.07*	0.00	*0.00*
Austria, Vorarlberg				0	**-**	-	–	-
*Belarus				26	**0.1**	*0.02*	0.01	*0.00*
*Belgium				17	**0.1**	*0.02*	0.01	*0.00*
Bulgaria				18	**0.1**	*0.02*	0.01	*0.00*
Croatia				2	**0.0**	*0.02*	0.00	*0.00*
Cyprus				1	**0.1**	*0.05*	0.00	*0.00*
Czech Republic				19	**0.1**	*0.01*	0.01	*0.00*
Denmark				8	**0.1**	*0.02*	0.00	*0.00*
*Estonia				3	**0.1**	*0.03*	0.01	*0.00*
Finland				3	**0.0**	*0.01*	0.00	*0.00*
*France, Bas−Rhin				0	**-**	-	–	-
*France, Calvados				1	**0.0**	*0.04*	0.00	*0.00*
*France, Doubs				2	**0.2**	*0.11*	0.01	*0.01*
*France, Haut−Rhin				1	**0.1**	*0.07*	0.00	*0.00*
*France, Hérault				1	**0.0**	*0.03*	0.00	*0.00*
*France, Isère				1	**0.0**	*0.03*	0.00	*0.00*
*France, Loire−Atlantique				3	**0.1**	*0.04*	0.01	*0.00*
*France, Manche				0	**-**	-	–	-
*France, Somme				1	**0.1**	*0.09*	0.01	*0.01*
*France, Tarn				0	**-**	-	–	-
*France, Vendée				1	**0.1**	*0.10*	0.01	*0.01*
Germany, Brandenburg				3	**0.0**	*0.03*	0.00	*0.00*
Germany, Bremen				2	**0.1**	*0.09*	0.01	*0.01*
Germany, Free State of Saxony				8	**0.1**	*0.03*	0.00	*0.00*
Germany, Hamburg				0	**-**	-	–	-
Germany, Mecklenburg−Western Pomerania				0	**-**	-	–	-
Germany, Munich				2	**0.0**	*0.02*	0.00	*0.00*
Germany, North Rhine−Westphalia				0	**-**	-	–	-
Germany, Saarland				2	**0.1**	*0.05*	0.01	*0.00*
Germany, Schleswig−Holstein				4	**0.1**	*0.03*	0.00	*0.00*
Iceland				0	**-**	-	–	-
Ireland				4	**0.0**	*0.02*	0.00	*0.00*
Italy, Biella				0	**-**	-	–	-
Italy, Brescia				1	**0.0**	*0.03*	0.00	*0.00*
Italy, Catania and Messina				2	**0.1**	*0.05*	0.01	*0.00*
Italy, Catanzaro				0	**-**	-	–	-
Italy, Como				0	**-**	-	–	-
Italy, Ferrara				0	**-**	-	–	-
Italy, Florence and Prato				2	**0.1**	*0.06*	0.01	*0.01*
Italy, Friuli−Venezia Giulia				0	**-**	-	–	-
Italy, Genoa				0	**-**	-	–	-
Italy, Latina				1	**0.1**	*0.09*	0.01	*0.01*
Italy, Lecco				0	**-**	-	–	-
Italy, Lombardy, South				1	**0.1**	*0.12*	0.01	*0.01*
Italy, Mantua				1	**0.1**	*0.14*	0.01	*0.01*
Italy, Milan				5	**0.1**	*0.06*	0.01	*0.01*
Italy, Modena				0	**-**	-	–	-
Italy, Naples				1	**0.1**	*0.09*	0.01	*0.01*
Italy, Nuoro				0	**-**	-	–	-
Italy, Palermo				1	**0.0**	*0.05*	0.00	*0.00*
Italy, Parma				1	**0.1**	*0.07*	0.01	*0.01*
Italy, Ragusa				1	**0.2**	*0.17*	0.01	*0.01*
Italy, Reggio Emilia				4	**0.3**	*0.18*	0.02	*0.01*
Italy, Romagna				2	**0.1**	*0.04*	0.01	*0.00*
Italy, Salerno				0	**-**	-	–	-
Italy, Sassari				0	**-**	-	–	-
Italy, Sondrio				1	**0.2**	*0.18*	0.01	*0.01*
Italy, South Tyrol				0	**-**	-	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Placenta (C58) (contd)

	Male			Female			
	Cases	ASR (W)	CUM 0-74	Cases	ASR (W)	CUM 0-74	
Europe (contd)							
Italy, Syracuse				0	-	-	–	-
Italy, Trapani				1	**0.1**	*0.09*	0.01	*0.01*
Italy, Trento				4	**0.4**	*0.18*	0.03	*0.01*
Italy, Turin				2	**0.1**	*0.07*	0.01	*0.00*
Italy, Umbria				0	-	-	–	-
Italy, Varese				0	-	-	–	-
Italy, Veneto				1	**0.0**	*0.02*	0.00	*0.00*
Latvia				6	**0.1**	*0.05*	0.01	*0.00*
Lithuania				4	**0.0**	*0.02*	0.00	*0.00*
Malta				0	-	-	–	-
*The Netherlands				36	**0.1**	*0.01*	0.01	*0.00*
*The Netherlands, Eindhoven				4	**0.2**	*0.08*	0.01	*0.01*
Norway				20	**0.2**	*0.04*	0.01	*0.00*
Poland, Cracow				1	**0.1**	*0.06*	0.01	*0.01*
Poland, Kielce				2	**0.1**	*0.04*	0.01	*0.00*
Poland, Lower Silesia				3	**0.0**	*0.02*	0.00	*0.00*
Poland, Podkarpackie				2	**0.0**	*0.02*	0.00	*0.00*
Portugal, Azores				1	**0.2**	*0.20*	0.01	*0.01*
Russian Federation, Saint Petersburg				7	**0.0**	*0.02*	0.00	*0.00*
*Serbia, Central				4	**0.0**	*0.01*	0.00	*0.00*
Slovakia				9	**0.1**	*0.02*	0.00	*0.00*
Slovenia				1	**0.0**	*0.02*	0.00	*0.00*
Spain, Albacete				0	-	-	–	-
Spain, Asturias				0	-	-	–	-
Spain, Basque Country				3	**0.1**	*0.04*	0.00	*0.00*
Spain, Canary Islands				0	-	-	–	-
Spain, Ciudad Real				0	-	-	–	-
Spain, Cuenca				0	-	-	–	-
Spain, Girona				0	-	-	–	-
*Spain, Granada				1	**0.0**	*0.04*	0.00	*0.00*
Spain, La Rioja				0	-	-	–	-
Spain, Mallorca				1	**0.0**	*0.05*	0.00	*0.00*
Spain, Murcia				1	**0.0**	*0.02*	0.00	*0.00*
Spain, Navarra				1	**0.1**	*0.05*	0.00	*0.00*
Spain, Tarragona				1	**0.0**	*0.04*	0.00	*0.00*
*Sweden				19	**0.1**	*0.02*	0.01	*0.00*
Switzerland, Basel				0	-	-	–	-
Switzerland, Geneva				0	-	-	–	-
Switzerland, Graubünden and Glarus				0	-	-	–	-
Switzerland, Neuchâtel				0	-	-	–	-
Switzerland, St Gall−Appenzell				1	**0.1**	*0.11*	0.01	*0.01*
Switzerland, Ticino				0	-	-	–	-
Switzerland, Valais				0	-	-	–	-
Switzerland, Vaud				3	**0.2**	*0.11*	0.01	*0.01*
Switzerland, Zurich				3	**0.1**	*0.06*	0.01	*0.00*
Ukraine				183	**0.2**	*0.01*	0.01	*0.00*
UK, England				43	**0.0**	*0.01*	0.00	*0.00*
UK, England, East of England Region				4	**0.0**	*0.01*	0.00	*0.00*
UK, England, North Western				3	**0.0**	*0.01*	0.00	*0.00*
UK, England, Northern and Yorkshire				4	**0.0**	*0.02*	0.00	*0.00*
UK, England, Oxford Region				6	**0.1**	*0.03*	0.01	*0.00*
UK, England, South and Western Regions				10	**0.1**	*0.02*	0.00	*0.00*
UK, England, Thames				8	**0.0**	*0.01*	0.00	*0.00*
UK, England, Trent				2	**0.0**	*0.03*	0.00	*0.00*
UK, England, West Midlands				4	**0.0**	*0.02*	0.00	*0.00*
UK, Northern Ireland				3	**0.1**	*0.04*	0.01	*0.00*
UK, Scotland				3	**0.0**	*0.01*	0.00	*0.00*
UK, Wales				3	**0.0**	*0.03*	0.00	*0.00*
Oceania							
Australian Capital Territory				2	**0.2**	*0.15*	0.02	*0.01*
Australia, New South Wales				13	**0.1**	*0.02*	0.01	*0.00*
Australia, Northern Territory				1	**0.2**	*0.17*	0.01	*0.01*
Australia, Northern Territory: Indigenous				1	**0.8**	*0.77*	0.06	*0.06*
Australia, Northern Territory: Non−Indigenous				0	-	-	–	-
Australia, Queensland				17	**0.2**	*0.04*	0.01	*0.00*
South Australia				2	**0.1**	*0.05*	0.00	*0.00*
Australia, Tasmania				0	-	-	–	-
Australia, Victoria				8	**0.1**	*0.02*	0.00	*0.00*
Western Australia				1	**0.0**	*0.02*	0.00	*0.00*
New Zealand				22	**0.2**	*0.04*	0.01	*0.00*
New Zealand: Maori				7	**0.4**	*0.16*	0.03	*0.01*
New Zealand: Pacific Islander				1	**0.1**	*0.12*	0.01	*0.01*
New Zealand: Other				14	**0.2**	*0.04*	0.01	*0.00*
USA, Hawaii				5	**0.2**	*0.07*	0.01	*0.01*
*USA, Hawaii: Chinese				0	-	-	–	-
*USA, Hawaii: Filipino				0	-	-	–	-
*USA, Hawaii: Hawaiian				2	**0.3**	*0.21*	0.02	*0.01*
*USA, Hawaii: Japanese				1	**0.1**	*0.13*	0.01	*0.01*
*USA, Hawaii: White				1	**0.1**	*0.09*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Penis (C60)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	0	-	-	–	-					
Egypt, Gharbiah	3	**0.1**	*0.03*	0.01	*0.01*					
*Libya, Benghazi	0	-	-	–	-					
*Malawi, Blantyre	33	**2.6**	*0.52*	0.25	*0.07*					
*South Africa, PROMEC	11	**0.8**	*0.24*	0.10	*0.03*					
*Tunisia, North	8	**0.1**	*0.05*	0.02	*0.01*					
*Uganda, Kyadondo County	30	**2.2**	*0.48*	0.21	*0.07*					
*Zimbabwe, Harare: African	14	**1.1**	*0.35*	0.14	*0.06*					
America, Central and South										
Argentina, Bahía Blanca	11	**1.2**	*0.40*	0.13	*0.05*					
Argentina, Córdoba	33	**1.2**	*0.21*	0.15	*0.03*					
Argentina, Mendoza	58	**1.4**	*0.19*	0.17	*0.03*					
*Argentina, Tierra del Fuego	2	**1.2**	*0.86*	0.18	*0.14*					
Brazil, Aracaju	17	**2.5**	*0.63*	0.24	*0.08*					
Brazil, Belo Horizonte	24	**0.9**	*0.20*	0.11	*0.03*					
Brazil, Cuiabá	20	**2.1**	*0.49*	0.23	*0.06*					
Brazil, Fortaleza	51	**1.7**	*0.25*	0.23	*0.04*					
Brazil, Goiânia	65	**3.3**	*0.42*	0.37	*0.06*					
*Brazil, São Paulo	403	**1.7**	*0.09*	0.17	*0.01*					
Chile, Region of Antofagasta	19	**1.6**	*0.37*	0.16	*0.05*					
Chile, Bío Bío Province	8	**0.8**	*0.28*	0.06	*0.03*					
Chile, Valdivia	10	**0.9**	*0.29*	0.13	*0.06*					
Colombia, Bucaramanga	31	**1.4**	*0.26*	0.15	*0.04*					
Colombia, Cali	54	**1.2**	*0.18*	0.14	*0.02*					
Colombia, Manizales	20	**2.2**	*0.51*	0.29	*0.08*					
Colombia, Pasto	11	**1.4**	*0.42*	0.14	*0.05*					
Costa Rica	110	**1.2**	*0.12*	0.14	*0.02*					
Cuba, Villa Clara	41	**1.6**	*0.27*	0.18	*0.03*					
Ecuador, Cuenca	1	**0.1**	*0.10*	0.01	*0.01*					
Ecuador, Quito	18	**0.6**	*0.14*	0.06	*0.02*					
*France, Martinique	14	**0.9**	*0.26*	0.09	*0.03*					
*Jamaica, Kingston and St Andrew	18	**1.1**	*0.28*	0.10	*0.03*					
USA, Puerto Rico	237	**1.8**	*0.12*	0.19	*0.02*					
Uruguay	96	**1.5**	*0.16*	0.18	*0.02*					
America, North										
Canada	662	**0.5**	*0.02*	0.06	*0.00*					
Canada, Alberta	77	**0.7**	*0.08*	0.08	*0.01*					
Canada, British Columbia	57	**0.3**	*0.05*	0.03	*0.01*					
Canada, Manitoba	31	**0.6**	*0.12*	0.07	*0.02*					
Canada, New Brunswick	32	**1.0**	*0.19*	0.11	*0.03*					
Canada, Newfoundland and Labrador	18	**0.9**	*0.22*	0.12	*0.03*					
*Canada, Northwest Territories	0	-	-	–	-					
Canada, Nova Scotia	30	**0.8**	*0.15*	0.10	*0.02*					
Canada, Ontario	233	**0.5**	*0.03*	0.06	*0.00*					
Canada, Prince Edward Island	3	**0.5**	*0.29*	0.04	*0.03*					
*Canada, Quebec	147	**0.5**	*0.04*	0.05	*0.01*					
Canada, Saskatchewan	34	**0.9**	*0.17*	0.11	*0.02*					
*Canada, Yukon	0	-	-	–	-					
USA, NPCR (42 states)	4858	**0.5**	*0.01*	0.06	*0.00*					
USA, NPCR (42 states): American Indian	38	**0.6**	*0.10*	0.08	*0.02*					
USA, NPCR (42 states): Asian and Pacific Islander	67	**0.2**	*0.03*	0.02	*0.00*					
USA, NPCR (42 states): Black	524	**0.6**	*0.03*	0.07	*0.00*					
USA, NPCR (42 states): White	4139	**0.5**	*0.01*	0.06	*0.00*					
USA, SEER (9 registries)	417	**0.4**	*0.02*	0.04	*0.00*					
*USA, SEER (9 registries): Black	41	**0.5**	*0.08*	0.05	*0.01*					
*USA, SEER (9 registries): White	344	**0.4**	*0.02*	0.04	*0.00*					
USA, SEER (18 registries)	1377	**0.5**	*0.01*	0.06	*0.00*					
*USA, SEER (18 registries): Asian and Pacific Islander	58	**0.3**	*0.03*	0.03	*0.00*					
*USA, SEER (18 registries): Black	124	**0.5**	*0.05*	0.06	*0.01*					
*USA, SEER (18 registries): Hispanic White	264	**0.9**	*0.06*	0.09	*0.01*					
*USA, SEER (18 registries): Non–Hispanic White	902	**0.4**	*0.02*	0.05	*0.00*					
*USA, SEER (18 registries): White	1166	**0.5**	*0.02*	0.06	*0.00*					
USA, Alabama	90	**0.6**	*0.06*	0.06	*0.01*					
USA, Alabama: Black	20	**0.7**	*0.16*	0.08	*0.02*					
USA, Alabama: White	69	**0.5**	*0.07*	0.06	*0.01*					
USA, Alaska	13	**0.7**	*0.20*	0.10	*0.03*					
*USA, Alaska: American Indian	2	**0.8**	*0.59*	0.08	*0.08*					
USA, Arizona	106	**0.5**	*0.05*	0.06	*0.01*					
USA, Arizona: American Indian	6	**0.8**	*0.33*	0.04	*0.02*					
USA, Arizona: Asian and Pacific Islander	1	**0.3**	*0.33*	0.08	*0.08*					
USA, Arizona: Black	4	**0.9**	*0.46*	0.07	*0.05*					
USA, Arizona: White	95	**0.5**	*0.05*	0.06	*0.01*					
USA, Arkansas	65	**0.7**	*0.08*	0.09	*0.01*					
USA, Arkansas: Black	4	**0.4**	*0.22*	0.07	*0.04*					
USA, Arkansas: White	61	**0.7**	*0.09*	0.09	*0.01*					
USA, California	561	**0.5**	*0.02*	0.05	*0.00*					
USA, California: American Indian	3	**0.3**	*0.19*	0.05	*0.03*					
USA, California: Asian and Pacific Islander	31	**0.2**	*0.04*	0.02	*0.00*					
USA, California: Black	35	**0.6**	*0.10*	0.08	*0.02*					
USA, California: White	477	**0.5**	*0.02*	0.06	*0.00*					
USA, California, Los Angeles County	149	**0.5**	*0.04*	0.06	*0.01*					
*USA, California, Los Angeles County: Asian and Pacific Islander	7	**0.1**	*0.05*	0.01	*0.01*					
*USA, California, Los Angeles County: Black	14	**0.5**	*0.14*	0.07	*0.02*					
*USA, California, Los Angeles County: Chinese	3	**0.2**	*0.12*	0.02	*0.02*					
*USA, California, Los Angeles County: Filipino	1	**0.1**	*0.07*	–	-					
*USA, California, Los Angeles County: Hispanic White	70	**0.8**	*0.11*	0.09	*0.01*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Penis (C60) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	0	**-**	-	–	-					
*USA, California, Los Angeles County: Korean	2	**0.3**	*0.21*	0.01	*0.01*					
*USA, California, Los Angeles County: Non–Hispanic White	54	**0.4**	*0.05*	0.05	*0.01*					
*USA, California, Los Angeles County: White	124	**0.6**	*0.05*	0.06	*0.01*					
USA, California, San Francisco Bay Area	48	**0.3**	*0.05*	0.04	*0.01*					
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	6	**0.2**	*0.07*	0.02	*0.01*					
*USA, California, San Francisco Bay Area: Black	7	**0.6**	*0.23*	0.09	*0.04*					
*USA, California, San Francisco Bay Area: Hispanic White	11	**0.7**	*0.22*	0.08	*0.04*					
*USA, California, San Francisco Bay Area: Non–Hispanic White	24	**0.3**	*0.06*	0.03	*0.01*					
*USA, California, San Francisco Bay Area: White	35	**0.3**	*0.06*	0.04	*0.01*					
USA, Colorado	62	**0.4**	*0.05*	0.04	*0.01*					
USA, Colorado: Asian and Pacific Islander	1	**0.3**	*0.31*	–	-					
USA, Colorado: Black	4	**0.9**	*0.47*	0.04	*0.03*					
USA, Colorado: White	57	**0.4**	*0.05*	0.04	*0.01*					
USA, Connecticut	66	**0.5**	*0.06*	0.05	*0.01*					
*USA, Connecticut: Black	2	**0.2**	*0.14*	0.02	*0.02*					
*USA, Connecticut: White	61	**0.5**	*0.07*	0.05	*0.01*					
USA, Delaware	7	**0.2**	*0.08*	0.03	*0.01*					
USA, Delaware: Black	3	**0.5**	*0.31*	0.03	*0.03*					
USA, Delaware: White	3	**0.1**	*0.07*	0.02	*0.01*					
USA, Florida	405	**0.5**	*0.03*	0.06	*0.00*					
USA, Florida: Asian and Pacific Islander	0	**-**	-	–	-					
USA, Florida: Black	60	**1.0**	*0.13*	0.11	*0.02*					
USA, Florida: White	336	**0.5**	*0.03*	0.06	*0.00*					
USA, Georgia	120	**0.5**	*0.04*	0.06	*0.01*					
USA, Georgia: Asian and Pacific Islander	0	**-**	-	–	-					
USA, Georgia: Black	28	**0.5**	*0.10*	0.07	*0.02*					
USA, Georgia: White	90	**0.4**	*0.05*	0.05	*0.01*					
USA, Georgia, Atlanta	27	**0.3**	*0.07*	0.04	*0.01*					
*USA, Georgia, Atlanta: Black	11	**0.6**	*0.18*	0.05	*0.02*					
*USA, Georgia, Atlanta: White	15	**0.3**	*0.08*	0.04	*0.01*					
USA, Idaho	22	**0.4**	*0.10*	0.06	*0.01*					
USA, Illinois	223	**0.5**	*0.04*	0.06	*0.01*					
USA, Illinois: Asian and Pacific Islander	3	**0.2**	*0.14*	0.04	*0.03*					
USA, Illinois: Black	32	**0.7**	*0.12*	0.08	*0.02*					
USA, Illinois: White	182	**0.5**	*0.04*	0.06	*0.01*					
USA, Indiana	123	**0.6**	*0.05*	0.07	*0.01*					
USA, Indiana: Black	5	**0.4**	*0.16*	0.05	*0.03*					
USA, Indiana: White	118	**0.6**	*0.06*	0.07	*0.01*					
USA, Iowa	76	**0.6**	*0.08*	0.07	*0.01*					
USA, Kentucky	119	**0.8**	*0.08*	0.10	*0.01*					
USA, Louisiana	76	**0.7**	*0.08*	0.07	*0.01*					
*USA, Louisiana: Black	23	**0.8**	*0.18*	0.08	*0.02*					
*USA, Louisiana: White	53	**0.6**	*0.09*	0.07	*0.01*					
*USA, Louisiana, New Orleans	12	**0.5**	*0.17*	0.05	*0.02*					
*USA, Louisiana, New Orleans: Black	6	**0.9**	*0.37*	0.09	*0.04*					
*USA, Louisiana, New Orleans: White	6	**0.3**	*0.14*	0.03	*0.02*					
USA, Maine	40	**0.8**	*0.12*	0.10	*0.02*					
USA, Massachusetts	153	**0.6**	*0.05*	0.07	*0.01*					
USA, Massachusetts: Asian and Pacific Islander	5	**0.8**	*0.37*	0.11	*0.06*					
USA, Massachusetts: Black	4	**0.5**	*0.24*	0.07	*0.04*					
USA, Massachusetts: White	140	**0.6**	*0.05*	0.07	*0.01*					
USA, Michigan	177	**0.5**	*0.04*	0.05	*0.01*					
USA, Michigan: Asian and Pacific Islander	2	**0.5**	*0.33*	0.07	*0.05*					
USA, Michigan: Black	21	**0.5**	*0.12*	0.05	*0.02*					
USA, Michigan: White	149	**0.4**	*0.04*	0.05	*0.01*					
USA, Michigan, Detroit	72	**0.5**	*0.06*	0.04	*0.01*					
*USA, Michigan, Detroit: Black	18	**0.6**	*0.15*	0.05	*0.02*					
*USA, Michigan, Detroit: White	52	**0.4**	*0.06*	0.04	*0.01*					
USA, Mississippi	61	**0.6**	*0.08*	0.07	*0.01*					
USA, Missouri	115	**0.5**	*0.05*	0.06	*0.01*					
USA, Missouri: Black	5	**0.3**	*0.14*	0.03	*0.02*					
USA, Missouri: White	108	**0.5**	*0.05*	0.06	*0.01*					
USA, Montana	18	**0.5**	*0.11*	0.05	*0.02*					
USA, Montana: American Indian	3	**2.2**	*1.31*	0.25	*0.15*					
USA, Nebraska	33	**0.5**	*0.10*	0.07	*0.02*					
USA, Nebraska: Black	0	**-**	-	–	-					
USA, Nebraska: White	32	**0.5**	*0.10*	0.07	*0.02*					
USA, New Hampshire	21	**0.4**	*0.10*	0.05	*0.01*					
USA, New Jersey	157	**0.5**	*0.04*	0.06	*0.01*					
*USA, New Jersey: Black	11	**0.3**	*0.11*	0.05	*0.02*					
*USA, New Jersey: White	138	**0.5**	*0.05*	0.06	*0.01*					
USA, New Mexico	30	**0.4**	*0.08*	0.04	*0.01*					
*USA, New Mexico: Hispanic White	16	**0.8**	*0.20*	0.07	*0.02*					
*USA, New Mexico: Non–Hispanic White	9	**0.2**	*0.07*	0.02	*0.01*					
*USA, New Mexico: White	25	**0.4**	*0.08*	0.04	*0.01*					
USA, New York State	392	**0.6**	*0.03*	0.07	*0.00*					
USA, New York State: Asian and Pacific Islander	12	**0.3**	*0.09*	0.04	*0.02*					
USA, New York State: Black	68	**0.8**	*0.10*	0.08	*0.01*					
USA, New York State: White	299	**0.5**	*0.03*	0.06	*0.00*					
USA, North Carolina	150	**0.5**	*0.04*	0.06	*0.01*					
USA, North Carolina: American Indian	0	**-**	-	–	-					
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-					
USA, North Carolina: Black	31	**0.7**	*0.12*	0.07	*0.02*					
USA, North Carolina: White	118	**0.5**	*0.05*	0.06	*0.01*					
USA, North Dakota	11	**0.3**	*0.12*	0.03	*0.02*					
USA, Ohio	195	**0.5**	*0.03*	0.05	*0.00*					
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-					
USA, Ohio: Black	15	**0.5**	*0.12*	0.04	*0.01*					
USA, Ohio: White	178	**0.5**	*0.04*	0.05	*0.01*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Penis (C60) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	83	**0.7**	*0.08*	0.09	*0.01*					
USA, Oklahoma: American Indian	10	**1.3**	*0.41*	0.16	*0.07*					
USA, Oklahoma: Black	3	**0.5**	*0.31*	0.07	*0.05*					
USA, Oklahoma: White	69	**0.6**	*0.08*	0.08	*0.01*					
USA, Oregon	62	**0.4**	*0.06*	0.05	*0.01*					
USA, Oregon: Asian and Pacific Islander	1	**0.3**	*0.26*	0.02	*0.02*					
USA, Oregon: Black	0	**-**	-	–	-					
USA, Oregon: White	57	**0.4**	*0.06*	0.05	*0.01*					
USA, Pennsylvania	233	**0.4**	*0.03*	0.05	*0.00*					
USA, Pennsylvania: Asian and Pacific Islander	1	**0.2**	*0.18*	0.03	*0.03*					
USA, Pennsylvania: Black	19	**0.5**	*0.13*	0.06	*0.02*					
USA, Pennsylvania: White	210	**0.4**	*0.03*	0.05	*0.00*					
USA, Rhode Island	31	**0.8**	*0.15*	0.08	*0.02*					
USA, Rhode Island: Black	1	**1.0**	*1.03*	0.13	*0.13*					
USA, Rhode Island: White	28	**0.7**	*0.15*	0.08	*0.02*					
USA, South Carolina	80	**0.5**	*0.06*	0.06	*0.01*					
USA, South Carolina: Black	23	**0.7**	*0.15*	0.07	*0.02*					
USA, South Carolina: White	55	**0.5**	*0.06*	0.06	*0.01*					
USA, South Dakota	22	**0.6**	*0.15*	0.08	*0.02*					
USA, Tennessee	97	**0.5**	*0.05*	0.05	*0.01*					
USA, Tennessee: Black	11	**0.5**	*0.15*	0.06	*0.02*					
USA, Tennessee: White	86	**0.5**	*0.05*	0.05	*0.01*					
USA, Texas	435	**0.6**	*0.03*	0.07	*0.00*					
USA, Texas: Asian and Pacific Islander	2	**0.1**	*0.07*	0.00	*0.00*					
USA, Texas: Black	37	**0.6**	*0.10*	0.07	*0.01*					
USA, Texas: White	384	**0.6**	*0.03*	0.07	*0.00*					
USA, Utah	23	**0.3**	*0.07*	0.03	*0.01*					
USA, Vermont	8	**0.3**	*0.11*	0.02	*0.01*					
USA, Virginia	129	**0.5**	*0.04*	0.05	*0.01*					
USA, Virginia: Asian and Pacific Islander	2	**0.3**	*0.22*	0.02	*0.02*					
USA, Virginia: Black	28	**0.6**	*0.12*	0.06	*0.02*					
USA, Virginia: White	97	**0.5**	*0.05*	0.05	*0.01*					
USA, Washington State	82	**0.3**	*0.04*	0.04	*0.01*					
USA, Washington, Seattle	56	**0.4**	*0.05*	0.04	*0.01*					
USA, West Virginia	53	**0.7**	*0.10*	0.09	*0.01*					
USA, Wisconsin	104	**0.5**	*0.05*	0.06	*0.01*					
USA, Wisconsin: Black	3	**0.4**	*0.26*	0.07	*0.05*					
USA, Wisconsin: White	97	**0.5**	*0.05*	0.06	*0.01*					
USA, Wyoming	11	**0.6**	*0.19*	0.07	*0.03*					
Asia										
Bahrain: Bahraini	0	**-**	-	–	-					
China, Beijing City	95	**0.3**	*0.03*	0.03	*0.00*					
*China, Cixian County	10	**0.8**	*0.27*	0.13	*0.05*					
China, Haining County	5	**0.2**	*0.11*	0.03	*0.02*					
*China, Harbin City, Nangang District	17	**0.6**	*0.14*	0.06	*0.02*					
China, Hong Kong	72	**0.3**	*0.03*	0.03	*0.00*					
China, Jiashan County	5	**0.3**	*0.14*	0.06	*0.03*					
China, Jiaxing City	5	**0.4**	*0.17*	0.03	*0.01*					
China, Macao	4	**0.3**	*0.15*	0.03	*0.03*					
China, Qidong County	11	**0.3**	*0.08*	0.02	*0.01*					
*China, Shanghai City	107	**0.3**	*0.04*	0.04	*0.00*					
*China, Wuhan City	40	**0.3**	*0.04*	0.03	*0.01*					
*China, Yangcheng County	8	**1.0**	*0.39*	0.14	*0.06*					
*China, Yanting County	6	**0.4**	*0.15*	0.05	*0.02*					
*China, Zhongshan City	27	**1.0**	*0.19*	0.11	*0.03*					
*India, Bangalore	101	**1.3**	*0.14*	0.16	*0.02*					
*India; Barshi, Paranda, and Bhum	25	**2.2**	*0.46*	0.26	*0.06*					
*India, Bhopal	12	**0.6**	*0.17*	0.05	*0.02*					
*India, Chennai	179	**1.8**	*0.14*	0.23	*0.02*					
*India, Dindigul, Ambilikkai	72	**1.5**	*0.18*	0.17	*0.02*					
*India, Karunagappally	13	**1.2**	*0.35*	0.14	*0.05*					
*India, Mizoram	26	**1.7**	*0.35*	0.23	*0.05*					
*India, Mumbai	239	**0.9**	*0.06*	0.10	*0.01*					
*India, New Delhi	246	**0.9**	*0.06*	0.10	*0.01*					
*India, Poona	71	**1.0**	*0.12*	0.12	*0.02*					
*India, Sikkim State	10	**1.0**	*0.32*	0.13	*0.05*					
*India, Trivandrum	12	**0.7**	*0.20*	0.07	*0.02*					
*Iran (Islamic Republic of), Golestan Province	0	**-**	-	–	-					
Israel	17	**0.1**	*0.02*	0.01	*0.00*					
*Israel: Jews	14	**0.1**	*0.02*	0.01	*0.00*					
*Israel: Non–Jews	3	**0.2**	*0.11*	0.02	*0.02*					
Japan, Aichi Prefecture	8	**0.1**	*0.04*	0.01	*0.01*					
Japan, Fukui Prefecture	9	**0.2**	*0.07*	0.02	*0.01*					
Japan, Hiroshima	21	**0.3**	*0.08*	0.03	*0.01*					
Japan, Miyagi Prefecture	31	**0.2**	*0.04*	0.02	*0.01*					
Japan, Nagasaki Prefecture	28	**0.4**	*0.08*	0.04	*0.01*					
Japan, Niigata Prefecture	30	**0.2**	*0.05*	0.02	*0.01*					
*Japan, Osaka Prefecture	83	**0.2**	*0.02*	0.02	*0.00*					
Japan, Saga Prefecture	21	**0.4**	*0.11*	0.03	*0.01*					
Republic of Korea	282	**0.2**	*0.01*	0.02	*0.00*					
Republic of Korea, Busan	24	**0.3**	*0.06*	0.02	*0.01*					
Republic of Korea, Daegu	11	**0.2**	*0.06*	0.02	*0.01*					
Republic of Korea, Daejeon	5	**0.1**	*0.06*	0.02	*0.01*					
Republic of Korea, Gwangju	6	**0.2**	*0.07*	0.02	*0.01*					
Republic of Korea, Incheon	9	**0.2**	*0.06*	0.02	*0.01*					
Republic of Korea, Jejudo	3	**0.3**	*0.16*	0.01	*0.01*					
Republic of Korea, Seoul	44	**0.2**	*0.03*	0.02	*0.00*					
Republic of Korea, Ulsan	8	**0.4**	*0.15*	0.08	*0.03*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Penis (C60) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	1	**0.1**	*0.06*	0.02	*0.02*					
*Kuwait: Kuwaitis	0	**-**	-	–	-					
*Kuwait: Non–Kuwaitis	1	**0.1**	*0.15*	0.04	*0.04*					
*Malaysia, Penang	9	**0.5**	*0.15*	0.05	*0.02*					
*Malaysia, Penang: Chinese	6	**0.5**	*0.19*	0.06	*0.03*					
*Malaysia, Penang: Indian	2	**1.3**	*0.95*	0.10	*0.10*					
*Malaysia, Penang: Malay	1	**0.2**	*0.18*	0.03	*0.03*					
*Philippines, Manila	37	**0.5**	*0.08*	0.04	*0.01*					
*Philippines, Rizal	32	**0.4**	*0.07*	0.04	*0.01*					
Qatar: Qatari	0	**-**	-	–	-					
*Saudi Arabia, Riyadh: Saudi	2	**0.1**	*0.04*	0.01	*0.01*					
Singapore	52	**0.5**	*0.07*	0.06	*0.01*					
Singapore: Chinese	43	**0.5**	*0.08*	0.06	*0.01*					
Singapore: Indian	3	**0.3**	*0.19*	0.03	*0.02*					
Singapore: Malay	2	**0.2**	*0.14*	0.04	*0.03*					
Thailand, Bangkok	64	**0.5**	*0.06*	0.05	*0.01*					
Thailand, Chiang Mai	70	**1.5**	*0.19*	0.17	*0.03*					
Thailand, Chonburi	32	**1.3**	*0.24*	0.16	*0.03*					
*Thailand, Khon Kaen	72	**1.6**	*0.19*	0.14	*0.02*					
Thailand, Lampang	26	**1.1**	*0.21*	0.13	*0.03*					
*Thailand, Songkhla	48	**1.8**	*0.26*	0.16	*0.03*					
*Turkey, Antalya	1	**0.0**	*0.03*	0.01	*0.01*					
*Turkey, Edirne	0	**-**	-	–	-					
*Turkey, Izmir	8	**0.1**	*0.03*	0.01	*0.01*					
*Turkey, Trabzon	0	**-**	-	–	-					
Europe										
Austria	249	**0.8**	*0.05*	0.08	*0.01*					
Austria, Tyrol	14	**0.6**	*0.15*	0.07	*0.02*					
Austria, Vorarlberg	5	**0.4**	*0.17*	0.05	*0.03*					
*Belarus	250	**0.8**	*0.06*	0.10	*0.01*					
*Belgium	286	**0.8**	*0.05*	0.08	*0.01*					
Bulgaria	228	**0.7**	*0.05*	0.08	*0.01*					
Croatia	114	**0.7**	*0.07*	0.08	*0.01*					
Cyprus	28	**1.1**	*0.22*	0.12	*0.03*					
Czech Republic	403	**1.0**	*0.05*	0.12	*0.01*					
Denmark	234	**1.0**	*0.07*	0.11	*0.01*					
*Estonia	44	**1.0**	*0.15*	0.11	*0.02*					
Finland	119	**0.6**	*0.05*	0.06	*0.01*					
*France, Bas–Rhin	42	**1.0**	*0.16*	0.09	*0.02*					
*France, Calvados	22	**0.7**	*0.16*	0.08	*0.02*					
*France, Doubs	18	**0.9**	*0.22*	0.10	*0.03*					
*France, Haut–Rhin	22	**0.7**	*0.16*	0.07	*0.02*					
*France, Hérault	37	**0.8**	*0.14*	0.08	*0.02*					
*France, Isère	22	**0.4**	*0.10*	0.05	*0.01*					
*France, Loire–Atlantique	19	**0.4**	*0.10*	0.05	*0.01*					
*France, Manche	19	**0.9**	*0.22*	0.10	*0.03*					
*France, Somme	19	**1.0**	*0.23*	0.10	*0.03*					
*France, Tarn	17	**0.7**	*0.21*	0.06	*0.03*					
*France, Vendée	10	**0.4**	*0.12*	0.04	*0.02*					
Germany, Brandenburg	126	**1.1**	*0.10*	0.11	*0.01*					
Germany, Bremen	23	**0.7**	*0.16*	0.09	*0.02*					
Germany, Free State of Saxony	177	**0.8**	*0.06*	0.10	*0.01*					
Germany, Hamburg	61	**0.8**	*0.10*	0.08	*0.01*					
Germany, Mecklenburg–Western Pomerania	93	**1.2**	*0.13*	0.13	*0.02*					
Germany, Munich	116	**0.7**	*0.06*	0.07	*0.01*					
Germany, North Rhine–Westphalia	94	**0.8**	*0.08*	0.10	*0.01*					
Germany, Saarland	46	**0.9**	*0.15*	0.11	*0.02*					
Germany, Schleswig–Holstein	134	**1.0**	*0.09*	0.11	*0.01*					
Iceland	11	**0.9**	*0.31*	0.11	*0.05*					
Ireland	111	**0.8**	*0.08*	0.10	*0.01*					
Italy, Biella	11	**1.0**	*0.32*	0.13	*0.05*					
Italy, Brescia	18	**0.5**	*0.12*	0.04	*0.01*					
Italy, Catania and Messina	56	**1.2**	*0.17*	0.13	*0.02*					
Italy, Catanzaro	9	**0.9**	*0.31*	0.12	*0.05*					
Italy, Como	9	**0.3**	*0.11*	0.04	*0.01*					
Italy, Ferrara	20	**1.0**	*0.26*	0.08	*0.03*					
Italy, Florence and Prato	28	**0.7**	*0.15*	0.09	*0.02*					
Italy, Friuli–Venezia Giulia	51	**0.8**	*0.12*	0.09	*0.02*					
Italy, Genoa	23	**0.5**	*0.13*	0.05	*0.02*					
Italy, Latina	30	**1.3**	*0.26*	0.16	*0.04*					
Italy, Lecco	8	**0.6**	*0.21*	0.05	*0.02*					
Italy, Lombardy, South	13	**0.5**	*0.15*	0.06	*0.02*					
Italy, Mantua	12	**1.1**	*0.34*	0.17	*0.05*					
Italy, Milan	21	**0.4**	*0.08*	0.04	*0.01*					
Italy, Modena	20	**0.6**	*0.14*	0.08	*0.02*					
Italy, Naples	18	**1.0**	*0.25*	0.12	*0.03*					
Italy, Nuoro	9	**1.0**	*0.33*	0.14	*0.05*					
Italy, Palermo	38	**1.0**	*0.16*	0.13	*0.02*					
Italy, Parma	11	**0.6**	*0.18*	0.06	*0.02*					
Italy, Ragusa	10	**0.8**	*0.28*	0.11	*0.04*					
Italy, Reggio Emilia	9	**0.4**	*0.15*	0.06	*0.02*					
Italy, Romagna	44	**0.7**	*0.12*	0.09	*0.02*					
Italy, Salerno	53	**1.0**	*0.16*	0.11	*0.02*					
Italy, Sassari	9	**0.5**	*0.16*	0.05	*0.02*					
Italy, Sondrio	5	**0.6**	*0.27*	0.06	*0.03*					
Italy, South Tyrol	10	**0.6**	*0.19*	0.06	*0.03*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Penis (C60) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	12	**0.8**	*0.24*	0.06	*0.02*					
Italy, Trapani	17	**1.1**	*0.28*	0.12	*0.04*					
Italy, Trento	15	**0.8**	*0.22*	0.09	*0.03*					
Italy, Turin	25	**0.5**	*0.11*	0.07	*0.02*					
Italy, Umbria	52	**1.1**	*0.17*	0.12	*0.02*					
Italy, Varese	18	**0.4**	*0.10*	0.04	*0.01*					
Italy, Veneto	54	**0.6**	*0.09*	0.07	*0.01*					
Latvia	64	**1.0**	*0.13*	0.13	*0.02*					
Lithuania	108	**1.0**	*0.10*	0.12	*0.01*					
Malta	15	**0.9**	*0.25*	0.12	*0.04*					
*The Netherlands	560	**0.8**	*0.04*	0.09	*0.01*					
*The Netherlands, Eindhoven	23	**0.6**	*0.12*	0.06	*0.02*					
Norway	197	**1.0**	*0.08*	0.12	*0.01*					
Poland, Cracow	21	**0.9**	*0.21*	0.09	*0.03*					
Poland, Kielce	39	**0.8**	*0.14*	0.09	*0.02*					
Poland, Lower Silesia	61	**0.7**	*0.09*	0.08	*0.01*					
Poland, Podkarpackie	48	**0.7**	*0.11*	0.09	*0.01*					
Portugal, Azores	7	**0.9**	*0.36*	0.09	*0.04*					
Russian Federation, Saint Petersburg	73	**0.5**	*0.06*	0.06	*0.01*					
*Serbia, Central	175	**0.8**	*0.06*	0.09	*0.01*					
Slovakia	147	**0.9**	*0.07*	0.10	*0.01*					
Slovenia	52	**0.7**	*0.09*	0.07	*0.01*					
Spain, Albacete	20	**1.1**	*0.27*	0.14	*0.04*					
Spain, Asturias	53	**1.0**	*0.15*	0.11	*0.02*					
Spain, Basque Country	101	**0.9**	*0.10*	0.10	*0.01*					
Spain, Canary Islands	51	**1.1**	*0.16*	0.12	*0.02*					
Spain, Ciudad Real	21	**1.2**	*0.28*	0.16	*0.04*					
Spain, Cuenca	20	**1.9**	*0.50*	0.25	*0.07*					
Spain, Girona	24	**0.8**	*0.18*	0.10	*0.03*					
*Spain, Granada	42	**1.2**	*0.20*	0.17	*0.03*					
Spain, La Rioja	11	**0.6**	*0.21*	0.05	*0.03*					
Spain, Mallorca	35	**1.1**	*0.20*	0.13	*0.03*					
Spain, Murcia	68	**1.3**	*0.17*	0.15	*0.02*					
Spain, Navarra	23	**0.8**	*0.19*	0.10	*0.03*					
Spain, Tarragona	44	**1.4**	*0.22*	0.15	*0.03*					
*Sweden	412	**1.0**	*0.05*	0.12	*0.01*					
Switzerland, Basel	12	**0.5**	*0.16*	0.05	*0.02*					
Switzerland, Geneva	19	**1.1**	*0.25*	0.12	*0.04*					
Switzerland, Graubünden and Glarus	10	**0.9**	*0.31*	0.09	*0.04*					
Switzerland, Neuchâtel	9	**1.4**	*0.48*	0.17	*0.07*					
Switzerland, St Gall–Appenzell	18	**0.8**	*0.19*	0.09	*0.03*					
Switzerland, Ticino	13	**0.8**	*0.24*	0.11	*0.04*					
Switzerland, Valais	6	**0.6**	*0.24*	0.07	*0.03*					
Switzerland, Vaud	24	**0.9**	*0.18*	0.09	*0.03*					
Switzerland, Zurich	36	**0.6**	*0.11*	0.07	*0.02*					
Ukraine	980	**0.6**	*0.02*	0.07	*0.00*					
UK, England	1870	**0.9**	*0.02*	0.11	*0.00*					
UK, England, East of England Region	193	**0.8**	*0.06*	0.09	*0.01*					
UK, England, North Western	276	**1.1**	*0.07*	0.12	*0.01*					
UK, England, Northern and Yorkshire	261	**1.0**	*0.06*	0.11	*0.01*					
UK, England, Oxford Region	91	**0.9**	*0.09*	0.10	*0.01*					
UK, England, South and Western Regions	291	**1.0**	*0.06*	0.11	*0.01*					
UK, England, Thames	320	**0.7**	*0.04*	0.09	*0.01*					
UK, England, Trent	128	**1.0**	*0.09*	0.12	*0.01*					
UK, England, West Midlands	229	**1.0**	*0.07*	0.13	*0.01*					
UK, Northern Ireland	78	**1.3**	*0.16*	0.15	*0.02*					
UK, Scotland	212	**1.0**	*0.07*	0.11	*0.01*					
UK, Wales	135	**1.1**	*0.10*	0.11	*0.01*					
Oceania										
Australian Capital Territory	1	**0.1**	*0.13*	0.02	*0.02*					
Australia, New South Wales	139	**0.5**	*0.05*	0.06	*0.01*					
Australia, Northern Territory	1	**0.1**	*0.14*	0.01	*0.01*					
Australia, Northern Territory: Indigenous	0	**-**	-	–	-					
Australia, Northern Territory: Non–Indigenous	1	**0.2**	*0.18*	0.01	*0.01*					
Australia, Queensland	68	**0.5**	*0.06*	0.05	*0.01*					
South Australia	30	**0.4**	*0.08*	0.03	*0.01*					
Australia, Tasmania	7	**0.3**	*0.12*	0.02	*0.01*					
Australia, Victoria	87	**0.4**	*0.05*	0.04	*0.01*					
Western Australia	39	**0.6**	*0.09*	0.06	*0.01*					
New Zealand	59	**0.4**	*0.05*	0.04	*0.01*					
New Zealand: Maori	0	**-**	-	–	-					
New Zealand: Pacific Islander	2	**0.5**	*0.34*	0.05	*0.04*					
New Zealand: Other	57	**0.4**	*0.06*	0.05	*0.01*					
USA, Hawaii	19	**0.3**	*0.08*	0.03	*0.01*					
*USA, Hawaii: Chinese	1	**0.3**	*0.34*	0.09	*0.09*					
*USA, Hawaii: Filipino	3	**0.4**	*0.24*	0.02	*0.02*					
*USA, Hawaii: Hawaiian	4	**0.6**	*0.32*	0.07	*0.04*					
*USA, Hawaii: Japanese	2	**0.2**	*0.12*	0.02	*0.02*					
*USA, Hawaii: White	9	**0.5**	*0.17*	0.04	*0.03*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Prostate (C61)

	Male					Female			
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74
Africa									
*Algeria, Sétif	139	**5.4**	*0.49*	–	-				
Egypt, Gharbiah	425	**7.6**	*0.37*	0.91	*0.06*				
*Libya, Benghazi	162	**14.7**	*1.17*	1.74	*0.20*				
*Malawi, Blantyre	122	**15.7**	*1.60*	2.01	*0.26*				
*South Africa, PROMEC	105	**6.2**	*0.62*	0.69	*0.09*				
*Tunisia, North	808	**11.4**	*0.41*	1.32	*0.06*				
*Uganda, Kyadondo County	357	**42.5**	*2.37*	5.36	*0.41*				
*Zimbabwe, Harare: African	420	**62.4**	*3.12*	6.91	*0.46*				
America, Central and South									
Argentina, Bahía Blanca	450	**45.4**	*2.33*	6.09	*0.38*				
Argentina, Córdoba	1241	**43.8**	*1.27*	5.63	*0.20*				
Argentina, Mendoza	2013	**42.5**	*0.98*	5.23	*0.15*				
*Argentina, Tierra del Fuego	35	**24.8**	*4.32*	3.31	*0.69*				
Brazil, Aracaju	759	**143.0**	*5.32*	17.56	*0.86*				
Brazil, Belo Horizonte	3289	**135.2**	*2.38*	17.24	*0.38*				
Brazil, Cuiabá	831	**110.1**	*3.96*	12.79	*0.60*				
Brazil, Fortaleza	1553	**56.9**	*1.47*	6.49	*0.23*				
Brazil, Goiânia	2835	**157.4**	*2.99*	20.23	*0.48*				
*Brazil, São Paulo	18592	**90.1**	*0.71*	11.24	*0.11*				
Chile, Region of Antofagasta	406	**39.4**	*1.98*	4.43	*0.31*				
Chile, Bío Bío Province	550	**53.0**	*2.29*	5.94	*0.35*				
Chile, Valdivia	685	**65.4**	*2.55*	7.86	*0.40*				
Colombia, Bucaramanga	1030	**50.5**	*1.61*	6.45	*0.26*				
Colombia, Cali	2734	**66.9**	*1.32*	8.58	*0.21*				
Colombia, Manizales	292	**32.0**	*1.91*	4.07	*0.31*				
Colombia, Pasto	203	**27.0**	*1.94*	3.15	*0.30*				
Costa Rica	4567	**53.9**	*0.82*	6.67	*0.13*				
Cuba, Villa Clara	741	**24.2**	*0.94*	2.89	*0.16*				
Ecuador, Cuenca	333	**34.7**	*2.03*	3.97	*0.32*				
Ecuador, Quito	1550	**54.2**	*1.44*	6.81	*0.23*				
*France, Martinique	2595	**177.8**	*3.63*	23.34	*0.57*				
*Jamaica, Kingston and St Andrew	1063	**77.4**	*2.45*	10.15	*0.40*				
USA, Puerto Rico	14610	**105.6**	*0.90*	13.80	*0.14*				
Uruguay	4287	**60.1**	*0.96*	7.58	*0.15*				
America, North									
Canada	107358	**88.6**	*0.28*	11.81	*0.04*				
Canada, Alberta	10281	**98.2**	*1.00*	13.18	*0.16*				
Canada, British Columbia	14333	**82.2**	*0.71*	10.88	*0.11*				
Canada, Manitoba	3477	**78.0**	*1.39*	10.30	*0.22*				
Canada, New Brunswick	3222	**107.3**	*1.94*	14.69	*0.31*				
Canada, Newfoundland and Labrador	1666	**80.7**	*2.01*	11.19	*0.32*				
*Canada, Northwest Territories	70	**82.6**	*10.26*	11.18	*1.70*				
Canada, Nova Scotia	3969	**103.5**	*1.69*	13.97	*0.27*				
Canada, Ontario	44308	**97.7**	*0.48*	13.26	*0.08*				
Canada, Prince Edward Island	687	**125.2**	*4.89*	16.84	*0.75*				
*Canada, Quebec	21023	**70.6**	*0.50*	8.92	*0.08*				
Canada, Saskatchewan	4263	**107.2**	*1.75*	14.58	*0.28*				
*Canada, Yukon	59	**66.2**	*8.87*	8.16	*1.39*				
USA, NPCR (42 states)	932757	**105.0**	*0.11*	14.28	*0.02*				
USA, NPCR (42 states): American Indian	3269	**53.9**	*0.96*	7.22	*0.16*				
USA, NPCR (42 states): Asian and Pacific Islander	12415	**41.9**	*0.38*	5.70	*0.06*				
USA, NPCR (42 states): Black	126096	**162.3**	*0.47*	21.75	*0.07*				
USA, NPCR (42 states): White	758823	**97.8**	*0.12*	13.36	*0.02*				
USA, SEER (9 registries)	101855	**112.7**	*0.37*	15.28	*0.06*				
*USA, SEER (9 registries): Black	12884	**178.6**	*1.62*	24.09	*0.26*				
*USA, SEER (9 registries): White	80703	**109.2**	*0.40*	14.87	*0.06*				
USA, SEER (18 registries)	277465	**106.8**	*0.21*	14.46	*0.03*				
*USA, SEER (18 registries): Asian and Pacific Islander	12326	**57.6**	*0.54*	7.78	*0.09*				
*USA, SEER (18 registries): Black	36233	**168.3**	*0.90*	22.60	*0.14*				
*USA, SEER (18 registries): Hispanic White	21346	**85.7**	*0.60*	11.70	*0.10*				
*USA, SEER (18 registries): Non–Hispanic White	197676	**104.3**	*0.24*	14.17	*0.04*				
*USA, SEER (18 registries): White	219022	**101.9**	*0.23*	13.85	*0.04*				
USA, Alabama	17218	**107.1**	*0.84*	14.43	*0.13*				
USA, Alabama: Black	4673	**165.5**	*2.49*	22.18	*0.39*				
USA, Alabama: White	12032	**91.6**	*0.86*	12.43	*0.13*				
USA, Alaska	1717	**98.5**	*2.45*	13.24	*0.40*				
*USA, Alaska: American Indian	108	**45.9**	*4.51*	5.66	*0.67*				
USA, Arizona	18225	**89.0**	*0.69*	12.40	*0.11*				
USA, Arizona: American Indian	255	**44.0**	*2.81*	5.92	*0.46*				
USA, Arizona: Asian and Pacific Islander	120	**38.6**	*3.57*	5.47	*0.59*				
USA, Arizona: Black	539	**112.1**	*4.93*	15.38	*0.77*				
USA, Arizona: White	16091	**84.5**	*0.70*	11.76	*0.11*				
USA, Arkansas	11266	**108.9**	*1.06*	15.00	*0.17*				
USA, Arkansas: Black	1442	**149.2**	*4.07*	19.88	*0.64*				
USA, Arkansas: White	9591	**103.3**	*1.09*	14.31	*0.17*				
USA, California	108603	**100.8**	*0.32*	13.67	*0.05*				
USA, California: American Indian	313	**30.3**	*1.75*	3.99	*0.28*				
USA, California: Asian and Pacific Islander	7119	**52.0**	*0.64*	7.18	*0.11*				
USA, California: Black	9245	**153.3**	*1.63*	20.45	*0.25*				
USA, California: White	85989	**99.0**	*0.35*	13.50	*0.06*				
USA, California, Los Angeles County	26668	**97.7**	*0.62*	13.18	*0.10*				
*USA, California, Los Angeles County: Asian and Pacific Islander	2520	**57.0**	*1.18*	7.71	*0.19*				
*USA, California, Los Angeles County: Black	3799	**149.2**	*2.46*	19.73	*0.37*				
*USA, California, Los Angeles County: Chinese	709	**51.6**	*2.06*	6.74	*0.33*				
*USA, California, Los Angeles County: Filipino	770	**90.7**	*3.41*	12.22	*0.54*				
*USA, California, Los Angeles County: Hispanic White	5526	**82.2**	*1.14*	11.17	*0.19*				

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Prostate (C61) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	418	**70.0**	*4.17*	8.88	*0.60*					
*USA, California, Los Angeles County: Korean	216	**35.9**	*2.48*	5.17	*0.44*					
*USA, California, Los Angeles County: Non−Hispanic White	12841	**98.7**	*0.92*	13.46	*0.14*					
*USA, California, Los Angeles County: White	18367	**92.1**	*0.71*	12.58	*0.11*					
USA, California, San Francisco Bay Area	15062	**108.6**	*0.92*	14.95	*0.15*					
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	1864	**60.6**	*1.47*	8.52	*0.24*					
*USA, California, San Francisco Bay Area: Black	1800	**157.6**	*3.81*	21.19	*0.59*					
*USA, California, San Francisco Bay Area: Hispanic White	1194	**93.7**	*2.81*	12.92	*0.46*					
*USA, California, San Francisco Bay Area: Non−Hispanic White	9552	**114.4**	*1.22*	15.82	*0.20*					
*USA, California, San Francisco Bay Area: White	10746	**111.5**	*1.12*	15.43	*0.18*					
USA, Colorado	15444	**109.1**	*0.90*	14.85	*0.14*					
USA, Colorado: Asian and Pacific Islander	95	**38.1**	*4.00*	5.25	*0.67*					
USA, Colorado: Black	692	**160.5**	*6.28*	21.49	*0.96*					
USA, Colorado: White	13723	**103.0**	*0.90*	14.09	*0.14*					
USA, Connecticut	13884	**112.9**	*1.00*	15.39	*0.16*					
*USA, Connecticut: Black	1247	**164.7**	*4.74*	22.90	*0.75*					
*USA, Connecticut: White	12351	**109.1**	*1.03*	14.86	*0.16*					
USA, Delaware	3810	**126.6**	*2.12*	17.24	*0.33*					
USA, Delaware: Black	816	**206.7**	*7.35*	27.90	*1.14*					
USA, Delaware: White	2905	**112.7**	*2.17*	15.46	*0.34*					
USA, Florida	71625	**97.9**	*0.39*	13.70	*0.06*					
USA, Florida: Asian and Pacific Islander	244	**24.2**	*1.56*	3.39	*0.26*					
USA, Florida: Black	9286	**152.7**	*1.61*	20.81	*0.25*					
USA, Florida: White	60598	**91.4**	*0.40*	12.84	*0.06*					
USA, Georgia	28926	**112.7**	*0.67*	15.20	*0.11*					
USA, Georgia: Asian and Pacific Islander	147	**31.2**	*2.62*	3.82	*0.40*					
USA, Georgia: Black	9233	**179.3**	*1.92*	24.04	*0.30*					
USA, Georgia: White	19220	**96.1**	*0.71*	13.06	*0.11*					
USA, Georgia, Atlanta	9577	**123.3**	*1.29*	16.75	*0.21*					
*USA, Georgia, Atlanta: Black	3899	**192.2**	*3.22*	26.00	*0.52*					
*USA, Georgia, Atlanta: White	5444	**101.6**	*1.41*	13.84	*0.23*					
USA, Idaho	5378	**109.0**	*1.54*	14.51	*0.25*					
USA, Illinois	43663	**107.1**	*0.53*	14.53	*0.08*					
USA, Illinois: Asian and Pacific Islander	398	**30.7**	*1.56*	4.25	*0.26*					
USA, Illinois: Black	7334	**164.8**	*1.96*	21.78	*0.30*					
USA, Illinois: White	34298	**98.4**	*0.55*	13.41	*0.09*					
USA, Indiana	19462	**92.1**	*0.68*	12.48	*0.11*					
USA, Indiana: Black	1716	**139.2**	*3.44*	18.93	*0.54*					
USA, Indiana: White	17009	**86.4**	*0.69*	11.73	*0.11*					
USA, Iowa	10839	**96.8**	*0.98*	13.02	*0.15*					
USA, Kentucky	13961	**95.2**	*0.83*	12.78	*0.13*					
USA, Louisiana	13591	**119.0**	*1.05*	16.15	*0.17*					
*USA, Louisiana: Black	4257	**165.2**	*2.59*	22.44	*0.41*					
*USA, Louisiana: White	9171	**105.4**	*1.14*	14.30	*0.18*					
*USA, Louisiana, New Orleans	2219	**99.1**	*2.18*	13.55	*0.35*					
*USA, Louisiana, New Orleans: Black	892	**137.9**	*4.73*	18.77	*0.75*					
*USA, Louisiana, New Orleans: White	1266	**82.0**	*2.42*	11.20	*0.39*					
USA, Maine	5975	**112.9**	*1.51*	15.36	*0.24*					
USA, Massachusetts	25363	**115.2**	*0.75*	15.70	*0.12*					
USA, Massachusetts: Asian and Pacific Islander	229	**37.8**	*2.53*	5.68	*0.44*					
USA, Massachusetts: Black	1543	**170.7**	*4.45*	23.08	*0.70*					
USA, Massachusetts: White	22697	**111.1**	*0.77*	15.15	*0.12*					
USA, Michigan	41433	**118.5**	*0.60*	15.90	*0.10*					
USA, Michigan: Asian and Pacific Islander	146	**31.8**	*2.67*	4.09	*0.42*					
USA, Michigan: Black	6113	**178.7**	*2.36*	23.99	*0.37*					
USA, Michigan: White	32380	**104.8**	*0.60*	14.15	*0.10*					
USA, Michigan, Detroit	17477	**132.4**	*1.04*	17.72	*0.17*					
*USA, Michigan, Detroit: Black	4794	**191.7**	*2.86*	25.77	*0.45*					
*USA, Michigan, Detroit: White	11760	**113.1**	*1.09*	15.14	*0.17*					
USA, Mississippi	11005	**117.4**	*1.15*	16.02	*0.18*					
USA, Missouri	19013	**93.5**	*0.70*	12.87	*0.11*					
USA, Missouri: Black	2066	**139.9**	*3.15*	18.48	*0.48*					
USA, Missouri: White	16571	**88.9**	*0.71*	12.30	*0.11*					
USA, Montana	4340	**117.7**	*1.85*	16.19	*0.29*					
USA, Montana: American Indian	116	**96.8**	*9.18*	11.85	*1.34*					
USA, Nebraska	6633	**106.2**	*1.37*	14.19	*0.22*					
USA, Nebraska: Black	207	**140.5**	*9.98*	19.49	*1.58*					
USA, Nebraska: White	6202	**103.2**	*1.38*	13.84	*0.22*					
USA, New Hampshire	4979	**107.9**	*1.57*	14.77	*0.25*					
USA, New Jersey	35070	**118.3**	*0.66*	16.10	*0.10*					
*USA, New Jersey: Black	5224	**176.2**	*2.47*	23.84	*0.38*					
*USA, New Jersey: White	27545	**109.9**	*0.69*	14.98	*0.11*					
USA, New Mexico	6596	**99.4**	*1.26*	13.72	*0.20*					
*USA, New Mexico: Hispanic White	1820	**87.3**	*2.11*	11.96	*0.34*					
*USA, New Mexico: Non−Hispanic White	4435	**111.7**	*1.74*	15.50	*0.27*					
*USA, New Mexico: White	6255	**103.2**	*1.35*	14.28	*0.21*					
USA, New York State	75061	**113.9**	*0.43*	15.42	*0.07*					
USA, New York State: Asian and Pacific Islander	1119	**32.1**	*0.97*	4.37	*0.16*					
USA, New York State: Black	14283	**176.2**	*1.50*	23.64	*0.23*					
USA, New York State: White	57579	**106.2**	*0.46*	14.38	*0.07*					
USA, North Carolina	31637	**109.9**	*0.63*	14.97	*0.10*					
USA, North Carolina: American Indian	309	**116.3**	*6.71*	16.20	*1.10*					
USA, North Carolina: Asian and Pacific Islander	81	**28.8**	*3.25*	4.33	*0.57*					
USA, North Carolina: Black	7934	**176.5**	*2.03*	23.62	*0.32*					
USA, North Carolina: White	22981	**96.5**	*0.65*	13.25	*0.10*					
USA, North Dakota	2733	**114.5**	*2.32*	15.75	*0.37*					
USA, Ohio	40283	**98.8**	*0.51*	13.38	*0.08*					
USA, Ohio: Asian and Pacific Islander	84	**23.3**	*2.56*	3.14	*0.41*					
USA, Ohio: Black	5106	**152.8**	*2.20*	20.83	*0.34*					
USA, Ohio: White	33187	**90.1**	*0.51*	12.26	*0.08*					

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Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Prostate (C61) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	12908	**99.2**	*0.91*	13.13	*0.14*					
USA, Oklahoma: American Indian	762	**101.0**	*3.72*	13.64	*0.61*					
USA, Oklahoma: Black	947	**156.5**	*5.21*	20.54	*0.82*					
USA, Oklahoma: White	10894	**94.5**	*0.94*	12.54	*0.15*					
USA, Oregon	13362	**100.3**	*0.90*	13.78	*0.15*					
USA, Oregon: Asian and Pacific Islander	115	**38.4**	*3.65*	5.74	*0.64*					
USA, Oregon: Black	200	**122.3**	*8.95*	15.44	*1.35*					
USA, Oregon: White	12444	**97.5**	*0.91*	13.38	*0.15*					
USA, Pennsylvania	51484	**108.7**	*0.50*	14.77	*0.08*					
USA, Pennsylvania: Asian and Pacific Islander	212	**34.2**	*2.37*	4.37	*0.37*					
USA, Pennsylvania: Black	5414	**172.0**	*2.40*	22.93	*0.37*					
USA, Pennsylvania: White	43929	**100.7**	*0.51*	13.73	*0.08*					
USA, Rhode Island	3947	**105.1**	*1.76*	14.09	*0.28*					
USA, Rhode Island: Black	167	**128.9**	*10.34*	17.19	*1.59*					
USA, Rhode Island: White	3557	**100.4**	*1.77*	13.50	*0.28*					
USA, South Carolina	17229	**115.9**	*0.90*	15.70	*0.14*					
USA, South Carolina: Black	5328	**176.3**	*2.47*	23.89	*0.39*					
USA, South Carolina: White	11560	**98.4**	*0.94*	13.36	*0.15*					
USA, South Dakota	3293	**109.2**	*2.01*	14.79	*0.32*					
USA, Tennessee	19226	**92.2**	*0.68*	12.50	*0.11*					
USA, Tennessee: Black	2956	**138.3**	*2.62*	18.36	*0.41*					
USA, Tennessee: White	16036	**86.5**	*0.70*	11.79	*0.11*					
USA, Texas	63373	**96.9**	*0.40*	13.07	*0.06*					
USA, Texas: Asian and Pacific Islander	437	**27.5**	*1.33*	3.53	*0.22*					
USA, Texas: Black	8299	**147.1**	*1.66*	19.43	*0.26*					
USA, Texas: White	51844	**89.7**	*0.41*	12.14	*0.06*					
USA, Utah	7784	**121.8**	*1.43*	16.69	*0.23*					
USA, Vermont	2515	**106.9**	*2.19*	14.60	*0.35*					
USA, Virginia	26968	**109.7**	*0.68*	14.83	*0.11*					
USA, Virginia: Asian and Pacific Islander	305	**37.8**	*2.19*	5.05	*0.35*					
USA, Virginia: Black	6139	**169.2**	*2.21*	22.60	*0.34*					
USA, Virginia: White	19692	**98.1**	*0.72*	13.36	*0.11*					
USA, Washington State	23150	**108.8**	*0.74*	14.76	*0.12*					
USA, Washington, Seattle	16402	**114.8**	*0.93*	15.59	*0.15*					
USA, West Virginia	7003	**92.3**	*1.14*	12.29	*0.18*					
USA, Wisconsin	20800	**106.7**	*0.77*	14.51	*0.12*					
USA, Wisconsin: Black	1016	**178.2**	*5.77*	24.07	*0.89*					
USA, Wisconsin: White	19174	**102.7**	*0.77*	14.00	*0.12*					
USA, Wyoming	2171	**116.2**	*2.57*	15.97	*0.41*					
Asia										
Bahrain: Bahraini	89	**13.7**	*1.46*	1.77	*0.24*					
China, Beijing City	2366	**7.0**	*0.15*	0.76	*0.02*					
*China, Cixian County	17	**2.1**	*0.61*	0.10	*0.04*					
China, Haining County	68	**3.2**	*0.41*	0.35	*0.06*					
*China, Harbin City, Nangang District	103	**3.5**	*0.37*	0.34	*0.05*					
China, Hong Kong	5038	**18.6**	*0.27*	2.34	*0.04*					
China, Jiashan County	44	**2.8**	*0.45*	0.33	*0.07*					
China, Jiaxing City	70	**6.0**	*0.76*	0.59	*0.10*					
China, Macao	361	**30.8**	*1.68*	3.54	*0.28*					
China, Qidong County	159	**3.3**	*0.27*	0.34	*0.04*					
*China, Shanghai City	3367	**10.5**	*0.19*	1.15	*0.03*					
*China, Wuhan City	787	**5.5**	*0.20*	0.54	*0.03*					
*China, Yangcheng County	6	**0.8**	*0.33*	0.11	*0.06*					
*China, Yanting County	13	**0.9**	*0.27*	0.13	*0.04*					
*China, Zhongshan City	164	**5.8**	*0.46*	0.63	*0.07*					
*India, Bangalore	556	**9.0**	*0.38*	1.03	*0.06*					
*India; Barshi, Paranda, and Bhum	26	**1.6**	*0.33*	0.18	*0.05*					
*India, Bhopal	109	**5.8**	*0.56*	0.75	*0.09*					
*India, Chennai	489	**5.1**	*0.23*	0.63	*0.04*					
*India, Dindigul, Ambilikkai	32	**0.7**	*0.13*	0.12	*0.02*					
*India, Karunagappally	44	**4.2**	*0.63*	0.56	*0.10*					
*India, Mizoram	40	**2.8**	*0.45*	0.29	*0.07*					
*India, Mumbai	1480	**7.1**	*0.18*	0.73	*0.03*					
*India, New Delhi	2068	**10.1**	*0.22*	1.21	*0.03*					
*India, Poona	446	**6.9**	*0.33*	0.71	*0.05*					
*India, Sikkim State	11	**1.3**	*0.40*	0.22	*0.07*					
*India, Trivandrum	129	**8.2**	*0.73*	0.94	*0.11*					
*Iran (Islamic Republic of), Golestan Province	172	**10.6**	*0.85*	1.20	*0.12*					
Israel	12304	**65.0**	*0.62*	8.68	*0.10*					
*Israel: Jews	11779	**68.3**	*0.67*	9.15	*0.11*					
*Israel: Non–Jews	525	**34.1**	*1.50*	4.34	*0.25*					
Japan, Aichi Prefecture	2267	**34.8**	*0.74*	4.53	*0.12*					
Japan, Fukui Prefecture	1494	**27.7**	*0.78*	3.46	*0.12*					
Japan, Hiroshima	2769	**47.0**	*0.92*	6.02	*0.15*					
Japan, Miyagi Prefecture	5969	**44.1**	*0.60*	5.90	*0.10*					
Japan, Nagasaki Prefecture	3916	**40.4**	*0.70*	5.14	*0.11*					
Japan, Niigata Prefecture	3266	**20.1**	*0.38*	2.59	*0.06*					
*Japan, Osaka Prefecture	8193	**16.3**	*0.18*	1.93	*0.03*					
Japan, Saga Prefecture	1328	**24.1**	*0.72*	3.00	*0.12*					
Republic of Korea	19678	**16.5**	*0.12*	2.01	*0.02*					
Republic of Korea, Busan	1294	**15.2**	*0.45*	1.83	*0.06*					
Republic of Korea, Daegu	795	**15.0**	*0.56*	1.78	*0.08*					
Republic of Korea, Daejeon	503	**17.8**	*0.81*	2.14	*0.12*					
Republic of Korea, Gwangju	570	**20.7**	*0.90*	2.34	*0.13*					
Republic of Korea, Incheon	688	**13.6**	*0.53*	1.69	*0.08*					
Republic of Korea, Jejudo	196	**17.6**	*1.27*	2.25	*0.20*					
Republic of Korea, Seoul	4974	**22.7**	*0.33*	2.77	*0.05*					
Republic of Korea, Ulsan	247	**15.1**	*1.02*	1.76	*0.15*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Prostate (C61) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	275	**13.3**	*0.88*	1.62	*0.14*					
*Kuwait: Kuwaitis	145	**14.9**	*1.24*	1.81	*0.20*					
*Kuwait: Non−Kuwaitis	130	**12.5**	*1.46*	1.50	*0.19*					
*Malaysia, Penang	290	**15.0**	*0.89*	1.78	*0.14*					
*Malaysia, Penang: Chinese	222	**17.7**	*1.19*	2.08	*0.19*					
*Malaysia, Penang: Indian	18	**11.3**	*2.73*	1.03	*0.37*					
*Malaysia, Penang: Malay	48	**8.5**	*1.24*	1.08	*0.20*					
*Philippines, Manila	1833	**32.8**	*0.79*	3.63	*0.12*					
*Philippines, Rizal	1875	**31.4**	*0.74*	3.43	*0.11*					
Qatar: Qatari	27	**10.4**	*2.15*	1.18	*0.31*					
*Saudi Arabia, Riyadh: Saudi	322	**7.9**	*0.45*	1.00	*0.07*					
Singapore	2190	**24.2**	*0.52*	3.03	*0.08*					
Singapore: Chinese	1856	**25.6**	*0.60*	3.22	*0.09*					
Singapore: Indian	117	**15.9**	*1.54*	2.02	*0.25*					
Singapore: Malay	171	**17.9**	*1.43*	1.99	*0.21*					
Thailand, Bangkok	1501	**12.6**	*0.33*	1.41	*0.05*					
Thailand, Chiang Mai	270	**5.8**	*0.37*	0.69	*0.06*					
Thailand, Chonburi	189	**8.1**	*0.59*	0.85	*0.09*					
*Thailand, Khon Kaen	119	**3.1**	*0.29*	0.32	*0.04*					
Thailand, Lampang	160	**6.4**	*0.52*	0.65	*0.07*					
*Thailand, Songkhla	181	**7.1**	*0.54*	0.77	*0.08*					
*Turkey, Antalya	1193	**34.9**	*1.02*	4.38	*0.15*					
*Turkey, Edirne	175	**17.1**	*1.31*	2.04	*0.20*					
*Turkey, Izmir	3256	**36.3**	*0.64*	4.59	*0.10*					
*Turkey, Trabzon	311	**27.3**	*1.59*	3.41	*0.24*					
Europe										
Austria	27867	**83.1**	*0.51*	11.05	*0.08*					
Austria, Tyrol	2423	**92.1**	*1.91*	12.33	*0.29*					
Austria, Vorarlberg	1834	**140.4**	*3.33*	19.65	*0.52*					
*Belarus	8749	**27.7**	*0.31*	3.47	*0.05*					
*Belgium	37709	**101.1**	*0.55*	13.43	*0.08*					
Bulgaria	7699	**19.8**	*0.24*	2.43	*0.04*					
Croatia	7585	**39.5**	*0.47*	4.84	*0.07*					
Cyprus	1662	**57.6**	*1.49*	7.35	*0.24*					
Czech Republic	23266	**56.5**	*0.38*	7.23	*0.06*					
Denmark	17315	**69.0**	*0.54*	8.87	*0.09*					
*Estonia	3454	**69.5**	*1.22*	9.08	*0.19*					
Finland	23663	**102.2**	*0.68*	13.11	*0.11*					
*France, Bas−Rhin	5317	**132.1**	*1.87*	17.85	*0.30*					
*France, Calvados	2911	**110.3**	*2.16*	15.33	*0.35*					
*France, Doubs	2754	**130.7**	*2.61*	17.57	*0.41*					
*France, Haut−Rhin	3688	**125.4**	*2.14*	17.39	*0.34*					
*France, Hérault	5386	**119.4**	*1.74*	16.26	*0.27*					
*France, Isère	5680	**125.6**	*1.73*	17.24	*0.28*					
*France, Loire−Atlantique	6211	**136.3**	*1.82*	18.95	*0.29*					
*France, Manche	2814	**116.4**	*2.39*	15.77	*0.37*					
*France, Somme	2656	**120.0**	*2.47*	16.66	*0.39*					
*France, Tarn	2349	**117.3**	*2.66*	15.54	*0.40*					
*France, Vendée	3191	**108.9**	*2.07*	15.19	*0.32*					
Germany, Brandenburg	10341	**81.0**	*0.82*	10.78	*0.12*					
Germany, Bremen	2374	**68.8**	*1.46*	8.93	*0.23*					
Germany, Free State of Saxony	15665	**67.5**	*0.56*	8.80	*0.08*					
Germany, Hamburg	5942	**75.6**	*1.01*	10.16	*0.16*					
Germany, Mecklenburg−Western Pomerania	6438	**78.2**	*1.00*	10.55	*0.15*					
Germany, Munich	14965	**82.5**	*0.69*	10.87	*0.11*					
Germany, North Rhine−Westphalia	9711	**79.6**	*0.84*	10.74	*0.13*					
Germany, Saarland	4183	**75.9**	*1.22*	10.25	*0.19*					
Germany, Schleswig−Holstein	12512	**85.8**	*0.79*	11.27	*0.12*					
Iceland	1070	**98.9**	*3.19*	13.14	*0.52*					
Ireland	12490	**92.2**	*0.84*	12.19	*0.13*					
Italy, Biella	760	**69.6**	*2.70*	9.29	*0.41*					
Italy, Brescia	3006	**77.6**	*1.46*	10.45	*0.23*					
Italy, Catania and Messina	2110	**44.0**	*1.02*	5.90	*0.16*					
Italy, Catanzaro	537	**44.6**	*2.07*	5.90	*0.33*					
Italy, Como	1935	**73.5**	*1.72*	10.46	*0.27*					
Italy, Ferrara	1539	**70.3**	*1.93*	9.49	*0.30*					
Italy, Florence and Prato	2282	**52.9**	*1.20*	6.84	*0.19*					
Italy, Friuli−Venezia Giulia	5785	**86.4**	*1.19*	11.80	*0.19*					
Italy, Genoa	3057	**68.5**	*1.34*	9.33	*0.21*					
Italy, Latina	1121	**44.5**	*1.39*	5.96	*0.22*					
Italy, Lecco	1114	**70.8**	*2.19*	9.62	*0.35*					
Italy, Lombardy, South	1449	**60.8**	*1.67*	7.87	*0.26*					
Italy, Mantua	744	**62.9**	*2.42*	8.95	*0.38*					
Italy, Milan	4069	**72.6**	*1.20*	10.10	*0.19*					
Italy, Modena	2982	**89.3**	*1.73*	12.82	*0.27*					
Italy, Naples	693	**37.5**	*1.46*	4.95	*0.23*					
Italy, Nuoro	501	**41.2**	*1.94*	5.82	*0.32*					
Italy, Palermo	1934	**40.7**	*0.99*	5.22	*0.16*					
Italy, Parma	1436	**61.1**	*1.74*	8.31	*0.27*					
Italy, Ragusa	707	**43.4**	*1.77*	5.56	*0.29*					
Italy, Reggio Emilia	1721	**67.9**	*1.75*	9.47	*0.28*					
Italy, Romagna	4867	**72.4**	*1.12*	9.89	*0.18*					
Italy, Salerno	2173	**40.5**	*0.93*	5.30	*0.15*					
Italy, Sassari	1212	**52.6**	*1.57*	6.77	*0.25*					
Italy, Sondrio	689	**77.9**	*3.08*	10.70	*0.49*					
Italy, South Tyrol	1486	**90.6**	*2.44*	12.33	*0.38*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Prostate (C61) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	767	**37.6**	*1.44*	4.79	*0.23*					
Italy, Trapani	628	**33.1**	*1.43*	4.16	*0.22*					
Italy, Trento	1060	**55.0**	*1.77*	7.65	*0.29*					
Italy, Turin	3661	**68.5**	*1.21*	9.22	*0.19*					
Italy, Umbria	3251	**61.3**	*1.17*	8.45	*0.19*					
Italy, Varese	3580	**84.6**	*1.47*	11.31	*0.23*					
Italy, Veneto	6684	**74.6**	*0.95*	10.32	*0.15*					
Latvia	3433	**52.0**	*0.91*	6.69	*0.14*					
Lithuania	12773	**108.0**	*0.98*	14.57	*0.15*					
Malta	700	**42.7**	*1.66*	5.29	*0.26*					
*The Netherlands	45916	**68.4**	*0.33*	9.21	*0.05*					
*The Netherlands, Eindhoven	2998	**68.8**	*1.28*	9.13	*0.20*					
Norway	19266	**98.5**	*0.75*	12.91	*0.12*					
Poland, Cracow	802	**35.8**	*1.30*	4.61	*0.20*					
Poland, Kielce	1644	**32.8**	*0.85*	3.96	*0.13*					
Poland, Lower Silesia	2548	**26.6**	*0.55*	3.41	*0.08*					
Poland, Podkarpackie	2282	**32.5**	*0.71*	3.97	*0.11*					
Portugal, Azores	572	**69.6**	*3.04*	8.96	*0.47*					
Russian Federation, Saint Petersburg	3498	**23.1**	*0.40*	3.02	*0.06*					
*Serbia, Central	5792	**21.0**	*0.29*	2.66	*0.04*					
Slovakia	6660	**38.7**	*0.49*	4.79	*0.08*					
Slovenia	4394	**54.8**	*0.84*	7.14	*0.13*					
Spain, Albacete	1211	**64.2**	*2.04*	8.67	*0.32*					
Spain, Asturias	3644	**63.7**	*1.15*	8.73	*0.18*					
Spain, Basque Country	7608	**73.8**	*0.89*	10.16	*0.14*					
Spain, Canary Islands	3069	**66.6**	*1.23*	9.10	*0.19*					
Spain, Ciudad Real	1077	**52.5**	*1.80*	7.13	*0.29*					
Spain, Cuenca	842	**61.1**	*2.50*	7.83	*0.38*					
Spain, Girona	2156	**73.1**	*1.70*	9.71	*0.27*					
*Spain, Granada	1619	**44.1**	*1.18*	6.14	*0.19*					
Spain, La Rioja	1090	**70.9**	*2.35*	9.61	*0.37*					
Spain, Mallorca	2038	**67.4**	*1.57*	9.16	*0.25*					
Spain, Murcia	3169	**61.2**	*1.16*	7.93	*0.18*					
Spain, Navarra	1743	**64.2**	*1.64*	9.00	*0.26*					
Spain, Tarragona	2146	**65.3**	*1.51*	8.74	*0.24*					
*Sweden	47392	**107.6**	*0.52*	14.38	*0.08*					
Switzerland, Basel	2045	**97.7**	*2.26*	13.37	*0.36*					
Switzerland, Geneva	1503	**88.4**	*2.35*	11.65	*0.37*					
Switzerland, Graubünden and Glarus	902	**84.9**	*2.97*	10.96	*0.48*					
Switzerland, Neuchâtel	640	**84.4**	*3.53*	11.37	*0.56*					
Switzerland, St Gall–Appenzell	1962	**87.0**	*2.04*	11.65	*0.33*					
Switzerland, Ticino	1079	**68.6**	*2.16*	8.93	*0.33*					
Switzerland, Valais	1083	**86.9**	*2.73*	11.51	*0.42*					
Switzerland, Vaud	2722	**101.4**	*2.03*	13.65	*0.33*					
Switzerland, Zurich	4925	**90.4**	*1.33*	12.11	*0.21*					
Ukraine	30370	**18.1**	*0.11*	2.33	*0.02*					
UK, England	150941	**65.0**	*0.18*	8.31	*0.03*					
UK, England, East of England Region	17577	**64.1**	*0.51*	8.14	*0.08*					
UK, England, North Western	19944	**66.2**	*0.49*	8.45	*0.08*					
UK, England, Northern and Yorkshire	19849	**63.0**	*0.47*	7.99	*0.07*					
UK, England, Oxford Region	8552	**73.6**	*0.83*	9.56	*0.13*					
UK, England, South and Western Regions	24957	**68.5**	*0.46*	8.66	*0.07*					
UK, England, Thames	29198	**64.1**	*0.40*	8.45	*0.06*					
UK, England, Trent	8684	**59.6**	*0.67*	7.51	*0.11*					
UK, England, West Midlands	17126	**67.3**	*0.54*	8.57	*0.09*					
UK, Northern Ireland	4205	**63.2**	*1.01*	8.20	*0.16*					
UK, Scotland	13320	**57.2**	*0.52*	7.26	*0.08*					
UK, Wales	11213	**73.1**	*0.73*	8.90	*0.11*					
Oceania										
Australian Capital Territory	1088	**108.4**	*3.38*	14.10	*0.53*					
Australia, New South Wales	29130	**111.1**	*0.68*	14.64	*0.11*					
Australia, Northern Territory	317	**74.7**	*4.45*	9.42	*0.69*					
Australia, Northern Territory: Indigenous	21	**36.2**	*8.19*	4.92	*1.35*					
Australia, Northern Territory: Non–Indigenous	284	**78.5**	*5.00*	9.82	*0.77*					
Australia, Queensland	15789	**106.5**	*0.87*	13.95	*0.14*					
South Australia	7062	**105.0**	*1.32*	13.52	*0.21*					
Australia, Tasmania	2460	**121.2**	*2.54*	16.06	*0.40*					
Australia, Victoria	20368	**104.9**	*0.77*	13.60	*0.12*					
Western Australia	7760	**105.9**	*1.24*	13.71	*0.19*					
New Zealand	13543	**92.7**	*0.82*	12.16	*0.13*					
New Zealand: Maori	682	**81.2**	*3.22*	10.61	*0.49*					
New Zealand: Pacific Islander	324	**95.1**	*5.61*	10.98	*0.77*					
New Zealand: Other	12537	**94.2**	*0.88*	12.37	*0.14*					
USA, Hawaii	4234	**83.7**	*1.38*	10.86	*0.22*					
*USA, Hawaii: Chinese	311	**94.2**	*6.08*	11.98	*0.97*					
*USA, Hawaii: Filipino	580	**93.3**	*4.31*	12.44	*0.69*					
*USA, Hawaii: Hawaiian	389	**67.9**	*3.60*	10.05	*0.63*					
*USA, Hawaii: Japanese	1322	**86.1**	*2.65*	10.42	*0.42*					
*USA, Hawaii: White	1330	**101.2**	*2.90*	13.45	*0.47*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Testis (C62)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	7	**0.3**	*0.11*	–	-					
Egypt, Gharbiah	41	**0.4**	*0.07*	0.04	*0.01*					
*Libya, Benghazi	10	**0.6**	*0.19*	0.05	*0.02*					
*Malawi, Blantyre	11	**0.9**	*0.33*	0.11	*0.06*					
*South Africa, PROMEC	2	**0.2**	*0.12*	0.02	*0.01*					
*Tunisia, North	62	**0.8**	*0.10*	0.06	*0.01*					
*Uganda, Kyadondo County	12	**0.3**	*0.09*	0.02	*0.01*					
*Zimbabwe, Harare: African	6	**0.3**	*0.17*	0.04	*0.03*					
America, Central and South										
Argentina, Bahía Blanca	33	**4.5**	*0.79*	0.34	*0.06*					
Argentina, Córdoba	179	**6.4**	*0.48*	0.49	*0.04*					
Argentina, Mendoza	282	**6.9**	*0.41*	0.53	*0.03*					
*Argentina, Tierra del Fuego	17	**5.5**	*1.41*	0.47	*0.15*					
Brazil, Aracaju	5	**0.4**	*0.18*	0.03	*0.01*					
Brazil, Belo Horizonte	63	**1.7**	*0.21*	0.12	*0.02*					
Brazil, Cuiabá	21	**1.7**	*0.41*	0.19	*0.05*					
Brazil, Fortaleza	41	**1.0**	*0.16*	0.08	*0.02*					
Brazil, Goiânia	54	**1.7**	*0.24*	0.13	*0.02*					
*Brazil, São Paulo	801	**2.8**	*0.11*	0.21	*0.01*					
Chile, Region of Antofagasta	82	**5.2**	*0.59*	0.39	*0.05*					
Chile, Bío Bío Province	80	**8.3**	*0.95*	0.59	*0.07*					
Chile, Valdivia	137	**13.7**	*1.18*	1.02	*0.09*					
Colombia, Bucaramanga	47	**1.8**	*0.27*	0.14	*0.02*					
Colombia, Cali	146	**2.9**	*0.24*	0.21	*0.02*					
Colombia, Manizales	33	**3.4**	*0.60*	0.26	*0.05*					
Colombia, Pasto	42	**4.1**	*0.65*	0.30	*0.05*					
Costa Rica	409	**3.4**	*0.17*	0.25	*0.01*					
Cuba, Villa Clara	12	**0.6**	*0.17*	0.06	*0.02*					
Ecuador, Cuenca	25	**2.4**	*0.50*	0.20	*0.05*					
Ecuador, Quito	199	**4.9**	*0.36*	0.37	*0.03*					
*France, Martinique	12	**1.4**	*0.41*	0.10	*0.03*					
*Jamaica, Kingston and St Andrew	3	**0.2**	*0.11*	0.01	*0.01*					
USA, Puerto Rico	249	**2.6**	*0.17*	0.19	*0.01*					
Uruguay	269	**5.3**	*0.33*	0.41	*0.03*					
America, North										
Canada	4124	**4.7**	*0.08*	0.36	*0.01*					
Canada, Alberta	499	**5.1**	*0.23*	0.39	*0.02*					
Canada, British Columbia	536	**4.8**	*0.21*	0.36	*0.02*					
Canada, Manitoba	155	**4.9**	*0.41*	0.38	*0.03*					
Canada, New Brunswick	78	**4.1**	*0.49*	0.29	*0.03*					
Canada, Newfoundland and Labrador	53	**4.0**	*0.58*	0.31	*0.04*					
*Canada, Northwest Territories	6	**4.2**	*1.71*	0.34	*0.14*					
Canada, Nova Scotia	135	**5.8**	*0.52*	0.43	*0.04*					
Canada, Ontario	1630	**4.8**	*0.12*	0.37	*0.01*					
Canada, Prince Edward Island	17	**4.6**	*1.15*	0.37	*0.09*					
*Canada, Quebec	886	**4.4**	*0.15*	0.33	*0.01*					
Canada, Saskatchewan	125	**4.9**	*0.45*	0.37	*0.03*					
*Canada, Yukon	4	**4.6**	*2.44*	0.32	*0.16*					
USA, NPCR (42 states)	34757	**4.9**	*0.03*	0.38	*0.00*					
USA, NPCR (42 states): American Indian	224	**2.8**	*0.19*	0.21	*0.01*					
USA, NPCR (42 states): Asian and Pacific Islander	381	**1.1**	*0.06*	0.08	*0.00*					
USA, NPCR (42 states): Black	1076	**1.2**	*0.04*	0.09	*0.00*					
USA, NPCR (42 states): White	32219	**5.7**	*0.03*	0.43	*0.00*					
USA, SEER (9 registries)	4000	**5.3**	*0.08*	0.40	*0.01*					
*USA, SEER (9 registries): Black	101	**1.1**	*0.11*	0.09	*0.01*					
*USA, SEER (9 registries): White	3635	**6.4**	*0.11*	0.49	*0.01*					
USA, SEER (18 registries)	11038	**4.9**	*0.05*	0.38	*0.00*					
*USA, SEER (18 registries): Asian and Pacific Islander	349	**1.7**	*0.09*	0.13	*0.01*					
*USA, SEER (18 registries): Black	279	**1.1**	*0.06*	0.08	*0.01*					
*USA, SEER (18 registries): Hispanic White	2066	**4.3**	*0.10*	0.32	*0.01*					
*USA, SEER (18 registries): Non–Hispanic White	8068	**6.4**	*0.07*	0.49	*0.01*					
*USA, SEER (18 registries): White	10134	**5.9**	*0.06*	0.45	*0.00*					
USA, Alabama	466	**4.0**	*0.19*	0.31	*0.01*					
USA, Alabama: Black	41	**1.4**	*0.22*	0.12	*0.02*					
USA, Alabama: White	419	**5.0**	*0.25*	0.38	*0.02*					
USA, Alaska	103	**5.3**	*0.53*	0.40	*0.04*					
*USA, Alaska: American Indian	15	**5.4**	*1.41*	0.37	*0.10*					
USA, Arizona	766	**4.7**	*0.17*	0.37	*0.01*					
USA, Arizona: American Indian	37	**4.6**	*0.76*	0.33	*0.06*					
USA, Arizona: Asian and Pacific Islander	2	**0.5**	*0.39*	0.03	*0.02*					
USA, Arizona: Black	5	**0.7**	*0.30*	0.05	*0.02*					
USA, Arizona: White	703	**5.0**	*0.19*	0.39	*0.01*					
USA, Arkansas	288	**4.0**	*0.24*	0.32	*0.02*					
USA, Arkansas: Black	15	**1.4**	*0.35*	0.11	*0.03*					
USA, Arkansas: White	268	**4.5**	*0.28*	0.36	*0.02*					
USA, California	4971	**5.0**	*0.07*	0.38	*0.01*					
USA, California: American Indian	29	**2.0**	*0.36*	0.15	*0.03*					
USA, California: Asian and Pacific Islander	168	**1.3**	*0.10*	0.10	*0.01*					
USA, California: Black	83	**1.2**	*0.13*	0.09	*0.01*					
USA, California: White	4542	**5.9**	*0.09*	0.45	*0.01*					
USA, California, Los Angeles County	1261	**4.6**	*0.13*	0.35	*0.01*					
*USA, California, Los Angeles County: Asian and Pacific Islander	57	**1.5**	*0.21*	0.13	*0.02*					
*USA, California, Los Angeles County: Black	28	**1.1**	*0.22*	0.09	*0.02*					
*USA, California, Los Angeles County: Chinese	15	**1.5**	*0.39*	0.11	*0.03*					
*USA, California, Los Angeles County: Filipino	8	**1.1**	*0.41*	0.08	*0.03*					
*USA, California, Los Angeles County: Hispanic White	559	**4.4**	*0.19*	0.31	*0.01*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Testis (C62) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	20	**5.6**	*1.31*	0.53	*0.13*					
*USA, California, Los Angeles County: Korean	6	**0.9**	*0.37*	0.08	*0.03*					
*USA, California, Los Angeles County: Non−Hispanic White	580	**7.0**	*0.30*	0.54	*0.02*					
*USA, California, Los Angeles County: White	1139	**5.5**	*0.17*	0.42	*0.01*					
USA, California, San Francisco Bay Area	562	**4.7**	*0.20*	0.36	*0.02*					
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	55	**2.1**	*0.29*	0.15	*0.02*					
*USA, California, San Francisco Bay Area: Black	12	**1.0**	*0.28*	0.08	*0.02*					
*USA, California, San Francisco Bay Area: Hispanic White	113	**4.5**	*0.44*	0.33	*0.03*					
*USA, California, San Francisco Bay Area: Non−Hispanic White	371	**6.6**	*0.37*	0.51	*0.03*					
*USA, California, San Francisco Bay Area: White	484	**6.0**	*0.29*	0.47	*0.02*					
USA, Colorado	719	**5.3**	*0.20*	0.41	*0.02*					
USA, Colorado: Asian and Pacific Islander	3	**0.9**	*0.50*	0.07	*0.04*					
USA, Colorado: Black	10	**1.6**	*0.50*	0.12	*0.04*					
USA, Colorado: White	677	**5.5**	*0.22*	0.42	*0.02*					
USA, Connecticut	511	**5.8**	*0.26*	0.44	*0.02*					
*USA, Connecticut: Black	14	**1.5**	*0.41*	0.14	*0.05*					
*USA, Connecticut: White	479	**6.5**	*0.31*	0.49	*0.02*					
USA, Delaware	98	**4.5**	*0.47*	0.36	*0.04*					
USA, Delaware: Black	6	**1.5**	*0.61*	0.13	*0.06*					
USA, Delaware: White	89	**5.5**	*0.60*	0.43	*0.05*					
USA, Florida	2039	**4.4**	*0.10*	0.34	*0.01*					
USA, Florida: Asian and Pacific Islander	7	**0.5**	*0.19*	0.03	*0.01*					
USA, Florida: Black	72	**1.0**	*0.12*	0.07	*0.01*					
USA, Florida: White	1903	**5.2**	*0.12*	0.40	*0.01*					
USA, Georgia	900	**3.6**	*0.12*	0.28	*0.01*					
USA, Georgia: Asian and Pacific Islander	6	**0.9**	*0.39*	0.05	*0.02*					
USA, Georgia: Black	67	**0.9**	*0.12*	0.07	*0.01*					
USA, Georgia: White	818	**4.9**	*0.17*	0.37	*0.01*					
USA, Georgia, Atlanta	326	**3.4**	*0.19*	0.26	*0.02*					
*USA, Georgia, Atlanta: Black	34	**1.1**	*0.19*	0.08	*0.02*					
*USA, Georgia, Atlanta: White	285	**5.1**	*0.31*	0.39	*0.02*					
USA, Idaho	227	**6.0**	*0.40*	0.47	*0.03*					
USA, Illinois	1644	**4.9**	*0.12*	0.37	*0.01*					
USA, Illinois: Asian and Pacific Islander	14	**0.9**	*0.24*	0.06	*0.02*					
USA, Illinois: Black	56	**1.1**	*0.15*	0.09	*0.01*					
USA, Illinois: White	1521	**5.6**	*0.15*	0.42	*0.01*					
USA, Indiana	822	**5.0**	*0.18*	0.38	*0.01*					
USA, Indiana: Black	15	**1.0**	*0.26*	0.07	*0.02*					
USA, Indiana: White	775	**5.3**	*0.19*	0.41	*0.01*					
USA, Iowa	456	**6.1**	*0.29*	0.46	*0.02*					
USA, Kentucky	487	**4.4**	*0.20*	0.34	*0.02*					
USA, Louisiana	369	**4.0**	*0.21*	0.32	*0.02*					
*USA, Louisiana: Black	29	**1.0**	*0.19*	0.08	*0.01*					
*USA, Louisiana: White	338	**5.5**	*0.31*	0.43	*0.02*					
*USA, Louisiana, New Orleans	92	**5.2**	*0.55*	0.40	*0.04*					
*USA, Louisiana, New Orleans: Black	11	**1.6**	*0.49*	0.13	*0.04*					
*USA, Louisiana, New Orleans: White	80	**8.0**	*0.94*	0.61	*0.07*					
USA, Maine	195	**5.8**	*0.43*	0.44	*0.03*					
USA, Massachusetts	997	**5.7**	*0.18*	0.45	*0.01*					
USA, Massachusetts: Asian and Pacific Islander	9	**0.9**	*0.30*	0.06	*0.02*					
USA, Massachusetts: Black	12	**0.9**	*0.25*	0.07	*0.02*					
USA, Massachusetts: White	956	**6.3**	*0.21*	0.50	*0.02*					
USA, Michigan	1411	**5.4**	*0.15*	0.41	*0.01*					
USA, Michigan: Asian and Pacific Islander	3	**0.4**	*0.25*	0.03	*0.02*					
USA, Michigan: Black	40	**1.1**	*0.17*	0.08	*0.01*					
USA, Michigan: White	1324	**6.2**	*0.17*	0.47	*0.01*					
USA, Michigan, Detroit	528	**5.0**	*0.22*	0.38	*0.02*					
*USA, Michigan, Detroit: Black	31	**1.2**	*0.22*	0.10	*0.02*					
*USA, Michigan, Detroit: White	480	**6.4**	*0.30*	0.49	*0.02*					
USA, Mississippi	237	**3.3**	*0.22*	0.25	*0.02*					
USA, Missouri	669	**4.6**	*0.18*	0.34	*0.01*					
USA, Missouri: Black	16	**1.0**	*0.24*	0.07	*0.02*					
USA, Missouri: White	638	**5.1**	*0.20*	0.38	*0.02*					
USA, Montana	132	**5.5**	*0.49*	0.43	*0.04*					
USA, Montana: American Indian	6	**4.0**	*1.66*	0.33	*0.14*					
USA, Nebraska	284	**6.2**	*0.37*	0.47	*0.03*					
USA, Nebraska: Black	1	**0.4**	*0.40*	0.03	*0.03*					
USA, Nebraska: White	274	**6.5**	*0.40*	0.49	*0.03*					
USA, New Hampshire	229	**6.8**	*0.47*	0.52	*0.04*					
USA, New Jersey	1183	**5.2**	*0.16*	0.40	*0.01*					
*USA, New Jersey: Black	37	**1.1**	*0.19*	0.10	*0.02*					
*USA, New Jersey: White	1101	**6.4**	*0.20*	0.49	*0.02*					
USA, New Mexico	270	**5.5**	*0.34*	0.41	*0.03*					
*USA, New Mexico: Hispanic White	102	**4.7**	*0.47*	0.35	*0.04*					
*USA, New Mexico: Non−Hispanic White	137	**7.1**	*0.62*	0.53	*0.05*					
*USA, New Mexico: White	239	**5.8**	*0.38*	0.44	*0.03*					
USA, New York State	2608	**5.1**	*0.10*	0.39	*0.01*					
USA, New York State: Asian and Pacific Islander	54	**1.4**	*0.20*	0.10	*0.02*					
USA, New York State: Black	120	**1.4**	*0.12*	0.11	*0.01*					
USA, New York State: White	2361	**6.2**	*0.13*	0.48	*0.01*					
USA, North Carolina	1067	**4.6**	*0.14*	0.35	*0.01*					
USA, North Carolina: American Indian	7	**2.2**	*0.83*	0.16	*0.06*					
USA, North Carolina: Asian and Pacific Islander	4	**0.6**	*0.32*	0.05	*0.02*					
USA, North Carolina: Black	89	**1.8**	*0.19*	0.14	*0.02*					
USA, North Carolina: White	945	**5.5**	*0.18*	0.42	*0.01*					
USA, North Dakota	94	**5.7**	*0.61*	0.44	*0.05*					
USA, Ohio	1541	**5.2**	*0.14*	0.40	*0.01*					
USA, Ohio: Asian and Pacific Islander	4	**0.7**	*0.38*	0.05	*0.03*					
USA, Ohio: Black	55	**1.5**	*0.21*	0.12	*0.02*					
USA, Ohio: White	1441	**5.7**	*0.15*	0.43	*0.01*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Testis (C62) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	443	**4.7**	*0.23*	0.37	*0.02*					
USA, Oklahoma: American Indian	47	**5.6**	*0.82*	0.44	*0.07*					
USA, Oklahoma: Black	11	**1.4**	*0.42*	0.10	*0.03*					
USA, Oklahoma: White	381	**5.0**	*0.26*	0.40	*0.02*					
USA, Oregon	589	**6.1**	*0.26*	0.46	*0.02*					
USA, Oregon: Asian and Pacific Islander	2	**0.5**	*0.32*	0.04	*0.03*					
USA, Oregon: Black	5	**2.0**	*0.88*	0.15	*0.07*					
USA, Oregon: White	560	**6.3**	*0.27*	0.48	*0.02*					
USA, Pennsylvania	1784	**5.6**	*0.14*	0.44	*0.01*					
USA, Pennsylvania: Asian and Pacific Islander	16	**1.9**	*0.49*	0.14	*0.04*					
USA, Pennsylvania: Black	48	**1.4**	*0.21*	0.12	*0.02*					
USA, Pennsylvania: White	1691	**6.2**	*0.16*	0.48	*0.01*					
USA, Rhode Island	155	**5.5**	*0.45*	0.42	*0.03*					
USA, Rhode Island: Black	2	**0.9**	*0.64*	0.07	*0.05*					
USA, Rhode Island: White	153	**6.1**	*0.51*	0.47	*0.04*					
USA, South Carolina	414	**3.8**	*0.19*	0.28	*0.01*					
USA, South Carolina: Black	31	**1.0**	*0.19*	0.08	*0.01*					
USA, South Carolina: White	377	**4.9**	*0.26*	0.37	*0.02*					
USA, South Dakota	111	**5.5**	*0.53*	0.43	*0.04*					
USA, Tennessee	693	**4.4**	*0.17*	0.33	*0.01*					
USA, Tennessee: Black	25	**0.9**	*0.19*	0.07	*0.01*					
USA, Tennessee: White	659	**5.1**	*0.21*	0.39	*0.02*					
USA, Texas	2918	**4.7**	*0.09*	0.35	*0.01*					
USA, Texas: Asian and Pacific Islander	18	**0.7**	*0.17*	0.05	*0.01*					
USA, Texas: Black	88	**1.2**	*0.13*	0.09	*0.01*					
USA, Texas: White	2717	**5.3**	*0.10*	0.39	*0.01*					
USA, Utah	455	**6.7**	*0.32*	0.52	*0.03*					
USA, Vermont	95	**6.0**	*0.64*	0.46	*0.05*					
USA, Virginia	922	**4.5**	*0.15*	0.35	*0.01*					
USA, Virginia: Asian and Pacific Islander	13	**1.1**	*0.30*	0.08	*0.02*					
USA, Virginia: Black	48	**1.2**	*0.17*	0.10	*0.01*					
USA, Virginia: White	835	**5.5**	*0.19*	0.42	*0.01*					
USA, Washington State	1025	**6.0**	*0.19*	0.46	*0.01*					
USA, Washington, Seattle	730	**6.0**	*0.23*	0.47	*0.02*					
USA, West Virginia	234	**5.2**	*0.35*	0.40	*0.03*					
USA, Wisconsin	951	**6.6**	*0.22*	0.50	*0.02*					
USA, Wisconsin: Black	10	**1.2**	*0.40*	0.11	*0.04*					
USA, Wisconsin: White	917	**7.0**	*0.24*	0.53	*0.02*					
USA, Wyoming	74	**5.7**	*0.67*	0.42	*0.05*					
Asia										
Bahrain: Bahraini	17	**1.8**	*0.46*	0.17	*0.05*					
China, Beijing City	99	**0.4**	*0.05*	0.04	*0.00*					
*China, Cixian County	4	**0.4**	*0.21*	0.05	*0.03*					
China, Haining County	4	**0.3**	*0.18*	0.01	*0.01*					
*China, Harbin City, Nangang District	13	**0.4**	*0.12*	0.05	*0.01*					
China, Hong Kong	256	**1.5**	*0.11*	0.11	*0.01*					
China, Jiashan County	8	**0.6**	*0.26*	0.06	*0.02*					
China, Jiaxing City	3	**0.2**	*0.13*	0.02	*0.01*					
China, Macao	16	**1.4**	*0.41*	0.11	*0.04*					
China, Qidong County	14	**0.3**	*0.09*	0.03	*0.01*					
*China, Shanghai City	122	**0.7**	*0.07*	0.05	*0.01*					
*China, Wuhan City	62	**0.6**	*0.09*	0.04	*0.01*					
*China, Yangcheng County	6	**0.4**	*0.16*	0.03	*0.01*					
*China, Yanting County	3	**0.2**	*0.11*	0.01	*0.01*					
*China, Zhongshan City	24	**0.8**	*0.17*	0.06	*0.01*					
*India, Bangalore	68	**0.6**	*0.07*	0.05	*0.01*					
*India; Barshi, Paranda, and Bhum	7	**0.6**	*0.25*	0.06	*0.03*					
*India, Bhopal	29	**0.8**	*0.16*	0.07	*0.02*					
*India, Chennai	96	**0.8**	*0.08*	0.06	*0.01*					
*India, Dindigul, Ambilikkai	20	**0.4**	*0.09*	0.03	*0.01*					
*India, Karunagappally	6	**0.5**	*0.21*	0.04	*0.01*					
*India, Mizoram	7	**0.3**	*0.12*	0.02	*0.01*					
*India, Mumbai	257	**0.7**	*0.05*	0.05	*0.00*					
*India, New Delhi	234	**0.6**	*0.04*	0.05	*0.00*					
*India, Poona	55	**0.5**	*0.07*	0.04	*0.01*					
*India, Sikkim State	4	**0.2**	*0.13*	0.02	*0.01*					
*India, Trivandrum	15	**0.8**	*0.21*	0.06	*0.02*					
*Iran (Islamic Republic of), Golestan Province	53	**2.3**	*0.34*	0.22	*0.04*					
Israel	694	**4.1**	*0.16*	0.32	*0.01*					
*Israel: Jews	631	**4.7**	*0.19*	0.36	*0.02*					
*Israel: Non–Jews	63	**1.8**	*0.24*	0.14	*0.02*					
Japan, Aichi Prefecture	77	**1.8**	*0.21*	0.14	*0.02*					
Japan, Fukui Prefecture	44	**2.2**	*0.34*	0.17	*0.03*					
Japan, Hiroshima	70	**2.2**	*0.28*	0.18	*0.02*					
Japan, Miyagi Prefecture	135	**2.2**	*0.20*	0.17	*0.01*					
Japan, Nagasaki Prefecture	66	**2.1**	*0.28*	0.16	*0.02*					
Japan, Niigata Prefecture	138	**2.2**	*0.20*	0.18	*0.02*					
*Japan, Osaka Prefecture	313	**1.3**	*0.08*	0.10	*0.01*					
Japan, Saga Prefecture	31	**1.6**	*0.29*	0.12	*0.02*					
Republic of Korea	823	**0.6**	*0.02*	0.04	*0.00*					
Republic of Korea, Busan	53	**0.6**	*0.09*	0.04	*0.01*					
Republic of Korea, Daegu	45	**0.7**	*0.12*	0.05	*0.01*					
Republic of Korea, Daejeon	22	**0.6**	*0.13*	0.04	*0.01*					
Republic of Korea, Gwangju	16	**0.5**	*0.13*	0.03	*0.01*					
Republic of Korea, Incheon	38	**0.5**	*0.09*	0.04	*0.01*					
Republic of Korea, Jejudo	5	**0.5**	*0.22*	0.03	*0.01*					
Republic of Korea, Seoul	203	**0.7**	*0.06*	0.05	*0.00*					
Republic of Korea, Ulsan	20	**0.6**	*0.14*	0.04	*0.01*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Testis (C62) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	69	**0.6**	*0.09*	0.05	*0.01*					
*Kuwait: Kuwaitis	30	**1.3**	*0.26*	0.11	*0.03*					
*Kuwait: Non−Kuwaitis	39	**0.5**	*0.11*	0.03	*0.01*					
*Malaysia, Penang	30	**1.1**	*0.21*	0.09	*0.02*					
*Malaysia, Penang: Chinese	10	**0.7**	*0.25*	0.05	*0.02*					
*Malaysia, Penang: Indian	2	**0.6**	*0.43*	0.04	*0.03*					
*Malaysia, Penang: Malay	18	**1.6**	*0.43*	0.19	*0.08*					
*Philippines, Manila	132	**0.9**	*0.09*	0.08	*0.01*					
*Philippines, Rizal	98	**0.6**	*0.07*	0.06	*0.01*					
Qatar: Qatari	4	**1.1**	*0.55*	0.09	*0.04*					
*Saudi Arabia, Riyadh: Saudi	61	**0.6**	*0.09*	0.05	*0.01*					
Singapore	119	**1.3**	*0.13*	0.09	*0.01*					
Singapore: Chinese	93	**1.3**	*0.15*	0.09	*0.01*					
Singapore: Indian	7	**0.9**	*0.36*	0.07	*0.03*					
Singapore: Malay	15	**1.2**	*0.32*	0.08	*0.02*					
Thailand, Bangkok	67	**0.4**	*0.05*	0.03	*0.01*					
Thailand, Chiang Mai	28	**0.7**	*0.15*	0.06	*0.01*					
Thailand, Chonburi	40	**1.3**	*0.21*	0.10	*0.02*					
*Thailand, Khon Kaen	16	**0.3**	*0.08*	0.02	*0.01*					
Thailand, Lampang	10	**0.5**	*0.15*	0.03	*0.01*					
*Thailand, Songkhla	7	**0.2**	*0.10*	0.03	*0.01*					
*Turkey, Antalya	137	**2.9**	*0.26*	0.23	*0.02*					
*Turkey, Edirne	26	**3.1**	*0.64*	0.23	*0.05*					
*Turkey, Izmir	359	**3.4**	*0.18*	0.25	*0.01*					
*Turkey, Trabzon	39	**3.2**	*0.52*	0.25	*0.04*					
Europe										
Austria	1762	**7.6**	*0.19*	0.60	*0.01*					
Austria, Tyrol	164	**8.3**	*0.67*	0.64	*0.05*					
Austria, Vorarlberg	76	**7.3**	*0.86*	0.57	*0.07*					
*Belarus	555	**2.1**	*0.09*	0.16	*0.01*					
*Belgium	1107	**5.2**	*0.16*	0.39	*0.01*					
Bulgaria	931	**4.4**	*0.15*	0.34	*0.01*					
Croatia	739	**6.6**	*0.25*	0.48	*0.02*					
Cyprus	123	**6.0**	*0.55*	0.43	*0.04*					
Czech Republic	2227	**7.5**	*0.16*	0.58	*0.01*					
Denmark	1456	**10.1**	*0.27*	0.79	*0.02*					
*Estonia	97	**2.8**	*0.29*	0.21	*0.02*					
Finland	578	**4.5**	*0.19*	0.33	*0.01*					
*France, Bas−Rhin	252	**8.4**	*0.54*	0.67	*0.04*					
*France, Calvados	109	**6.2**	*0.61*	0.49	*0.05*					
*France, Doubs	99	**7.2**	*0.74*	0.55	*0.06*					
*France, Haut−Rhin	145	**7.3**	*0.63*	0.57	*0.05*					
*France, Hérault	140	**5.5**	*0.48*	0.43	*0.04*					
*France, Isère	181	**5.7**	*0.43*	0.44	*0.03*					
*France, Loire−Atlantique	203	**6.3**	*0.45*	0.50	*0.04*					
*France, Manche	60	**5.2**	*0.69*	0.40	*0.05*					
*France, Somme	69	**4.7**	*0.59*	0.35	*0.04*					
*France, Tarn	55	**6.4**	*0.91*	0.49	*0.07*					
*France, Vendée	95	**6.9**	*0.74*	0.51	*0.05*					
Germany, Brandenburg	631	**8.6**	*0.36*	0.67	*0.03*					
Germany, Bremen	160	**8.7**	*0.72*	0.68	*0.05*					
Germany, Free State of Saxony	1069	**8.8**	*0.28*	0.70	*0.02*					
Germany, Hamburg	431	**8.4**	*0.42*	0.65	*0.03*					
Germany, Mecklenburg−Western Pomerania	435	**8.7**	*0.44*	0.69	*0.03*					
Germany, Munich	1036	**9.3**	*0.31*	0.74	*0.02*					
Germany, North Rhine−Westphalia	743	**10.4**	*0.40*	0.81	*0.03*					
Germany, Saarland	225	**7.8**	*0.56*	0.61	*0.04*					
Germany, Schleswig−Holstein	780	**10.2**	*0.39*	0.79	*0.03*					
Iceland	49	**6.0**	*0.87*	0.47	*0.07*					
Ireland	787	**6.6**	*0.24*	0.50	*0.02*					
Italy, Biella	37	**7.9**	*1.43*	0.59	*0.10*					
Italy, Brescia	127	**5.3**	*0.50*	0.39	*0.04*					
Italy, Catania and Messina	152	**5.8**	*0.48*	0.41	*0.03*					
Italy, Catanzaro	31	**5.4**	*0.98*	0.38	*0.07*					
Italy, Como	97	**6.7**	*0.73*	0.48	*0.05*					
Italy, Ferrara	58	**7.1**	*1.08*	0.52	*0.07*					
Italy, Florence and Prato	100	**5.0**	*0.54*	0.39	*0.04*					
Italy, Friuli−Venezia Giulia	189	**6.2**	*0.50*	0.46	*0.03*					
Italy, Genoa	101	**6.3**	*0.70*	0.47	*0.05*					
Italy, Latina	77	**5.1**	*0.61*	0.39	*0.05*					
Italy, Lecco	64	**7.2**	*0.96*	0.57	*0.07*					
Italy, Lombardy, South	55	**4.9**	*0.71*	0.37	*0.05*					
Italy, Mantua	36	**5.8**	*1.01*	0.44	*0.08*					
Italy, Milan	157	**5.7**	*0.50*	0.43	*0.04*					
Italy, Modena	105	**6.4**	*0.69*	0.46	*0.05*					
Italy, Naples	90	**5.8**	*0.62*	0.43	*0.05*					
Italy, Nuoro	28	**4.5**	*0.88*	0.33	*0.06*					
Italy, Palermo	127	**5.0**	*0.46*	0.37	*0.03*					
Italy, Parma	67	**5.7**	*0.74*	0.46	*0.06*					
Italy, Ragusa	34	**4.1**	*0.73*	0.31	*0.05*					
Italy, Reggio Emilia	73	**4.8**	*0.61*	0.39	*0.05*					
Italy, Romagna	186	**6.0**	*0.48*	0.46	*0.03*					
Italy, Salerno	174	**6.0**	*0.46*	0.45	*0.03*					
Italy, Sassari	73	**5.5**	*0.67*	0.40	*0.05*					
Italy, Sondrio	34	**7.0**	*1.26*	0.52	*0.09*					
Italy, South Tyrol	94	**8.7**	*0.95*	0.66	*0.07*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Testis (C62) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	57	**5.3**	*0.72*	0.39	*0.05*					
Italy, Trapani	50	**6.0**	*0.86*	0.42	*0.06*					
Italy, Trento	80	**7.5**	*0.88*	0.55	*0.06*					
Italy, Turin	125	**5.3**	*0.52*	0.39	*0.04*					
Italy, Umbria	110	**4.9**	*0.51*	0.36	*0.04*					
Italy, Varese	172	**7.6**	*0.62*	0.57	*0.04*					
Italy, Veneto	301	**6.2**	*0.39*	0.46	*0.03*					
Latvia	141	**2.8**	*0.24*	0.24	*0.02*					
Lithuania	175	**2.0**	*0.15*	0.15	*0.01*					
Malta	44	**4.0**	*0.61*	0.30	*0.05*					
*The Netherlands	2962	**7.0**	*0.13*	0.53	*0.01*					
*The Netherlands, Eindhoven	172	**6.2**	*0.49*	0.47	*0.04*					
Norway	1286	**10.5**	*0.30*	0.82	*0.02*					
Poland, Cracow	87	**5.1**	*0.56*	0.38	*0.04*					
Poland, Kielce	114	**3.4**	*0.33*	0.24	*0.02*					
Poland, Lower Silesia	439	**5.4**	*0.26*	0.41	*0.02*					
Poland, Podkarpackie	147	**2.5**	*0.21*	0.18	*0.02*					
Portugal, Azores	22	**3.3**	*0.70*	0.26	*0.06*					
Russian Federation, Saint Petersburg	297	**2.3**	*0.14*	0.19	*0.01*					
*Serbia, Central	762	**5.4**	*0.20*	0.41	*0.02*					
Slovakia	1161	**7.5**	*0.22*	0.57	*0.02*					
Slovenia	487	**8.6**	*0.40*	0.64	*0.03*					
Spain, Albacete	61	**5.6**	*0.74*	0.41	*0.05*					
Spain, Asturias	106	**3.6**	*0.36*	0.26	*0.03*					
Spain, Basque Country	279	**4.9**	*0.31*	0.35	*0.02*					
Spain, Canary Islands	92	**2.5**	*0.27*	0.17	*0.02*					
Spain, Ciudad Real	41	**3.7**	*0.60*	0.28	*0.04*					
Spain, Cuenca	9	**1.3**	*0.47*	0.12	*0.04*					
Spain, Girona	102	**5.0**	*0.52*	0.38	*0.04*					
*Spain, Granada	89	**3.6**	*0.39*	0.25	*0.03*					
Spain, La Rioja	34	**3.8**	*0.67*	0.27	*0.05*					
Spain, Mallorca	111	**4.6**	*0.46*	0.35	*0.03*					
Spain, Murcia	162	**3.7**	*0.30*	0.28	*0.02*					
Spain, Navarra	70	**4.1**	*0.51*	0.29	*0.04*					
Spain, Tarragona	73	**3.4**	*0.42*	0.25	*0.03*					
*Sweden	1407	**6.2**	*0.17*	0.47	*0.01*					
Switzerland, Basel	122	**11.4**	*1.11*	0.83	*0.08*					
Switzerland, Geneva	70	**6.1**	*0.76*	0.48	*0.06*					
Switzerland, Graubünden and Glarus	54	**8.5**	*1.22*	0.68	*0.10*					
Switzerland, Neuchâtel	41	**8.9**	*1.45*	0.74	*0.12*					
Switzerland, St Gall−Appenzell	165	**11.2**	*0.90*	0.88	*0.07*					
Switzerland, Ticino	73	**8.8**	*1.09*	0.68	*0.08*					
Switzerland, Valais	77	**9.4**	*1.12*	0.72	*0.08*					
Switzerland, Vaud	146	**8.0**	*0.68*	0.64	*0.05*					
Switzerland, Zurich	369	**9.7**	*0.53*	0.76	*0.04*					
Ukraine	2441	**1.9**	*0.04*	0.15	*0.00*					
UK, England	8337	**6.2**	*0.07*	0.48	*0.01*					
UK, England, East of England Region	887	**6.2**	*0.22*	0.49	*0.02*					
UK, England, North Western	1086	**6.4**	*0.20*	0.50	*0.02*					
UK, England, Northern and Yorkshire	1072	**6.3**	*0.20*	0.48	*0.01*					
UK, England, Oxford Region	537	**7.0**	*0.31*	0.55	*0.02*					
UK, England, South and Western Regions	1315	**7.5**	*0.21*	0.59	*0.02*					
UK, England, Thames	1769	**5.2**	*0.13*	0.41	*0.01*					
UK, England, Trent	477	**6.2**	*0.29*	0.49	*0.02*					
UK, England, West Midlands	904	**6.6**	*0.23*	0.51	*0.02*					
UK, Northern Ireland	295	**6.6**	*0.39*	0.51	*0.03*					
UK, Scotland	971	**7.2**	*0.24*	0.57	*0.02*					
UK, Wales	527	**7.3**	*0.33*	0.57	*0.03*					
Oceania										
Australian Capital Territory	66	**6.8**	*0.85*	0.52	*0.06*					
Australia, New South Wales	1105	**6.1**	*0.19*	0.47	*0.01*					
Australia, Northern Territory	31	**5.0**	*0.92*	0.44	*0.10*					
Australia, Northern Territory: Indigenous	2	**1.2**	*0.83*	0.07	*0.05*					
Australia, Northern Territory: Non−Indigenous	28	**6.0**	*1.18*	0.52	*0.13*					
Australia, Queensland	624	**5.7**	*0.23*	0.44	*0.02*					
South Australia	246	**6.0**	*0.39*	0.47	*0.03*					
Australia, Tasmania	77	**6.3**	*0.74*	0.47	*0.05*					
Australia, Victoria	836	**6.1**	*0.22*	0.47	*0.02*					
Western Australia	355	**6.5**	*0.35*	0.49	*0.03*					
New Zealand	733	**6.8**	*0.26*	0.54	*0.02*					
New Zealand: Maori	160	**10.6**	*0.85*	0.80	*0.07*					
New Zealand: Pacific Islander	11	**1.6**	*0.49*	0.14	*0.04*					
New Zealand: Other	562	**6.4**	*0.28*	0.51	*0.02*					
USA, Hawaii	162	**4.7**	*0.37*	0.36	*0.03*					
*USA, Hawaii: Chinese	6	**4.2**	*1.80*	0.31	*0.13*					
*USA, Hawaii: Filipino	12	**2.7**	*0.79*	0.19	*0.06*					
*USA, Hawaii: Hawaiian	23	**3.2**	*0.67*	0.24	*0.05*					
*USA, Hawaii: Japanese	24	**4.1**	*0.88*	0.31	*0.06*					
*USA, Hawaii: White	84	**8.2**	*0.93*	0.63	*0.07*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other male genital organs (C63)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	0	-	-	–	-					
Egypt, Gharbiah	17	**0.3**	*0.07*	0.04	*0.01*					
*Libya, Benghazi	0	-	-	–	-					
*Malawi, Blantyre	1	**0.0**	*0.05*	0.00	*0.00*					
*South Africa, PROMEC	1	**0.0**	*0.05*	–	-					
*Tunisia, North	0	-	-	–	-					
*Uganda, Kyadondo County	3	**0.2**	*0.14*	0.02	*0.02*					
*Zimbabwe, Harare: African	0	-	-	–	-					
America, Central and South										
Argentina, Bahía Blanca	1	**0.1**	*0.07*	–	-					
Argentina, Córdoba	4	**0.2**	*0.08*	0.01	*0.01*					
Argentina, Mendoza	1	**0.0**	*0.02*	0.00	*0.00*					
*Argentina, Tierra del Fuego	0	-	-	–	-					
Brazil, Aracaju	1	**0.2**	*0.16*	0.02	*0.02*					
Brazil, Belo Horizonte	4	**0.2**	*0.09*	0.03	*0.01*					
Brazil, Cuiabá	3	**0.4**	*0.24*	0.03	*0.02*					
Brazil, Fortaleza	1	**0.0**	*0.04*	0.00	*0.00*					
Brazil, Goiânia	0	-	-	–	-					
*Brazil, São Paulo	75	**0.3**	*0.04*	0.03	*0.00*					
Chile, Region of Antofagasta	3	**0.2**	*0.14*	0.04	*0.03*					
Chile, Bío Bío Province	1	**0.1**	*0.11*	0.02	*0.02*					
Chile, Valdivia	0	-	-	–	-					
Colombia, Bucaramanga	3	**0.1**	*0.07*	0.01	*0.01*					
Colombia, Cali	9	**0.2**	*0.08*	0.02	*0.01*					
Colombia, Manizales	1	**0.1**	*0.11*	0.01	*0.01*					
Colombia, Pasto	1	**0.1**	*0.13*	0.01	*0.01*					
Costa Rica	13	**0.1**	*0.04*	0.01	*0.00*					
Cuba, Villa Clara	2	**0.1**	*0.05*	0.01	*0.01*					
Ecuador, Cuenca	2	**0.3**	*0.18*	0.03	*0.03*					
Ecuador, Quito	9	**0.3**	*0.11*	0.03	*0.01*					
*France, Martinique	2	**0.3**	*0.20*	0.02	*0.02*					
*Jamaica, Kingston and St Andrew	3	**0.2**	*0.12*	0.03	*0.02*					
USA, Puerto Rico	12	**0.1**	*0.02*	0.01	*0.00*					
Uruguay	10	**0.1**	*0.05*	0.02	*0.01*					
America, North										
Canada	247	**0.2**	*0.01*	0.02	*0.00*					
Canada, Alberta	22	**0.2**	*0.05*	0.02	*0.01*					
Canada, British Columbia	22	**0.1**	*0.03*	0.02	*0.00*					
Canada, Manitoba	15	**0.3**	*0.09*	0.03	*0.01*					
Canada, New Brunswick	4	**0.1**	*0.07*	0.02	*0.01*					
Canada, Newfoundland and Labrador	3	**0.2**	*0.10*	0.02	*0.01*					
*Canada, Northwest Territories	0	-	-	–	-					
Canada, Nova Scotia	4	**0.1**	*0.04*	0.00	*0.00*					
Canada, Ontario	92	**0.2**	*0.02*	0.02	*0.00*					
Canada, Prince Edward Island	1	**0.2**	*0.22*	0.02	*0.02*					
*Canada, Quebec	74	**0.3**	*0.03*	0.02	*0.00*					
Canada, Saskatchewan	10	**0.2**	*0.08*	0.03	*0.01*					
*Canada, Yukon	0	-	-	–	-					
USA, NPCR (42 states)	1327	**0.1**	*0.00*	0.02	*0.00*					
USA, NPCR (42 states): American Indian	4	**0.1**	*0.03*	0.01	*0.01*					
USA, NPCR (42 states): Asian and Pacific Islander	49	**0.2**	*0.02*	0.02	*0.00*					
USA, NPCR (42 states): Black	107	**0.1**	*0.01*	0.01	*0.00*					
USA, NPCR (42 states): White	1123	**0.1**	*0.00*	0.02	*0.00*					
USA, SEER (9 registries)	169	**0.2**	*0.01*	0.02	*0.00*					
*USA, SEER (9 registries): Black	15	**0.2**	*0.05*	0.02	*0.01*					
*USA, SEER (9 registries): White	128	**0.2**	*0.02*	0.02	*0.00*					
USA, SEER (18 registries)	420	**0.2**	*0.01*	0.02	*0.00*					
*USA, SEER (18 registries): Asian and Pacific Islander	46	**0.2**	*0.03*	0.03	*0.01*					
*USA, SEER (18 registries): Black	37	**0.2**	*0.03*	0.02	*0.00*					
*USA, SEER (18 registries): Hispanic White	32	**0.1**	*0.02*	0.01	*0.00*					
*USA, SEER (18 registries): Non–Hispanic White	285	**0.1**	*0.01*	0.02	*0.00*					
*USA, SEER (18 registries): White	317	**0.1**	*0.01*	0.02	*0.00*					
USA, Alabama	24	**0.2**	*0.04*	0.02	*0.00*					
USA, Alabama: Black	1	**0.0**	*0.03*	0.00	*0.00*					
USA, Alabama: White	23	**0.2**	*0.05*	0.02	*0.00*					
USA, Alaska	2	**0.1**	*0.09*	0.01	*0.01*					
*USA, Alaska: American Indian	1	**0.3**	*0.31*	–	-					
USA, Arizona	27	**0.1**	*0.03*	0.01	*0.00*					
USA, Arizona: American Indian	1	**0.2**	*0.19*	0.05	*0.05*					
USA, Arizona: Asian and Pacific Islander	0	-	-	–	-					
USA, Arizona: Black	0	-	-	–	-					
USA, Arizona: White	24	**0.1**	*0.03*	0.01	*0.00*					
USA, Arkansas	7	**0.1**	*0.03*	0.01	*0.00*					
USA, Arkansas: Black	3	**0.3**	*0.15*	0.03	*0.02*					
USA, Arkansas: White	4	**0.0**	*0.02*	0.00	*0.00*					
USA, California	168	**0.1**	*0.01*	0.02	*0.00*					
USA, California: American Indian	0	-	-	–	-					
USA, California: Asian and Pacific Islander	25	**0.2**	*0.04*	0.02	*0.01*					
USA, California: Black	11	**0.2**	*0.05*	0.01	*0.00*					
USA, California: White	119	**0.1**	*0.01*	0.01	*0.00*					
USA, California, Los Angeles County	60	**0.2**	*0.03*	0.02	*0.00*					
*USA, California, Los Angeles County: Asian and Pacific Islander	16	**0.4**	*0.09*	0.05	*0.02*					
*USA, California, Los Angeles County: Black	5	**0.2**	*0.08*	0.02	*0.01*					
*USA, California, Los Angeles County: Chinese	5	**0.3**	*0.16*	0.03	*0.02*					
*USA, California, Los Angeles County: Filipino	4	**0.5**	*0.27*	0.08	*0.05*					
*USA, California, Los Angeles County: Hispanic White	10	**0.1**	*0.04*	0.01	*0.01*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other male genital organs (C63) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	1	**0.3**	*0.26*	0.04	*0.04*					
*USA, California, Los Angeles County: Korean	4	**0.7**	*0.35*	0.12	*0.06*					
*USA, California, Los Angeles County: Non−Hispanic White	26	**0.2**	*0.04*	0.02	*0.01*					
*USA, California, Los Angeles County: White	36	**0.1**	*0.03*	0.02	*0.00*					
USA, California, San Francisco Bay Area	15	**0.1**	*0.03*	0.01	*0.00*					
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	3	**0.1**	*0.07*	0.02	*0.01*					
*USA, California, San Francisco Bay Area: Black	2	**0.1**	*0.10*	0.01	*0.01*					
*USA, California, San Francisco Bay Area: Hispanic White	1	**0.1**	*0.06*	0.01	*0.01*					
*USA, California, San Francisco Bay Area: Non−Hispanic White	7	**0.1**	*0.03*	0.01	*0.01*					
*USA, California, San Francisco Bay Area: White	8	**0.1**	*0.03*	0.01	*0.00*					
USA, Colorado	20	**0.1**	*0.03*	0.01	*0.00*					
USA, Colorado: Asian and Pacific Islander	0	**-**	-	–	-					
USA, Colorado: Black	0	**-**	-	–	-					
USA, Colorado: White	19	**0.1**	*0.03*	0.01	*0.00*					
USA, Connecticut	20	**0.2**	*0.04*	0.01	*0.00*					
*USA, Connecticut: Black	3	**0.3**	*0.20*	0.04	*0.03*					
*USA, Connecticut: White	17	**0.2**	*0.04*	0.01	*0.00*					
USA, Delaware	4	**0.1**	*0.08*	0.02	*0.01*					
USA, Delaware: Black	0	**-**	-	–	-					
USA, Delaware: White	4	**0.2**	*0.09*	0.02	*0.01*					
USA, Florida	101	**0.1**	*0.01*	0.02	*0.00*					
USA, Florida: Asian and Pacific Islander	0	**-**	-	–	-					
USA, Florida: Black	9	**0.1**	*0.05*	0.01	*0.01*					
USA, Florida: White	87	**0.1**	*0.02*	0.02	*0.00*					
USA, Georgia	38	**0.1**	*0.02*	0.02	*0.00*					
USA, Georgia: Asian and Pacific Islander	1	**0.2**	*0.21*	0.03	*0.03*					
USA, Georgia: Black	10	**0.2**	*0.06*	0.02	*0.01*					
USA, Georgia: White	27	**0.1**	*0.03*	0.01	*0.00*					
USA, Georgia, Atlanta	10	**0.1**	*0.04*	0.01	*0.00*					
*USA, Georgia, Atlanta: Black	4	**0.2**	*0.11*	0.02	*0.01*					
*USA, Georgia, Atlanta: White	6	**0.1**	*0.04*	0.01	*0.01*					
USA, Idaho	6	**0.1**	*0.06*	0.01	*0.01*					
USA, Illinois	52	**0.1**	*0.02*	0.02	*0.00*					
USA, Illinois: Asian and Pacific Islander	1	**0.1**	*0.06*	0.01	*0.01*					
USA, Illinois: Black	5	**0.1**	*0.05*	0.01	*0.00*					
USA, Illinois: White	43	**0.1**	*0.02*	0.02	*0.00*					
USA, Indiana	37	**0.2**	*0.03*	0.02	*0.00*					
USA, Indiana: Black	2	**0.1**	*0.09*	0.01	*0.01*					
USA, Indiana: White	31	**0.2**	*0.03*	0.02	*0.00*					
USA, Iowa	20	**0.2**	*0.04*	0.02	*0.01*					
USA, Kentucky	12	**0.1**	*0.03*	0.01	*0.00*					
USA, Louisiana	10	**0.1**	*0.03*	0.01	*0.00*					
*USA, Louisiana: Black	1	**0.0**	*0.05*	0.01	*0.01*					
*USA, Louisiana: White	8	**0.1**	*0.04*	0.01	*0.01*					
*USA, Louisiana, New Orleans	1	**0.1**	*0.07*	0.00	*0.00*					
*USA, Louisiana, New Orleans: Black	0	**-**	-	–	-					
*USA, Louisiana, New Orleans: White	1	**0.1**	*0.15*	0.01	*0.01*					
USA, Maine	8	**0.1**	*0.05*	0.01	*0.01*					
USA, Massachusetts	37	**0.2**	*0.03*	0.02	*0.00*					
USA, Massachusetts: Asian and Pacific Islander	1	**0.1**	*0.14*	0.02	*0.02*					
USA, Massachusetts: Black	1	**0.1**	*0.14*	0.02	*0.02*					
USA, Massachusetts: White	33	**0.2**	*0.03*	0.01	*0.00*					
USA, Michigan	54	**0.1**	*0.02*	0.02	*0.00*					
USA, Michigan: Asian and Pacific Islander	0	**-**	-	–	-					
USA, Michigan: Black	4	**0.1**	*0.06*	0.01	*0.01*					
USA, Michigan: White	50	**0.1**	*0.02*	0.02	*0.00*					
USA, Michigan, Detroit	27	**0.2**	*0.04*	0.02	*0.01*					
*USA, Michigan, Detroit: Black	6	**0.2**	*0.09*	0.02	*0.01*					
*USA, Michigan, Detroit: White	21	**0.2**	*0.04*	0.02	*0.01*					
USA, Mississippi	11	**0.1**	*0.03*	0.01	*0.01*					
USA, Missouri	26	**0.1**	*0.03*	0.01	*0.00*					
USA, Missouri: Black	0	**-**	-	–	-					
USA, Missouri: White	26	**0.1**	*0.03*	0.02	*0.00*					
USA, Montana	3	**0.1**	*0.04*	0.01	*0.00*					
USA, Montana: American Indian	1	**0.6**	*0.62*	0.06	*0.06*					
USA, Nebraska	11	**0.2**	*0.06*	0.02	*0.01*					
USA, Nebraska: Black	0	**-**	-	–	-					
USA, Nebraska: White	9	**0.2**	*0.05*	0.02	*0.01*					
USA, New Hampshire	12	**0.3**	*0.08*	0.03	*0.01*					
USA, New Jersey	47	**0.2**	*0.02*	0.02	*0.00*					
*USA, New Jersey: Black	4	**0.1**	*0.07*	0.01	*0.01*					
*USA, New Jersey: White	39	**0.2**	*0.03*	0.02	*0.00*					
USA, New Mexico	7	**0.1**	*0.04*	0.01	*0.00*					
*USA, New Mexico: Hispanic White	2	**0.1**	*0.08*	0.01	*0.01*					
*USA, New Mexico: Non−Hispanic White	5	**0.2**	*0.08*	0.01	*0.01*					
*USA, New Mexico: White	7	**0.1**	*0.05*	0.01	*0.01*					
USA, New York State	117	**0.2**	*0.02*	0.02	*0.00*					
USA, New York State: Asian and Pacific Islander	8	**0.3**	*0.09*	0.04	*0.01*					
USA, New York State: Black	14	**0.2**	*0.04*	0.01	*0.00*					
USA, New York State: White	94	**0.2**	*0.02*	0.02	*0.00*					
USA, North Carolina	32	**0.1**	*0.02*	0.01	*0.00*					
USA, North Carolina: American Indian	0	**-**	-	–	-					
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-					
USA, North Carolina: Black	8	**0.2**	*0.05*	0.01	*0.00*					
USA, North Carolina: White	23	**0.1**	*0.03*	0.01	*0.00*					
USA, North Dakota	3	**0.1**	*0.08*	0.02	*0.01*					
USA, Ohio	54	**0.1**	*0.02*	0.02	*0.00*					
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-					
USA, Ohio: Black	2	**0.1**	*0.05*	0.01	*0.01*					
USA, Ohio: White	50	**0.1**	*0.02*	0.02	*0.00*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other male genital organs (C63) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	16	**0.1**	*0.04*	0.01	*0.00*					
USA, Oklahoma: American Indian	0	**-**	-	–	-					
USA, Oklahoma: Black	2	**0.3**	*0.23*	0.03	*0.03*					
USA, Oklahoma: White	14	**0.2**	*0.04*	0.01	*0.00*					
USA, Oregon	24	**0.2**	*0.04*	0.02	*0.00*					
USA, Oregon: Asian and Pacific Islander	0	**-**	-	–	-					
USA, Oregon: Black	1	**0.4**	*0.42*	0.04	*0.04*					
USA, Oregon: White	23	**0.2**	*0.04*	0.02	*0.00*					
USA, Pennsylvania	71	**0.1**	*0.02*	0.01	*0.00*					
USA, Pennsylvania: Asian and Pacific Islander	1	**0.2**	*0.19*	0.01	*0.01*					
USA, Pennsylvania: Black	3	**0.1**	*0.05*	0.01	*0.00*					
USA, Pennsylvania: White	66	**0.1**	*0.02*	0.01	*0.00*					
USA, Rhode Island	3	**0.1**	*0.05*	0.02	*0.01*					
USA, Rhode Island: Black	0	**-**	-	–	-					
USA, Rhode Island: White	3	**0.1**	*0.06*	0.02	*0.01*					
USA, South Carolina	12	**0.1**	*0.02*	0.01	*0.00*					
USA, South Carolina: Black	1	**0.0**	*0.03*	0.00	*0.00*					
USA, South Carolina: White	11	**0.1**	*0.03*	0.01	*0.00*					
USA, South Dakota	3	**0.1**	*0.04*	0.00	*0.00*					
USA, Tennessee	23	**0.1**	*0.02*	0.01	*0.00*					
USA, Tennessee: Black	2	**0.1**	*0.05*	0.01	*0.00*					
USA, Tennessee: White	21	**0.1**	*0.03*	0.01	*0.00*					
USA, Texas	95	**0.1**	*0.02*	0.02	*0.00*					
USA, Texas: Asian and Pacific Islander	3	**0.2**	*0.12*	0.01	*0.01*					
USA, Texas: Black	12	**0.2**	*0.06*	0.02	*0.01*					
USA, Texas: White	78	**0.1**	*0.02*	0.01	*0.00*					
USA, Utah	11	**0.2**	*0.05*	0.03	*0.01*					
USA, Vermont	6	**0.3**	*0.11*	0.04	*0.02*					
USA, Virginia	27	**0.1**	*0.02*	0.01	*0.00*					
USA, Virginia: Asian and Pacific Islander	0	**-**	-	–	-					
USA, Virginia: Black	5	**0.1**	*0.05*	0.01	*0.00*					
USA, Virginia: White	22	**0.1**	*0.02*	0.01	*0.00*					
USA, Washington State	51	**0.2**	*0.04*	0.03	*0.01*					
USA, Washington, Seattle	42	**0.3**	*0.05*	0.03	*0.01*					
USA, West Virginia	8	**0.1**	*0.07*	0.01	*0.01*					
USA, Wisconsin	34	**0.1**	*0.03*	0.01	*0.00*					
USA, Wisconsin: Black	1	**0.2**	*0.20*	0.05	*0.05*					
USA, Wisconsin: White	31	**0.1**	*0.03*	0.01	*0.00*					
USA, Wyoming	0	**-**	-	–	-					
Asia										
Bahrain: Bahraini	0	**-**	-	–	-					
China, Beijing City	58	**0.2**	*0.03*	0.02	*0.00*					
*China, Cixian County	1	**0.1**	*0.10*	0.01	*0.01*					
China, Haining County	0	**-**	-	–	-					
*China, Harbin City, Nangang District	3	**0.1**	*0.06*	0.01	*0.01*					
China, Hong Kong	52	**0.2**	*0.03*	0.02	*0.00*					
China, Jiashan County	3	**0.2**	*0.10*	0.01	*0.01*					
China, Jiaxing City	4	**0.4**	*0.20*	0.02	*0.01*					
China, Macao	2	**0.2**	*0.12*	0.03	*0.03*					
China, Qidong County	2	**0.0**	*0.03*	0.01	*0.01*					
*China, Shanghai City	100	**0.4**	*0.04*	0.04	*0.01*					
*China, Wuhan City	16	**0.1**	*0.03*	0.01	*0.00*					
*China, Yangcheng County	0	**-**	-	–	-					
*China, Yanting County	0	**-**	-	–	-					
*China, Zhongshan City	5	**0.2**	*0.09*	0.02	*0.01*					
*India, Bangalore	6	**0.1**	*0.04*	0.02	*0.01*					
*India; Barshi, Paranda, and Bhum	0	**-**	-	–	-					
*India, Bhopal	0	**-**	-	–	-					
*India, Chennai	5	**0.0**	*0.02*	0.00	*0.00*					
*India, Dindigul, Ambilikkai	0	**-**	-	–	-					
*India, Karunagappally	0	**-**	-	–	-					
*India, Mizoram	0	**-**	-	–	-					
*India, Mumbai	15	**0.1**	*0.02*	0.01	*0.00*					
*India, New Delhi	17	**0.1**	*0.02*	0.01	*0.00*					
*India, Poona	1	**0.0**	*0.01*	0.00	*0.00*					
*India, Sikkim State	0	**-**	-	–	-					
*India, Trivandrum	2	**0.1**	*0.09*	0.01	*0.01*					
*Iran (Islamic Republic of), Golestan Province	1	**0.0**	*0.04*	0.00	*0.00*					
Israel	31	**0.2**	*0.03*	0.02	*0.00*					
*Israel: Jews	28	**0.2**	*0.03*	0.02	*0.00*					
*Israel: Non–Jews	3	**0.2**	*0.12*	0.03	*0.02*					
Japan, Aichi Prefecture	7	**0.1**	*0.04*	0.01	*0.01*					
Japan, Fukui Prefecture	5	**0.1**	*0.05*	0.02	*0.01*					
Japan, Hiroshima	23	**0.4**	*0.08*	0.05	*0.01*					
Japan, Miyagi Prefecture	20	**0.2**	*0.04*	0.02	*0.01*					
Japan, Nagasaki Prefecture	27	**0.3**	*0.08*	0.03	*0.01*					
Japan, Niigata Prefecture	15	**0.1**	*0.05*	0.01	*0.00*					
*Japan, Osaka Prefecture	64	**0.1**	*0.02*	0.01	*0.00*					
Japan, Saga Prefecture	15	**0.3**	*0.08*	0.04	*0.01*					
Republic of Korea	192	**0.2**	*0.01*	0.02	*0.00*					
Republic of Korea, Busan	16	**0.2**	*0.04*	0.02	*0.01*					
Republic of Korea, Daegu	15	**0.2**	*0.06*	0.04	*0.01*					
Republic of Korea, Daejeon	6	**0.2**	*0.09*	0.02	*0.01*					
Republic of Korea, Gwangju	1	**0.0**	*0.03*	0.00	*0.00*					
Republic of Korea, Incheon	7	**0.1**	*0.06*	0.02	*0.01*					
Republic of Korea, Jejudo	2	**0.2**	*0.13*	0.01	*0.01*					
Republic of Korea, Seoul	35	**0.2**	*0.03*	0.02	*0.00*					
Republic of Korea, Ulsan	3	**0.2**	*0.11*	0.01	*0.01*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other male genital organs (C63) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	0	-	-	–	-					
*Kuwait: Kuwaitis	0	-	-	–	-					
*Kuwait: Non–Kuwaitis	0	-	-	–	-					
*Malaysia, Penang	1	**0.0**	*0.03*	0.00	*0.00*					
*Malaysia, Penang: Chinese	0	-	-	–	-					
*Malaysia, Penang: Indian	0	-	-	–	-					
*Malaysia, Penang: Malay	1	**0.1**	*0.07*	0.00	*0.00*					
*Philippines, Manila	12	**0.2**	*0.05*	0.01	*0.00*					
*Philippines, Rizal	4	**0.1**	*0.03*	0.00	*0.00*					
Qatar: Qatari	0	-	-	–	-					
*Saudi Arabia, Riyadh: Saudi	1	**0.0**	*0.01*	0.00	*0.00*					
Singapore	38	**0.4**	*0.07*	0.06	*0.01*					
Singapore: Chinese	37	**0.5**	*0.08*	0.06	*0.01*					
Singapore: Indian	0	-	-	–	-					
Singapore: Malay	1	**0.1**	*0.11*	0.03	*0.03*					
Thailand, Bangkok	10	**0.1**	*0.02*	0.01	*0.00*					
Thailand, Chiang Mai	3	**0.1**	*0.04*	0.00	*0.00*					
Thailand, Chonburi	0	-	-	–	-					
*Thailand, Khon Kaen	0	-	-	–	-					
Thailand, Lampang	0	-	-	–	-					
*Thailand, Songkhla	4	**0.2**	*0.08*	0.02	*0.01*					
*Turkey, Antalya	2	**0.0**	*0.03*	0.00	*0.00*					
*Turkey, Edirne	0	-	-	–	-					
*Turkey, Izmir	8	**0.1**	*0.03*	0.01	*0.00*					
*Turkey, Trabzon	0	-	-	–	-					
Europe										
Austria	38	**0.1**	*0.02*	0.01	*0.00*					
Austria, Tyrol	2	**0.1**	*0.06*	0.01	*0.01*					
Austria, Vorarlberg	4	**0.4**	*0.19*	0.04	*0.02*					
*Belarus	26	**0.1**	*0.02*	0.01	*0.00*					
*Belgium	53	**0.2**	*0.03*	0.02	*0.00*					
Bulgaria	28	**0.1**	*0.02*	0.01	*0.00*					
Croatia	18	**0.1**	*0.03*	0.01	*0.00*					
Cyprus	1	**0.0**	*0.03*	–	-					
Czech Republic	72	**0.2**	*0.03*	0.02	*0.00*					
Denmark	27	**0.2**	*0.03*	0.02	*0.00*					
*Estonia	3	**0.1**	*0.05*	0.00	*0.00*					
Finland	17	**0.1**	*0.02*	0.01	*0.00*					
*France, Bas–Rhin	3	**0.1**	*0.05*	0.01	*0.01*					
*France, Calvados	5	**0.2**	*0.11*	0.03	*0.01*					
*France, Doubs	8	**0.5**	*0.19*	0.03	*0.01*					
*France, Haut–Rhin	2	**0.1**	*0.05*	0.01	*0.01*					
*France, Hérault	4	**0.1**	*0.03*	0.01	*0.01*					
*France, Isère	1	**0.0**	*0.02*	0.01	*0.01*					
*France, Loire–Atlantique	6	**0.1**	*0.06*	0.01	*0.01*					
*France, Manche	1	**0.1**	*0.07*	0.01	*0.01*					
*France, Somme	4	**0.2**	*0.10*	0.04	*0.02*					
*France, Tarn	1	**0.0**	*0.03*	–	-					
*France, Vendée	3	**0.1**	*0.08*	0.02	*0.01*					
Germany, Brandenburg	9	**0.1**	*0.03*	0.01	*0.00*					
Germany, Bremen	6	**0.2**	*0.07*	0.03	*0.01*					
Germany, Free State of Saxony	28	**0.1**	*0.02*	0.01	*0.00*					
Germany, Hamburg	14	**0.2**	*0.05*	0.01	*0.01*					
Germany, Mecklenburg–Western Pomerania	11	**0.2**	*0.05*	0.01	*0.01*					
Germany, Munich	10	**0.1**	*0.02*	0.01	*0.00*					
Germany, North Rhine–Westphalia	22	**0.2**	*0.04*	0.02	*0.01*					
Germany, Saarland	10	**0.2**	*0.06*	0.02	*0.01*					
Germany, Schleswig–Holstein	22	**0.1**	*0.03*	0.02	*0.00*					
Iceland	0	-	-	–	-					
Ireland	6	**0.0**	*0.02*	0.00	*0.00*					
Italy, Biella	2	**0.8**	*0.65*	0.04	*0.03*					
Italy, Brescia	16	**0.4**	*0.11*	0.06	*0.02*					
Italy, Catania and Messina	7	**0.2**	*0.09*	0.02	*0.01*					
Italy, Catanzaro	1	**0.1**	*0.08*	0.02	*0.02*					
Italy, Como	8	**0.3**	*0.12*	0.05	*0.02*					
Italy, Ferrara	3	**0.2**	*0.10*	0.02	*0.01*					
Italy, Florence and Prato	6	**0.3**	*0.16*	0.03	*0.01*					
Italy, Friuli–Venezia Giulia	8	**0.1**	*0.06*	0.01	*0.00*					
Italy, Genoa	5	**0.1**	*0.06*	0.01	*0.01*					
Italy, Latina	1	**0.0**	*0.03*	–	-					
Italy, Lecco	5	**0.4**	*0.18*	0.04	*0.02*					
Italy, Lombardy, South	12	**0.5**	*0.17*	0.05	*0.02*					
Italy, Mantua	3	**0.4**	*0.23*	0.04	*0.03*					
Italy, Milan	21	**0.5**	*0.13*	0.05	*0.01*					
Italy, Modena	11	**0.3**	*0.11*	0.04	*0.01*					
Italy, Naples	2	**0.2**	*0.11*	0.01	*0.01*					
Italy, Nuoro	0	-	-	–	-					
Italy, Palermo	9	**0.2**	*0.09*	0.02	*0.01*					
Italy, Parma	3	**0.2**	*0.11*	0.02	*0.01*					
Italy, Ragusa	0	-	-	–	-					
Italy, Reggio Emilia	8	**0.3**	*0.12*	0.03	*0.01*					
Italy, Romagna	9	**0.1**	*0.04*	0.01	*0.01*					
Italy, Salerno	5	**0.2**	*0.07*	0.01	*0.01*					
Italy, Sassari	1	**0.0**	*0.04*	–	-					
Italy, Sondrio	2	**0.2**	*0.17*	0.05	*0.03*					
Italy, South Tyrol	4	**0.2**	*0.12*	0.03	*0.02*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other male genital organs (C63) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	4	**0.3**	*0.14*	0.02	*0.01*					
Italy, Trapani	2	**0.1**	*0.10*	0.01	*0.01*					
Italy, Trento	5	**0.4**	*0.22*	0.04	*0.02*					
Italy, Turin	3	**0.1**	*0.06*	0.00	*0.00*					
Italy, Umbria	6	**0.1**	*0.05*	0.02	*0.01*					
Italy, Varese	13	**0.3**	*0.09*	0.05	*0.02*					
Italy, Veneto	11	**0.2**	*0.07*	0.02	*0.01*					
Latvia	6	**0.1**	*0.05*	0.01	*0.00*					
Lithuania	6	**0.1**	*0.02*	0.01	*0.00*					
Malta	4	**0.3**	*0.18*	0.04	*0.02*					
*The Netherlands	76	**0.1**	*0.02*	0.01	*0.00*					
*The Netherlands, Eindhoven	8	**0.2**	*0.07*	0.02	*0.01*					
Norway	36	**0.2**	*0.03*	0.02	*0.00*					
Poland, Cracow	4	**0.2**	*0.09*	0.01	*0.01*					
Poland, Kielce	4	**0.1**	*0.05*	0.01	*0.01*					
Poland, Lower Silesia	10	**0.1**	*0.03*	0.01	*0.00*					
Poland, Podkarpackie	10	**0.2**	*0.06*	0.02	*0.01*					
Portugal, Azores	0	**-**	-	–	-					
Russian Federation, Saint Petersburg	10	**0.1**	*0.02*	0.01	*0.00*					
*Serbia, Central	22	**0.1**	*0.03*	0.01	*0.00*					
Slovakia	16	**0.1**	*0.02*	0.01	*0.00*					
Slovenia	11	**0.2**	*0.05*	0.02	*0.01*					
Spain, Albacete	2	**0.2**	*0.11*	0.01	*0.01*					
Spain, Asturias	7	**0.1**	*0.06*	0.02	*0.01*					
Spain, Basque Country	12	**0.1**	*0.04*	0.01	*0.00*					
Spain, Canary Islands	5	**0.2**	*0.09*	0.01	*0.01*					
Spain, Ciudad Real	1	**0.1**	*0.09*	0.01	*0.01*					
Spain, Cuenca	4	**0.2**	*0.10*	0.02	*0.02*					
Spain, Girona	4	**0.2**	*0.13*	0.02	*0.01*					
*Spain, Granada	3	**0.0**	*0.03*	–	-					
Spain, La Rioja	2	**0.2**	*0.16*	0.03	*0.02*					
Spain, Mallorca	3	**0.1**	*0.03*	–	-					
Spain, Murcia	3	**0.0**	*0.02*	0.00	*0.00*					
Spain, Navarra	8	**0.4**	*0.13*	0.05	*0.02*					
Spain, Tarragona	5	**0.1**	*0.07*	0.02	*0.01*					
*Sweden	18	**0.0**	*0.01*	0.00	*0.00*					
Switzerland, Basel	2	**0.1**	*0.06*	0.01	*0.01*					
Switzerland, Geneva	5	**0.4**	*0.17*	0.03	*0.01*					
Switzerland, Graubünden and Glarus	4	**0.6**	*0.33*	0.07	*0.03*					
Switzerland, Neuchâtel	2	**0.2**	*0.16*	0.03	*0.03*					
Switzerland, St Gall–Appenzell	4	**0.2**	*0.09*	0.02	*0.01*					
Switzerland, Ticino	1	**0.0**	*0.03*	–	-					
Switzerland, Valais	0	**-**	-	–	-					
Switzerland, Vaud	11	**0.3**	*0.10*	0.01	*0.01*					
Switzerland, Zurich	6	**0.2**	*0.08*	0.02	*0.01*					
Ukraine	103	**0.1**	*0.01*	0.01	*0.00*					
UK, England	287	**0.1**	*0.01*	0.02	*0.00*					
UK, England, East of England Region	49	**0.2**	*0.04*	0.03	*0.00*					
UK, England, North Western	31	**0.1**	*0.02*	0.01	*0.00*					
UK, England, Northern and Yorkshire	36	**0.1**	*0.02*	0.01	*0.00*					
UK, England, Oxford Region	14	**0.2**	*0.05*	0.02	*0.01*					
UK, England, South and Western Regions	53	**0.2**	*0.03*	0.02	*0.00*					
UK, England, Thames	46	**0.1**	*0.02*	0.01	*0.00*					
UK, England, Trent	23	**0.2**	*0.04*	0.01	*0.00*					
UK, England, West Midlands	24	**0.1**	*0.02*	0.01	*0.00*					
UK, Northern Ireland	9	**0.1**	*0.04*	0.01	*0.00*					
UK, Scotland	47	**0.2**	*0.04*	0.02	*0.00*					
UK, Wales	21	**0.2**	*0.04*	0.02	*0.00*					
Oceania										
Australian Capital Territory	3	**0.3**	*0.20*	0.03	*0.02*					
Australia, New South Wales	41	**0.1**	*0.02*	0.01	*0.00*					
Australia, Northern Territory	3	**0.5**	*0.33*	0.07	*0.05*					
Australia, Northern Territory: Indigenous	2	**1.1**	*0.76*	0.09	*0.06*					
Australia, Northern Territory: Non–Indigenous	1	**0.3**	*0.31*	0.05	*0.05*					
Australia, Queensland	17	**0.1**	*0.03*	0.01	*0.00*					
South Australia	10	**0.1**	*0.05*	0.01	*0.01*					
Australia, Tasmania	10	**0.6**	*0.18*	0.06	*0.02*					
Australia, Victoria	25	**0.1**	*0.03*	0.01	*0.00*					
Western Australia	9	**0.1**	*0.05*	0.02	*0.01*					
New Zealand	18	**0.1**	*0.03*	0.01	*0.00*					
New Zealand: Maori	0	**-**	-	–	-					
New Zealand: Pacific Islander	0	**-**	-	–	-					
New Zealand: Other	18	**0.1**	*0.04*	0.01	*0.00*					
USA, Hawaii	17	**0.4**	*0.10*	0.05	*0.01*					
*USA, Hawaii: Chinese	0	**-**	-	–	-					
*USA, Hawaii: Filipino	2	**0.1**	*0.08*	–	-					
*USA, Hawaii: Hawaiian	1	**0.1**	*0.13*	0.01	*0.01*					
*USA, Hawaii: Japanese	10	**0.9**	*0.29*	0.13	*0.05*					
*USA, Hawaii: White	4	**0.4**	*0.19*	0.05	*0.03*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kidney (C64)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	25	**1.0**	*0.20*	–	-	18	**0.6**	*0.14*	–	-
Egypt, Gharbiah	180	**2.3**	*0.18*	0.26	*0.02*	118	**1.5**	*0.14*	0.16	*0.02*
*Libya, Benghazi	51	**3.9**	*0.56*	0.40	*0.08*	27	**2.0**	*0.40*	0.22	*0.06*
*Malawi, Blantyre	43	**1.5**	*0.27*	0.08	*0.02*	29	**1.2**	*0.26*	0.07	*0.02*
*South Africa, PROMEC	6	**0.3**	*0.13*	0.03	*0.01*	10	**0.4**	*0.13*	0.02	*0.01*
*Tunisia, North	153	**2.3**	*0.19*	0.27	*0.03*	99	**1.5**	*0.15*	0.16	*0.02*
*Uganda, Kyadondo County	40	**1.1**	*0.24*	0.07	*0.02*	41	**1.7**	*0.37*	0.19	*0.05*
*Zimbabwe, Harare: African	31	**1.6**	*0.38*	0.10	*0.03*	21	**1.0**	*0.29*	0.09	*0.03*
America, Central and South										
Argentina, Bahía Blanca	94	**11.2**	*1.22*	1.56	*0.18*	47	**3.7**	*0.62*	0.40	*0.08*
Argentina, Córdoba	323	**12.3**	*0.69*	1.43	*0.09*	164	**4.6**	*0.38*	0.51	*0.05*
Argentina, Mendoza	390	**9.1**	*0.47*	1.13	*0.07*	230	**4.8**	*0.33*	0.55	*0.04*
*Argentina, Tierra del Fuego	24	**13.4**	*2.94*	1.67	*0.44*	20	**10.4**	*2.44*	1.51	*0.43*
Brazil, Aracaju	41	**6.8**	*1.11*	0.80	*0.16*	29	**3.1**	*0.61*	0.36	*0.09*
Brazil, Belo Horizonte	147	**5.6**	*0.47*	0.63	*0.06*	124	**3.3**	*0.31*	0.35	*0.04*
Brazil, Cuiabá	28	**3.1**	*0.63*	0.35	*0.08*	22	**2.0**	*0.45*	0.18	*0.05*
Brazil, Fortaleza	75	**2.5**	*0.30*	0.28	*0.04*	92	**2.3**	*0.24*	0.26	*0.03*
Brazil, Goiânia	165	**7.9**	*0.63*	0.92	*0.09*	127	**5.0**	*0.46*	0.58	*0.06*
*Brazil, São Paulo	1428	**6.5**	*0.19*	0.75	*0.03*	909	**3.1**	*0.11*	0.33	*0.01*
Chile, Region of Antofagasta	111	**10.2**	*0.99*	1.23	*0.15*	69	**5.6**	*0.69*	0.65	*0.10*
Chile, Bío Bío Province	65	**6.5**	*0.82*	0.78	*0.12*	36	**3.4**	*0.58*	0.43	*0.08*
Chile, Valdivia	107	**11.0**	*1.08*	1.42	*0.16*	63	**5.7**	*0.74*	0.67	*0.10*
Colombia, Bucaramanga	50	**2.4**	*0.35*	0.26	*0.04*	34	**1.3**	*0.22*	0.13	*0.03*
Colombia, Cali	183	**4.4**	*0.33*	0.51	*0.05*	154	**2.9**	*0.24*	0.35	*0.03*
Colombia, Manizales	27	**3.2**	*0.64*	0.33	*0.08*	27	**2.4**	*0.46*	0.28	*0.06*
Colombia, Pasto	15	**1.7**	*0.46*	0.15	*0.05*	13	**1.4**	*0.40*	0.10	*0.03*
Costa Rica	359	**4.1**	*0.22*	0.50	*0.03*	230	**2.4**	*0.16*	0.28	*0.02*
Cuba, Villa Clara	83	**3.6**	*0.41*	0.43	*0.05*	67	**3.1**	*0.44*	0.32	*0.05*
Ecuador, Cuenca	21	**2.5**	*0.56*	0.26	*0.07*	23	**2.1**	*0.46*	0.29	*0.07*
Ecuador, Quito	119	**4.3**	*0.41*	0.50	*0.06*	98	**3.0**	*0.31*	0.37	*0.04*
*France, Martinique	38	**3.1**	*0.52*	0.35	*0.07*	20	**1.3**	*0.33*	0.11	*0.03*
*Jamaica, Kingston and St Andrew	29	**2.0**	*0.37*	0.18	*0.05*	22	**1.4**	*0.31*	0.12	*0.03*
USA, Puerto Rico	652	**5.3**	*0.21*	0.64	*0.03*	410	**2.8**	*0.15*	0.31	*0.02*
Uruguay	827	**13.4**	*0.48*	1.60	*0.07*	455	**5.7**	*0.29*	0.69	*0.04*
America, North										
Canada	12363	**10.5**	*0.10*	1.23	*0.01*	7842	**5.8**	*0.07*	0.67	*0.01*
Canada, Alberta	1176	**11.1**	*0.34*	1.31	*0.05*	691	**6.1**	*0.25*	0.73	*0.03*
Canada, British Columbia	1240	**7.5**	*0.23*	0.89	*0.03*	694	**3.8**	*0.16*	0.44	*0.02*
Canada, Manitoba	572	**13.2**	*0.58*	1.66	*0.08*	334	**6.6**	*0.41*	0.75	*0.05*
Canada, New Brunswick	420	**14.6**	*0.74*	1.73	*0.10*	268	**8.5**	*0.59*	1.02	*0.07*
Canada, Newfoundland and Labrador	228	**11.4**	*0.79*	1.39	*0.11*	131	**6.3**	*0.61*	0.66	*0.07*
*Canada, Northwest Territories	7	**6.9**	*2.82*	0.90	*0.48*	6	**7.2**	*3.14*	1.00	*0.53*
Canada, Nova Scotia	526	**14.2**	*0.65*	1.66	*0.09*	363	**8.7**	*0.52*	1.02	*0.07*
Canada, Ontario	4364	**9.9**	*0.16*	1.16	*0.02*	2920	**5.7**	*0.12*	0.66	*0.02*
Canada, Prince Edward Island	73	**14.3**	*1.72*	1.78	*0.24*	40	**6.6**	*1.13*	0.83	*0.16*
*Canada, Quebec	3344	**11.5**	*0.21*	1.33	*0.03*	2148	**6.2**	*0.15*	0.70	*0.02*
Canada, Saskatchewan	409	**10.7**	*0.57*	1.26	*0.08*	246	**5.7**	*0.42*	0.63	*0.05*
*Canada, Yukon	4	**4.7**	*2.37*	0.92	*0.50*	1	**0.8**	*0.81*	0.10	*0.10*
USA, NPCR (42 states)	116256	**13.2**	*0.04*	1.60	*0.01*	72827	**7.1**	*0.03*	0.83	*0.00*
USA, NPCR (42 states): American Indian	835	**12.5**	*0.44*	1.52	*0.07*	593	**7.9**	*0.33*	0.91	*0.05*
USA, NPCR (42 states): Asian and Pacific Islander	1507	**4.9**	*0.13*	0.58	*0.02*	933	**2.4**	*0.08*	0.29	*0.01*
USA, NPCR (42 states): Black	12134	**14.8**	*0.14*	1.79	*0.02*	8371	**7.6**	*0.09*	0.89	*0.01*
USA, NPCR (42 states): White	100348	**13.2**	*0.04*	1.59	*0.01*	62156	**7.1**	*0.03*	0.83	*0.00*
USA, SEER (9 registries)	11162	**12.3**	*0.12*	1.48	*0.02*	6992	**6.6**	*0.09*	0.76	*0.01*
*USA, SEER (9 registries): Black	1185	**15.3**	*0.46*	1.86	*0.07*	767	**7.3**	*0.28*	0.86	*0.04*
*USA, SEER (9 registries): White	9123	**12.4**	*0.14*	1.49	*0.02*	5672	**6.7**	*0.10*	0.78	*0.01*
USA, SEER (18 registries)	32358	**12.4**	*0.07*	1.49	*0.01*	19897	**6.5**	*0.05*	0.76	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	1392	**6.5**	*0.18*	0.77	*0.03*	827	**3.2**	*0.12*	0.37	*0.02*
*USA, SEER (18 registries): Black	3372	**14.8**	*0.26*	1.81	*0.04*	2176	**7.2**	*0.16*	0.85	*0.02*
*USA, SEER (18 registries): Hispanic White	3478	**12.2**	*0.22*	1.49	*0.03*	2371	**7.1**	*0.15*	0.83	*0.02*
*USA, SEER (18 registries): Non–Hispanic White	23652	**12.8**	*0.09*	1.53	*0.01*	14220	**6.7**	*0.06*	0.79	*0.01*
*USA, SEER (18 registries): White	27130	**12.7**	*0.08*	1.52	*0.01*	16591	**6.7**	*0.06*	0.79	*0.01*
USA, Alabama	2087	**13.6**	*0.31*	1.64	*0.04*	1341	**7.4**	*0.22*	0.86	*0.03*
USA, Alabama: Black	415	**14.4**	*0.72*	1.69	*0.10*	302	**7.3**	*0.45*	0.87	*0.06*
USA, Alabama: White	1659	**13.5**	*0.34*	1.64	*0.05*	1030	**7.5**	*0.26*	0.87	*0.03*
USA, Alaska	239	**12.7**	*0.85*	1.45	*0.12*	143	**7.6**	*0.65*	0.91	*0.10*
*USA, Alaska: American Indian	45	**17.1**	*2.60*	1.86	*0.37*	31	**10.7**	*1.97*	1.14	*0.26*
USA, Arizona	2435	**12.2**	*0.26*	1.46	*0.04*	1538	**6.8**	*0.19*	0.80	*0.02*
USA, Arizona: American Indian	137	**21.9**	*1.91*	2.46	*0.27*	70	**9.2**	*1.11*	1.14	*0.16*
USA, Arizona: Asian and Pacific Islander	16	**4.9**	*1.24*	0.59	*0.17*	11	**2.2**	*0.66*	0.22	*0.08*
USA, Arizona: Black	60	**11.0**	*1.47*	1.34	*0.22*	48	**8.5**	*1.25*	1.04	*0.19*
USA, Arizona: White	2191	**11.9**	*0.27*	1.43	*0.04*	1395	**6.7**	*0.20*	0.79	*0.03*
USA, Arkansas	1394	**14.3**	*0.40*	1.71	*0.05*	878	**7.8**	*0.28*	0.93	*0.04*
USA, Arkansas: Black	149	**15.1**	*1.28*	1.83	*0.18*	115	**8.9**	*0.88*	1.08	*0.12*
USA, Arkansas: White	1236	**14.3**	*0.43*	1.72	*0.06*	753	**7.6**	*0.30*	0.91	*0.04*
USA, California	12365	**11.3**	*0.11*	1.36	*0.02*	7168	**5.7**	*0.07*	0.67	*0.01*
USA, California: American Indian	75	**6.7**	*0.80*	0.85	*0.12*	49	**3.7**	*0.55*	0.46	*0.09*
USA, California: Asian and Pacific Islander	754	**5.5**	*0.21*	0.66	*0.03*	458	**2.7**	*0.13*	0.32	*0.02*
USA, California: Black	885	**14.1**	*0.48*	1.74	*0.07*	506	**6.4**	*0.30*	0.73	*0.04*
USA, California: White	10496	**11.9**	*0.12*	1.44	*0.02*	6085	**6.1**	*0.08*	0.72	*0.01*
USA, California, Los Angeles County	2948	**10.6**	*0.20*	1.27	*0.03*	1758	**5.3**	*0.14*	0.63	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander	250	**5.8**	*0.38*	0.71	*0.05*	154	**2.9**	*0.26*	0.35	*0.03*
*USA, California, Los Angeles County: Black	313	**12.0**	*0.69*	1.44	*0.10*	210	**5.9**	*0.43*	0.72	*0.06*
*USA, California, Los Angeles County: Chinese	55	**4.2**	*0.61*	0.52	*0.09*	35	**2.1**	*0.37*	0.25	*0.06*
*USA, California, Los Angeles County: Filipino	80	**9.7**	*1.12*	1.14	*0.15*	48	**4.0**	*0.63*	0.45	*0.08*
*USA, California, Los Angeles County: Hispanic White	896	**11.7**	*0.41*	1.45	*0.06*	582	**6.0**	*0.26*	0.71	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kidney (C64) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	30	**5.9**	*1.29*	0.73	*0.17*	17	**3.6**	*1.23*	0.37	*0.11*
*USA, California, Los Angeles County: Korean	40	**6.4**	*1.02*	0.73	*0.14*	20	**2.4**	*0.57*	0.29	*0.08*
*USA, California, Los Angeles County: Non−Hispanic White	1469	**11.4**	*0.32*	1.35	*0.04*	801	**5.7**	*0.23*	0.66	*0.03*
*USA, California, Los Angeles County: White	2365	**11.5**	*0.25*	1.38	*0.04*	1383	**5.7**	*0.17*	0.68	*0.02*
USA, California, San Francisco Bay Area	1481	**10.4**	*0.28*	1.28	*0.04*	895	**5.4**	*0.20*	0.64	*0.03*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	192	**6.0**	*0.45*	0.69	*0.06*	121	**3.2**	*0.30*	0.41	*0.04*
*USA, California, San Francisco Bay Area: Black	174	**15.2**	*1.18*	1.95	*0.18*	113	**7.5**	*0.75*	0.88	*0.10*
*USA, California, San Francisco Bay Area: Hispanic White	182	**12.4**	*0.98*	1.46	*0.14*	138	**7.8**	*0.70*	0.89	*0.10*
*USA, California, San Francisco Bay Area: Non−Hispanic White	916	**10.9**	*0.38*	1.36	*0.06*	507	**5.2**	*0.27*	0.62	*0.04*
*USA, California, San Francisco Bay Area: White	1098	**11.2**	*0.35*	1.38	*0.05*	645	**5.7**	*0.25*	0.67	*0.03*
USA, Colorado	1697	**11.7**	*0.29*	1.44	*0.04*	964	**5.7**	*0.20*	0.65	*0.03*
USA, Colorado: Asian and Pacific Islander	8	**2.5**	*0.91*	0.24	*0.13*	9	**2.5**	*0.85*	0.35	*0.13*
USA, Colorado: Black	64	**13.7**	*1.79*	1.57	*0.25*	36	**7.0**	*1.20*	0.84	*0.18*
USA, Colorado: White	1595	**11.7**	*0.30*	1.45	*0.04*	904	**5.7**	*0.20*	0.65	*0.03*
USA, Connecticut	1620	**13.2**	*0.35*	1.55	*0.05*	1023	**6.8**	*0.24*	0.80	*0.03*
*USA, Connecticut: Black	118	**14.4**	*1.35*	1.74	*0.19*	67	**5.7**	*0.71*	0.59	*0.09*
*USA, Connecticut: White	1469	**13.2**	*0.36*	1.55	*0.05*	939	**7.0**	*0.26*	0.82	*0.03*
USA, Delaware	400	**13.6**	*0.71*	1.55	*0.09*	253	**7.4**	*0.50*	0.85	*0.06*
USA, Delaware: Black	73	**17.6**	*2.09*	2.16	*0.31*	46	**8.2**	*1.25*	0.90	*0.16*
USA, Delaware: White	321	**13.0**	*0.78*	1.46	*0.10*	202	**7.1**	*0.54*	0.84	*0.07*
USA, Florida	8657	**12.3**	*0.14*	1.51	*0.02*	5234	**6.5**	*0.10*	0.75	*0.01*
USA, Florida: Asian and Pacific Islander	39	**3.4**	*0.56*	0.34	*0.07*	20	**1.3**	*0.31*	0.14	*0.04*
USA, Florida: Black	746	**11.6**	*0.43*	1.43	*0.06*	511	**6.2**	*0.29*	0.71	*0.04*
USA, Florida: White	7775	**12.5**	*0.15*	1.52	*0.02*	4648	**6.6**	*0.11*	0.76	*0.01*
USA, Georgia	3272	**12.5**	*0.22*	1.52	*0.03*	2110	**6.8**	*0.16*	0.80	*0.02*
USA, Georgia: Asian and Pacific Islander	18	**3.3**	*0.80*	0.44	*0.13*	8	**1.3**	*0.46*	0.13	*0.07*
USA, Georgia: Black	777	**14.1**	*0.52*	1.79	*0.08*	568	**7.2**	*0.31*	0.84	*0.04*
USA, Georgia: White	2463	**12.3**	*0.25*	1.48	*0.04*	1525	**6.8**	*0.18*	0.81	*0.02*
USA, Georgia, Atlanta	932	**11.3**	*0.38*	1.39	*0.06*	620	**6.1**	*0.26*	0.70	*0.04*
*USA, Georgia, Atlanta: Black	303	**13.0**	*0.80*	1.60	*0.12*	236	**7.2**	*0.49*	0.85	*0.07*
*USA, Georgia, Atlanta: White	617	**11.2**	*0.47*	1.38	*0.07*	373	**5.8**	*0.32*	0.66	*0.04*
USA, Idaho	568	**12.1**	*0.52*	1.46	*0.07*	337	**6.6**	*0.39*	0.80	*0.05*
USA, Illinois	5870	**14.3**	*0.19*	1.71	*0.03*	3804	**7.7**	*0.14*	0.92	*0.02*
USA, Illinois: Asian and Pacific Islander	61	**4.3**	*0.56*	0.44	*0.07*	34	**2.2**	*0.39*	0.31	*0.06*
USA, Illinois: Black	787	**17.1**	*0.62*	2.01	*0.09*	536	**8.5**	*0.38*	1.02	*0.05*
USA, Illinois: White	4943	**14.1**	*0.21*	1.70	*0.03*	3200	**7.8**	*0.15*	0.92	*0.02*
USA, Indiana	2993	**14.3**	*0.27*	1.71	*0.04*	2065	**8.4**	*0.20*	0.99	*0.03*
USA, Indiana: Black	210	**15.5**	*1.10*	1.68	*0.15*	139	**8.3**	*0.73*	0.99	*0.10*
USA, Indiana: White	2734	**14.2**	*0.28*	1.70	*0.04*	1885	**8.3**	*0.21*	0.99	*0.03*
USA, Iowa	1541	**14.3**	*0.38*	1.68	*0.05*	974	**7.6**	*0.28*	0.89	*0.04*
USA, Kentucky	2157	**15.1**	*0.33*	1.77	*0.05*	1407	**8.4**	*0.24*	0.98	*0.03*
USA, Louisiana	1767	**15.8**	*0.39*	1.87	*0.05*	1210	**8.9**	*0.27*	1.06	*0.04*
*USA, Louisiana: Black	422	**15.6**	*0.77*	1.75	*0.10*	309	**8.6**	*0.51*	1.04	*0.07*
*USA, Louisiana: White	1333	**16.0**	*0.45*	1.93	*0.06*	893	**9.2**	*0.34*	1.09	*0.04*
*USA, Louisiana, New Orleans	366	**16.7**	*0.90*	2.01	*0.13*	221	**7.9**	*0.59*	0.94	*0.08*
*USA, Louisiana, New Orleans: Black	116	**18.0**	*1.71*	2.08	*0.24*	66	**7.3**	*0.93*	0.94	*0.14*
*USA, Louisiana, New Orleans: White	245	**16.3**	*1.09*	2.03	*0.16*	154	**9.0**	*0.87*	1.01	*0.10*
USA, Maine	655	**13.0**	*0.53*	1.58	*0.07*	471	**8.0**	*0.41*	0.95	*0.05*
USA, Massachusetts	3149	**14.0**	*0.26*	1.64	*0.04*	1932	**7.0**	*0.18*	0.84	*0.02*
USA, Massachusetts: Asian and Pacific Islander	36	**5.5**	*0.94*	0.71	*0.15*	21	**2.4**	*0.56*	0.28	*0.09*
USA, Massachusetts: Black	140	**13.9**	*1.21*	1.65	*0.18*	83	**6.7**	*0.76*	0.80	*0.10*
USA, Massachusetts: White	2941	**14.2**	*0.28*	1.66	*0.04*	1810	**7.2**	*0.19*	0.85	*0.03*
USA, Michigan	4507	**13.1**	*0.20*	1.58	*0.03*	3009	**7.5**	*0.15*	0.88	*0.02*
USA, Michigan: Asian and Pacific Islander	19	**3.7**	*0.87*	0.51	*0.14*	15	**2.7**	*0.71*	0.30	*0.10*
USA, Michigan: Black	596	**16.5**	*0.70*	1.97	*0.10*	419	**8.7**	*0.45*	1.06	*0.06*
USA, Michigan: White	3771	**12.5**	*0.21*	1.50	*0.03*	2512	**7.3**	*0.16*	0.85	*0.02*
USA, Michigan, Detroit	1831	**13.8**	*0.34*	1.68	*0.05*	1234	**7.7**	*0.24*	0.89	*0.03*
*USA, Michigan, Detroit: Black	430	**16.5**	*0.82*	1.99	*0.12*	299	**8.3**	*0.50*	1.01	*0.07*
*USA, Michigan, Detroit: White	1362	**13.2**	*0.38*	1.62	*0.05*	910	**7.6**	*0.28*	0.87	*0.04*
USA, Mississippi	1370	**15.2**	*0.42*	1.89	*0.06*	890	**8.0**	*0.29*	0.95	*0.04*
USA, Missouri	2963	**14.7**	*0.28*	1.76	*0.04*	1867	**7.8**	*0.20*	0.91	*0.03*
USA, Missouri: Black	276	**17.7**	*1.09*	2.12	*0.15*	205	**9.4**	*0.69*	1.08	*0.09*
USA, Missouri: White	2656	**14.5**	*0.29*	1.73	*0.04*	1643	**7.6**	*0.21*	0.90	*0.03*
USA, Montana	390	**10.9**	*0.58*	1.35	*0.08*	236	**6.2**	*0.45*	0.77	*0.06*
USA, Montana: American Indian	31	**23.7**	*4.35*	3.06	*0.64*	21	**14.0**	*3.10*	2.01	*0.50*
USA, Nebraska	774	**12.9**	*0.48*	1.53	*0.07*	505	**7.3**	*0.36*	0.85	*0.05*
USA, Nebraska: Black	23	**14.8**	*3.18*	1.65	*0.43*	17	**8.3**	*2.11*	0.82	*0.27*
USA, Nebraska: White	726	**12.5**	*0.49*	1.49	*0.07*	469	**7.2**	*0.37*	0.84	*0.05*
USA, New Hampshire	573	**12.5**	*0.55*	1.43	*0.07*	343	**6.7**	*0.40*	0.77	*0.05*
USA, New Jersey	4001	**13.6**	*0.22*	1.64	*0.03*	2495	**6.9**	*0.15*	0.81	*0.02*
*USA, New Jersey: Black	436	**14.0**	*0.68*	1.71	*0.10*	287	**6.8**	*0.41*	0.84	*0.06*
*USA, New Jersey: White	3422	**13.9**	*0.25*	1.68	*0.04*	2119	**7.1**	*0.18*	0.83	*0.02*
USA, New Mexico	737	**11.4**	*0.44*	1.37	*0.06*	468	**6.3**	*0.31*	0.73	*0.04*
*USA, New Mexico: Hispanic White	291	**13.8**	*0.83*	1.65	*0.12*	179	**7.3**	*0.57*	0.80	*0.07*
*USA, New Mexico: Non−Hispanic White	357	**9.3**	*0.54*	1.14	*0.07*	228	**5.3**	*0.40*	0.63	*0.05*
*USA, New Mexico: White	648	**11.1**	*0.45*	1.33	*0.06*	407	**6.0**	*0.32*	0.69	*0.04*
USA, New York State	8965	**13.8**	*0.15*	1.65	*0.02*	5404	**6.7**	*0.10*	0.79	*0.01*
USA, New York State: Asian and Pacific Islander	178	**4.8**	*0.37*	0.57	*0.05*	102	**2.5**	*0.25*	0.27	*0.03*
USA, New York State: Black	997	**12.0**	*0.39*	1.45	*0.05*	703	**5.9**	*0.23*	0.67	*0.03*
USA, New York State: White	7630	**14.4**	*0.17*	1.74	*0.02*	4492	**7.0**	*0.12*	0.83	*0.02*
USA, North Carolina	4358	**15.3**	*0.24*	1.86	*0.03*	2475	**7.3**	*0.16*	0.84	*0.02*
USA, North Carolina: American Indian	31	**10.7**	*1.96*	1.36	*0.30*	33	**9.3**	*1.69*	0.89	*0.21*
USA, North Carolina: Asian and Pacific Islander	14	**3.8**	*1.06*	0.37	*0.12*	11	**2.4**	*0.75*	0.21	*0.08*
USA, North Carolina: Black	851	**18.2**	*0.64*	2.18	*0.09*	532	**8.4**	*0.39*	0.99	*0.05*
USA, North Carolina: White	3434	**14.7**	*0.26*	1.80	*0.04*	1886	**7.0**	*0.18*	0.81	*0.02*
USA, North Dakota	302	**12.9**	*0.80*	1.59	*0.11*	194	**7.2**	*0.58*	0.88	*0.08*
USA, Ohio	5163	**13.1**	*0.19*	1.58	*0.03*	3654	**7.7**	*0.14*	0.92	*0.02*
USA, Ohio: Asian and Pacific Islander	10	**2.6**	*0.85*	0.41	*0.16*	10	**1.8**	*0.60*	0.21	*0.07*
USA, Ohio: Black	558	**16.1**	*0.70*	1.98	*0.10*	404	**8.8**	*0.46*	1.01	*0.06*
USA, Ohio: White	4538	**12.8**	*0.20*	1.54	*0.03*	3204	**7.6**	*0.15*	0.91	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kidney (C64) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	1747	**14.4**	*0.36*	1.75	*0.05*	1128	**7.9**	*0.26*	0.90	*0.03*
USA, Oklahoma: American Indian	181	**23.2**	*1.75*	2.82	*0.25*	146	**15.8**	*1.35*	1.79	*0.18*
USA, Oklahoma: Black	83	**12.9**	*1.45*	1.63	*0.22*	57	**7.0**	*0.96*	0.88	*0.14*
USA, Oklahoma: White	1468	**13.8**	*0.38*	1.68	*0.05*	921	**7.4**	*0.28*	0.84	*0.03*
USA, Oregon	1537	**11.7**	*0.31*	1.38	*0.04*	980	**6.8**	*0.24*	0.80	*0.03*
USA, Oregon: Asian and Pacific Islander	15	**4.2**	*1.11*	0.37	*0.15*	8	**1.5**	*0.55*	0.09	*0.06*
USA, Oregon: Black	28	**15.7**	*3.07*	1.60	*0.39*	18	**10.4**	*2.57*	1.08	*0.32*
USA, Oregon: White	1423	**11.4**	*0.32*	1.35	*0.04*	910	**6.7**	*0.24*	0.78	*0.03*
USA, Pennsylvania	6552	**14.2**	*0.19*	1.72	*0.03*	4262	**7.5**	*0.13*	0.87	*0.02*
USA, Pennsylvania: Asian and Pacific Islander	23	**3.4**	*0.72*	0.40	*0.10*	22	**2.9**	*0.64*	0.38	*0.11*
USA, Pennsylvania: Black	557	**16.8**	*0.73*	1.95	*0.10*	408	**8.7**	*0.46*	1.02	*0.06*
USA, Pennsylvania: White	5875	**14.0**	*0.19*	1.70	*0.03*	3799	**7.4**	*0.14*	0.86	*0.02*
USA, Rhode Island	538	**14.4**	*0.66*	1.73	*0.09*	359	**7.7**	*0.47*	0.86	*0.06*
USA, Rhode Island: Black	24	**16.7**	*3.54*	2.04	*0.53*	11	**6.5**	*2.00*	0.79	*0.28*
USA, Rhode Island: White	504	**14.3**	*0.68*	1.72	*0.10*	345	**7.9**	*0.51*	0.87	*0.06*
USA, South Carolina	1873	**13.0**	*0.31*	1.58	*0.04*	1290	**7.4**	*0.22*	0.85	*0.03*
USA, South Carolina: Black	412	**13.2**	*0.66*	1.60	*0.09*	365	**8.3**	*0.46*	0.91	*0.06*
USA, South Carolina: White	1447	**13.0**	*0.35*	1.58	*0.05*	919	**7.3**	*0.26*	0.84	*0.03*
USA, South Dakota	343	**12.0**	*0.69*	1.43	*0.10*	238	**7.4**	*0.54*	0.88	*0.07*
USA, Tennessee	2829	**14.0**	*0.27*	1.69	*0.04*	1786	**7.6**	*0.19*	0.89	*0.02*
USA, Tennessee: Black	326	**14.6**	*0.84*	1.76	*0.12*	292	**9.2**	*0.56*	1.09	*0.08*
USA, Tennessee: White	2480	**14.0**	*0.29*	1.69	*0.04*	1477	**7.3**	*0.21*	0.86	*0.03*
USA, Texas	9929	**15.0**	*0.15*	1.80	*0.02*	6485	**8.4**	*0.11*	0.99	*0.02*
USA, Texas: Asian and Pacific Islander	66	**3.7**	*0.47*	0.42	*0.07*	36	**1.7**	*0.28*	0.16	*0.04*
USA, Texas: Black	1046	**17.2**	*0.55*	2.09	*0.08*	719	**9.1**	*0.35*	1.04	*0.05*
USA, Texas: White	8639	**14.9**	*0.16*	1.80	*0.02*	5622	**8.4**	*0.12*	1.00	*0.02*
USA, Utah	586	**9.0**	*0.38*	1.08	*0.06*	397	**5.5**	*0.29*	0.64	*0.04*
USA, Vermont	295	**12.5**	*0.75*	1.48	*0.11*	193	**7.3**	*0.58*	0.84	*0.08*
USA, Virginia	3101	**12.6**	*0.23*	1.52	*0.03*	1840	**6.4**	*0.16*	0.76	*0.02*
USA, Virginia: Asian and Pacific Islander	36	**4.3**	*0.73*	0.63	*0.12*	28	**2.5**	*0.48*	0.25	*0.06*
USA, Virginia: Black	571	**15.0**	*0.65*	1.80	*0.09*	384	**7.8**	*0.42*	0.91	*0.06*
USA, Virginia: White	2446	**12.3**	*0.26*	1.49	*0.04*	1405	**6.2**	*0.18*	0.74	*0.02*
USA, Washington State	2701	**12.8**	*0.26*	1.51	*0.04*	1621	**6.9**	*0.19*	0.79	*0.02*
USA, Washington, Seattle	1935	**13.5**	*0.32*	1.60	*0.04*	1137	**7.1**	*0.23*	0.81	*0.03*
USA, West Virginia	963	**13.8**	*0.47*	1.61	*0.06*	648	**8.0**	*0.35*	0.98	*0.05*
USA, Wisconsin	2698	**13.9**	*0.28*	1.67	*0.04*	1614	**7.3**	*0.20*	0.86	*0.03*
USA, Wisconsin: Black	111	**17.2**	*1.70*	2.06	*0.24*	69	**8.5**	*1.06*	1.01	*0.15*
USA, Wisconsin: White	2506	**13.5**	*0.28*	1.64	*0.04*	1496	**7.2**	*0.21*	0.85	*0.03*
USA, Wyoming	232	**12.7**	*0.87*	1.54	*0.12*	124	**6.5**	*0.63*	0.77	*0.08*
Asia										
Bahrain: Bahraini	32	**4.3**	*0.78*	0.54	*0.12*	24	**2.9**	*0.62*	0.30	*0.08*
China, Beijing City	1785	**6.4**	*0.17*	0.75	*0.02*	825	**2.9**	*0.12*	0.34	*0.01*
*China, Cixian County	16	**1.3**	*0.34*	0.23	*0.06*	10	**1.0**	*0.33*	0.07	*0.03*
China, Haining County	22	**1.0**	*0.22*	0.11	*0.03*	11	**0.5**	*0.15*	0.05	*0.02*
*China, Harbin City, Nangang District	174	**6.1**	*0.50*	0.69	*0.06*	77	**2.4**	*0.28*	0.30	*0.04*
China, Hong Kong	1101	**4.5**	*0.14*	0.53	*0.02*	550	**2.1**	*0.11*	0.22	*0.01*
China, Jiashan County	33	**2.1**	*0.37*	0.28	*0.06*	19	**1.5**	*0.40*	0.18	*0.05*
China, Jiaxing City	46	**4.0**	*0.60*	0.46	*0.08*	16	**1.3**	*0.33*	0.14	*0.04*
China, Macao	31	**2.5**	*0.47*	0.27	*0.07*	24	**1.8**	*0.41*	0.25	*0.06*
China, Qidong County	49	**1.1**	*0.16*	0.12	*0.02*	26	**0.6**	*0.13*	0.07	*0.02*
*China, Shanghai City	1736	**6.3**	*0.17*	0.71	*0.02*	956	**3.3**	*0.12*	0.37	*0.01*
*China, Wuhan City	490	**3.5**	*0.17*	0.41	*0.02*	266	**2.2**	*0.18*	0.24	*0.02*
*China, Yangcheng County	10	**1.2**	*0.38*	0.14	*0.05*	5	**0.5**	*0.22*	0.06	*0.03*
*China, Yanting County	3	**0.2**	*0.10*	0.02	*0.01*	5	**0.4**	*0.17*	0.02	*0.01*
*China, Zhongshan City	64	**2.4**	*0.31*	0.26	*0.04*	38	**1.4**	*0.24*	0.12	*0.02*
*India, Bangalore	121	**1.7**	*0.16*	0.21	*0.02*	71	**1.1**	*0.13*	0.13	*0.02*
*India; Barshi, Paranda, and Bhum	11	**0.8**	*0.26*	0.05	*0.02*	3	**0.3**	*0.16*	0.02	*0.01*
*India, Bhopal	33	**1.4**	*0.26*	0.15	*0.03*	14	**0.6**	*0.17*	0.06	*0.02*
*India, Chennai	145	**1.5**	*0.13*	0.18	*0.02*	68	**0.7**	*0.09*	0.08	*0.01*
*India, Dindigul, Ambilikkai	30	**0.7**	*0.12*	0.07	*0.01*	18	**0.4**	*0.10*	0.04	*0.01*
*India, Karunagappally	16	**1.6**	*0.41*	0.18	*0.05*	2	**0.2**	*0.16*	0.02	*0.01*
*India, Mizoram	11	**0.6**	*0.19*	0.05	*0.02*	11	**0.6**	*0.19*	0.05	*0.02*
*India, Mumbai	520	**2.1**	*0.10*	0.25	*0.01*	250	**1.0**	*0.07*	0.11	*0.01*
*India, New Delhi	640	**2.6**	*0.11*	0.31	*0.02*	278	**1.1**	*0.07*	0.12	*0.01*
*India, Poona	133	**1.8**	*0.16*	0.20	*0.02*	62	**0.8**	*0.11*	0.09	*0.01*
*India, Sikkim State	7	**0.7**	*0.26*	0.04	*0.02*	2	**0.2**	*0.18*	0.03	*0.02*
*India, Trivandrum	31	**2.0**	*0.36*	0.22	*0.05*	8	**0.4**	*0.16*	0.04	*0.02*
*Iran (Islamic Republic of), Golestan Province	34	**2.1**	*0.38*	0.26	*0.05*	20	**1.2**	*0.29*	0.13	*0.03*
Israel	2071	**11.5**	*0.26*	1.41	*0.04*	1233	**5.6**	*0.17*	0.66	*0.02*
*Israel: Jews	1966	**12.3**	*0.29*	1.50	*0.04*	1163	**5.9**	*0.19*	0.69	*0.03*
*Israel: Non–Jews	105	**5.5**	*0.56*	0.62	*0.08*	70	**3.2**	*0.40*	0.37	*0.06*
Japan, Aichi Prefecture	335	**5.8**	*0.34*	0.70	*0.04*	112	**1.8**	*0.19*	0.22	*0.02*
Japan, Fukui Prefecture	276	**6.9**	*0.46*	0.80	*0.06*	128	**2.7**	*0.31*	0.30	*0.03*
Japan, Hiroshima	406	**8.4**	*0.44*	0.99	*0.06*	186	**3.2**	*0.26*	0.38	*0.03*
Japan, Miyagi Prefecture	779	**7.5**	*0.29*	0.89	*0.04*	376	**2.9**	*0.18*	0.35	*0.02*
Japan, Nagasaki Prefecture	441	**6.2**	*0.34*	0.71	*0.04*	199	**2.2**	*0.20*	0.24	*0.02*
Japan, Niigata Prefecture	598	**5.0**	*0.24*	0.58	*0.03*	273	**1.7**	*0.13*	0.19	*0.02*
*Japan, Osaka Prefecture	1831	**4.5**	*0.12*	0.52	*0.01*	880	**1.7**	*0.07*	0.19	*0.01*
Japan, Saga Prefecture	219	**5.4**	*0.40*	0.64	*0.05*	117	**1.9**	*0.23*	0.22	*0.03*
Republic of Korea	8154	**6.1**	*0.07*	0.71	*0.01*	3794	**2.5**	*0.04*	0.28	*0.01*
Republic of Korea, Busan	642	**6.2**	*0.26*	0.74	*0.04*	340	**2.9**	*0.17*	0.33	*0.02*
Republic of Korea, Daegu	411	**6.4**	*0.33*	0.73	*0.04*	219	**2.8**	*0.20*	0.32	*0.03*
Republic of Korea, Daejeon	230	**6.6**	*0.45*	0.86	*0.07*	88	**2.2**	*0.25*	0.26	*0.03*
Republic of Korea, Gwangju	197	**5.6**	*0.41*	0.66	*0.06*	94	**2.3**	*0.25*	0.28	*0.03*
Republic of Korea, Incheon	371	**5.6**	*0.31*	0.64	*0.04*	176	**2.4**	*0.19*	0.28	*0.02*
Republic of Korea, Jejudo	92	**7.5**	*0.80*	0.85	*0.10*	31	**2.0**	*0.40*	0.21	*0.05*
Republic of Korea, Seoul	1894	**7.1**	*0.17*	0.84	*0.02*	805	**2.6**	*0.10*	0.29	*0.01*
Republic of Korea, Ulsan	179	**6.8**	*0.56*	0.81	*0.08*	68	**2.4**	*0.31*	0.30	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kidney (C64) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	93	**2.5**	*0.33*	0.26	*0.04*	47	**1.7**	*0.28*	0.21	*0.04*
*Kuwait: Kuwaitis	50	**4.1**	*0.61*	0.45	*0.08*	27	**1.8**	*0.37*	0.22	*0.05*
*Kuwait: Non−Kuwaitis	43	**1.5**	*0.35*	0.17	*0.06*	20	**1.7**	*0.48*	0.20	*0.07*
*Malaysia, Penang	78	**3.3**	*0.38*	0.41	*0.06*	44	**1.7**	*0.26*	0.20	*0.03*
*Malaysia, Penang: Chinese	57	**4.0**	*0.54*	0.47	*0.07*	31	**2.1**	*0.37*	0.26	*0.05*
*Malaysia, Penang: Indian	5	**2.3**	*1.14*	0.44	*0.26*	6	**1.9**	*0.78*	0.19	*0.08*
*Malaysia, Penang: Malay	16	**2.0**	*0.54*	0.29	*0.09*	7	**0.7**	*0.28*	0.07	*0.03*
*Philippines, Manila	396	**4.8**	*0.27*	0.57	*0.04*	221	**2.1**	*0.15*	0.21	*0.02*
*Philippines, Rizal	334	**3.7**	*0.22*	0.43	*0.03*	203	**1.9**	*0.14*	0.22	*0.02*
Qatar: Qatari	16	**5.2**	*1.36*	0.65	*0.22*	8	**2.4**	*0.89*	0.26	*0.11*
*Saudi Arabia, Riyadh: Saudi	178	**3.5**	*0.28*	0.39	*0.04*	121	**2.3**	*0.23*	0.25	*0.03*
Singapore	549	**5.4**	*0.24*	0.66	*0.03*	266	**2.5**	*0.16*	0.29	*0.02*
Singapore: Chinese	447	**5.5**	*0.27*	0.69	*0.04*	220	**2.5**	*0.18*	0.30	*0.02*
Singapore: Indian	36	**5.0**	*0.88*	0.60	*0.12*	20	**3.0**	*0.70*	0.41	*0.11*
Singapore: Malay	48	**4.3**	*0.66*	0.48	*0.09*	21	**1.7**	*0.39*	0.22	*0.06*
Thailand, Bangkok	208	**1.5**	*0.11*	0.17	*0.02*	118	**0.7**	*0.06*	0.07	*0.01*
Thailand, Chiang Mai	81	**1.9**	*0.23*	0.22	*0.03*	33	**0.8**	*0.16*	0.08	*0.02*
Thailand, Chonburi	25	**1.0**	*0.21*	0.10	*0.03*	15	**0.5**	*0.14*	0.05	*0.02*
*Thailand, Khon Kaen	37	**0.9**	*0.15*	0.09	*0.02*	32	**0.7**	*0.12*	0.06	*0.01*
Thailand, Lampang	35	**1.4**	*0.25*	0.18	*0.04*	12	**0.5**	*0.14*	0.05	*0.02*
*Thailand, Songkhla	40	**1.6**	*0.26*	0.18	*0.03*	23	**0.9**	*0.18*	0.10	*0.02*
*Turkey, Antalya	163	**4.5**	*0.36*	0.55	*0.05*	88	**2.4**	*0.26*	0.27	*0.03*
*Turkey, Edirne	35	**3.5**	*0.60*	0.37	*0.07*	18	**2.1**	*0.54*	0.20	*0.05*
*Turkey, Izmir	523	**5.7**	*0.25*	0.68	*0.03*	322	**3.3**	*0.19*	0.36	*0.02*
*Turkey, Trabzon	41	**3.9**	*0.62*	0.44	*0.08*	20	**1.5**	*0.34*	0.15	*0.04*
Europe										
Austria	3760	**11.7**	*0.20*	1.43	*0.03*	2537	**6.1**	*0.14*	0.73	*0.02*
Austria, Tyrol	258	**10.4**	*0.67*	1.25	*0.09*	198	**6.2**	*0.48*	0.76	*0.07*
Austria, Vorarlberg	144	**11.3**	*0.95*	1.51	*0.14*	82	**5.3**	*0.65*	0.61	*0.08*
*Belarus	4411	**15.0**	*0.23*	1.79	*0.03*	3164	**7.7**	*0.15*	0.89	*0.02*
*Belgium	3377	**9.9**	*0.18*	1.22	*0.02*	2107	**5.3**	*0.13*	0.63	*0.02*
Bulgaria	2002	**6.7**	*0.16*	0.80	*0.02*	1044	**3.0**	*0.11*	0.35	*0.01*
Croatia	1865	**11.3**	*0.28*	1.31	*0.03*	1142	**5.2**	*0.18*	0.61	*0.02*
Cyprus	121	**4.8**	*0.48*	0.56	*0.06*	61	**2.1**	*0.28*	0.25	*0.04*
Czech Republic	8523	**22.1**	*0.25*	2.71	*0.03*	5036	**9.9**	*0.16*	1.21	*0.02*
Denmark	1863	**8.4**	*0.20*	1.04	*0.03*	1076	**4.1**	*0.14*	0.49	*0.02*
*Estonia	728	**16.0**	*0.61*	1.96	*0.08*	505	**6.9**	*0.35*	0.82	*0.04*
Finland	2023	**9.4**	*0.22*	1.11	*0.03*	1663	**5.8**	*0.17*	0.66	*0.02*
*France, Bas−Rhin	589	**15.3**	*0.65*	1.88	*0.09*	316	**6.7**	*0.44*	0.81	*0.06*
*France, Calvados	302	**12.3**	*0.75*	1.50	*0.10*	168	**5.2**	*0.47*	0.57	*0.06*
*France, Doubs	231	**11.9**	*0.82*	1.39	*0.11*	124	**5.4**	*0.56*	0.64	*0.07*
*France, Haut−Rhin	309	**11.0**	*0.65*	1.40	*0.09*	189	**6.0**	*0.48*	0.75	*0.06*
*France, Hérault	491	**12.2**	*0.59*	1.40	*0.08*	199	**4.4**	*0.37*	0.50	*0.04*
*France, Isère	459	**10.8**	*0.53*	1.29	*0.07*	227	**4.5**	*0.33*	0.49	*0.04*
*France, Loire−Atlantique	543	**12.7**	*0.58*	1.51	*0.08*	281	**5.2**	*0.35*	0.57	*0.04*
*France, Manche	195	**9.4**	*0.73*	1.10	*0.09*	103	**3.2**	*0.39*	0.38	*0.05*
*France, Somme	229	**10.7**	*0.75*	1.29	*0.10*	145	**5.6**	*0.54*	0.69	*0.07*
*France, Tarn	214	**11.8**	*0.94*	1.34	*0.12*	122	**6.2**	*0.72*	0.69	*0.08*
*France, Vendée	259	**10.1**	*0.67*	1.24	*0.09*	120	**4.3**	*0.47*	0.48	*0.05*
Germany, Brandenburg	1874	**16.1**	*0.39*	1.97	*0.05*	1180	**8.2**	*0.28*	1.00	*0.03*
Germany, Bremen	330	**11.2**	*0.69*	1.32	*0.09*	214	**5.1**	*0.40*	0.58	*0.05*
Germany, Free State of Saxony	3068	**14.9**	*0.29*	1.83	*0.04*	2111	**7.7**	*0.20*	0.96	*0.03*
Germany, Hamburg	710	**10.1**	*0.41*	1.17	*0.05*	410	**4.4**	*0.27*	0.50	*0.03*
Germany, Mecklenburg−Western Pomerania	1273	**16.9**	*0.50*	2.09	*0.06*	764	**8.1**	*0.35*	0.98	*0.04*
Germany, Munich	1931	**11.8**	*0.29*	1.45	*0.04*	1126	**5.3**	*0.19*	0.61	*0.02*
Germany, North Rhine−Westphalia	1206	**10.9**	*0.34*	1.32	*0.04*	694	**4.9**	*0.23*	0.58	*0.03*
Germany, Saarland	554	**11.1**	*0.50*	1.39	*0.07*	294	**4.5**	*0.30*	0.53	*0.04*
Germany, Schleswig−Holstein	1283	**10.0**	*0.30*	1.21	*0.04*	767	**4.8**	*0.21*	0.55	*0.03*
Iceland	138	**13.5**	*1.20*	1.67	*0.18*	88	**8.3**	*0.95*	1.06	*0.14*
Ireland	1220	**9.2**	*0.27*	1.11	*0.04*	748	**5.1**	*0.20*	0.60	*0.03*
Italy, Biella	100	**10.3**	*1.11*	1.20	*0.15*	70	**5.4**	*0.97*	0.62	*0.10*
Italy, Brescia	502	**14.4**	*0.67*	1.75	*0.09*	252	**6.0**	*0.46*	0.70	*0.05*
Italy, Catania and Messina	284	**7.1**	*0.45*	0.84	*0.06*	175	**3.7**	*0.32*	0.40	*0.04*
Italy, Catanzaro	61	**6.2**	*0.84*	0.77	*0.11*	30	**3.0**	*0.70*	0.37	*0.08*
Italy, Como	323	**13.6**	*0.82*	1.64	*0.10*	195	**5.6**	*0.48*	0.69	*0.06*
Italy, Ferrara	276	**14.7**	*0.95*	1.78	*0.13*	170	**7.6**	*0.79*	0.83	*0.08*
Italy, Florence and Prato	529	**15.6**	*0.75*	1.86	*0.09*	287	**6.7**	*0.49*	0.78	*0.06*
Italy, Friuli−Venezia Giulia	818	**13.7**	*0.53*	1.69	*0.07*	476	**6.4**	*0.37*	0.74	*0.04*
Italy, Genoa	440	**11.4**	*0.62*	1.34	*0.08*	251	**5.4**	*0.44*	0.64	*0.05*
Italy, Latina	165	**7.7**	*0.64*	0.91	*0.08*	99	**4.1**	*0.48*	0.45	*0.06*
Italy, Lecco	204	**14.1**	*1.02*	1.69	*0.14*	118	**7.0**	*0.79*	0.79	*0.09*
Italy, Lombardy, South	274	**13.8**	*0.89*	1.71	*0.12*	142	**5.3**	*0.57*	0.63	*0.07*
Italy, Mantua	172	**15.4**	*1.25*	1.90	*0.17*	81	**5.0**	*0.76*	0.55	*0.09*
Italy, Milan	618	**12.1**	*0.55*	1.49	*0.07*	352	**5.2**	*0.38*	0.59	*0.04*
Italy, Modena	414	**13.3**	*0.71*	1.61	*0.09*	246	**6.2**	*0.48*	0.74	*0.06*
Italy, Naples	121	**7.1**	*0.66*	0.88	*0.09*	84	**4.2**	*0.48*	0.50	*0.06*
Italy, Nuoro	91	**9.0**	*1.00*	1.11	*0.13*	41	**3.7**	*0.74*	0.43	*0.08*
Italy, Palermo	265	**7.2**	*0.47*	0.87	*0.06*	165	**3.9**	*0.36*	0.43	*0.04*
Italy, Parma	259	**12.5**	*0.87*	1.48	*0.11*	149	**5.9**	*0.62*	0.67	*0.07*
Italy, Ragusa	79	**6.6**	*0.79*	0.70	*0.09*	41	**3.2**	*0.59*	0.39	*0.07*
Italy, Reggio Emilia	290	**12.7**	*0.82*	1.52	*0.11*	159	**5.5**	*0.54*	0.65	*0.07*
Italy, Romagna	801	**14.2**	*0.58*	1.69	*0.07*	449	**6.2**	*0.37*	0.70	*0.04*
Italy, Salerno	320	**7.9**	*0.48*	0.94	*0.06*	156	**3.3**	*0.31*	0.33	*0.03*
Italy, Sassari	199	**10.4**	*0.78*	1.31	*0.11*	79	**3.8**	*0.49*	0.42	*0.06*
Italy, Sondrio	125	**16.0**	*1.49*	1.89	*0.20*	60	**6.5**	*1.04*	0.76	*0.12*
Italy, South Tyrol	166	**10.6**	*0.85*	1.39	*0.13*	103	**5.3**	*0.61*	0.62	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kidney (C64) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	99	**6.5**	*0.71*	0.71	*0.08*	48	**3.1**	*0.58*	0.30	*0.05*
Italy, Trapani	123	**8.2**	*0.80*	0.94	*0.10*	58	**3.6**	*0.62*	0.36	*0.06*
Italy, Trento	144	**8.3**	*0.74*	1.05	*0.10*	70	**3.5**	*0.57*	0.35	*0.06*
Italy, Turin	460	**10.6**	*0.55*	1.34	*0.07*	213	**3.8**	*0.35*	0.40	*0.04*
Italy, Umbria	533	**12.9**	*0.64*	1.56	*0.08*	279	**5.2**	*0.40*	0.61	*0.05*
Italy, Varese	526	**14.4**	*0.68*	1.68	*0.09*	255	**5.3**	*0.43*	0.60	*0.05*
Italy, Veneto	1124	**14.0**	*0.45*	1.72	*0.06*	656	**6.0**	*0.27*	0.72	*0.04*
Latvia	955	**15.6**	*0.52*	1.90	*0.07*	748	**7.6**	*0.32*	0.90	*0.04*
Lithuania	1924	**17.6**	*0.41*	2.16	*0.06*	1364	**8.1**	*0.25*	1.01	*0.03*
Malta	110	**7.1**	*0.70*	0.80	*0.09*	64	**3.7**	*0.52*	0.44	*0.06*
*The Netherlands	5532	**8.8**	*0.12*	1.08	*0.02*	3522	**4.9**	*0.09*	0.59	*0.01*
*The Netherlands, Eindhoven	347	**8.7**	*0.49*	1.06	*0.07*	235	**5.1**	*0.37*	0.63	*0.05*
Norway	1841	**10.1**	*0.25*	1.20	*0.04*	1111	**5.2**	*0.18*	0.59	*0.02*
Poland, Cracow	198	**9.4**	*0.68*	1.19	*0.10*	178	**5.9**	*0.50*	0.73	*0.07*
Poland, Kielce	464	**10.7**	*0.52*	1.28	*0.07*	284	**4.9**	*0.34*	0.57	*0.04*
Poland, Lower Silesia	1122	**11.6**	*0.37*	1.39	*0.05*	756	**5.9**	*0.25*	0.72	*0.03*
Poland, Podkarpackie	816	**12.6**	*0.46*	1.57	*0.06*	511	**6.4**	*0.32*	0.74	*0.04*
Portugal, Azores	56	**7.3**	*1.00*	0.94	*0.15*	39	**5.0**	*0.84*	0.62	*0.11*
Russian Federation, Saint Petersburg	1791	**12.6**	*0.31*	1.49	*0.04*	1618	**6.4**	*0.19*	0.75	*0.02*
*Serbia, Central	1314	**6.1**	*0.18*	0.73	*0.02*	861	**3.4**	*0.13*	0.40	*0.02*
Slovakia	2494	**15.1**	*0.31*	1.87	*0.04*	1607	**7.5**	*0.21*	0.90	*0.03*
Slovenia	821	**11.0**	*0.40*	1.31	*0.05*	460	**4.8**	*0.26*	0.57	*0.03*
Spain, Albacete	123	**7.8**	*0.82*	0.81	*0.09*	43	**2.5**	*0.46*	0.26	*0.05*
Spain, Asturias	550	**11.4**	*0.55*	1.38	*0.07*	244	**3.9**	*0.29*	0.47	*0.04*
Spain, Basque Country	1072	**11.5**	*0.38*	1.34	*0.05*	514	**4.6**	*0.25*	0.47	*0.03*
Spain, Canary Islands	218	**5.2**	*0.37*	0.61	*0.05*	112	**2.5**	*0.27*	0.26	*0.03*
Spain, Ciudad Real	90	**5.8**	*0.69*	0.68	*0.08*	60	**3.4**	*0.59*	0.38	*0.06*
Spain, Cuenca	64	**6.0**	*0.88*	0.70	*0.11*	23	**2.1**	*0.69*	0.22	*0.06*
Spain, Girona	242	**8.9**	*0.61*	1.09	*0.09*	115	**4.1**	*0.46*	0.44	*0.05*
*Spain, Granada	195	**6.4**	*0.51*	0.76	*0.06*	110	**3.1**	*0.36*	0.31	*0.04*
Spain, La Rioja	126	**9.5**	*0.93*	1.08	*0.12*	50	**3.4**	*0.69*	0.34	*0.07*
Spain, Mallorca	248	**9.3**	*0.63*	1.07	*0.08*	106	**3.5**	*0.40*	0.37	*0.05*
Spain, Murcia	293	**6.4**	*0.40*	0.71	*0.05*	127	**2.4**	*0.24*	0.27	*0.03*
Spain, Navarra	223	**8.8**	*0.65*	1.04	*0.09*	117	**4.2**	*0.49*	0.43	*0.05*
Spain, Tarragona	229	**8.0**	*0.57*	0.92	*0.07*	115	**3.6**	*0.40*	0.39	*0.05*
*Sweden	2760	**7.1**	*0.15*	0.87	*0.02*	1857	**4.4**	*0.12*	0.53	*0.02*
Switzerland, Basel	148	**7.0**	*0.61*	0.92	*0.09*	75	**2.6**	*0.35*	0.30	*0.05*
Switzerland, Geneva	151	**9.2**	*0.78*	1.07	*0.11*	71	**3.0**	*0.42*	0.31	*0.05*
Switzerland, Graubünden and Glarus	83	**9.7**	*1.26*	1.11	*0.15*	50	**4.4**	*0.81*	0.47	*0.09*
Switzerland, Neuchâtel	70	**10.3**	*1.29*	1.27	*0.18*	35	**3.5**	*0.71*	0.37	*0.09*
Switzerland, St Gall−Appenzell	183	**9.0**	*0.70*	1.08	*0.10*	94	**3.9**	*0.52*	0.41	*0.06*
Switzerland, Ticino	149	**10.5**	*0.97*	1.22	*0.12*	74	**5.4**	*0.79*	0.60	*0.08*
Switzerland, Valais	84	**7.3**	*0.82*	0.86	*0.11*	57	**3.5**	*0.52*	0.42	*0.08*
Switzerland, Vaud	213	**8.5**	*0.62*	0.99	*0.08*	112	**3.4**	*0.38*	0.37	*0.05*
Switzerland, Zurich	411	**7.8**	*0.42*	0.91	*0.06*	202	**3.2**	*0.28*	0.35	*0.03*
Ukraine	14553	**9.9**	*0.09*	1.17	*0.01*	9741	**4.8**	*0.06*	0.56	*0.01*
UK, England	16839	**8.2**	*0.07*	0.95	*0.01*	10287	**4.3**	*0.05*	0.50	*0.01*
UK, England, East of England Region	1823	**7.6**	*0.19*	0.87	*0.03*	1092	**4.1**	*0.15*	0.47	*0.02*
UK, England, North Western	2063	**7.8**	*0.19*	0.91	*0.02*	1299	**4.2**	*0.14*	0.50	*0.02*
UK, England, Northern and Yorkshire	2534	**9.1**	*0.19*	1.06	*0.03*	1659	**5.0**	*0.14*	0.58	*0.02*
UK, England, Oxford Region	808	**7.6**	*0.28*	0.87	*0.04*	463	**3.9**	*0.20*	0.46	*0.03*
UK, England, South and Western Regions	2875	**9.2**	*0.19*	1.07	*0.02*	1747	**4.9**	*0.14*	0.54	*0.02*
UK, England, Thames	3265	**7.6**	*0.14*	0.87	*0.02*	1926	**3.9**	*0.10*	0.43	*0.01*
UK, England, Trent	1164	**9.2**	*0.29*	1.08	*0.04*	691	**4.8**	*0.22*	0.53	*0.03*
UK, England, West Midlands	1638	**7.4**	*0.20*	0.89	*0.03*	1013	**4.0**	*0.15*	0.47	*0.02*
UK, Northern Ireland	514	**8.4**	*0.38*	0.99	*0.05*	347	**4.8**	*0.29*	0.56	*0.04*
UK, Scotland	1955	**9.3**	*0.22*	1.10	*0.03*	1292	**4.8**	*0.16*	0.56	*0.02*
UK, Wales	1250	**9.5**	*0.29*	1.10	*0.04*	767	**5.1**	*0.22*	0.59	*0.03*
Oceania										
Australian Capital Territory	111	**11.4**	*1.12*	1.28	*0.15*	50	**4.5**	*0.67*	0.53	*0.10*
Australia, New South Wales	2530	**10.2**	*0.21*	1.20	*0.03*	1385	**5.0**	*0.15*	0.57	*0.02*
Australia, Northern Territory	38	**7.8**	*1.31*	1.05	*0.20*	15	**3.5**	*0.96*	0.34	*0.11*
Australia, Northern Territory: Indigenous	3	**5.6**	*3.22*	0.78	*0.46*	4	**3.5**	*1.85*	0.37	*0.21*
Australia, Northern Territory: Non−Indigenous	35	**8.4**	*1.49*	1.11	*0.22*	11	**3.6**	*1.15*	0.35	*0.14*
Australia, Queensland	1525	**10.6**	*0.28*	1.23	*0.04*	764	**5.0**	*0.19*	0.57	*0.03*
South Australia	685	**11.3**	*0.46*	1.33	*0.06*	385	**5.5**	*0.32*	0.64	*0.04*
Australia, Tasmania	217	**12.1**	*0.87*	1.36	*0.11*	130	**6.7**	*0.66*	0.72	*0.08*
Australia, Victoria	1909	**10.4**	*0.25*	1.23	*0.03*	1048	**5.1**	*0.18*	0.58	*0.02*
Western Australia	687	**9.7**	*0.38*	1.10	*0.05*	360	**4.9**	*0.28*	0.59	*0.04*
New Zealand	1285	**9.2**	*0.27*	1.12	*0.04*	704	**4.5**	*0.19*	0.51	*0.02*
New Zealand: Maori	119	**11.1**	*1.07*	1.33	*0.15*	60	**5.0**	*0.67*	0.50	*0.08*
New Zealand: Pacific Islander	37	**8.6**	*1.46*	1.00	*0.19*	9	**1.8**	*0.61*	0.27	*0.11*
New Zealand: Other	1129	**8.9**	*0.28*	1.09	*0.04*	635	**4.6**	*0.21*	0.52	*0.03*
USA, Hawaii	499	**11.3**	*0.53*	1.36	*0.07*	244	**4.9**	*0.34*	0.57	*0.04*
*USA, Hawaii: Chinese	37	**12.3**	*2.29*	1.66	*0.36*	14	**4.3**	*1.22*	0.67	*0.20*
*USA, Hawaii: Filipino	65	**12.7**	*1.66*	1.58	*0.23*	25	**3.7**	*0.77*	0.46	*0.11*
*USA, Hawaii: Hawaiian	78	**12.9**	*1.52*	1.70	*0.24*	45	**5.9**	*0.91*	0.76	*0.13*
*USA, Hawaii: Japanese	110	**9.4**	*0.97*	1.09	*0.13*	84	**5.1**	*0.69*	0.59	*0.09*
*USA, Hawaii: White	158	**13.1**	*1.12*	1.59	*0.15*	57	**5.1**	*0.78*	0.50	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Renal pelvis (C65)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	0	-	-	–	-	0	-	-	–	-
Egypt, Gharbiah	38	**0.6**	*0.09*	0.08	*0.02*	5	**0.1**	*0.03*	0.01	*0.00*
*Libya, Benghazi	2	**0.1**	*0.10*	0.01	*0.01*	0	-	-	–	-
*Malawi, Blantyre	0	-	-	–	-	0	-	-	–	-
*South Africa, PROMEC	0	-	-	–	-	0	-	-	–	-
*Tunisia, North	6	**0.1**	*0.04*	0.01	*0.01*	4	**0.1**	*0.03*	0.01	*0.00*
*Uganda, Kyadondo County	1	**0.1**	*0.11*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
*Zimbabwe, Harare: African	0	-	-	–	-	0	-	-	–	-
America, Central and South										
Argentina, Bahía Blanca	0	-	-	–	-	1	**0.1**	*0.10*	0.02	*0.02*
Argentina, Córdoba	8	**0.3**	*0.10*	0.03	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
Argentina, Mendoza	4	**0.1**	*0.05*	0.01	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
*Argentina, Tierra del Fuego	0	-	-	–	-	0	-	-	–	-
Brazil, Aracaju	4	**0.6**	*0.30*	0.03	*0.02*	0	-	-	–	-
Brazil, Belo Horizonte	6	**0.2**	*0.10*	0.03	*0.02*	5	**0.1**	*0.05*	0.00	*0.00*
Brazil, Cuiabá	0	-	-	–	-	0	-	-	–	-
Brazil, Fortaleza	0	-	-	–	-	0	-	-	–	-
Brazil, Goiânia	0	-	-	–	-	0	-	-	–	-
*Brazil, São Paulo	26	**0.1**	*0.02*	0.02	*0.00*	12	**0.0**	*0.01*	0.01	*0.00*
Chile, Region of Antofagasta	1	**0.1**	*0.11*	–	-	4	**0.3**	*0.15*	0.03	*0.02*
Chile, Bío Bío Province	3	**0.3**	*0.18*	0.03	*0.02*	0	-	-	–	-
Chile, Valdivia	0	-	-	–	-	1	**0.1**	*0.10*	0.02	*0.02*
Colombia, Bucaramanga	2	**0.1**	*0.08*	0.02	*0.02*	2	**0.1**	*0.06*	0.02	*0.01*
Colombia, Cali	8	**0.2**	*0.07*	0.02	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
Colombia, Manizales	0	-	-	–	-	0	-	-	–	-
Colombia, Pasto	0	-	-	–	-	0	-	-	–	-
Costa Rica	6	**0.1**	*0.03*	0.01	*0.00*	6	**0.1**	*0.03*	0.01	*0.00*
Cuba, Villa Clara	2	**0.1**	*0.05*	0.01	*0.01*	6	**0.1**	*0.06*	0.01	*0.01*
Ecuador, Cuenca	3	**0.3**	*0.17*	0.02	*0.02*	0	-	-	–	-
Ecuador, Quito	2	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.04*	0.01	*0.01*
*France, Martinique	1	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.09*	0.01	*0.01*
*Jamaica, Kingston and St Andrew	0	-	-	–	-	0	-	-	–	-
USA, Puerto Rico	27	**0.2**	*0.04*	0.02	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
Uruguay	19	**0.3**	*0.07*	0.04	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
America, North										
Canada	627	**0.5**	*0.02*	0.06	*0.00*	519	**0.3**	*0.02*	0.04	*0.00*
Canada, Alberta	62	**0.5**	*0.07*	0.05	*0.01*	47	**0.3**	*0.05*	0.03	*0.01*
Canada, British Columbia	86	**0.5**	*0.05*	0.05	*0.01*	67	**0.3**	*0.04*	0.04	*0.01*
Canada, Manitoba	38	**0.7**	*0.12*	0.09	*0.02*	21	**0.4**	*0.09*	0.05	*0.01*
Canada, New Brunswick	28	**0.9**	*0.18*	0.12	*0.03*	16	**0.4**	*0.11*	0.04	*0.02*
Canada, Newfoundland and Labrador	4	**0.2**	*0.10*	0.03	*0.02*	3	**0.1**	*0.07*	0.02	*0.01*
*Canada, Northwest Territories	0	-	-	–	-	0	-	-	–	-
Canada, Nova Scotia	22	**0.5**	*0.12*	0.06	*0.02*	8	**0.1**	*0.05*	0.02	*0.01*
Canada, Ontario	166	**0.3**	*0.03*	0.04	*0.00*	165	**0.3**	*0.02*	0.03	*0.00*
Canada, Prince Edward Island	7	**1.2**	*0.48*	0.16	*0.07*	2	**0.4**	*0.27*	0.07	*0.05*
*Canada, Quebec	201	**0.6**	*0.05*	0.07	*0.01*	158	**0.4**	*0.03*	0.04	*0.00*
Canada, Saskatchewan	13	**0.3**	*0.09*	0.04	*0.02*	32	**0.5**	*0.11*	0.06	*0.02*
*Canada, Yukon	0	-	-	–	-	0	-	-	–	-
USA, NPCR (42 states)	5848	**0.6**	*0.01*	0.07	*0.00*	4295	**0.3**	*0.01*	0.04	*0.00*
USA, NPCR (42 states): American Indian	14	**0.2**	*0.06*	0.03	*0.01*	12	**0.2**	*0.05*	0.02	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	108	**0.4**	*0.03*	0.04	*0.01*	97	**0.2**	*0.02*	0.03	*0.00*
USA, NPCR (42 states): Black	254	**0.3**	*0.02*	0.04	*0.00*	188	**0.2**	*0.01*	0.02	*0.00*
USA, NPCR (42 states): White	5422	**0.6**	*0.01*	0.07	*0.00*	3975	**0.3**	*0.01*	0.04	*0.00*
USA, SEER (9 registries)	605	**0.6**	*0.03*	0.07	*0.00*	451	**0.3**	*0.02*	0.03	*0.00*
*USA, SEER (9 registries): Black	34	**0.5**	*0.08*	0.05	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
*USA, SEER (9 registries): White	522	**0.6**	*0.03*	0.07	*0.00*	396	**0.3**	*0.02*	0.04	*0.00*
USA, SEER (18 registries)	1885	**0.6**	*0.02*	0.07	*0.00*	1356	**0.3**	*0.01*	0.04	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	110	**0.5**	*0.05*	0.06	*0.01*	92	**0.3**	*0.03*	0.03	*0.01*
*USA, SEER (18 registries): Black	86	**0.4**	*0.04*	0.04	*0.01*	50	**0.1**	*0.02*	0.02	*0.00*
*USA, SEER (18 registries): Hispanic White	138	**0.5**	*0.05*	0.06	*0.01*	92	**0.3**	*0.03*	0.03	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	1541	**0.7**	*0.02*	0.08	*0.00*	1112	**0.4**	*0.01*	0.04	*0.00*
*USA, SEER (18 registries): White	1679	**0.7**	*0.02*	0.08	*0.00*	1204	**0.4**	*0.01*	0.04	*0.00*
USA, Alabama	75	**0.4**	*0.05*	0.05	*0.01*	52	**0.2**	*0.03*	0.03	*0.01*
USA, Alabama: Black	4	**0.1**	*0.07*	0.01	*0.01*	9	**0.2**	*0.06*	0.02	*0.01*
USA, Alabama: White	70	**0.5**	*0.06*	0.05	*0.01*	43	**0.2**	*0.04*	0.03	*0.01*
USA, Alaska	11	**0.6**	*0.20*	0.08	*0.03*	7	**0.4**	*0.16*	0.05	*0.03*
*USA, Alaska: American Indian	1	**0.5**	*0.51*	0.08	*0.08*	2	**0.8**	*0.56*	0.08	*0.08*
USA, Arizona	115	**0.5**	*0.05*	0.06	*0.01*	92	**0.3**	*0.03*	0.03	*0.01*
USA, Arizona: American Indian	1	**0.1**	*0.14*	0.01	*0.01*	2	**0.2**	*0.18*	0.04	*0.04*
USA, Arizona: Asian and Pacific Islander	1	**0.3**	*0.31*	–	-	3	**0.5**	*0.32*	0.06	*0.06*
USA, Arizona: Black	0	-	-	–	-	1	**0.2**	*0.20*	0.05	*0.05*
USA, Arizona: White	111	**0.5**	*0.05*	0.06	*0.01*	86	**0.3**	*0.04*	0.03	*0.01*
USA, Arkansas	42	**0.4**	*0.06*	0.04	*0.01*	33	**0.2**	*0.04*	0.02	*0.01*
USA, Arkansas: Black	2	**0.3**	*0.19*	0.04	*0.03*	1	**0.1**	*0.08*	0.01	*0.01*
USA, Arkansas: White	40	**0.4**	*0.07*	0.05	*0.01*	32	**0.2**	*0.04*	0.02	*0.01*
USA, California	779	**0.6**	*0.02*	0.07	*0.00*	557	**0.3**	*0.02*	0.04	*0.00*
USA, California: American Indian	3	**0.3**	*0.16*	0.04	*0.03*	2	**0.2**	*0.13*	0.05	*0.03*
USA, California: Asian and Pacific Islander	60	**0.4**	*0.06*	0.05	*0.01*	60	**0.3**	*0.04*	0.04	*0.01*
USA, California: Black	30	**0.5**	*0.09*	0.06	*0.01*	19	**0.2**	*0.05*	0.02	*0.01*
USA, California: White	679	**0.7**	*0.03*	0.08	*0.00*	474	**0.4**	*0.02*	0.04	*0.00*
USA, California, Los Angeles County	207	**0.7**	*0.05*	0.07	*0.01*	147	**0.3**	*0.03*	0.04	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	21	**0.4**	*0.10*	0.04	*0.01*	32	**0.5**	*0.09*	0.06	*0.02*
*USA, California, Los Angeles County: Black	12	**0.4**	*0.12*	0.04	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
*USA, California, Los Angeles County: Chinese	7	**0.4**	*0.18*	0.03	*0.02*	13	**0.6**	*0.18*	0.05	*0.02*
*USA, California, Los Angeles County: Filipino	5	**0.6**	*0.27*	0.05	*0.03*	4	**0.4**	*0.19*	0.05	*0.03*
*USA, California, Los Angeles County: Hispanic White	37	**0.5**	*0.09*	0.07	*0.02*	31	**0.3**	*0.06*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Renal pelvis (C65) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	2	**0.3**	*0.26*	0.04	*0.04*	5	**0.5**	*0.22*	0.05	*0.03*
*USA, California, Los Angeles County: Korean	3	**0.5**	*0.30*	0.09	*0.07*	5	**0.7**	*0.30*	0.12	*0.05*
*USA, California, Los Angeles County: Non−Hispanic White	137	**0.9**	*0.08*	0.09	*0.01*	80	**0.3**	*0.05*	0.04	*0.01*
*USA, California, Los Angeles County: White	174	**0.7**	*0.06*	0.08	*0.01*	111	**0.3**	*0.04*	0.04	*0.01*
USA, California, San Francisco Bay Area	89	**0.6**	*0.06*	0.06	*0.01*	56	**0.2**	*0.04*	0.02	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	11	**0.4**	*0.11*	0.05	*0.02*	10	**0.2**	*0.06*	0.02	*0.01*
*USA, California, San Francisco Bay Area: Black	9	**0.8**	*0.27*	0.11	*0.04*	4	**0.2**	*0.11*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Hispanic White	3	**0.2**	*0.15*	0.04	*0.03*	6	**0.4**	*0.15*	0.05	*0.03*
*USA, California, San Francisco Bay Area: Non−Hispanic White	64	**0.6**	*0.09*	0.07	*0.01*	36	**0.2**	*0.05*	0.02	*0.01*
*USA, California, San Francisco Bay Area: White	67	**0.6**	*0.08*	0.06	*0.01*	42	**0.3**	*0.05*	0.03	*0.01*
USA, Colorado	70	**0.5**	*0.06*	0.06	*0.01*	62	**0.3**	*0.04*	0.03	*0.01*
USA, Colorado: Asian and Pacific Islander	2	**0.6**	*0.44*	0.06	*0.04*	0	**-**	-	–	-
USA, Colorado: Black	1	**0.3**	*0.29*	0.05	*0.05*	1	**0.1**	*0.14*	–	-
USA, Colorado: White	67	**0.5**	*0.06*	0.06	*0.01*	61	**0.3**	*0.05*	0.04	*0.01*
USA, Connecticut	83	**0.6**	*0.07*	0.06	*0.01*	79	**0.4**	*0.05*	0.04	*0.01*
*USA, Connecticut: Black	2	**0.2**	*0.18*	0.02	*0.02*	2	**0.2**	*0.13*	0.01	*0.01*
*USA, Connecticut: White	79	**0.6**	*0.07*	0.06	*0.01*	77	**0.4**	*0.05*	0.05	*0.01*
USA, Delaware	20	**0.6**	*0.14*	0.09	*0.02*	16	**0.3**	*0.07*	0.03	*0.01*
USA, Delaware: Black	1	**0.2**	*0.21*	0.02	*0.02*	1	**0.1**	*0.09*	–	-
USA, Delaware: White	19	**0.7**	*0.16*	0.10	*0.03*	15	**0.3**	*0.08*	0.03	*0.02*
USA, Florida	537	**0.6**	*0.03*	0.08	*0.00*	382	**0.3**	*0.02*	0.04	*0.00*
USA, Florida: Asian and Pacific Islander	2	**0.2**	*0.11*	0.01	*0.01*	2	**0.2**	*0.11*	0.01	*0.01*
USA, Florida: Black	24	**0.4**	*0.08*	0.05	*0.01*	8	**0.1**	*0.04*	0.02	*0.01*
USA, Florida: White	505	**0.7**	*0.03*	0.08	*0.00*	369	**0.3**	*0.02*	0.04	*0.00*
USA, Georgia	138	**0.5**	*0.04*	0.06	*0.01*	82	**0.2**	*0.03*	0.03	*0.00*
USA, Georgia: Asian and Pacific Islander	3	**0.5**	*0.30*	0.06	*0.04*	1	**0.1**	*0.14*	–	-
USA, Georgia: Black	12	**0.2**	*0.07*	0.04	*0.01*	8	**0.1**	*0.04*	0.01	*0.01*
USA, Georgia: White	123	**0.6**	*0.05*	0.07	*0.01*	73	**0.2**	*0.03*	0.03	*0.01*
USA, Georgia, Atlanta	33	**0.4**	*0.07*	0.04	*0.01*	20	**0.2**	*0.05*	0.02	*0.01*
*USA, Georgia, Atlanta: Black	5	**0.3**	*0.12*	0.04	*0.02*	3	**0.1**	*0.07*	0.02	*0.01*
*USA, Georgia, Atlanta: White	27	**0.4**	*0.09*	0.05	*0.01*	16	**0.2**	*0.06*	0.03	*0.01*
USA, Idaho	18	**0.3**	*0.08*	0.03	*0.01*	20	**0.3**	*0.07*	0.03	*0.01*
USA, Illinois	320	**0.7**	*0.04*	0.08	*0.01*	239	**0.4**	*0.03*	0.04	*0.00*
USA, Illinois: Asian and Pacific Islander	2	**0.1**	*0.10*	–	-	3	**0.2**	*0.11*	0.03	*0.02*
USA, Illinois: Black	15	**0.3**	*0.08*	0.03	*0.01*	12	**0.1**	*0.05*	0.01	*0.01*
USA, Illinois: White	303	**0.8**	*0.05*	0.08	*0.01*	223	**0.4**	*0.03*	0.05	*0.01*
USA, Indiana	178	**0.8**	*0.06*	0.09	*0.01*	120	**0.4**	*0.04*	0.04	*0.01*
USA, Indiana: Black	11	**0.9**	*0.28*	0.10	*0.04*	3	**0.2**	*0.09*	0.02	*0.02*
USA, Indiana: White	164	**0.8**	*0.06*	0.09	*0.01*	115	**0.4**	*0.04*	0.04	*0.01*
USA, Iowa	94	**0.7**	*0.08*	0.08	*0.01*	74	**0.4**	*0.06*	0.04	*0.01*
USA, Kentucky	128	**0.8**	*0.07*	0.09	*0.01*	114	**0.5**	*0.05*	0.06	*0.01*
USA, Louisiana	71	**0.6**	*0.07*	0.07	*0.01*	67	**0.4**	*0.05*	0.04	*0.01*
*USA, Louisiana: Black	5	**0.2**	*0.08*	0.01	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
*USA, Louisiana: White	66	**0.7**	*0.09*	0.10	*0.01*	62	**0.4**	*0.06*	0.05	*0.01*
*USA, Louisiana, New Orleans	10	**0.4**	*0.14*	0.05	*0.02*	11	**0.2**	*0.07*	0.02	*0.01*
*USA, Louisiana, New Orleans: Black	0	**-**	-	–	-	1	**0.1**	*0.12*	0.03	*0.03*
*USA, Louisiana, New Orleans: White	10	**0.6**	*0.22*	0.08	*0.03*	10	**0.2**	*0.08*	0.01	*0.01*
USA, Maine	34	**0.6**	*0.10*	0.06	*0.01*	26	**0.3**	*0.07*	0.03	*0.01*
USA, Massachusetts	130	**0.5**	*0.05*	0.06	*0.01*	106	**0.3**	*0.03*	0.04	*0.01*
USA, Massachusetts: Asian and Pacific Islander	1	**0.2**	*0.18*	0.04	*0.04*	2	**0.3**	*0.19*	0.04	*0.04*
USA, Massachusetts: Black	2	**0.3**	*0.19*	0.05	*0.04*	0	**-**	-	–	-
USA, Massachusetts: White	127	**0.5**	*0.05*	0.06	*0.01*	104	**0.3**	*0.04*	0.04	*0.01*
USA, Michigan	235	**0.6**	*0.04*	0.07	*0.01*	160	**0.3**	*0.03*	0.03	*0.00*
USA, Michigan: Asian and Pacific Islander	2	**0.5**	*0.34*	0.09	*0.07*	1	**0.2**	*0.22*	0.05	*0.05*
USA, Michigan: Black	19	**0.5**	*0.13*	0.06	*0.02*	5	**0.1**	*0.05*	0.01	*0.01*
USA, Michigan: White	214	**0.6**	*0.04*	0.07	*0.01*	154	**0.3**	*0.03*	0.04	*0.00*
USA, Michigan, Detroit	108	**0.7**	*0.08*	0.08	*0.01*	69	**0.3**	*0.04*	0.03	*0.01*
*USA, Michigan, Detroit: Black	15	**0.6**	*0.16*	0.06	*0.02*	1	**0.0**	*0.01*	–	-
*USA, Michigan, Detroit: White	92	**0.8**	*0.09*	0.09	*0.01*	67	**0.4**	*0.05*	0.03	*0.01*
USA, Mississippi	39	**0.3**	*0.06*	0.03	*0.01*	44	**0.3**	*0.05*	0.04	*0.01*
USA, Missouri	131	**0.6**	*0.05*	0.07	*0.01*	105	**0.3**	*0.04*	0.04	*0.01*
USA, Missouri: Black	2	**0.1**	*0.08*	0.01	*0.01*	5	**0.1**	*0.07*	0.01	*0.01*
USA, Missouri: White	129	**0.6**	*0.06*	0.07	*0.01*	99	**0.4**	*0.04*	0.05	*0.01*
USA, Montana	20	**0.4**	*0.09*	0.03	*0.01*	10	**0.2**	*0.08*	0.03	*0.01*
USA, Montana: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, Nebraska	46	**0.6**	*0.10*	0.07	*0.01*	25	**0.3**	*0.06*	0.03	*0.01*
USA, Nebraska: Black	1	**0.5**	*0.49*	0.04	*0.04*	0	**-**	-	–	-
USA, Nebraska: White	45	**0.6**	*0.10*	0.07	*0.01*	25	**0.3**	*0.06*	0.03	*0.01*
USA, New Hampshire	31	**0.6**	*0.12*	0.07	*0.02*	19	**0.3**	*0.07*	0.03	*0.01*
USA, New Jersey	269	**0.8**	*0.05*	0.09	*0.01*	155	**0.3**	*0.03*	0.04	*0.01*
*USA, New Jersey: Black	9	**0.3**	*0.10*	0.02	*0.01*	7	**0.2**	*0.06*	0.03	*0.01*
*USA, New Jersey: White	250	**0.9**	*0.06*	0.10	*0.01*	146	**0.4**	*0.04*	0.05	*0.01*
USA, New Mexico	21	**0.3**	*0.07*	0.03	*0.01*	12	**0.1**	*0.04*	0.02	*0.01*
*USA, New Mexico: Hispanic White	9	**0.4**	*0.13*	0.03	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
*USA, New Mexico: Non−Hispanic White	12	**0.3**	*0.09*	0.04	*0.01*	10	**0.2**	*0.07*	0.02	*0.01*
*USA, New Mexico: White	21	**0.3**	*0.07*	0.04	*0.01*	12	**0.1**	*0.05*	0.02	*0.01*
USA, New York State	488	**0.7**	*0.03*	0.08	*0.00*	355	**0.3**	*0.02*	0.04	*0.00*
USA, New York State: Asian and Pacific Islander	17	**0.5**	*0.12*	0.06	*0.02*	10	**0.2**	*0.07*	0.02	*0.01*
USA, New York State: Black	20	**0.2**	*0.05*	0.03	*0.01*	21	**0.2**	*0.04*	0.02	*0.01*
USA, New York State: White	445	**0.7**	*0.04*	0.09	*0.01*	322	**0.4**	*0.02*	0.05	*0.00*
USA, North Carolina	197	**0.6**	*0.05*	0.08	*0.01*	156	**0.3**	*0.03*	0.04	*0.00*
USA, North Carolina: American Indian	3	**1.1**	*0.63*	0.05	*0.05*	1	**0.3**	*0.34*	0.08	*0.08*
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.24*	–	-
USA, North Carolina: Black	19	**0.4**	*0.09*	0.05	*0.02*	13	**0.2**	*0.05*	0.01	*0.01*
USA, North Carolina: White	174	**0.7**	*0.05*	0.08	*0.01*	141	**0.4**	*0.04*	0.04	*0.01*
USA, North Dakota	12	**0.5**	*0.14*	0.07	*0.02*	10	**0.3**	*0.10*	0.03	*0.02*
USA, Ohio	244	**0.6**	*0.04*	0.07	*0.01*	172	**0.3**	*0.02*	0.03	*0.00*
USA, Ohio: Asian and Pacific Islander	1	**0.3**	*0.28*	0.05	*0.05*	0	**-**	-	–	-
USA, Ohio: Black	9	**0.3**	*0.10*	0.04	*0.02*	7	**0.1**	*0.06*	0.02	*0.01*
USA, Ohio: White	231	**0.6**	*0.04*	0.07	*0.01*	164	**0.3**	*0.02*	0.03	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Renal pelvis (C65) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	65	**0.5**	*0.06*	0.06	*0.01*	55	**0.3**	*0.05*	0.04	*0.01*
USA, Oklahoma: American Indian	3	**0.4**	*0.23*	0.06	*0.04*	2	**0.2**	*0.14*	0.02	*0.02*
USA, Oklahoma: Black	2	**0.3**	*0.23*	0.06	*0.05*	2	**0.3**	*0.24*	0.05	*0.03*
USA, Oklahoma: White	59	**0.5**	*0.07*	0.06	*0.01*	51	**0.3**	*0.05*	0.05	*0.01*
USA, Oregon	88	**0.5**	*0.06*	0.06	*0.01*	67	**0.3**	*0.05*	0.03	*0.01*
USA, Oregon: Asian and Pacific Islander	1	**0.3**	*0.26*	0.03	*0.03*	1	**0.3**	*0.33*	0.04	*0.04*
USA, Oregon: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Oregon: White	84	**0.5**	*0.06*	0.06	*0.01*	66	**0.3**	*0.05*	0.03	*0.01*
USA, Pennsylvania	411	**0.7**	*0.04*	0.09	*0.01*	324	**0.4**	*0.03*	0.04	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	2	**0.3**	*0.23*	0.02	*0.02*	0	**-**	-	–	-
USA, Pennsylvania: Black	10	**0.3**	*0.11*	0.05	*0.02*	15	**0.3**	*0.08*	0.03	*0.01*
USA, Pennsylvania: White	396	**0.8**	*0.04*	0.09	*0.01*	307	**0.4**	*0.03*	0.04	*0.00*
USA, Rhode Island	21	**0.4**	*0.10*	0.03	*0.01*	30	**0.4**	*0.09*	0.04	*0.01*
USA, Rhode Island: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Rhode Island: White	21	**0.4**	*0.11*	0.04	*0.01*	30	**0.4**	*0.10*	0.04	*0.01*
USA, South Carolina	72	**0.5**	*0.06*	0.05	*0.01*	61	**0.3**	*0.04*	0.04	*0.01*
USA, South Carolina: Black	8	**0.2**	*0.09*	0.03	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
USA, South Carolina: White	64	**0.5**	*0.07*	0.06	*0.01*	56	**0.3**	*0.05*	0.05	*0.01*
USA, South Dakota	13	**0.4**	*0.12*	0.08	*0.02*	10	**0.2**	*0.08*	0.03	*0.02*
USA, Tennessee	104	**0.5**	*0.05*	0.06	*0.01*	83	**0.3**	*0.03*	0.03	*0.01*
USA, Tennessee: Black	2	**0.1**	*0.05*	0.01	*0.01*	4	**0.1**	*0.06*	0.01	*0.01*
USA, Tennessee: White	101	**0.5**	*0.05*	0.06	*0.01*	79	**0.3**	*0.04*	0.04	*0.01*
USA, Texas	363	**0.5**	*0.03*	0.07	*0.00*	246	**0.3**	*0.02*	0.03	*0.00*
USA, Texas: Asian and Pacific Islander	2	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.01*
USA, Texas: Black	16	**0.3**	*0.07*	0.03	*0.01*	18	**0.2**	*0.05*	0.02	*0.01*
USA, Texas: White	340	**0.5**	*0.03*	0.07	*0.01*	223	**0.3**	*0.02*	0.03	*0.00*
USA, Utah	36	**0.5**	*0.08*	0.04	*0.01*	19	**0.2**	*0.06*	0.03	*0.01*
USA, Vermont	20	**0.8**	*0.18*	0.10	*0.03*	10	**0.3**	*0.11*	0.04	*0.02*
USA, Virginia	158	**0.6**	*0.05*	0.06	*0.01*	89	**0.2**	*0.03*	0.03	*0.00*
USA, Virginia: Asian and Pacific Islander	1	**0.1**	*0.14*	0.02	*0.02*	0	**-**	-	–	-
USA, Virginia: Black	18	**0.5**	*0.12*	0.07	*0.02*	5	**0.1**	*0.04*	0.01	*0.01*
USA, Virginia: White	137	**0.6**	*0.06*	0.06	*0.01*	82	**0.3**	*0.03*	0.03	*0.01*
USA, Washington State	151	**0.6**	*0.05*	0.07	*0.01*	127	**0.4**	*0.04*	0.04	*0.01*
USA, Washington, Seattle	110	**0.7**	*0.07*	0.08	*0.01*	90	**0.4**	*0.05*	0.04	*0.01*
USA, West Virginia	52	**0.6**	*0.09*	0.06	*0.01*	34	**0.3**	*0.06*	0.03	*0.01*
USA, Wisconsin	142	**0.7**	*0.06*	0.08	*0.01*	104	**0.3**	*0.03*	0.04	*0.01*
USA, Wisconsin: Black	3	**0.4**	*0.21*	0.04	*0.02*	2	**0.2**	*0.14*	0.01	*0.01*
USA, Wisconsin: White	138	**0.7**	*0.06*	0.09	*0.01*	101	**0.3**	*0.04*	0.04	*0.01*
USA, Wyoming	15	**0.8**	*0.20*	0.11	*0.04*	4	**0.1**	*0.07*	0.01	*0.01*
Asia										
Bahrain: Bahraini	0	**-**	-	–	-	0	**-**	-	–	-
China, Beijing City	245	**0.8**	*0.05*	0.10	*0.01*	358	**1.1**	*0.06*	0.14	*0.01*
*China, Cixian County	0	**-**	-	–	-	3	**0.2**	*0.14*	0.03	*0.02*
China, Haining County	3	**0.1**	*0.08*	0.01	*0.01*	3	**0.1**	*0.06*	0.01	*0.01*
*China, Harbin City, Nangang District	11	**0.4**	*0.11*	0.05	*0.02*	12	**0.4**	*0.11*	0.04	*0.02*
China, Hong Kong	99	**0.4**	*0.04*	0.04	*0.01*	83	**0.3**	*0.03*	0.03	*0.01*
China, Jiashan County	5	**0.3**	*0.15*	0.04	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
China, Jiaxing City	8	**0.7**	*0.26*	0.09	*0.04*	5	**0.4**	*0.16*	0.05	*0.03*
China, Macao	1	**0.0**	*0.05*	0.00	*0.00*	1	**0.1**	*0.12*	0.02	*0.02*
China, Qidong County	7	**0.2**	*0.06*	0.02	*0.01*	1	**0.0**	*0.01*	–	-
*China, Shanghai City	131	**0.5**	*0.04*	0.06	*0.01*	91	**0.2**	*0.03*	0.03	*0.00*
*China, Wuhan City	46	**0.3**	*0.05*	0.03	*0.01*	36	**0.2**	*0.04*	0.03	*0.01*
*China, Yangcheng County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yanting County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Zhongshan City	10	**0.4**	*0.12*	0.05	*0.02*	5	**0.1**	*0.07*	0.01	*0.01*
*India, Bangalore	4	**0.1**	*0.03*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
*India; Barshi, Paranda, and Bhum	0	**-**	-	–	-	0	**-**	-	–	-
*India, Bhopal	0	**-**	-	–	-	0	**-**	-	–	-
*India, Chennai	5	**0.1**	*0.02*	0.01	*0.00*	0	**-**	-	–	-
*India, Dindigul, Ambilikkai	0	**-**	-	–	-	0	**-**	-	–	-
*India, Karunagappally	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mizoram	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mumbai	1	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.00*	–	-
*India, New Delhi	11	**0.0**	*0.01*	0.01	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
*India, Poona	0	**-**	-	–	-	1	**0.0**	*0.01*	0.00	*0.00*
*India, Sikkim State	0	**-**	-	–	-	1	**0.2**	*0.16*	0.04	*0.04*
*India, Trivandrum	1	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province	1	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
Israel	176	**0.9**	*0.07*	0.11	*0.01*	84	**0.3**	*0.04*	0.04	*0.01*
*Israel: Jews	165	**1.0**	*0.08*	0.12	*0.01*	83	**0.4**	*0.04*	0.05	*0.01*
*Israel: Non–Jews	11	**0.7**	*0.21*	0.07	*0.03*	1	**0.0**	*0.05*	–	-
Japan, Aichi Prefecture	57	**1.0**	*0.13*	0.13	*0.02*	22	**0.3**	*0.06*	0.03	*0.01*
Japan, Fukui Prefecture	48	**1.0**	*0.16*	0.10	*0.02*	29	**0.4**	*0.09*	0.04	*0.01*
Japan, Hiroshima	91	**1.7**	*0.19*	0.25	*0.03*	42	**0.5**	*0.09*	0.06	*0.01*
Japan, Miyagi Prefecture	128	**1.0**	*0.09*	0.11	*0.01*	73	**0.5**	*0.06*	0.06	*0.01*
Japan, Nagasaki Prefecture	119	**1.4**	*0.14*	0.17	*0.02*	68	**0.5**	*0.07*	0.05	*0.01*
Japan, Niigata Prefecture	150	**1.0**	*0.09*	0.11	*0.01*	75	**0.3**	*0.05*	0.03	*0.01*
*Japan, Osaka Prefecture	443	**0.9**	*0.05*	0.11	*0.01*	178	**0.3**	*0.02*	0.04	*0.00*
Japan, Saga Prefecture	45	**0.9**	*0.16*	0.11	*0.02*	26	**0.3**	*0.08*	0.04	*0.01*
Republic of Korea	841	**0.7**	*0.02*	0.08	*0.00*	331	**0.2**	*0.01*	0.02	*0.00*
Republic of Korea, Busan	51	**0.5**	*0.07*	0.05	*0.01*	34	**0.3**	*0.05*	0.03	*0.01*
Republic of Korea, Daegu	40	**0.7**	*0.11*	0.07	*0.01*	16	**0.2**	*0.05*	0.02	*0.01*
Republic of Korea, Daejeon	18	**0.6**	*0.14*	0.06	*0.02*	11	**0.3**	*0.08*	0.04	*0.01*
Republic of Korea, Gwangju	30	**1.0**	*0.18*	0.13	*0.03*	5	**0.1**	*0.05*	0.02	*0.01*
Republic of Korea, Incheon	34	**0.6**	*0.10*	0.07	*0.01*	12	**0.2**	*0.05*	0.02	*0.01*
Republic of Korea, Jejudo	5	**0.4**	*0.20*	0.04	*0.02*	0	**-**	-	–	-
Republic of Korea, Seoul	211	**0.8**	*0.06*	0.11	*0.01*	80	**0.3**	*0.03*	0.04	*0.00*
Republic of Korea, Ulsan	15	**0.7**	*0.19*	0.06	*0.02*	2	**0.1**	*0.05*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Renal pelvis (C65) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	6	**0.1**	*0.06*	0.02	*0.01*	0	**-**	-	–	-
*Kuwait: Kuwaitis	2	**0.1**	*0.10*	0.02	*0.02*	0	**-**	-	–	-
*Kuwait: Non–Kuwaitis	4	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
*Malaysia, Penang	4	**0.2**	*0.09*	0.02	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
*Malaysia, Penang: Chinese	3	**0.2**	*0.13*	0.02	*0.01*	0	**-**	-	–	-
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	1	**0.1**	*0.10*	0.01	*0.01*	1	**0.1**	*0.08*	0.01	*0.01*
*Philippines, Manila	0	**-**	-	–	-	0	**-**	-	–	-
*Philippines, Rizal	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
Qatar: Qatari	1	**0.4**	*0.36*	0.04	*0.04*	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	9	**0.2**	*0.08*	0.03	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
Singapore	52	**0.5**	*0.08*	0.06	*0.01*	33	**0.3**	*0.05*	0.04	*0.01*
Singapore: Chinese	48	**0.6**	*0.09*	0.07	*0.01*	28	**0.3**	*0.06*	0.03	*0.01*
Singapore: Indian	0	**-**	-	–	-	1	**0.1**	*0.13*	0.02	*0.02*
Singapore: Malay	4	**0.4**	*0.23*	0.05	*0.03*	4	**0.4**	*0.20*	0.08	*0.04*
Thailand, Bangkok	16	**0.1**	*0.03*	0.01	*0.00*	24	**0.1**	*0.03*	0.01	*0.00*
Thailand, Chiang Mai	7	**0.2**	*0.06*	0.02	*0.01*	5	**0.1**	*0.06*	0.02	*0.01*
Thailand, Chonburi	6	**0.3**	*0.11*	0.04	*0.02*	6	**0.2**	*0.08*	0.03	*0.01*
*Thailand, Khon Kaen	16	**0.4**	*0.09*	0.05	*0.01*	5	**0.1**	*0.04*	0.01	*0.00*
Thailand, Lampang	31	**1.2**	*0.23*	0.17	*0.03*	12	**0.5**	*0.13*	0.06	*0.02*
*Thailand, Songkhla	0	**-**	-	–	-	0	**-**	-	–	-
*Turkey, Antalya	13	**0.3**	*0.10*	0.04	*0.01*	4	**0.1**	*0.06*	0.02	*0.01*
*Turkey, Edirne	3	**0.3**	*0.18*	0.04	*0.03*	0	**-**	-	–	-
*Turkey, Izmir	39	**0.4**	*0.07*	0.06	*0.01*	19	**0.2**	*0.04*	0.02	*0.01*
*Turkey, Trabzon	0	**-**	-	–	-	0	**-**	-	–	-
Europe										
Austria	195	**0.6**	*0.04*	0.07	*0.01*	157	**0.3**	*0.03*	0.03	*0.00*
Austria, Tyrol	20	**0.7**	*0.16*	0.07	*0.02*	10	**0.3**	*0.09*	0.03	*0.01*
Austria, Vorarlberg	7	**0.5**	*0.20*	0.05	*0.03*	12	**0.6**	*0.19*	0.09	*0.04*
*Belarus	80	**0.3**	*0.03*	0.03	*0.00*	48	**0.1**	*0.02*	0.01	*0.00*
*Belgium	383	**1.0**	*0.05*	0.12	*0.01*	270	**0.5**	*0.04*	0.06	*0.01*
Bulgaria	165	**0.5**	*0.04*	0.07	*0.01*	77	**0.2**	*0.02*	0.02	*0.00*
Croatia	56	**0.3**	*0.04*	0.04	*0.01*	60	**0.2**	*0.04*	0.03	*0.00*
Cyprus	11	**0.4**	*0.11*	0.04	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
Czech Republic	351	**0.9**	*0.05*	0.11	*0.01*	325	**0.6**	*0.03*	0.07	*0.01*
Denmark	185	**0.8**	*0.06*	0.10	*0.01*	159	**0.5**	*0.05*	0.08	*0.01*
*Estonia	27	**0.6**	*0.12*	0.06	*0.01*	28	**0.3**	*0.07*	0.05	*0.01*
Finland	109	**0.5**	*0.05*	0.05	*0.01*	90	**0.2**	*0.03*	0.02	*0.00*
*France, Bas–Rhin	35	**0.9**	*0.15*	0.11	*0.02*	21	**0.3**	*0.08*	0.03	*0.01*
*France, Calvados	26	**1.0**	*0.21*	0.13	*0.03*	10	**0.2**	*0.08*	0.02	*0.01*
*France, Doubs	13	**0.6**	*0.18*	0.06	*0.02*	9	**0.3**	*0.10*	0.03	*0.02*
*France, Haut–Rhin	25	**0.8**	*0.16*	0.10	*0.03*	10	**0.3**	*0.11*	0.05	*0.02*
*France, Hérault	52	**1.1**	*0.16*	0.12	*0.02*	25	**0.6**	*0.12*	0.07	*0.02*
*France, Isère	27	**0.6**	*0.12*	0.08	*0.02*	15	**0.2**	*0.06*	0.02	*0.01*
*France, Loire–Atlantique	44	**0.9**	*0.15*	0.10	*0.02*	12	**0.2**	*0.05*	0.01	*0.01*
*France, Manche	16	**0.7**	*0.20*	0.09	*0.03*	3	**0.1**	*0.03*	0.01	*0.01*
*France, Somme	17	**0.7**	*0.17*	0.08	*0.03*	10	**0.3**	*0.11*	0.04	*0.02*
*France, Tarn	20	**0.9**	*0.23*	0.10	*0.03*	9	**0.1**	*0.05*	0.01	*0.01*
*France, Vendée	24	**1.0**	*0.20*	0.13	*0.03*	9	**0.3**	*0.09*	0.04	*0.01*
Germany, Brandenburg	96	**0.8**	*0.08*	0.10	*0.01*	85	**0.5**	*0.06*	0.06	*0.01*
Germany, Bremen	31	**1.0**	*0.18*	0.15	*0.03*	34	**0.8**	*0.15*	0.10	*0.02*
Germany, Free State of Saxony	156	**0.7**	*0.06*	0.09	*0.01*	125	**0.3**	*0.03*	0.04	*0.01*
Germany, Hamburg	60	**0.7**	*0.10*	0.09	*0.02*	68	**0.6**	*0.08*	0.07	*0.01*
Germany, Mecklenburg–Western Pomerania	73	**0.8**	*0.10*	0.10	*0.02*	68	**0.5**	*0.07*	0.06	*0.01*
Germany, Munich	164	**0.9**	*0.07*	0.10	*0.01*	102	**0.4**	*0.04*	0.04	*0.01*
Germany, North Rhine–Westphalia	83	**0.7**	*0.08*	0.08	*0.01*	91	**0.5**	*0.06*	0.06	*0.01*
Germany, Saarland	25	**0.5**	*0.10*	0.05	*0.01*	25	**0.3**	*0.07*	0.04	*0.01*
Germany, Schleswig–Holstein	127	**0.9**	*0.08*	0.12	*0.01*	90	**0.4**	*0.05*	0.05	*0.01*
Iceland	7	**0.7**	*0.27*	0.08	*0.04*	4	**0.4**	*0.20*	0.03	*0.02*
Ireland	36	**0.2**	*0.04*	0.03	*0.01*	20	**0.1**	*0.03*	0.02	*0.00*
Italy, Biella	5	**0.3**	*0.17*	0.03	*0.02*	7	**0.5**	*0.23*	0.06	*0.03*
Italy, Brescia	9	**0.2**	*0.08*	0.02	*0.01*	6	**0.1**	*0.04*	0.01	*0.01*
Italy, Catania and Messina	38	**0.8**	*0.15*	0.09	*0.02*	13	**0.2**	*0.07*	0.03	*0.01*
Italy, Catanzaro	13	**1.1**	*0.34*	0.12	*0.05*	1	**0.0**	*0.04*	–	-
Italy, Como	23	**0.8**	*0.18*	0.11	*0.03*	14	**0.4**	*0.13*	0.06	*0.02*
Italy, Ferrara	23	**0.9**	*0.20*	0.09	*0.03*	12	**0.4**	*0.13*	0.03	*0.02*
Italy, Florence and Prato	27	**0.7**	*0.15*	0.09	*0.02*	8	**0.3**	*0.16*	0.03	*0.01*
Italy, Friuli–Venezia Giulia	28	**0.4**	*0.09*	0.06	*0.01*	17	**0.2**	*0.05*	0.02	*0.01*
Italy, Genoa	37	**0.8**	*0.14*	0.09	*0.02*	19	**0.3**	*0.09*	0.05	*0.01*
Italy, Latina	16	**0.6**	*0.15*	0.09	*0.03*	7	**0.3**	*0.12*	0.04	*0.02*
Italy, Lecco	9	**0.4**	*0.15*	0.03	*0.02*	7	**0.3**	*0.13*	0.03	*0.02*
Italy, Lombardy, South	20	**0.9**	*0.21*	0.11	*0.03*	10	**0.3**	*0.09*	0.04	*0.02*
Italy, Mantua	6	**0.6**	*0.25*	0.08	*0.03*	1	**0.1**	*0.11*	0.01	*0.01*
Italy, Milan	48	**0.8**	*0.13*	0.12	*0.02*	44	**0.5**	*0.09*	0.05	*0.01*
Italy, Modena	18	**0.4**	*0.11*	0.05	*0.02*	10	**0.3**	*0.10*	0.03	*0.01*
Italy, Naples	12	**0.7**	*0.21*	0.09	*0.03*	6	**0.3**	*0.14*	0.03	*0.02*
Italy, Nuoro	9	**0.6**	*0.22*	0.07	*0.04*	1	**0.0**	*0.04*	–	-
Italy, Palermo	37	**0.9**	*0.16*	0.12	*0.02*	16	**0.3**	*0.08*	0.04	*0.01*
Italy, Parma	22	**0.9**	*0.21*	0.12	*0.03*	17	**0.7**	*0.18*	0.09	*0.03*
Italy, Ragusa	13	**0.8**	*0.26*	0.10	*0.04*	6	**0.4**	*0.20*	0.04	*0.02*
Italy, Reggio Emilia	20	**0.8**	*0.20*	0.11	*0.03*	10	**0.2**	*0.07*	0.01	*0.01*
Italy, Romagna	63	**1.0**	*0.13*	0.12	*0.02*	32	**0.3**	*0.07*	0.04	*0.01*
Italy, Salerno	17	**0.3**	*0.08*	0.04	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
Italy, Sassari	20	**0.9**	*0.22*	0.13	*0.03*	10	**0.3**	*0.11*	0.02	*0.01*
Italy, Sondrio	13	**1.6**	*0.46*	0.14	*0.05*	2	**0.1**	*0.04*	–	-
Italy, South Tyrol	11	**0.6**	*0.20*	0.06	*0.03*	2	**0.1**	*0.07*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Renal pelvis (C65) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	10	**0.6**	*0.20*	0.07	*0.03*	2	**0.1**	*0.10*	0.02	*0.01*
Italy, Trapani	13	**0.8**	*0.23*	0.09	*0.03*	5	**0.3**	*0.17*	0.04	*0.02*
Italy, Trento	9	**0.5**	*0.17*	0.04	*0.02*	5	**0.1**	*0.07*	0.02	*0.01*
Italy, Turin	59	**1.1**	*0.16*	0.15	*0.02*	31	**0.5**	*0.09*	0.06	*0.01*
Italy, Umbria	42	**0.9**	*0.15*	0.12	*0.02*	20	**0.3**	*0.07*	0.03	*0.01*
Italy, Varese	44	**1.1**	*0.17*	0.13	*0.02*	14	**0.2**	*0.07*	0.03	*0.01*
Italy, Veneto	54	**0.6**	*0.08*	0.07	*0.01*	34	**0.3**	*0.05*	0.03	*0.01*
Latvia	12	**0.2**	*0.05*	0.02	*0.01*	10	**0.1**	*0.03*	0.01	*0.00*
Lithuania	39	**0.3**	*0.06*	0.05	*0.01*	30	**0.1**	*0.03*	0.01	*0.00*
Malta	8	**0.5**	*0.18*	0.06	*0.02*	3	**0.2**	*0.10*	0.02	*0.01*
*The Netherlands	611	**0.9**	*0.04*	0.11	*0.01*	394	**0.5**	*0.03*	0.06	*0.00*
*The Netherlands, Eindhoven	49	**1.2**	*0.17*	0.13	*0.02*	26	**0.5**	*0.11*	0.07	*0.02*
Norway	119	**0.6**	*0.06*	0.07	*0.01*	85	**0.4**	*0.04*	0.05	*0.01*
Poland, Cracow	4	**0.2**	*0.08*	0.02	*0.01*	3	**0.1**	*0.07*	0.01	*0.01*
Poland, Kielce	19	**0.4**	*0.09*	0.05	*0.01*	16	**0.3**	*0.08*	0.04	*0.01*
Poland, Lower Silesia	30	**0.3**	*0.06*	0.04	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
Poland, Podkarpackie	25	**0.4**	*0.08*	0.05	*0.01*	13	**0.2**	*0.05*	0.03	*0.01*
Portugal, Azores	4	**0.3**	*0.17*	0.03	*0.03*	2	**0.2**	*0.13*	0.02	*0.02*
Russian Federation, Saint Petersburg	40	**0.3**	*0.04*	0.03	*0.01*	27	**0.1**	*0.02*	0.01	*0.00*
*Serbia, Central	142	**0.6**	*0.05*	0.07	*0.01*	113	**0.4**	*0.04*	0.05	*0.01*
Slovakia	100	**0.6**	*0.06*	0.08	*0.01*	119	**0.5**	*0.05*	0.07	*0.01*
Slovenia	62	**0.8**	*0.10*	0.10	*0.01*	45	**0.4**	*0.07*	0.06	*0.01*
Spain, Albacete	4	**0.2**	*0.13*	0.02	*0.01*	1	**0.0**	*0.02*	–	-
Spain, Asturias	26	**0.5**	*0.10*	0.05	*0.01*	9	**0.1**	*0.03*	0.01	*0.01*
Spain, Basque Country	86	**0.8**	*0.10*	0.10	*0.01*	44	**0.3**	*0.05*	0.03	*0.01*
Spain, Canary Islands	36	**0.8**	*0.14*	0.12	*0.02*	16	**0.3**	*0.07*	0.03	*0.01*
Spain, Ciudad Real	7	**0.4**	*0.16*	0.04	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
Spain, Cuenca	11	**0.7**	*0.25*	0.06	*0.03*	2	**0.2**	*0.16*	0.02	*0.02*
Spain, Girona	19	**0.6**	*0.14*	0.07	*0.02*	10	**0.2**	*0.08*	0.02	*0.01*
*Spain, Granada	39	**1.2**	*0.20*	0.15	*0.03*	16	**0.3**	*0.10*	0.05	*0.02*
Spain, La Rioja	20	**1.7**	*0.41*	0.21	*0.05*	5	**0.4**	*0.19*	0.05	*0.03*
Spain, Mallorca	24	**0.7**	*0.16*	0.09	*0.02*	19	**0.4**	*0.11*	0.05	*0.02*
Spain, Murcia	56	**1.0**	*0.15*	0.11	*0.02*	17	**0.3**	*0.08*	0.04	*0.01*
Spain, Navarra	32	**1.0**	*0.19*	0.14	*0.03*	22	**0.5**	*0.13*	0.06	*0.02*
Spain, Tarragona	28	**1.0**	*0.20*	0.11	*0.03*	13	**0.3**	*0.09*	0.03	*0.01*
*Sweden	267	**0.6**	*0.04*	0.08	*0.01*	211	**0.4**	*0.03*	0.05	*0.00*
Switzerland, Basel	12	**0.4**	*0.14*	0.05	*0.02*	13	**0.3**	*0.11*	0.05	*0.02*
Switzerland, Geneva	10	**0.5**	*0.15*	0.05	*0.03*	9	**0.4**	*0.15*	0.06	*0.02*
Switzerland, Graubünden and Glarus	9	**1.0**	*0.32*	0.17	*0.06*	5	**0.4**	*0.19*	0.06	*0.03*
Switzerland, Neuchâtel	3	**0.3**	*0.18*	0.02	*0.02*	3	**0.4**	*0.23*	0.04	*0.03*
Switzerland, St Gall–Appenzell	17	**0.8**	*0.21*	0.11	*0.03*	8	**0.3**	*0.11*	0.05	*0.02*
Switzerland, Ticino	18	**1.3**	*0.31*	0.16	*0.04*	5	**0.2**	*0.07*	0.01	*0.01*
Switzerland, Valais	10	**0.9**	*0.27*	0.15	*0.05*	5	**0.3**	*0.15*	0.02	*0.01*
Switzerland, Vaud	17	**0.6**	*0.16*	0.08	*0.02*	13	**0.3**	*0.09*	0.02	*0.01*
Switzerland, Zurich	37	**0.6**	*0.10*	0.05	*0.01*	27	**0.3**	*0.07*	0.04	*0.01*
Ukraine	198	**0.1**	*0.01*	0.02	*0.00*	117	**0.0**	*0.00*	0.01	*0.00*
UK, England	1009	**0.4**	*0.01*	0.05	*0.00*	706	**0.2**	*0.01*	0.03	*0.00*
UK, England, East of England Region	126	**0.5**	*0.04*	0.05	*0.01*	79	**0.2**	*0.03*	0.03	*0.00*
UK, England, North Western	144	**0.5**	*0.05*	0.07	*0.01*	84	**0.2**	*0.03*	0.03	*0.00*
UK, England, Northern and Yorkshire	220	**0.7**	*0.05*	0.08	*0.01*	184	**0.4**	*0.04*	0.05	*0.01*
UK, England, Oxford Region	90	**0.8**	*0.09*	0.11	*0.01*	51	**0.3**	*0.05*	0.04	*0.01*
UK, England, South and Western Regions	98	**0.3**	*0.03*	0.04	*0.00*	84	**0.2**	*0.02*	0.02	*0.00*
UK, England, Thames	148	**0.3**	*0.03*	0.04	*0.00*	94	**0.1**	*0.02*	0.02	*0.00*
UK, England, Trent	54	**0.4**	*0.05*	0.04	*0.01*	27	**0.1**	*0.03*	0.02	*0.01*
UK, England, West Midlands	97	**0.4**	*0.04*	0.05	*0.01*	81	**0.3**	*0.03*	0.03	*0.00*
UK, Northern Ireland	19	**0.3**	*0.07*	0.04	*0.01*	12	**0.1**	*0.04*	0.02	*0.01*
UK, Scotland	102	**0.4**	*0.05*	0.05	*0.01*	110	**0.3**	*0.04*	0.04	*0.01*
UK, Wales	51	**0.3**	*0.05*	0.04	*0.01*	34	**0.2**	*0.04*	0.03	*0.01*
Oceania										
Australian Capital Territory	6	**0.6**	*0.25*	0.07	*0.04*	7	**0.5**	*0.22*	0.05	*0.02*
Australia, New South Wales	218	**0.8**	*0.05*	0.09	*0.01*	249	**0.7**	*0.05*	0.09	*0.01*
Australia, Northern Territory	4	**1.1**	*0.55*	0.11	*0.09*	2	**0.7**	*0.51*	0.12	*0.08*
Australia, Northern Territory: Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	4	**1.3**	*0.64*	0.13	*0.10*	2	**1.0**	*0.68*	0.16	*0.11*
Australia, Queensland	117	**0.7**	*0.07*	0.08	*0.01*	152	**0.8**	*0.07*	0.09	*0.01*
South Australia	53	**0.7**	*0.11*	0.09	*0.02*	55	**0.5**	*0.08*	0.06	*0.01*
Australia, Tasmania	12	**0.6**	*0.17*	0.06	*0.02*	12	**0.3**	*0.11*	0.03	*0.02*
Australia, Victoria	134	**0.6**	*0.06*	0.06	*0.01*	108	**0.4**	*0.04*	0.05	*0.01*
Western Australia	58	**0.7**	*0.10*	0.07	*0.01*	51	**0.5**	*0.08*	0.05	*0.01*
New Zealand	78	**0.5**	*0.06*	0.06	*0.01*	67	**0.4**	*0.05*	0.04	*0.01*
New Zealand: Maori	2	**0.2**	*0.14*	0.01	*0.01*	3	**0.2**	*0.13*	0.03	*0.02*
New Zealand: Pacific Islander	2	**0.4**	*0.29*	0.05	*0.04*	0	**-**	-	–	-
New Zealand: Other	74	**0.5**	*0.06*	0.07	*0.01*	64	**0.4**	*0.05*	0.04	*0.01*
USA, Hawaii	31	**0.6**	*0.12*	0.08	*0.02*	32	**0.4**	*0.09*	0.06	*0.02*
*USA, Hawaii: Chinese	2	**0.3**	*0.24*	–	-	4	**0.6**	*0.33*	0.07	*0.07*
*USA, Hawaii: Filipino	2	**0.5**	*0.33*	0.06	*0.04*	1	**0.1**	*0.13*	0.03	*0.03*
*USA, Hawaii: Hawaiian	4	**0.5**	*0.27*	0.03	*0.03*	1	**0.1**	*0.07*	–	-
*USA, Hawaii: Japanese	12	**0.8**	*0.25*	0.11	*0.04*	11	**0.4**	*0.16*	0.04	*0.02*
*USA, Hawaii: White	10	**0.9**	*0.28*	0.13	*0.05*	10	**0.8**	*0.27*	0.14	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ureter (C66)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	0	-	-	–	-	0	-	-	–	-
Egypt, Gharbiah	12	**0.2**	*0.06*	0.03	*0.01*	0	-	-	–	-
*Libya, Benghazi	0	-	-	–	-	1	**0.1**	*0.07*	–	-
*Malawi, Blantyre	0	-	-	–	-	0	-	-	–	-
*South Africa, PROMEC	0	-	-	–	-	1	**0.0**	*0.04*	0.01	*0.01*
*Tunisia, North	9	**0.1**	*0.04*	0.02	*0.01*	3	**0.0**	*0.03*	0.01	*0.00*
*Uganda, Kyadondo County	1	**0.2**	*0.16*	0.04	*0.04*	2	**0.2**	*0.16*	0.03	*0.02*
*Zimbabwe, Harare: African	0	-	-	–	-	0	-	-	–	-
America, Central and South										
Argentina, Bahía Blanca	3	**0.2**	*0.19*	–	-	3	**0.3**	*0.18*	0.05	*0.03*
Argentina, Córdoba	2	**0.1**	*0.04*	–	-	1	**0.0**	*0.04*	0.00	*0.00*
Argentina, Mendoza	6	**0.1**	*0.06*	0.02	*0.01*	3	**0.1**	*0.04*	0.01	*0.00*
*Argentina, Tierra del Fuego	0	-	-	–	-	0	-	-	–	-
Brazil, Aracaju	0	-	-	–	-	1	**0.1**	*0.07*	0.01	*0.01*
Brazil, Belo Horizonte	4	**0.2**	*0.09*	0.01	*0.01*	2	**0.0**	*0.02*	–	-
Brazil, Cuiabá	0	-	-	–	-	1	**0.1**	*0.13*	0.02	*0.02*
Brazil, Fortaleza	1	**0.0**	*0.04*	0.00	*0.00*	0	-	-	–	-
Brazil, Goiânia	2	**0.1**	*0.08*	0.02	*0.02*	0	-	-	–	-
*Brazil, São Paulo	26	**0.1**	*0.02*	0.01	*0.00*	19	**0.1**	*0.02*	0.01	*0.00*
Chile, Region of Antofagasta	12	**1.1**	*0.32*	0.14	*0.05*	8	**0.7**	*0.25*	0.08	*0.03*
Chile, Bío Bío Province	0	-	-	–	-	0	-	-	–	-
Chile, Valdivia	0	-	-	–	-	0	-	-	–	-
Colombia, Bucaramanga	1	**0.0**	*0.04*	–	-	2	**0.1**	*0.05*	0.01	*0.01*
Colombia, Cali	1	**0.0**	*0.03*	0.00	*0.00*	0	-	-	–	-
Colombia, Manizales	1	**0.1**	*0.08*	–	-	0	-	-	–	-
Colombia, Pasto	0	-	-	–	-	0	-	-	–	-
Costa Rica	4	**0.0**	*0.02*	0.01	*0.00*	0	-	-	–	-
Cuba, Villa Clara	2	**0.1**	*0.07*	0.01	*0.01*	1	**0.0**	*0.03*	–	-
Ecuador, Cuenca	0	-	-	–	-	0	-	-	–	-
Ecuador, Quito	0	-	-	–	-	0	-	-	–	-
*France, Martinique	0	-	-	–	-	1	**0.0**	*0.03*	–	-
*Jamaica, Kingston and St Andrew	0	-	-	–	-	1	**0.1**	*0.07*	0.01	*0.01*
USA, Puerto Rico	25	**0.2**	*0.03*	0.02	*0.01*	16	**0.1**	*0.02*	0.01	*0.00*
Uruguay	8	**0.1**	*0.05*	0.02	*0.01*	6	**0.1**	*0.04*	0.01	*0.00*
America, North										
Canada	553	**0.4**	*0.02*	0.05	*0.00*	348	**0.2**	*0.01*	0.02	*0.00*
Canada, Alberta	39	**0.3**	*0.05*	0.04	*0.01*	24	**0.2**	*0.04*	0.01	*0.00*
Canada, British Columbia	63	**0.3**	*0.05*	0.04	*0.01*	26	**0.1**	*0.02*	0.01	*0.00*
Canada, Manitoba	17	**0.4**	*0.09*	0.04	*0.01*	12	**0.2**	*0.07*	0.03	*0.01*
Canada, New Brunswick	22	**0.7**	*0.16*	0.10	*0.03*	15	**0.3**	*0.10*	0.03	*0.01*
Canada, Newfoundland and Labrador	4	**0.2**	*0.10*	0.03	*0.02*	2	**0.0**	*0.03*	–	-
*Canada, Northwest Territories	1	**0.7**	*0.67*	0.07	*0.07*	0	-	-	–	-
Canada, Nova Scotia	32	**0.7**	*0.13*	0.06	*0.02*	11	**0.2**	*0.07*	0.02	*0.01*
Canada, Ontario	171	**0.3**	*0.03*	0.04	*0.00*	118	**0.2**	*0.02*	0.02	*0.00*
Canada, Prince Edward Island	1	**0.1**	*0.09*	–	-	1	**0.1**	*0.10*	–	-
*Canada, Quebec	196	**0.6**	*0.04*	0.07	*0.01*	132	**0.3**	*0.03*	0.04	*0.00*
Canada, Saskatchewan	7	**0.1**	*0.05*	0.02	*0.01*	7	**0.1**	*0.05*	0.02	*0.01*
*Canada, Yukon	0	-	-	–	-	0	-	-	–	-
USA, NPCR (42 states)	4129	**0.4**	*0.01*	0.05	*0.00*	2813	**0.2**	*0.00*	0.02	*0.00*
USA, NPCR (42 states): American Indian	1	**0.0**	*0.02*	0.00	*0.00*	12	**0.2**	*0.05*	0.02	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	87	**0.3**	*0.03*	0.04	*0.01*	66	**0.2**	*0.02*	0.02	*0.00*
USA, NPCR (42 states): Black	136	**0.2**	*0.01*	0.02	*0.00*	128	**0.1**	*0.01*	0.01	*0.00*
USA, NPCR (42 states): White	3877	**0.4**	*0.01*	0.05	*0.00*	2585	**0.2**	*0.00*	0.03	*0.00*
USA, SEER (9 registries)	421	**0.4**	*0.02*	0.05	*0.00*	295	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (9 registries): Black	9	**0.1**	*0.04*	0.02	*0.01*	8	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (9 registries): White	373	**0.4**	*0.02*	0.05	*0.00*	251	**0.2**	*0.02*	0.03	*0.00*
USA, SEER (18 registries)	1193	**0.4**	*0.01*	0.05	*0.00*	821	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	83	**0.4**	*0.04*	0.05	*0.01*	67	**0.2**	*0.03*	0.02	*0.00*
*USA, SEER (18 registries): Black	43	**0.2**	*0.03*	0.02	*0.00*	45	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Hispanic White	58	**0.2**	*0.03*	0.03	*0.00*	50	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	1003	**0.5**	*0.02*	0.05	*0.00*	655	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): White	1061	**0.4**	*0.01*	0.05	*0.00*	705	**0.2**	*0.01*	0.02	*0.00*
USA, Alabama	58	**0.4**	*0.05*	0.04	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
USA, Alabama: Black	5	**0.2**	*0.07*	0.01	*0.01*	5	**0.1**	*0.05*	0.02	*0.01*
USA, Alabama: White	53	**0.4**	*0.06*	0.05	*0.01*	42	**0.2**	*0.04*	0.02	*0.01*
USA, Alaska	3	**0.2**	*0.11*	0.03	*0.02*	6	**0.3**	*0.15*	0.05	*0.03*
*USA, Alaska: American Indian	0	-	-	–	-	0	-	-	–	-
USA, Arizona	99	**0.4**	*0.04*	0.04	*0.01*	69	**0.2**	*0.03*	0.02	*0.00*
USA, Arizona: American Indian	0	-	-	–	-	1	**0.2**	*0.17*	0.03	*0.03*
USA, Arizona: Asian and Pacific Islander	1	**0.3**	*0.33*	0.08	*0.08*	1	**0.2**	*0.17*	–	-
USA, Arizona: Black	1	**0.3**	*0.25*	0.04	*0.04*	0	-	-	–	-
USA, Arizona: White	96	**0.4**	*0.04*	0.04	*0.01*	67	**0.2**	*0.03*	0.02	*0.00*
USA, Arkansas	62	**0.5**	*0.07*	0.06	*0.01*	27	**0.2**	*0.04*	0.02	*0.01*
USA, Arkansas: Black	4	**0.5**	*0.26*	0.06	*0.03*	0	-	-	–	-
USA, Arkansas: White	58	**0.5**	*0.08*	0.06	*0.01*	27	**0.2**	*0.04*	0.02	*0.01*
USA, California	454	**0.4**	*0.02*	0.05	*0.00*	336	**0.2**	*0.01*	0.02	*0.00*
USA, California: American Indian	0	-	-	–	-	1	**0.1**	*0.06*	–	-
USA, California: Asian and Pacific Islander	52	**0.4**	*0.05*	0.05	*0.01*	42	**0.2**	*0.03*	0.03	*0.01*
USA, California: Black	13	**0.2**	*0.06*	0.02	*0.01*	16	**0.2**	*0.05*	0.02	*0.01*
USA, California: White	388	**0.4**	*0.02*	0.05	*0.00*	275	**0.2**	*0.01*	0.02	*0.00*
USA, California, Los Angeles County	99	**0.3**	*0.04*	0.04	*0.01*	76	**0.2**	*0.02*	0.02	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	17	**0.4**	*0.09*	0.05	*0.02*	13	**0.2**	*0.06*	0.03	*0.01*
*USA, California, Los Angeles County: Black	6	**0.2**	*0.09*	0.03	*0.01*	8	**0.2**	*0.08*	0.03	*0.01*
*USA, California, Los Angeles County: Chinese	7	**0.5**	*0.21*	0.07	*0.03*	5	**0.3**	*0.13*	0.04	*0.03*
*USA, California, Los Angeles County: Filipino	1	**0.1**	*0.12*	0.01	*0.01*	4	**0.3**	*0.15*	0.03	*0.02*
*USA, California, Los Angeles County: Hispanic White	14	**0.2**	*0.06*	0.03	*0.01*	14	**0.1**	*0.04*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ureter (C66) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	2	**0.3**	*0.18*	0.03	*0.03*	3	**0.3**	*0.19*	0.05	*0.03*
*USA, California, Los Angeles County: Korean	4	**0.7**	*0.35*	0.13	*0.07*	1	**0.1**	*0.13*	0.01	*0.01*
*USA, California, Los Angeles County: Non−Hispanic White	62	**0.4**	*0.06*	0.05	*0.01*	41	**0.2**	*0.04*	0.02	*0.01*
*USA, California, Los Angeles County: White	76	**0.4**	*0.04*	0.05	*0.01*	55	**0.2**	*0.03*	0.02	*0.00*
USA, California, San Francisco Bay Area	55	**0.3**	*0.05*	0.04	*0.01*	52	**0.3**	*0.04*	0.03	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	11	**0.4**	*0.12*	0.06	*0.02*	12	**0.3**	*0.09*	0.04	*0.01*
*USA, California, San Francisco Bay Area: Black	2	**0.1**	*0.09*	–	-	3	**0.1**	*0.08*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Hispanic White	2	**0.2**	*0.12*	0.01	*0.01*	5	**0.3**	*0.13*	0.02	*0.02*
*USA, California, San Francisco Bay Area: Non−Hispanic White	40	**0.4**	*0.07*	0.05	*0.01*	32	**0.3**	*0.05*	0.04	*0.01*
*USA, California, San Francisco Bay Area: White	42	**0.4**	*0.06*	0.04	*0.01*	37	**0.3**	*0.05*	0.03	*0.01*
USA, Colorado	51	**0.4**	*0.05*	0.05	*0.01*	46	**0.2**	*0.03*	0.03	*0.01*
USA, Colorado: Asian and Pacific Islander	1	**0.5**	*0.46*	0.06	*0.06*	2	**0.5**	*0.37*	0.10	*0.08*
USA, Colorado: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Colorado: White	50	**0.4**	*0.05*	0.05	*0.01*	44	**0.2**	*0.04*	0.03	*0.01*
USA, Connecticut	73	**0.5**	*0.07*	0.06	*0.01*	53	**0.2**	*0.04*	0.03	*0.01*
*USA, Connecticut: Black	0	**-**	-	–	-	0	**-**	-	–	-
*USA, Connecticut: White	72	**0.6**	*0.07*	0.07	*0.01*	51	**0.3**	*0.04*	0.03	*0.01*
USA, Delaware	25	**0.8**	*0.16*	0.09	*0.02*	6	**0.1**	*0.05*	0.01	*0.01*
USA, Delaware: Black	2	**0.4**	*0.32*	0.04	*0.03*	0	**-**	-	–	-
USA, Delaware: White	22	**0.8**	*0.17*	0.10	*0.03*	6	**0.1**	*0.06*	0.01	*0.01*
USA, Florida	381	**0.4**	*0.02*	0.05	*0.00*	216	**0.2**	*0.01*	0.02	*0.00*
USA, Florida: Asian and Pacific Islander	1	**0.1**	*0.08*	–	-	2	**0.1**	*0.09*	0.01	*0.01*
USA, Florida: Black	4	**0.1**	*0.03*	0.01	*0.00*	5	**0.1**	*0.03*	0.01	*0.00*
USA, Florida: White	375	**0.4**	*0.03*	0.05	*0.00*	209	**0.2**	*0.02*	0.02	*0.00*
USA, Georgia	107	**0.4**	*0.04*	0.04	*0.01*	47	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia: Asian and Pacific Islander	1	**0.2**	*0.22*	–	-	0	**-**	-	–	-
USA, Georgia: Black	9	**0.2**	*0.06*	0.02	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
USA, Georgia: White	96	**0.4**	*0.04*	0.04	*0.01*	42	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia, Atlanta	24	**0.3**	*0.07*	0.04	*0.01*	8	**0.1**	*0.02*	0.00	*0.00*
*USA, Georgia, Atlanta: Black	1	**0.1**	*0.07*	0.02	*0.02*	0	**-**	-	–	-
*USA, Georgia, Atlanta: White	22	**0.4**	*0.09*	0.04	*0.01*	8	**0.1**	*0.03*	0.00	*0.00*
USA, Idaho	17	**0.3**	*0.08*	0.02	*0.01*	12	**0.1**	*0.04*	0.00	*0.00*
USA, Illinois	217	**0.5**	*0.03*	0.05	*0.01*	154	**0.2**	*0.02*	0.03	*0.00*
USA, Illinois: Asian and Pacific Islander	2	**0.2**	*0.11*	0.03	*0.02*	2	**0.1**	*0.10*	0.04	*0.03*
USA, Illinois: Black	13	**0.3**	*0.08*	0.03	*0.01*	10	**0.1**	*0.04*	0.02	*0.01*
USA, Illinois: White	201	**0.5**	*0.04*	0.06	*0.01*	138	**0.2**	*0.02*	0.03	*0.00*
USA, Indiana	121	**0.5**	*0.05*	0.06	*0.01*	75	**0.2**	*0.03*	0.03	*0.00*
USA, Indiana: Black	3	**0.3**	*0.16*	0.04	*0.02*	4	**0.2**	*0.12*	0.02	*0.02*
USA, Indiana: White	112	**0.5**	*0.05*	0.06	*0.01*	69	**0.2**	*0.03*	0.03	*0.00*
USA, Iowa	58	**0.5**	*0.06*	0.06	*0.01*	49	**0.3**	*0.05*	0.03	*0.01*
USA, Kentucky	83	**0.5**	*0.06*	0.06	*0.01*	62	**0.3**	*0.04*	0.03	*0.01*
USA, Louisiana	61	**0.5**	*0.06*	0.05	*0.01*	40	**0.2**	*0.04*	0.02	*0.01*
*USA, Louisiana: Black	6	**0.2**	*0.09*	0.03	*0.02*	10	**0.3**	*0.09*	0.03	*0.01*
*USA, Louisiana: White	54	**0.5**	*0.07*	0.06	*0.01*	30	**0.2**	*0.04*	0.02	*0.01*
*USA, Louisiana, New Orleans	14	**0.6**	*0.15*	0.07	*0.03*	8	**0.2**	*0.07*	0.03	*0.02*
*USA, Louisiana, New Orleans: Black	3	**0.5**	*0.29*	0.09	*0.06*	1	**0.1**	*0.12*	0.03	*0.03*
*USA, Louisiana, New Orleans: White	11	**0.6**	*0.18*	0.06	*0.03*	7	**0.2**	*0.09*	0.03	*0.02*
USA, Maine	24	**0.4**	*0.08*	0.04	*0.01*	18	**0.2**	*0.06*	0.03	*0.01*
USA, Massachusetts	117	**0.5**	*0.05*	0.06	*0.01*	70	**0.2**	*0.03*	0.02	*0.00*
USA, Massachusetts: Asian and Pacific Islander	2	**0.4**	*0.26*	0.08	*0.05*	0	**-**	-	–	-
USA, Massachusetts: Black	6	**0.7**	*0.27*	0.07	*0.04*	2	**0.1**	*0.08*	–	-
USA, Massachusetts: White	108	**0.5**	*0.05*	0.06	*0.01*	68	**0.2**	*0.03*	0.03	*0.00*
USA, Michigan	164	**0.4**	*0.03*	0.05	*0.01*	124	**0.2**	*0.02*	0.03	*0.00*
USA, Michigan: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Michigan: Black	9	**0.2**	*0.08*	0.03	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
USA, Michigan: White	155	**0.4**	*0.04*	0.05	*0.01*	119	**0.3**	*0.03*	0.03	*0.00*
USA, Michigan, Detroit	66	**0.5**	*0.06*	0.06	*0.01*	51	**0.3**	*0.04*	0.03	*0.01*
*USA, Michigan, Detroit: Black	5	**0.2**	*0.10*	0.04	*0.02*	4	**0.1**	*0.06*	0.02	*0.01*
*USA, Michigan, Detroit: White	61	**0.5**	*0.07*	0.07	*0.01*	46	**0.3**	*0.05*	0.04	*0.01*
USA, Mississippi	39	**0.4**	*0.06*	0.06	*0.01*	32	**0.2**	*0.05*	0.03	*0.01*
USA, Missouri	96	**0.4**	*0.05*	0.06	*0.01*	51	**0.2**	*0.02*	0.02	*0.00*
USA, Missouri: Black	6	**0.4**	*0.18*	0.06	*0.03*	4	**0.1**	*0.08*	0.02	*0.02*
USA, Missouri: White	90	**0.4**	*0.05*	0.06	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
USA, Montana	13	**0.3**	*0.09*	0.04	*0.02*	8	**0.2**	*0.06*	0.02	*0.01*
USA, Montana: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, Nebraska	34	**0.4**	*0.08*	0.05	*0.01*	25	**0.2**	*0.06*	0.02	*0.01*
USA, Nebraska: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Nebraska: White	34	**0.5**	*0.08*	0.05	*0.01*	24	**0.2**	*0.06*	0.02	*0.01*
USA, New Hampshire	28	**0.5**	*0.10*	0.05	*0.02*	17	**0.3**	*0.07*	0.03	*0.01*
USA, New Jersey	147	**0.4**	*0.04*	0.05	*0.01*	105	**0.2**	*0.02*	0.03	*0.00*
*USA, New Jersey: Black	6	**0.2**	*0.08*	0.02	*0.01*	9	**0.2**	*0.06*	0.01	*0.01*
*USA, New Jersey: White	135	**0.4**	*0.04*	0.05	*0.01*	93	**0.2**	*0.03*	0.03	*0.00*
USA, New Mexico	17	**0.2**	*0.06*	0.03	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
*USA, New Mexico: Hispanic White	5	**0.3**	*0.12*	0.05	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
*USA, New Mexico: Non−Hispanic White	11	**0.2**	*0.07*	0.02	*0.01*	6	**0.1**	*0.04*	0.00	*0.00*
*USA, New Mexico: White	16	**0.2**	*0.06*	0.03	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
USA, New York State	364	**0.5**	*0.03*	0.06	*0.00*	220	**0.2**	*0.02*	0.03	*0.00*
USA, New York State: Asian and Pacific Islander	6	**0.2**	*0.07*	0.03	*0.01*	7	**0.2**	*0.07*	0.03	*0.01*
USA, New York State: Black	10	**0.1**	*0.04*	0.02	*0.01*	12	**0.1**	*0.03*	0.02	*0.01*
USA, New York State: White	345	**0.6**	*0.03*	0.07	*0.01*	195	**0.2**	*0.02*	0.03	*0.00*
USA, North Carolina	138	**0.5**	*0.04*	0.06	*0.01*	105	**0.2**	*0.03*	0.03	*0.00*
USA, North Carolina: American Indian	1	**0.4**	*0.39*	0.05	*0.05*	1	**0.4**	*0.36*	0.04	*0.04*
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Black	7	**0.2**	*0.06*	0.03	*0.01*	8	**0.1**	*0.04*	0.01	*0.01*
USA, North Carolina: White	130	**0.5**	*0.05*	0.06	*0.01*	96	**0.3**	*0.03*	0.03	*0.00*
USA, North Dakota	14	**0.4**	*0.12*	0.04	*0.02*	7	**0.2**	*0.08*	0.03	*0.01*
USA, Ohio	171	**0.4**	*0.03*	0.04	*0.00*	118	**0.2**	*0.02*	0.02	*0.00*
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.18*	–	-
USA, Ohio: Black	7	**0.2**	*0.07*	0.01	*0.01*	2	**0.0**	*0.02*	–	-
USA, Ohio: White	164	**0.4**	*0.03*	0.04	*0.01*	114	**0.2**	*0.02*	0.02	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ureter (C66) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	49	**0.3**	*0.05*	0.03	*0.01*	33	**0.2**	*0.04*	0.02	*0.01*
USA, Oklahoma: American Indian	0	**-**	-	–	-	1	**0.1**	*0.10*	0.01	*0.01*
USA, Oklahoma: Black	2	**0.3**	*0.23*	0.06	*0.05*	1	**0.1**	*0.06*	–	-
USA, Oklahoma: White	47	**0.4**	*0.06*	0.03	*0.01*	31	**0.2**	*0.04*	0.03	*0.01*
USA, Oregon	49	**0.3**	*0.05*	0.04	*0.01*	44	**0.2**	*0.04*	0.02	*0.01*
USA, Oregon: Asian and Pacific Islander	1	**0.4**	*0.36*	0.09	*0.09*	1	**0.3**	*0.31*	0.05	*0.05*
USA, Oregon: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Oregon: White	48	**0.3**	*0.05*	0.04	*0.01*	43	**0.2**	*0.04*	0.02	*0.01*
USA, Pennsylvania	287	**0.5**	*0.03*	0.06	*0.01*	209	**0.3**	*0.02*	0.03	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	2	**0.4**	*0.25*	0.07	*0.05*	1	**0.2**	*0.15*	0.04	*0.04*
USA, Pennsylvania: Black	8	**0.2**	*0.09*	0.03	*0.02*	3	**0.0**	*0.02*	–	-
USA, Pennsylvania: White	276	**0.5**	*0.03*	0.07	*0.01*	200	**0.3**	*0.02*	0.04	*0.00*
USA, Rhode Island	26	**0.6**	*0.12*	0.07	*0.02*	13	**0.2**	*0.05*	0.02	*0.01*
USA, Rhode Island: Black	1	**0.9**	*0.87*	0.22	*0.22*	0	**-**	-	–	-
USA, Rhode Island: White	24	**0.6**	*0.13*	0.06	*0.02*	13	**0.2**	*0.06*	0.02	*0.01*
USA, South Carolina	81	**0.5**	*0.06*	0.06	*0.01*	44	**0.2**	*0.03*	0.02	*0.01*
USA, South Carolina: Black	5	**0.2**	*0.08*	0.02	*0.01*	7	**0.1**	*0.06*	0.01	*0.01*
USA, South Carolina: White	76	**0.6**	*0.07*	0.07	*0.01*	37	**0.2**	*0.04*	0.03	*0.01*
USA, South Dakota	14	**0.5**	*0.14*	0.07	*0.02*	18	**0.3**	*0.09*	0.04	*0.02*
USA, Tennessee	94	**0.4**	*0.04*	0.05	*0.01*	66	**0.2**	*0.03*	0.03	*0.00*
USA, Tennessee: Black	3	**0.2**	*0.09*	0.02	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
USA, Tennessee: White	90	**0.4**	*0.05*	0.06	*0.01*	60	**0.2**	*0.03*	0.03	*0.01*
USA, Texas	234	**0.3**	*0.02*	0.04	*0.00*	152	**0.2**	*0.01*	0.02	*0.00*
USA, Texas: Asian and Pacific Islander	3	**0.2**	*0.12*	0.03	*0.02*	2	**0.1**	*0.08*	0.01	*0.01*
USA, Texas: Black	7	**0.1**	*0.04*	0.01	*0.01*	12	**0.2**	*0.05*	0.02	*0.01*
USA, Texas: White	221	**0.4**	*0.02*	0.04	*0.00*	135	**0.2**	*0.02*	0.02	*0.00*
USA, Utah	28	**0.4**	*0.08*	0.05	*0.01*	9	**0.1**	*0.04*	0.01	*0.01*
USA, Vermont	17	**0.7**	*0.18*	0.09	*0.03*	11	**0.4**	*0.12*	0.06	*0.02*
USA, Virginia	77	**0.3**	*0.03*	0.03	*0.01*	76	**0.2**	*0.02*	0.02	*0.00*
USA, Virginia: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Virginia: Black	2	**0.0**	*0.04*	0.01	*0.01*	6	**0.1**	*0.03*	0.00	*0.00*
USA, Virginia: White	73	**0.3**	*0.04*	0.04	*0.01*	70	**0.2**	*0.03*	0.02	*0.00*
USA, Washington State	109	**0.5**	*0.05*	0.05	*0.01*	58	**0.2**	*0.03*	0.03	*0.01*
USA, Washington, Seattle	76	**0.5**	*0.06*	0.05	*0.01*	42	**0.2**	*0.04*	0.03	*0.01*
USA, West Virginia	40	**0.5**	*0.08*	0.06	*0.01*	24	**0.2**	*0.04*	0.01	*0.01*
USA, Wisconsin	99	**0.4**	*0.05*	0.05	*0.01*	90	**0.3**	*0.04*	0.04	*0.01*
USA, Wisconsin: Black	0	**-**	-	–	-	2	**0.3**	*0.21*	0.06	*0.04*
USA, Wisconsin: White	97	**0.5**	*0.05*	0.05	*0.01*	86	**0.3**	*0.04*	0.04	*0.01*
USA, Wyoming	3	**0.2**	*0.10*	0.03	*0.02*	4	**0.2**	*0.09*	0.02	*0.01*
Asia										
Bahrain: Bahraini	0	**-**	-	–	-	0	**-**	-	–	-
China, Beijing City	202	**0.6**	*0.05*	0.08	*0.01*	255	**0.8**	*0.05*	0.10	*0.01*
*China, Cixian County	2	**0.2**	*0.12*	0.02	*0.01*	1	**0.1**	*0.06*	–	-
China, Haining County	2	**0.1**	*0.05*	–	-	3	**0.1**	*0.08*	0.03	*0.02*
*China, Harbin City, Nangang District	10	**0.4**	*0.12*	0.06	*0.02*	22	**0.7**	*0.15*	0.11	*0.02*
China, Hong Kong	66	**0.3**	*0.03*	0.03	*0.00*	71	**0.2**	*0.03*	0.03	*0.00*
China, Jiashan County	0	**-**	-	–	-	2	**0.1**	*0.10*	0.01	*0.01*
China, Jiaxing City	3	**0.3**	*0.19*	0.01	*0.01*	2	**0.2**	*0.13*	0.03	*0.02*
China, Macao	2	**0.2**	*0.14*	0.05	*0.04*	5	**0.3**	*0.17*	0.04	*0.03*
China, Qidong County	4	**0.1**	*0.05*	0.01	*0.01*	5	**0.1**	*0.06*	0.01	*0.01*
*China, Shanghai City	118	**0.4**	*0.04*	0.05	*0.01*	109	**0.3**	*0.03*	0.04	*0.01*
*China, Wuhan City	26	**0.2**	*0.04*	0.03	*0.01*	35	**0.2**	*0.04*	0.03	*0.01*
*China, Yangcheng County	0	**-**	-	–	-	1	**0.1**	*0.12*	0.02	*0.02*
*China, Yanting County	2	**0.1**	*0.09*	0.00	*0.00*	0	**-**	-	–	-
*China, Zhongshan City	5	**0.2**	*0.08*	0.02	*0.01*	8	**0.2**	*0.09*	0.03	*0.01*
*India, Bangalore	1	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
*India; Barshi, Paranda, and Bhum	0	**-**	-	–	-	0	**-**	-	–	-
*India, Bhopal	0	**-**	-	–	-	0	**-**	-	–	-
*India, Chennai	5	**0.1**	*0.03*	0.01	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
*India, Dindigul, Ambilikkai	0	**-**	-	–	-	0	**-**	-	–	-
*India, Karunagappally	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mizoram	2	**0.1**	*0.10*	–	-	0	**-**	-	–	-
*India, Mumbai	12	**0.1**	*0.02*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
*India, New Delhi	5	**0.0**	*0.01*	0.00	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
*India, Poona	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
*India, Sikkim State	0	**-**	-	–	-	0	**-**	-	–	-
*India, Trivandrum	1	**0.1**	*0.06*	–	-	0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province	0	**-**	-	–	-	0	**-**	-	–	-
Israel	88	**0.4**	*0.05*	0.05	*0.01*	40	**0.1**	*0.03*	0.02	*0.00*
*Israel: Jews	82	**0.4**	*0.05*	0.05	*0.01*	38	**0.1**	*0.03*	0.02	*0.00*
*Israel: Non–Jews	6	**0.4**	*0.16*	0.06	*0.03*	2	**0.1**	*0.09*	0.02	*0.02*
Japan, Aichi Prefecture	45	**0.7**	*0.10*	0.10	*0.02*	19	**0.2**	*0.06*	0.02	*0.01*
Japan, Fukui Prefecture	46	**0.8**	*0.13*	0.09	*0.02*	43	**0.5**	*0.09*	0.05	*0.01*
Japan, Hiroshima	65	**1.1**	*0.14*	0.13	*0.02*	24	**0.3**	*0.07*	0.04	*0.01*
Japan, Miyagi Prefecture	116	**0.9**	*0.08*	0.11	*0.01*	86	**0.4**	*0.06*	0.06	*0.01*
Japan, Nagasaki Prefecture	103	**1.2**	*0.13*	0.14	*0.02*	69	**0.5**	*0.07*	0.05	*0.01*
Japan, Niigata Prefecture	140	**0.9**	*0.08*	0.10	*0.01*	105	**0.4**	*0.05*	0.05	*0.01*
*Japan, Osaka Prefecture	337	**0.7**	*0.04*	0.08	*0.01*	200	**0.3**	*0.02*	0.03	*0.00*
Japan, Saga Prefecture	54	**1.0**	*0.15*	0.13	*0.02*	33	**0.3**	*0.07*	0.04	*0.01*
Republic of Korea	866	**0.7**	*0.02*	0.09	*0.00*	457	**0.3**	*0.01*	0.03	*0.00*
Republic of Korea, Busan	84	**0.9**	*0.11*	0.10	*0.01*	43	**0.3**	*0.05*	0.04	*0.01*
Republic of Korea, Daegu	38	**0.7**	*0.11*	0.10	*0.02*	16	**0.2**	*0.05*	0.02	*0.01*
Republic of Korea, Daejeon	24	**0.8**	*0.16*	0.09	*0.02*	16	**0.4**	*0.11*	0.05	*0.02*
Republic of Korea, Gwangju	20	**0.7**	*0.15*	0.09	*0.03*	6	**0.1**	*0.06*	0.02	*0.01*
Republic of Korea, Incheon	42	**0.8**	*0.13*	0.11	*0.02*	14	**0.2**	*0.06*	0.03	*0.01*
Republic of Korea, Jejudo	12	**1.1**	*0.31*	0.12	*0.04*	4	**0.2**	*0.10*	0.01	*0.01*
Republic of Korea, Seoul	151	**0.6**	*0.05*	0.08	*0.01*	94	**0.3**	*0.03*	0.04	*0.00*
Republic of Korea, Ulsan	16	**0.9**	*0.24*	0.11	*0.03*	8	**0.3**	*0.11*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ureter (C66) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	1	**0.0**	*0.05*	0.01	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
*Kuwait: Kuwaitis	1	**0.1**	*0.10*	0.02	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
*Kuwait: Non−Kuwaitis	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang	4	**0.2**	*0.11*	0.02	*0.02*	4	**0.1**	*0.07*	0.01	*0.01*
*Malaysia, Penang: Chinese	4	**0.3**	*0.16*	0.03	*0.02*	4	**0.2**	*0.11*	0.01	*0.01*
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	0	**-**	-	–	-	0	**-**	-	–	-
*Philippines, Manila	3	**0.0**	*0.03*	0.01	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
*Philippines, Rizal	5	**0.1**	*0.04*	0.00	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
Qatar: Qatari	1	**0.5**	*0.51*	0.09	*0.09*	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	1	**0.0**	*0.03*	0.01	*0.01*	3	**0.1**	*0.04*	0.00	*0.00*
Singapore	24	**0.3**	*0.06*	0.04	*0.01*	24	**0.2**	*0.04*	0.02	*0.01*
Singapore: Chinese	21	**0.3**	*0.06*	0.04	*0.01*	22	**0.2**	*0.05*	0.02	*0.01*
Singapore: Indian	1	**0.2**	*0.20*	0.03	*0.03*	1	**0.2**	*0.17*	0.04	*0.04*
Singapore: Malay	2	**0.2**	*0.14*	0.03	*0.03*	1	**0.1**	*0.07*	–	-
Thailand, Bangkok	14	**0.1**	*0.03*	0.01	*0.00*	8	**0.0**	*0.02*	0.01	*0.00*
Thailand, Chiang Mai	2	**0.0**	*0.03*	0.01	*0.01*	4	**0.1**	*0.04*	0.02	*0.01*
Thailand, Chonburi	1	**0.0**	*0.04*	–	-	4	**0.1**	*0.06*	0.01	*0.01*
*Thailand, Khon Kaen	3	**0.1**	*0.05*	0.02	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
Thailand, Lampang	4	**0.1**	*0.08*	0.01	*0.01*	3	**0.1**	*0.07*	0.01	*0.01*
*Thailand, Songkhla	1	**0.0**	*0.03*	0.00	*0.00*	3	**0.1**	*0.06*	0.01	*0.01*
*Turkey, Antalya	4	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
*Turkey, Edirne	0	**-**	-	–	-	0	**-**	-	–	-
*Turkey, Izmir	20	**0.2**	*0.05*	0.03	*0.01*	2	**0.0**	*0.01*	0.00	*0.00*
*Turkey, Trabzon	0	**-**	-	–	-	0	**-**	-	–	-
Europe										
Austria	149	**0.4**	*0.04*	0.05	*0.01*	105	**0.2**	*0.02*	0.02	*0.00*
Austria, Tyrol	6	**0.2**	*0.08*	0.01	*0.01*	7	**0.2**	*0.07*	0.03	*0.01*
Austria, Vorarlberg	5	**0.3**	*0.13*	0.01	*0.01*	0	**-**	-	–	-
*Belarus	36	**0.1**	*0.02*	0.02	*0.00*	23	**0.0**	*0.01*	0.01	*0.00*
*Belgium	267	**0.7**	*0.04*	0.08	*0.01*	104	**0.2**	*0.02*	0.02	*0.00*
Bulgaria	45	**0.1**	*0.02*	0.02	*0.00*	26	**0.1**	*0.01*	0.01	*0.00*
Croatia	56	**0.3**	*0.04*	0.04	*0.01*	43	**0.1**	*0.03*	0.02	*0.00*
Cyprus	10	**0.4**	*0.13*	0.05	*0.02*	1	**0.0**	*0.04*	0.01	*0.01*
Czech Republic	157	**0.4**	*0.03*	0.05	*0.00*	101	**0.2**	*0.02*	0.02	*0.00*
Denmark	75	**0.3**	*0.04*	0.04	*0.01*	36	**0.1**	*0.02*	0.01	*0.00*
*Estonia	17	**0.4**	*0.09*	0.05	*0.01*	10	**0.1**	*0.04*	0.01	*0.00*
Finland	57	**0.2**	*0.03*	0.02	*0.00*	42	**0.1**	*0.02*	0.02	*0.00*
*France, Bas−Rhin	23	**0.6**	*0.13*	0.07	*0.02*	9	**0.1**	*0.05*	0.01	*0.01*
*France, Calvados	21	**0.7**	*0.15*	0.09	*0.03*	9	**0.2**	*0.07*	0.03	*0.01*
*France, Doubs	14	**0.5**	*0.16*	0.05	*0.02*	6	**0.1**	*0.06*	0.01	*0.01*
*France, Haut−Rhin	10	**0.3**	*0.09*	0.04	*0.02*	2	**0.0**	*0.02*	–	-
*France, Hérault	22	**0.4**	*0.09*	0.05	*0.01*	8	**0.1**	*0.05*	0.02	*0.01*
*France, Isère	25	**0.5**	*0.11*	0.07	*0.02*	20	**0.2**	*0.06*	0.02	*0.01*
*France, Loire−Atlantique	26	**0.4**	*0.09*	0.05	*0.01*	9	**0.1**	*0.04*	0.01	*0.01*
*France, Manche	9	**0.4**	*0.15*	0.05	*0.02*	3	**0.1**	*0.05*	0.01	*0.01*
*France, Somme	16	**0.6**	*0.15*	0.06	*0.02*	5	**0.1**	*0.08*	0.02	*0.01*
*France, Tarn	10	**0.5**	*0.17*	0.07	*0.03*	5	**0.1**	*0.05*	0.01	*0.01*
*France, Vendée	10	**0.3**	*0.10*	0.04	*0.02*	5	**0.2**	*0.08*	0.02	*0.01*
Germany, Brandenburg	63	**0.5**	*0.07*	0.06	*0.01*	24	**0.1**	*0.03*	0.01	*0.00*
Germany, Bremen	22	**0.7**	*0.15*	0.10	*0.02*	12	**0.2**	*0.07*	0.02	*0.01*
Germany, Free State of Saxony	84	**0.4**	*0.04*	0.04	*0.01*	60	**0.2**	*0.02*	0.02	*0.00*
Germany, Hamburg	28	**0.3**	*0.06*	0.03	*0.01*	19	**0.2**	*0.04*	0.02	*0.01*
Germany, Mecklenburg−Western Pomerania	46	**0.5**	*0.08*	0.05	*0.01*	29	**0.2**	*0.05*	0.04	*0.01*
Germany, Munich	78	**0.4**	*0.05*	0.05	*0.01*	42	**0.2**	*0.03*	0.02	*0.00*
Germany, North Rhine−Westphalia	61	**0.5**	*0.07*	0.07	*0.01*	30	**0.2**	*0.04*	0.02	*0.01*
Germany, Saarland	23	**0.4**	*0.08*	0.04	*0.01*	21	**0.3**	*0.08*	0.04	*0.01*
Germany, Schleswig−Holstein	74	**0.5**	*0.06*	0.06	*0.01*	40	**0.2**	*0.03*	0.02	*0.01*
Iceland	4	**0.5**	*0.26*	0.08	*0.04*	2	**0.1**	*0.06*	–	-
Ireland	36	**0.3**	*0.04*	0.04	*0.01*	19	**0.1**	*0.03*	0.02	*0.00*
Italy, Biella	3	**0.4**	*0.24*	0.03	*0.02*	0	**-**	-	–	-
Italy, Brescia	19	**0.5**	*0.11*	0.06	*0.02*	2	**0.0**	*0.02*	0.00	*0.00*
Italy, Catania and Messina	23	**0.5**	*0.12*	0.07	*0.02*	6	**0.1**	*0.04*	0.01	*0.01*
Italy, Catanzaro	4	**0.3**	*0.15*	0.06	*0.03*	0	**-**	-	–	-
Italy, Como	18	**0.6**	*0.15*	0.07	*0.02*	7	**0.3**	*0.10*	0.04	*0.01*
Italy, Ferrara	18	**0.8**	*0.21*	0.10	*0.03*	8	**0.2**	*0.09*	0.02	*0.01*
Italy, Florence and Prato	27	**0.6**	*0.13*	0.07	*0.02*	10	**0.2**	*0.07*	0.03	*0.01*
Italy, Friuli−Venezia Giulia	37	**0.5**	*0.08*	0.05	*0.01*	21	**0.2**	*0.05*	0.02	*0.01*
Italy, Genoa	25	**0.5**	*0.11*	0.05	*0.02*	12	**0.2**	*0.07*	0.03	*0.01*
Italy, Latina	12	**0.5**	*0.14*	0.04	*0.02*	3	**0.1**	*0.08*	0.01	*0.01*
Italy, Lecco	11	**0.6**	*0.20*	0.10	*0.04*	4	**0.2**	*0.12*	0.03	*0.02*
Italy, Lombardy, South	22	**0.9**	*0.21*	0.11	*0.03*	6	**0.1**	*0.07*	0.01	*0.01*
Italy, Mantua	6	**0.5**	*0.21*	0.07	*0.03*	2	**0.1**	*0.09*	0.01	*0.01*
Italy, Milan	40	**0.6**	*0.10*	0.08	*0.02*	21	**0.2**	*0.07*	0.02	*0.01*
Italy, Modena	18	**0.5**	*0.13*	0.08	*0.02*	10	**0.3**	*0.10*	0.04	*0.01*
Italy, Naples	14	**0.8**	*0.21*	0.11	*0.03*	5	**0.2**	*0.09*	0.02	*0.01*
Italy, Nuoro	4	**0.2**	*0.12*	0.02	*0.02*	1	**0.0**	*0.03*	–	-
Italy, Palermo	17	**0.4**	*0.11*	0.05	*0.02*	9	**0.1**	*0.05*	0.02	*0.01*
Italy, Parma	9	**0.5**	*0.16*	0.07	*0.03*	7	**0.1**	*0.07*	0.01	*0.01*
Italy, Ragusa	4	**0.3**	*0.17*	0.06	*0.03*	1	**0.0**	*0.02*	–	-
Italy, Reggio Emilia	8	**0.3**	*0.12*	0.05	*0.02*	6	**0.2**	*0.09*	0.02	*0.01*
Italy, Romagna	45	**0.7**	*0.11*	0.10	*0.02*	17	**0.2**	*0.06*	0.03	*0.01*
Italy, Salerno	18	**0.4**	*0.11*	0.06	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
Italy, Sassari	8	**0.4**	*0.14*	0.05	*0.02*	2	**0.1**	*0.05*	0.01	*0.01*
Italy, Sondrio	7	**0.9**	*0.34*	0.13	*0.05*	5	**0.5**	*0.24*	0.07	*0.04*
Italy, South Tyrol	9	**0.6**	*0.20*	0.09	*0.03*	4	**0.2**	*0.09*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ureter (C66) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	6	**0.4**	*0.17*	0.06	*0.02*	2	**0.1**	*0.07*	0.01	*0.01*
Italy, Trapani	6	**0.4**	*0.16*	0.06	*0.03*	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Trento	4	**0.2**	*0.12*	0.03	*0.02*	3	**0.2**	*0.11*	0.03	*0.02*
Italy, Turin	30	**0.5**	*0.10*	0.06	*0.02*	14	**0.2**	*0.06*	0.02	*0.01*
Italy, Umbria	46	**1.0**	*0.16*	0.13	*0.02*	18	**0.3**	*0.08*	0.03	*0.01*
Italy, Varese	37	**0.9**	*0.16*	0.12	*0.02*	11	**0.2**	*0.06*	0.02	*0.01*
Italy, Veneto	45	**0.5**	*0.07*	0.05	*0.01*	20	**0.1**	*0.03*	0.02	*0.01*
Latvia	11	**0.2**	*0.05*	0.03	*0.01*	8	**0.1**	*0.02*	0.01	*0.00*
Lithuania	15	**0.1**	*0.03*	0.01	*0.00*	11	**0.1**	*0.02*	0.01	*0.00*
Malta	5	**0.3**	*0.15*	0.05	*0.03*	0	**-**	-	–	-
*The Netherlands	421	**0.6**	*0.03*	0.07	*0.00*	198	**0.2**	*0.02*	0.03	*0.00*
*The Netherlands, Eindhoven	30	**0.7**	*0.12*	0.11	*0.02*	10	**0.1**	*0.05*	0.01	*0.01*
Norway	53	**0.3**	*0.04*	0.03	*0.01*	36	**0.1**	*0.02*	0.01	*0.00*
Poland, Cracow	2	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.04*	0.01	*0.01*
Poland, Kielce	2	**0.0**	*0.03*	0.00	*0.00*	3	**0.0**	*0.03*	0.01	*0.00*
Poland, Lower Silesia	9	**0.1**	*0.03*	0.01	*0.01*	8	**0.0**	*0.02*	0.00	*0.00*
Poland, Podkarpackie	6	**0.1**	*0.04*	0.01	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Portugal, Azores	0	**-**	-	–	-	1	**0.1**	*0.05*	–	-
Russian Federation, Saint Petersburg	16	**0.1**	*0.03*	0.01	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
*Serbia, Central	106	**0.4**	*0.04*	0.05	*0.01*	83	**0.2**	*0.03*	0.03	*0.00*
Slovakia	43	**0.2**	*0.04*	0.03	*0.01*	35	**0.2**	*0.03*	0.02	*0.00*
Slovenia	23	**0.3**	*0.07*	0.04	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
Spain, Albacete	4	**0.2**	*0.13*	0.04	*0.02*	1	**0.0**	*0.02*	–	-
Spain, Asturias	18	**0.3**	*0.06*	0.04	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
Spain, Basque Country	51	**0.5**	*0.07*	0.05	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
Spain, Canary Islands	16	**0.3**	*0.08*	0.04	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Spain, Ciudad Real	13	**0.8**	*0.25*	0.12	*0.04*	3	**0.1**	*0.07*	0.01	*0.01*
Spain, Cuenca	3	**0.3**	*0.18*	0.04	*0.03*	4	**0.2**	*0.09*	0.03	*0.02*
Spain, Girona	8	**0.3**	*0.10*	0.03	*0.02*	3	**0.1**	*0.06*	0.00	*0.00*
*Spain, Granada	11	**0.3**	*0.10*	0.04	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
Spain, La Rioja	8	**0.6**	*0.24*	0.08	*0.03*	3	**0.1**	*0.04*	–	-
Spain, Mallorca	14	**0.4**	*0.12*	0.06	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
Spain, Murcia	20	**0.4**	*0.08*	0.04	*0.01*	3	**0.1**	*0.03*	0.01	*0.01*
Spain, Navarra	14	**0.4**	*0.12*	0.06	*0.02*	5	**0.1**	*0.06*	0.02	*0.01*
Spain, Tarragona	17	**0.5**	*0.14*	0.07	*0.02*	10	**0.2**	*0.07*	0.02	*0.01*
*Sweden	128	**0.3**	*0.03*	0.03	*0.00*	108	**0.2**	*0.02*	0.03	*0.00*
Switzerland, Basel	9	**0.3**	*0.13*	0.02	*0.01*	5	**0.2**	*0.09*	0.01	*0.01*
Switzerland, Geneva	4	**0.2**	*0.11*	0.02	*0.01*	6	**0.2**	*0.08*	0.01	*0.01*
Switzerland, Graubünden and Glarus	4	**0.4**	*0.21*	0.06	*0.04*	0	**-**	-	–	-
Switzerland, Neuchâtel	4	**0.5**	*0.27*	0.04	*0.03*	2	**0.3**	*0.24*	0.04	*0.03*
Switzerland, St Gall–Appenzell	3	**0.1**	*0.07*	0.02	*0.02*	4	**0.1**	*0.07*	0.02	*0.01*
Switzerland, Ticino	8	**0.6**	*0.21*	0.07	*0.03*	4	**0.2**	*0.12*	0.02	*0.01*
Switzerland, Valais	2	**0.2**	*0.14*	0.03	*0.02*	2	**0.2**	*0.11*	0.03	*0.02*
Switzerland, Vaud	14	**0.5**	*0.15*	0.06	*0.02*	7	**0.2**	*0.09*	0.03	*0.01*
Switzerland, Zurich	18	**0.3**	*0.08*	0.05	*0.01*	11	**0.1**	*0.05*	0.02	*0.01*
Ukraine	131	**0.1**	*0.01*	0.01	*0.00*	95	**0.0**	*0.00*	0.00	*0.00*
UK, England	798	**0.3**	*0.01*	0.04	*0.00*	520	**0.2**	*0.01*	0.02	*0.00*
UK, England, East of England Region	93	**0.4**	*0.04*	0.05	*0.01*	54	**0.1**	*0.02*	0.02	*0.00*
UK, England, North Western	107	**0.4**	*0.04*	0.05	*0.01*	76	**0.2**	*0.03*	0.03	*0.00*
UK, England, Northern and Yorkshire	130	**0.4**	*0.04*	0.04	*0.01*	102	**0.2**	*0.03*	0.03	*0.00*
UK, England, Oxford Region	29	**0.3**	*0.05*	0.04	*0.01*	28	**0.2**	*0.04*	0.02	*0.01*
UK, England, South and Western Regions	134	**0.4**	*0.03*	0.05	*0.01*	77	**0.2**	*0.02*	0.02	*0.00*
UK, England, Thames	142	**0.3**	*0.03*	0.03	*0.00*	78	**0.1**	*0.01*	0.01	*0.00*
UK, England, Trent	52	**0.4**	*0.05*	0.05	*0.01*	39	**0.2**	*0.04*	0.02	*0.01*
UK, England, West Midlands	82	**0.3**	*0.04*	0.04	*0.01*	48	**0.2**	*0.03*	0.02	*0.00*
UK, Northern Ireland	21	**0.3**	*0.07*	0.05	*0.01*	22	**0.3**	*0.06*	0.04	*0.01*
UK, Scotland	73	**0.3**	*0.04*	0.04	*0.01*	60	**0.2**	*0.03*	0.02	*0.00*
UK, Wales	60	**0.4**	*0.06*	0.05	*0.01*	41	**0.2**	*0.04*	0.02	*0.01*
Oceania										
Australian Capital Territory	6	**0.5**	*0.21*	0.03	*0.03*	2	**0.2**	*0.12*	0.01	*0.01*
Australia, New South Wales	114	**0.4**	*0.04*	0.04	*0.01*	77	**0.2**	*0.03*	0.03	*0.00*
Australia, Northern Territory	0	**-**	-	–	-	1	**0.3**	*0.29*	–	-
Australia, Northern Territory: Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	0	**-**	-	–	-	1	**0.4**	*0.36*	–	-
Australia, Queensland	70	**0.4**	*0.05*	0.06	*0.01*	61	**0.3**	*0.04*	0.03	*0.01*
South Australia	21	**0.3**	*0.06*	0.03	*0.01*	27	**0.3**	*0.06*	0.03	*0.01*
Australia, Tasmania	5	**0.2**	*0.11*	0.03	*0.02*	5	**0.2**	*0.09*	0.02	*0.01*
Australia, Victoria	65	**0.3**	*0.04*	0.03	*0.01*	52	**0.2**	*0.03*	0.02	*0.00*
Western Australia	24	**0.3**	*0.06*	0.03	*0.01*	13	**0.1**	*0.04*	0.02	*0.01*
New Zealand	45	**0.3**	*0.04*	0.03	*0.01*	20	**0.1**	*0.03*	0.01	*0.00*
New Zealand: Maori	0	**-**	-	–	-	1	**0.1**	*0.09*	–	-
New Zealand: Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
New Zealand: Other	45	**0.3**	*0.05*	0.04	*0.01*	19	**0.1**	*0.03*	0.02	*0.00*
USA, Hawaii	24	**0.4**	*0.09*	0.04	*0.01*	22	**0.3**	*0.07*	0.03	*0.01*
*USA, Hawaii: Chinese	4	**1.4**	*0.75*	0.24	*0.14*	2	**0.4**	*0.28*	0.07	*0.07*
*USA, Hawaii: Filipino	2	**0.3**	*0.20*	0.01	*0.01*	2	**0.4**	*0.25*	0.05	*0.04*
*USA, Hawaii: Hawaiian	0	**-**	-	–	-	2	**0.2**	*0.18*	0.02	*0.02*
*USA, Hawaii: Japanese	10	**0.5**	*0.19*	0.03	*0.02*	13	**0.4**	*0.12*	0.03	*0.02*
*USA, Hawaii: White	5	**0.3**	*0.16*	0.05	*0.03*	2	**0.1**	*0.10*	0.02	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bladder (C67)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	203	**8.6**	*0.63*	–	-	58	**2.5**	*0.34*	–	-
Egypt, Gharbiah	1231	**19.0**	*0.56*	2.37	*0.08*	323	**5.0**	*0.29*	0.67	*0.04*
*Libya, Benghazi	174	**14.9**	*1.16*	1.72	*0.18*	26	**2.3**	*0.46*	0.36	*0.09*
*Malawi, Blantyre	139	**13.3**	*1.38*	1.56	*0.20*	98	**9.2**	*1.15*	1.01	*0.15*
*South Africa, PROMEC	12	**0.7**	*0.20*	0.08	*0.03*	5	**0.2**	*0.11*	0.03	*0.01*
†*Tunisia, North	883	**12.9**	*0.44*	1.67	*0.07*	105	**1.5**	*0.15*	0.17	*0.02*
*Uganda, Kyadondo County	31	**2.6**	*0.55*	0.30	*0.09*	25	**1.8**	*0.40*	0.23	*0.07*
*Zimbabwe, Harare: African	75	**9.4**	*1.17*	0.94	*0.15*	51	**6.2**	*0.95*	0.74	*0.15*
America, Central and South										
Argentina, Bahía Blanca	171	**17.9**	*1.49*	2.07	*0.21*	48	**2.9**	*0.53*	0.26	*0.06*
Argentina, Córdoba	407	**14.9**	*0.75*	1.86	*0.11*	131	**3.3**	*0.31*	0.39	*0.04*
Argentina, Mendoza	641	**14.2**	*0.58*	1.71	*0.09*	189	**3.3**	*0.26*	0.39	*0.04*
*Argentina, Tierra del Fuego	19	**12.7**	*3.06*	1.48	*0.46*	7	**3.3**	*1.39*	0.28	*0.18*
Brazil, Aracaju	64	**11.3**	*1.46*	1.19	*0.22*	30	**3.1**	*0.58*	0.32	*0.09*
Brazil, Belo Horizonte	273	**10.8**	*0.66*	1.27	*0.10*	115	**2.8**	*0.27*	0.30	*0.04*
Brazil, Cuiabá	66	**7.9**	*1.00*	0.89	*0.16*	20	**2.3**	*0.52*	0.29	*0.08*
Brazil, Fortaleza	118	**4.2**	*0.39*	0.49	*0.06*	75	**1.8**	*0.21*	0.20	*0.03*
Brazil, Goiânia	289	**15.4**	*0.92*	1.70	*0.14*	148	**5.8**	*0.49*	0.66	*0.07*
*Brazil, São Paulo	3096	**14.5**	*0.28*	1.58	*0.04*	1369	**4.3**	*0.13*	0.46	*0.02*
Chile, Region of Antofagasta	197	**17.6**	*1.29*	2.03	*0.20*	126	**9.8**	*0.90*	1.25	*0.14*
Chile, Bío Bío Province	30	**2.8**	*0.52*	0.28	*0.07*	16	**1.3**	*0.33*	0.14	*0.05*
Chile, Valdivia	40	**3.8**	*0.61*	0.47	*0.10*	26	**2.3**	*0.46*	0.33	*0.07*
Colombia, Bucaramanga	81	**3.8**	*0.43*	0.44	*0.07*	37	**1.3**	*0.22*	0.14	*0.03*
Colombia, Cali	293	**6.8**	*0.42*	0.79	*0.06*	130	**2.2**	*0.20*	0.23	*0.03*
Colombia, Manizales	50	**5.2**	*0.75*	0.55	*0.11*	14	**1.2**	*0.33*	0.18	*0.05*
Colombia, Pasto	27	**3.6**	*0.71*	0.45	*0.11*	14	**1.5**	*0.41*	0.18	*0.06*
Costa Rica	486	**5.4**	*0.25*	0.60	*0.04*	149	**1.5**	*0.13*	0.17	*0.02*
Cuba, Villa Clara	235	**8.3**	*0.59*	0.96	*0.09*	74	**2.5**	*0.31*	0.26	*0.04*
Ecuador, Cuenca	32	**3.7**	*0.68*	0.52	*0.12*	16	**1.3**	*0.34*	0.15	*0.05*
Ecuador, Quito	158	**5.4**	*0.45*	0.62	*0.07*	80	**2.2**	*0.26*	0.25	*0.04*
†*France, Martinique	100	**6.7**	*0.71*	0.76	*0.10*	45	**1.8**	*0.30*	0.16	*0.04*
*Jamaica, Kingston and St Andrew	58	**4.1**	*0.55*	0.53	*0.09*	25	**1.4**	*0.29*	0.13	*0.04*
USA, Puerto Rico	1362	**9.1**	*0.26*	1.05	*0.04*	480	**2.4**	*0.12*	0.26	*0.02*
Uruguay	1103	**15.8**	*0.50*	1.87	*0.07*	337	**3.3**	*0.20*	0.35	*0.03*
America, North										
† Canada	24778	**18.9**	*0.12*	2.20	*0.02*	8835	**5.5**	*0.07*	0.64	*0.01*
† Canada, Alberta	2342	**20.7**	*0.45*	2.45	*0.07*	810	**6.3**	*0.24*	0.77	*0.04*
† Canada, British Columbia	3458	**18.3**	*0.33*	2.12	*0.05*	1144	**5.3**	*0.17*	0.64	*0.03*
† Canada, Manitoba	1034	**20.8**	*0.69*	2.35	*0.10*	358	**6.1**	*0.37*	0.72	*0.05*
† Canada, New Brunswick	713	**22.0**	*0.86*	2.60	*0.13*	256	**6.8**	*0.47*	0.85	*0.07*
Canada, Newfoundland and Labrador	389	**17.3**	*0.90*	1.91	*0.14*	142	**5.5**	*0.50*	0.67	*0.08*
*Canada, Northwest Territories	7	**9.3**	*3.65*	1.29	*0.56*	8	**9.1**	*3.39*	1.50	*0.65*
† Canada, Nova Scotia	946	**22.8**	*0.77*	2.64	*0.12*	344	**6.9**	*0.41*	0.79	*0.06*
Canada, Ontario	6722	**13.4**	*0.17*	1.56	*0.03*	2407	**3.7**	*0.09*	0.42	*0.01*
Canada, Prince Edward Island	123	**20.5**	*1.92*	2.29	*0.28*	43	**6.1**	*1.03*	0.75	*0.15*
†*Canada, Quebec	8177	**26.0**	*0.30*	3.02	*0.04*	2993	**7.6**	*0.15*	0.87	*0.02*
† Canada, Saskatchewan	854	**19.4**	*0.72*	2.28	*0.11*	323	**6.6**	*0.42*	0.79	*0.06*
*Canada, Yukon	13	**15.0**	*4.23*	2.67	*0.88*	7	**7.9**	*3.08*	1.13	*0.49*
USA, NPCR (42 states)	210605	**21.3**	*0.05*	2.49	*0.01*	71397	**5.6**	*0.02*	0.66	*0.00*
USA, NPCR (42 states): American Indian	515	**8.1**	*0.36*	0.94	*0.06*	171	**2.1**	*0.17*	0.24	*0.03*
USA, NPCR (42 states): Asian and Pacific Islander	2182	**6.9**	*0.15*	0.77	*0.02*	758	**1.8**	*0.07*	0.20	*0.01*
USA, NPCR (42 states): Black	8947	**10.9**	*0.12*	1.25	*0.02*	4814	**3.8**	*0.06*	0.43	*0.01*
USA, NPCR (42 states): White	195453	**22.5**	*0.05*	2.65	*0.01*	64513	**5.9**	*0.03*	0.70	*0.00*
USA, SEER (9 registries)	21259	**21.0**	*0.15*	2.43	*0.02*	7063	**5.4**	*0.07*	0.64	*0.01*
*USA, SEER (9 registries): Black	894	**11.9**	*0.41*	1.38	*0.06*	485	**4.2**	*0.20*	0.48	*0.03*
*USA, SEER (9 registries): White	19188	**23.0**	*0.18*	2.68	*0.03*	6168	**5.9**	*0.09*	0.71	*0.01*
USA, SEER (18 registries)	60100	**20.8**	*0.09*	2.41	*0.01*	19834	**5.3**	*0.04*	0.62	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	2045	**8.8**	*0.20*	1.01	*0.03*	662	**2.1**	*0.09*	0.23	*0.01*
*USA, SEER (18 registries): Black	2728	**12.1**	*0.24*	1.41	*0.04*	1409	**4.1**	*0.12*	0.47	*0.02*
*USA, SEER (18 registries): Hispanic White	3059	**11.3**	*0.21*	1.29	*0.03*	1073	**3.1**	*0.10*	0.36	*0.02*
*USA, SEER (18 registries): Non–Hispanic White	51313	**24.1**	*0.11*	2.81	*0.02*	16357	**6.1**	*0.05*	0.72	*0.01*
*USA, SEER (18 registries): White	54372	**22.6**	*0.10*	2.63	*0.02*	17430	**5.7**	*0.05*	0.67	*0.01*
USA, Alabama	3242	**18.8**	*0.34*	2.21	*0.05*	1057	**4.7**	*0.16*	0.56	*0.02*
USA, Alabama: Black	297	**9.8**	*0.59*	1.09	*0.09*	156	**3.3**	*0.29*	0.40	*0.04*
USA, Alabama: White	2904	**20.8**	*0.40*	2.46	*0.06*	891	**5.1**	*0.19*	0.61	*0.03*
USA, Alaska	393	**22.7**	*1.17*	2.70	*0.18*	93	**5.1**	*0.55*	0.63	*0.09*
*USA, Alaska: American Indian	33	**14.2**	*2.53*	1.66	*0.37*	6	**1.9**	*0.81*	0.12	*0.08*
USA, Arizona	4585	**19.3**	*0.31*	2.30	*0.05*	1429	**5.1**	*0.15*	0.64	*0.02*
USA, Arizona: American Indian	24	**3.9**	*0.81*	0.49	*0.13*	5	**0.6**	*0.27*	0.09	*0.05*
USA, Arizona: Asian and Pacific Islander	12	**3.2**	*0.93*	0.25	*0.14*	11	**2.1**	*0.65*	0.23	*0.11*
USA, Arizona: Black	39	**7.5**	*1.24*	0.76	*0.17*	26	**4.8**	*0.97*	0.63	*0.15*
USA, Arizona: White	4452	**20.0**	*0.32*	2.41	*0.05*	1369	**5.3**	*0.16*	0.65	*0.02*
USA, Arkansas	2178	**19.4**	*0.44*	2.32	*0.07*	746	**5.0**	*0.21*	0.59	*0.03*
USA, Arkansas: Black	76	**7.3**	*0.88*	0.94	*0.15*	55	**3.3**	*0.50*	0.39	*0.08*
USA, Arkansas: White	2073	**20.6**	*0.48*	2.46	*0.07*	679	**5.2**	*0.23*	0.62	*0.03*
USA, California	23118	**18.9**	*0.13*	2.17	*0.02*	7280	**4.6**	*0.06*	0.54	*0.01*
USA, California: American Indian	55	**5.2**	*0.72*	0.68	*0.12*	21	**1.5**	*0.35*	0.18	*0.06*
USA, California: Asian and Pacific Islander	1183	**7.8**	*0.24*	0.88	*0.04*	389	**1.9**	*0.10*	0.21	*0.02*
USA, California: Black	834	**13.0**	*0.46*	1.53	*0.07*	387	**4.3**	*0.23*	0.50	*0.04*
USA, California: White	20592	**20.7**	*0.15*	2.38	*0.02*	6341	**5.0**	*0.07*	0.59	*0.01*
USA, California, Los Angeles County	5371	**17.3**	*0.25*	1.95	*0.04*	1765	**4.2**	*0.11*	0.48	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander	496	**10.1**	*0.48*	1.11	*0.07*	132	**1.9**	*0.18*	0.19	*0.03*
*USA, California, Los Angeles County: Black	362	**12.9**	*0.69*	1.47	*0.10*	200	**4.7**	*0.36*	0.57	*0.06*
*USA, California, Los Angeles County: Chinese	158	**10.3**	*0.89*	1.14	*0.13*	42	**2.1**	*0.36*	0.19	*0.05*
*USA, California, Los Angeles County: Filipino	80	**8.8**	*1.02*	0.92	*0.14*	30	**1.9**	*0.36*	0.16	*0.05*
*USA, California, Los Angeles County: Hispanic White	719	**9.7**	*0.38*	1.09	*0.06*	263	**2.5**	*0.16*	0.28	*0.03*

Care should be exercised when comparing incidence rates for bladder cancers: for some registries the ICD-10 code C67 may include neoplasms in situ and of uncertain or unknown behaviour together with invasive cancers.

†*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bladder (C67) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	97	**12.8**	*1.62*	1.17	*0.22*	24	**3.0**	*0.76*	0.32	*0.10*
*USA, California, Los Angeles County: Korean	101	**16.2**	*1.64*	2.13	*0.28*	16	**1.7**	*0.44*	0.17	*0.07*
*USA, California, Los Angeles County: Non−Hispanic White	3692	**24.0**	*0.43*	2.78	*0.07*	1128	**5.8**	*0.20*	0.69	*0.03*
*USA, California, Los Angeles County: White	4411	**19.1**	*0.31*	2.18	*0.05*	1391	**4.6**	*0.14*	0.53	*0.02*
USA, California, San Francisco Bay Area	2928	**18.4**	*0.36*	2.13	*0.06*	961	**4.5**	*0.17*	0.52	*0.03*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	295	**8.5**	*0.52*	0.97	*0.08*	107	**2.2**	*0.24*	0.24	*0.03*
*USA, California, San Francisco Bay Area: Black	155	**12.7**	*1.06*	1.48	*0.16*	65	**3.4**	*0.47*	0.37	*0.07*
*USA, California, San Francisco Bay Area: Hispanic White	175	**12.0**	*0.96*	1.39	*0.15*	64	**3.0**	*0.40*	0.31	*0.06*
*USA, California, San Francisco Bay Area: Non−Hispanic White	2264	**23.4**	*0.53*	2.75	*0.08*	714	**5.8**	*0.26*	0.70	*0.04*
*USA, California, San Francisco Bay Area: White	2439	**21.9**	*0.47*	2.57	*0.08*	778	**5.4**	*0.22*	0.64	*0.04*
USA, Colorado	2929	**19.2**	*0.37*	2.26	*0.06*	955	**5.1**	*0.18*	0.59	*0.03*
USA, Colorado: Asian and Pacific Islander	9	**3.5**	*1.20*	0.37	*0.17*	8	**2.1**	*0.77*	0.22	*0.10*
USA, Colorado: Black	42	**9.3**	*1.49*	1.06	*0.21*	20	**3.9**	*0.90*	0.50	*0.14*
USA, Colorado: White	2810	**19.4**	*0.38*	2.30	*0.06*	896	**5.0**	*0.18*	0.59	*0.03*
USA, Connecticut	3651	**25.8**	*0.46*	3.01	*0.07*	1382	**7.5**	*0.23*	0.89	*0.04*
*USA, Connecticut: Black	90	**11.6**	*1.25*	1.53	*0.20*	60	**4.9**	*0.66*	0.54	*0.10*
*USA, Connecticut: White	3524	**27.0**	*0.49*	3.15	*0.08*	1306	**7.8**	*0.25*	0.94	*0.04*
USA, Delaware	845	**25.1**	*0.91*	3.01	*0.14*	302	**6.8**	*0.43*	0.76	*0.06*
USA, Delaware: Black	59	**14.4**	*1.91*	1.83	*0.30*	23	**3.4**	*0.73*	0.27	*0.10*
USA, Delaware: White	775	**26.9**	*1.02*	3.22	*0.16*	275	**7.5**	*0.51*	0.86	*0.07*
USA, Florida	18749	**21.4**	*0.17*	2.57	*0.03*	6056	**5.7**	*0.08*	0.68	*0.01*
USA, Florida: Asian and Pacific Islander	34	**3.2**	*0.56*	0.35	*0.08*	24	**1.8**	*0.37*	0.22	*0.06*
USA, Florida: Black	562	**8.6**	*0.37*	0.93	*0.05*	300	**3.2**	*0.19*	0.35	*0.03*
USA, Florida: White	17787	**22.5**	*0.19*	2.72	*0.03*	5624	**6.0**	*0.09*	0.71	*0.01*
USA, Georgia	5151	**19.0**	*0.27*	2.26	*0.04*	1713	**4.6**	*0.12*	0.54	*0.02*
USA, Georgia: Asian and Pacific Islander	32	**6.9**	*1.24*	0.96	*0.22*	7	**1.2**	*0.44*	0.08	*0.06*
USA, Georgia: Black	537	**10.2**	*0.45*	1.20	*0.07*	281	**3.2**	*0.20*	0.37	*0.03*
USA, Georgia: White	4560	**21.5**	*0.33*	2.55	*0.05*	1418	**5.2**	*0.15*	0.61	*0.02*
USA, Georgia, Atlanta	1336	**16.7**	*0.47*	1.96	*0.07*	488	**4.4**	*0.22*	0.54	*0.04*
*USA, Georgia, Atlanta: Black	184	**9.1**	*0.71*	1.13	*0.11*	112	**3.6**	*0.35*	0.41	*0.06*
*USA, Georgia, Atlanta: White	1126	**19.9**	*0.61*	2.35	*0.10*	366	**5.0**	*0.29*	0.62	*0.05*
USA, Idaho	1076	**19.8**	*0.64*	2.28	*0.10*	329	**5.0**	*0.31*	0.55	*0.05*
USA, Illinois	10319	**22.6**	*0.23*	2.63	*0.04*	3740	**6.2**	*0.11*	0.74	*0.02*
USA, Illinois: Asian and Pacific Islander	64	**4.8**	*0.61*	0.49	*0.09*	30	**1.7**	*0.32*	0.17	*0.04*
USA, Illinois: Black	538	**11.4**	*0.50*	1.27	*0.07*	304	**4.2**	*0.25*	0.51	*0.04*
USA, Illinois: White	9447	**24.0**	*0.26*	2.82	*0.04*	3322	**6.6**	*0.13*	0.78	*0.02*
USA, Indiana	4965	**21.8**	*0.32*	2.61	*0.05*	1734	**5.9**	*0.16*	0.72	*0.02*
USA, Indiana: Black	151	**11.7**	*0.98*	1.37	*0.14*	76	**3.8**	*0.47*	0.43	*0.07*
USA, Indiana: White	4668	**21.9**	*0.34*	2.62	*0.05*	1620	**5.9**	*0.16*	0.73	*0.03*
USA, Iowa	2991	**23.8**	*0.47*	2.80	*0.07*	898	**5.5**	*0.22*	0.65	*0.03*
USA, Kentucky	3514	**22.5**	*0.39*	2.66	*0.06*	1221	**6.1**	*0.19*	0.74	*0.03*
USA, Louisiana	2528	**20.6**	*0.42*	2.45	*0.07*	810	**5.0**	*0.19*	0.57	*0.03*
*USA, Louisiana: Black	341	**12.6**	*0.70*	1.54	*0.11*	151	**3.7**	*0.32*	0.43	*0.05*
*USA, Louisiana: White	2173	**23.1**	*0.52*	2.76	*0.08*	653	**5.5**	*0.24*	0.63	*0.03*
*USA, Louisiana, New Orleans	489	**20.0**	*0.95*	2.32	*0.15*	194	**5.4**	*0.44*	0.62	*0.07*
*USA, Louisiana, New Orleans: Black	102	**15.3**	*1.55*	1.80	*0.23*	38	**3.7**	*0.63*	0.44	*0.10*
*USA, Louisiana, New Orleans: White	385	**22.4**	*1.23*	2.63	*0.19*	155	**6.4**	*0.60*	0.73	*0.09*
USA, Maine	1666	**28.8**	*0.74*	3.40	*0.11*	604	**8.3**	*0.38*	0.97	*0.06*
USA, Massachusetts	6685	**26.6**	*0.35*	3.15	*0.05*	2583	**7.9**	*0.18*	0.98	*0.03*
USA, Massachusetts: Asian and Pacific Islander	37	**5.6**	*0.95*	0.78	*0.16*	15	**2.0**	*0.54*	0.25	*0.08*
USA, Massachusetts: Black	118	**12.3**	*1.17*	1.36	*0.17*	53	**3.7**	*0.54*	0.43	*0.09*
USA, Massachusetts: White	6461	**27.5**	*0.37*	3.27	*0.06*	2498	**8.2**	*0.19*	1.02	*0.03*
USA, Michigan	9189	**23.9**	*0.26*	2.76	*0.04*	3118	**6.4**	*0.13*	0.76	*0.02*
USA, Michigan: Asian and Pacific Islander	25	**4.9**	*1.00*	0.50	*0.14*	8	**1.2**	*0.43*	0.06	*0.03*
USA, Michigan: Black	493	**13.4**	*0.63*	1.52	*0.09*	258	**4.5**	*0.31*	0.50	*0.05*
USA, Michigan: White	8435	**24.7**	*0.28*	2.85	*0.04*	2763	**6.5**	*0.14*	0.78	*0.02*
USA, Michigan, Detroit	3577	**24.2**	*0.43*	2.75	*0.07*	1290	**6.6**	*0.21*	0.81	*0.03*
*USA, Michigan, Detroit: Black	366	**13.6**	*0.74*	1.53	*0.11*	209	**4.8**	*0.36*	0.55	*0.06*
*USA, Michigan, Detroit: White	3131	**26.8**	*0.51*	3.06	*0.08*	1049	**7.2**	*0.25*	0.88	*0.04*
USA, Mississippi	1762	**17.3**	*0.43*	2.05	*0.07*	602	**4.5**	*0.20*	0.53	*0.03*
USA, Missouri	4752	**21.0**	*0.32*	2.47	*0.05*	1536	**5.2**	*0.15*	0.62	*0.02*
USA, Missouri: Black	201	**12.6**	*0.92*	1.36	*0.13*	91	**3.6**	*0.41*	0.39	*0.06*
USA, Missouri: White	4495	**21.7**	*0.34*	2.57	*0.05*	1431	**5.4**	*0.16*	0.65	*0.02*
USA, Montana	924	**22.3**	*0.78*	2.54	*0.12*	267	**5.7**	*0.39*	0.67	*0.06*
USA, Montana: American Indian	26	**23.1**	*4.67*	2.40	*0.65*	5	**3.6**	*1.63*	0.47	*0.25*
USA, Nebraska	1491	**21.1**	*0.59*	2.41	*0.09*	520	**5.7**	*0.29*	0.65	*0.04*
USA, Nebraska: Black	20	**13.6**	*3.11*	1.80	*0.49*	16	**7.2**	*1.90*	0.80	*0.29*
USA, Nebraska: White	1449	**21.2**	*0.60*	2.43	*0.09*	497	**5.6**	*0.30*	0.64	*0.04*
USA, New Hampshire	1368	**27.6**	*0.78*	3.41	*0.12*	497	**8.3**	*0.41*	1.04	*0.06*
USA, New Jersey	8765	**26.4**	*0.30*	3.09	*0.05*	3185	**7.2**	*0.14*	0.84	*0.02*
*USA, New Jersey: Black	369	**11.9**	*0.63*	1.34	*0.09*	225	**4.5**	*0.32*	0.48	*0.05*
*USA, New Jersey: White	8039	**28.3**	*0.34*	3.35	*0.05*	2838	**7.6**	*0.16*	0.91	*0.02*
USA, New Mexico	1124	**15.5**	*0.48*	1.85	*0.07*	382	**4.2**	*0.24*	0.50	*0.04*
*USA, New Mexico: Hispanic White	225	**10.4**	*0.72*	1.28	*0.11*	89	**3.2**	*0.36*	0.35	*0.05*
*USA, New Mexico: Non−Hispanic White	869	**19.8**	*0.72*	2.37	*0.11*	279	**5.2**	*0.35*	0.62	*0.05*
*USA, New Mexico: White	1094	**16.5**	*0.53*	1.99	*0.08*	368	**4.5**	*0.26*	0.52	*0.04*
USA, New York State	17876	**24.3**	*0.19*	2.82	*0.03*	6631	**6.7**	*0.09*	0.79	*0.01*
USA, New York State: Asian and Pacific Islander	282	**7.7**	*0.47*	0.91	*0.07*	76	**1.7**	*0.20*	0.21	*0.03*
USA, New York State: Black	878	**10.4**	*0.36*	1.20	*0.05*	483	**3.4**	*0.16*	0.38	*0.02*
USA, New York State: White	16503	**27.2**	*0.23*	3.19	*0.03*	5988	**7.6**	*0.11*	0.90	*0.02*
USA, North Carolina	6552	**20.9**	*0.27*	2.47	*0.04*	2254	**5.4**	*0.12*	0.64	*0.02*
USA, North Carolina: American Indian	21	**8.1**	*1.79*	0.83	*0.26*	10	**2.4**	*0.78*	0.16	*0.10*
USA, North Carolina: Asian and Pacific Islander	18	**6.0**	*1.47*	0.72	*0.23*	7	**1.9**	*0.72*	0.30	*0.14*
USA, North Carolina: Black	532	**11.2**	*0.50*	1.31	*0.08*	289	**3.9**	*0.25*	0.47	*0.04*
USA, North Carolina: White	5938	**22.9**	*0.31*	2.72	*0.05*	1935	**5.8**	*0.15*	0.69	*0.02*
USA, North Dakota	663	**24.1**	*1.02*	2.75	*0.15*	213	**6.6**	*0.54*	0.84	*0.08*
USA, Ohio	10067	**22.4**	*0.24*	2.62	*0.04*	3387	**5.7**	*0.11*	0.69	*0.02*
USA, Ohio: Asian and Pacific Islander	25	**6.5**	*1.32*	0.84	*0.21*	7	**1.6**	*0.63*	0.25	*0.10*
USA, Ohio: Black	430	**12.1**	*0.60*	1.48	*0.09*	226	**4.1**	*0.29*	0.44	*0.04*
USA, Ohio: White	9302	**22.8**	*0.25*	2.67	*0.04*	3040	**5.7**	*0.12*	0.69	*0.02*

Care should be exercised when comparing incidence rates for bladder cancers: for some registries the ICD-10 code C67 may include neoplasms in situ and of uncertain or unknown behaviour together with invasive cancers.

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bladder (C67) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	2875	**20.8**	*0.41*	2.45	*0.06*	936	**5.3**	*0.19*	0.63	*0.03*
USA, Oklahoma: American Indian	144	**18.2**	*1.55*	2.15	*0.24*	46	**3.9**	*0.61*	0.39	*0.09*
USA, Oklahoma: Black	72	**10.8**	*1.31*	1.20	*0.20*	41	**4.8**	*0.81*	0.54	*0.11*
USA, Oklahoma: White	2621	**21.3**	*0.44*	2.53	*0.07*	838	**5.4**	*0.21*	0.65	*0.03*
USA, Oregon	3293	**22.1**	*0.41*	2.61	*0.06*	1078	**5.9**	*0.20*	0.70	*0.03*
USA, Oregon: Asian and Pacific Islander	16	**4.3**	*1.11*	0.32	*0.14*	11	**2.4**	*0.77*	0.21	*0.10*
USA, Oregon: Black	16	**10.5**	*2.70*	1.18	*0.45*	6	**2.8**	*1.25*	0.33	*0.21*
USA, Oregon: White	3146	**22.0**	*0.42*	2.62	*0.07*	1021	**5.9**	*0.21*	0.71	*0.03*
USA, Pennsylvania	13865	**25.7**	*0.23*	3.04	*0.04*	4846	**6.8**	*0.11*	0.82	*0.02*
USA, Pennsylvania: Asian and Pacific Islander	42	**6.1**	*0.96*	0.60	*0.13*	8	**1.1**	*0.41*	0.15	*0.06*
USA, Pennsylvania: Black	457	**13.2**	*0.64*	1.62	*0.10*	270	**4.6**	*0.31*	0.52	*0.05*
USA, Pennsylvania: White	13213	**26.6**	*0.25*	3.15	*0.04*	4511	**7.0**	*0.12*	0.85	*0.02*
USA, Rhode Island	1314	**30.7**	*0.91*	3.59	*0.14*	457	**7.8**	*0.43*	0.93	*0.07*
USA, Rhode Island: Black	20	**14.2**	*3.33*	1.53	*0.45*	7	**3.2**	*1.29*	0.20	*0.15*
USA, Rhode Island: White	1273	**31.2**	*0.94*	3.65	*0.15*	441	**8.0**	*0.45*	0.97	*0.07*
USA, South Carolina	2929	**18.3**	*0.35*	2.19	*0.05*	1020	**4.7**	*0.16*	0.55	*0.02*
USA, South Carolina: Black	269	**8.4**	*0.52*	0.94	*0.08*	185	**3.5**	*0.28*	0.41	*0.04*
USA, South Carolina: White	2635	**20.9**	*0.42*	2.51	*0.06*	827	**5.1**	*0.20*	0.60	*0.03*
USA, South Dakota	691	**20.5**	*0.85*	2.34	*0.13*	197	**5.0**	*0.41*	0.58	*0.06*
USA, Tennessee	4306	**19.4**	*0.31*	2.32	*0.05*	1416	**4.9**	*0.14*	0.58	*0.02*
USA, Tennessee: Black	229	**9.9**	*0.68*	1.13	*0.10*	131	**3.6**	*0.34*	0.42	*0.05*
USA, Tennessee: White	4040	**20.5**	*0.33*	2.46	*0.05*	1273	**5.1**	*0.16*	0.61	*0.02*
USA, Texas	12159	**17.1**	*0.16*	1.99	*0.02*	3908	**4.2**	*0.07*	0.47	*0.01*
USA, Texas: Asian and Pacific Islander	81	**4.9**	*0.56*	0.57	*0.09*	33	**1.6**	*0.28*	0.15	*0.04*
USA, Texas: Black	583	**9.8**	*0.42*	1.12	*0.06*	316	**3.4**	*0.20*	0.36	*0.03*
USA, Texas: White	11204	**17.7**	*0.17*	2.07	*0.03*	3468	**4.3**	*0.08*	0.49	*0.01*
USA, Utah	1151	**16.0**	*0.49*	1.85	*0.08*	295	**3.5**	*0.22*	0.41	*0.03*
USA, Vermont	662	**25.4**	*1.03*	2.88	*0.16*	247	**7.2**	*0.51*	0.81	*0.08*
USA, Virginia	5197	**19.7**	*0.28*	2.30	*0.04*	1783	**5.2**	*0.13*	0.62	*0.02*
USA, Virginia: Asian and Pacific Islander	59	**7.2**	*0.95*	0.82	*0.14*	20	**1.7**	*0.39*	0.19	*0.06*
USA, Virginia: Black	473	**12.2**	*0.58*	1.34	*0.08*	252	**4.2**	*0.28*	0.45	*0.04*
USA, Virginia: White	4598	**21.3**	*0.33*	2.50	*0.05*	1495	**5.5**	*0.16*	0.68	*0.02*
USA, Washington State	5285	**22.6**	*0.33*	2.64	*0.05*	1633	**5.8**	*0.16*	0.69	*0.02*
USA, Washington, Seattle	3698	**23.4**	*0.40*	2.68	*0.06*	1117	**5.8**	*0.19*	0.68	*0.03*
USA, West Virginia	1896	**23.8**	*0.57*	2.86	*0.09*	682	**6.6**	*0.29*	0.78	*0.04*
USA, Wisconsin	4825	**21.6**	*0.33*	2.50	*0.05*	1709	**6.1**	*0.17*	0.72	*0.03*
USA, Wisconsin: Black	55	**9.1**	*1.27*	1.14	*0.21*	30	**3.8**	*0.71*	0.48	*0.11*
USA, Wisconsin: White	4690	**21.9**	*0.34*	2.54	*0.05*	1645	**6.1**	*0.17*	0.72	*0.03*
USA, Wyoming	484	**24.2**	*1.15*	2.89	*0.18*	130	**5.5**	*0.53*	0.62	*0.08*
Asia										
Bahrain: Bahraini	77	**11.6**	*1.34*	1.36	*0.20*	19	**2.5**	*0.58*	0.14	*0.06*
China, Beijing City	2508	**8.2**	*0.17*	0.95	*0.02*	912	**2.8**	*0.10*	0.33	*0.01*
*China, Cixian County	32	**2.9**	*0.52*	0.28	*0.07*	7	**0.5**	*0.20*	0.07	*0.03*
China, Haining County	93	**4.3**	*0.46*	0.49	*0.07*	17	**0.7**	*0.19*	0.08	*0.03*
*China, Harbin City, Nangang District	193	**6.7**	*0.51*	0.76	*0.07*	84	**2.6**	*0.29*	0.29	*0.04*
China, Hong Kong	2014	**7.3**	*0.17*	0.79	*0.02*	626	**1.8**	*0.08*	0.18	*0.01*
China, Jiashan County	95	**6.6**	*0.71*	0.67	*0.09*	23	**1.3**	*0.28*	0.12	*0.04*
China, Jiaxing City	72	**6.0**	*0.73*	0.64	*0.10*	21	**1.6**	*0.38*	0.12	*0.04*
China, Macao	119	**10.0**	*0.96*	1.28	*0.16*	41	**2.3**	*0.39*	0.22	*0.06*
China, Qidong County	237	**5.2**	*0.35*	0.54	*0.05*	69	**1.2**	*0.15*	0.10	*0.02*
*China, Shanghai City	2435	**8.0**	*0.17*	0.86	*0.02*	810	**2.3**	*0.09*	0.26	*0.01*
*China, Wuhan City	1109	**8.0**	*0.25*	0.93	*0.04*	267	**1.8**	*0.11*	0.22	*0.02*
*China, Yangcheng County	24	**3.0**	*0.62*	0.44	*0.10*	7	**0.7**	*0.27*	0.04	*0.02*
*China, Yanting County	41	**3.0**	*0.50*	0.34	*0.07*	13	**0.8**	*0.22*	0.07	*0.02*
*China, Zhongshan City	200	**7.2**	*0.52*	0.82	*0.07*	53	**1.5**	*0.22*	0.18	*0.03*
*India, Bangalore	230	**3.4**	*0.23*	0.41	*0.04*	60	**0.9**	*0.11*	0.09	*0.02*
*India; Barshi, Paranda, and Bhum	15	**1.3**	*0.35*	0.15	*0.04*	2	**0.1**	*0.08*	0.02	*0.01*
*India, Bhopal	42	**2.2**	*0.35*	0.28	*0.05*	10	**0.5**	*0.16*	0.06	*0.02*
*India, Chennai	301	**3.1**	*0.18*	0.40	*0.03*	76	**0.8**	*0.09*	0.10	*0.01*
*India, Dindigul, Ambilikkai	51	**1.1**	*0.16*	0.15	*0.02*	15	**0.3**	*0.09*	0.03	*0.01*
*India, Karunagappally	32	**3.0**	*0.54*	0.41	*0.09*	3	**0.2**	*0.12*	0.01	*0.01*
*India, Mizoram	24	**1.5**	*0.32*	0.16	*0.05*	15	**1.0**	*0.27*	0.13	*0.04*
*India, Mumbai	883	**3.8**	*0.13*	0.42	*0.02*	246	**1.1**	*0.07*	0.12	*0.01*
*India, New Delhi	1488	**6.5**	*0.18*	0.81	*0.03*	338	**1.5**	*0.09*	0.18	*0.01*
*India, Poona	237	**3.5**	*0.23*	0.43	*0.04*	50	**0.7**	*0.10*	0.07	*0.01*
*India, Sikkim State	15	**1.6**	*0.42*	0.15	*0.05*	10	**1.2**	*0.41*	0.14	*0.06*
*India, Trivandrum	63	**4.0**	*0.51*	0.45	*0.07*	13	**0.7**	*0.19*	0.07	*0.02*
*Iran (Islamic Republic of), Golestan Province	133	**8.5**	*0.79*	0.93	*0.10*	48	**2.8**	*0.43*	0.31	*0.06*
Israel	5033	**25.4**	*0.38*	3.01	*0.06*	1167	**4.6**	*0.15*	0.53	*0.02*
*Israel: Jews	4629	**25.5**	*0.40*	3.02	*0.06*	1118	**4.8**	*0.16*	0.55	*0.02*
*Israel: Non–Jews	404	**24.3**	*1.23*	2.93	*0.19*	49	**2.7**	*0.39*	0.30	*0.06*
Japan, Aichi Prefecture	705	**11.1**	*0.43*	1.24	*0.06*	191	**2.6**	*0.20*	0.29	*0.03*
Japan, Fukui Prefecture	625	**12.2**	*0.55*	1.32	*0.08*	171	**2.3**	*0.22*	0.29	*0.03*
Japan, Hiroshima	1191	**21.0**	*0.63*	2.42	*0.09*	316	**4.0**	*0.26*	0.46	*0.04*
Japan, Miyagi Prefecture	1524	**12.0**	*0.34*	1.34	*0.05*	484	**2.9**	*0.16*	0.32	*0.02*
Japan, Nagasaki Prefecture	1234	**13.6**	*0.43*	1.53	*0.06*	399	**2.8**	*0.17*	0.32	*0.03*
† Japan, Niigata Prefecture	1289	**8.5**	*0.27*	0.92	*0.04*	425	**1.9**	*0.12*	0.19	*0.02*
*Japan, Osaka Prefecture	3941	**8.2**	*0.14*	0.91	*0.02*	1218	**1.9**	*0.06*	0.20	*0.01*
Japan, Saga Prefecture	368	**6.9**	*0.40*	0.73	*0.06*	150	**1.7**	*0.17*	0.17	*0.03*
Republic of Korea	11962	**9.6**	*0.09*	1.12	*0.01*	3000	**1.7**	*0.03*	0.19	*0.00*
Republic of Korea, Busan	1016	**11.0**	*0.37*	1.23	*0.05*	251	**1.9**	*0.12*	0.20	*0.02*
Republic of Korea, Daegu	534	**9.2**	*0.42*	1.11	*0.06*	141	**1.7**	*0.14*	0.19	*0.02*
Republic of Korea, Daejeon	282	**9.1**	*0.57*	0.98	*0.08*	64	**1.4**	*0.18*	0.16	*0.03*
Republic of Korea, Gwangju	370	**12.2**	*0.66*	1.37	*0.09*	87	**1.9**	*0.21*	0.20	*0.03*
Republic of Korea, Incheon	555	**10.0**	*0.44*	1.21	*0.07*	113	**1.5**	*0.14*	0.18	*0.02*
Republic of Korea, Jejudo	102	**9.2**	*0.93*	0.95	*0.12*	29	**1.6**	*0.32*	0.20	*0.05*
Republic of Korea, Seoul	2446	**10.3**	*0.22*	1.20	*0.03*	616	**2.0**	*0.08*	0.22	*0.01*
Republic of Korea, Ulsan	212	**10.8**	*0.81*	1.21	*0.11*	52	**1.9**	*0.28*	0.21	*0.04*

Care should be exercised when comparing incidence rates for bladder cancers: for some registries the ICD-10 code C67 may include neoplasms in situ and of uncertain or unknown behaviour together with invasive cancers.

†*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bladder (C67) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	228	**7.0**	*0.58*	0.89	*0.09*	61	**3.0**	*0.41*	0.38	*0.07*
*Kuwait: Kuwaitis	87	**7.7**	*0.85*	0.91	*0.12*	33	**2.7**	*0.47*	0.35	*0.08*
*Kuwait: Non−Kuwaitis	141	**7.9**	*1.06*	1.05	*0.16*	28	**3.6**	*0.78*	0.43	*0.12*
*Malaysia, Penang	157	**7.3**	*0.60*	0.83	*0.09*	45	**1.7**	*0.26*	0.21	*0.04*
*Malaysia, Penang: Chinese	91	**6.9**	*0.73*	0.79	*0.11*	33	**2.0**	*0.35*	0.22	*0.05*
*Malaysia, Penang: Indian	14	**6.9**	*1.97*	0.66	*0.25*	3	**1.1**	*0.65*	0.12	*0.07*
*Malaysia, Penang: Malay	51	**7.6**	*1.12*	0.83	*0.16*	9	**1.2**	*0.41*	0.19	*0.07*
*Philippines, Manila	314	**4.6**	*0.28*	0.53	*0.04*	135	**1.5**	*0.13*	0.17	*0.02*
*Philippines, Rizal	308	**4.3**	*0.26*	0.46	*0.04*	150	**1.6**	*0.14*	0.16	*0.02*
Qatar: Qatari	19	**7.6**	*1.87*	1.03	*0.29*	4	**1.9**	*0.96*	0.42	*0.21*
*Saudi Arabia, Riyadh: Saudi	266	**5.6**	*0.36*	0.64	*0.05*	59	**1.3**	*0.18*	0.13	*0.02*
† Singapore	680	**7.1**	*0.28*	0.76	*0.04*	223	**1.9**	*0.13*	0.22	*0.02*
† Singapore: Chinese	556	**7.4**	*0.32*	0.77	*0.04*	196	**2.0**	*0.15*	0.22	*0.02*
† Singapore: Indian	40	**5.4**	*0.89*	0.60	*0.13*	11	**1.9**	*0.61*	0.26	*0.10*
† Singapore: Malay	62	**5.9**	*0.80*	0.67	*0.12*	14	**1.2**	*0.34*	0.18	*0.06*
Thailand, Bangkok	617	**5.0**	*0.21*	0.51	*0.03*	255	**1.5**	*0.09*	0.16	*0.01*
Thailand, Chiang Mai	236	**4.9**	*0.33*	0.56	*0.05*	115	**2.3**	*0.23*	0.28	*0.03*
Thailand, Chonburi	147	**6.1**	*0.51*	0.68	*0.07*	27	**0.9**	*0.18*	0.09	*0.02*
*Thailand, Khon Kaen	127	**3.0**	*0.27*	0.36	*0.04*	44	**0.9**	*0.13*	0.09	*0.02*
Thailand, Lampang	138	**5.6**	*0.48*	0.72	*0.08*	57	**1.9**	*0.26*	0.23	*0.04*
*Thailand, Songkhla	123	**4.8**	*0.44*	0.55	*0.07*	20	**0.6**	*0.13*	0.04	*0.02*
*Turkey, Antalya	703	**19.7**	*0.75*	2.29	*0.11*	122	**3.2**	*0.30*	0.35	*0.04*
*Turkey, Edirne	184	**18.7**	*1.42*	2.29	*0.20*	20	**1.8**	*0.40*	0.23	*0.06*
*Turkey, Izmir	2438	**26.4**	*0.54*	3.26	*0.08*	353	**3.3**	*0.18*	0.36	*0.02*
*Turkey, Trabzon	282	**24.9**	*1.51*	3.44	*0.23*	30	**1.8**	*0.35*	0.20	*0.05*
Europe										
Austria	7271	**20.3**	*0.25*	2.30	*0.04*	2574	**5.2**	*0.12*	0.59	*0.02*
Austria, Tyrol	693	**24.4**	*0.96*	2.87	*0.14*	225	**5.9**	*0.44*	0.67	*0.06*
Austria, Vorarlberg	154	**11.2**	*0.92*	1.25	*0.13*	57	**2.8**	*0.42*	0.31	*0.06*
*Belarus	4406	**14.4**	*0.23*	1.78	*0.03*	1029	**1.9**	*0.07*	0.24	*0.01*
†*Belgium	12617	**32.0**	*0.30*	3.72	*0.04*	3259	**6.4**	*0.13*	0.75	*0.02*
Bulgaria	5237	**15.6**	*0.23*	1.96	*0.03*	1389	**3.3**	*0.10*	0.39	*0.01*
Croatia	3338	**18.1**	*0.33*	2.18	*0.05*	1123	**4.4**	*0.15*	0.51	*0.02*
Cyprus	645	**22.5**	*0.96*	2.59	*0.14*	120	**3.5**	*0.37*	0.35	*0.05*
Czech Republic	8094	**19.8**	*0.23*	2.43	*0.03*	2963	**5.4**	*0.11*	0.67	*0.02*
† Denmark	6464	**26.2**	*0.34*	3.19	*0.05*	2246	**7.7**	*0.18*	0.97	*0.03*
*Estonia	763	**15.7**	*0.59*	1.91	*0.09*	261	**2.9**	*0.20*	0.31	*0.03*
† Finland	3358	**14.2**	*0.25*	1.58	*0.04*	1015	**2.9**	*0.10*	0.31	*0.02*
*France, Bas−Rhin	591	**13.9**	*0.59*	1.57	*0.09*	142	**2.0**	*0.20*	0.19	*0.03*
*France, Calvados	495	**17.9**	*0.86*	2.06	*0.12*	129	**2.6**	*0.28*	0.24	*0.04*
*France, Doubs	342	**15.1**	*0.86*	1.76	*0.13*	78	**2.4**	*0.31*	0.28	*0.05*
†*France, Haut−Rhin	916	**30.4**	*1.05*	3.68	*0.15*	184	**4.6**	*0.39*	0.54	*0.06*
†*France, Hérault	1864	**40.0**	*1.00*	4.78	*0.15*	382	**6.6**	*0.40*	0.75	*0.05*
*France, Isère	714	**14.6**	*0.57*	1.64	*0.08*	170	**2.3**	*0.21*	0.25	*0.03*
*France, Loire−Atlantique	570	**11.5**	*0.51*	1.33	*0.07*	161	**1.9**	*0.18*	0.19	*0.03*
†*France, Manche	498	**20.2**	*0.99*	2.51	*0.15*	133	**3.7**	*0.39*	0.41	*0.05*
*France, Somme	362	**14.7**	*0.83*	1.82	*0.13*	92	**2.4**	*0.29*	0.28	*0.05*
†*France, Tarn	617	**28.7**	*1.30*	3.33	*0.18*	137	**5.2**	*0.58*	0.57	*0.07*
†*France, Vendée	558	**18.6**	*0.86*	2.24	*0.12*	121	**2.8**	*0.31*	0.32	*0.04*
† Germany, Brandenburg	2995	**23.6**	*0.44*	2.76	*0.06*	1096	**6.2**	*0.21*	0.73	*0.03*
† Germany, Bremen	923	**26.8**	*0.92*	3.16	*0.14*	357	**6.9**	*0.43*	0.78	*0.06*
† Germany, Free State of Saxony	5016	**21.5**	*0.32*	2.53	*0.05*	1860	**5.2**	*0.14*	0.59	*0.02*
† Germany, Hamburg	1398	**16.6**	*0.46*	1.81	*0.07*	570	**4.5**	*0.22*	0.49	*0.03*
† Germany, Mecklenburg−Western Pomerania	1986	**24.1**	*0.56*	2.80	*0.08*	651	**5.4**	*0.24*	0.62	*0.03*
† Germany, Munich	3867	**21.0**	*0.35*	2.35	*0.05*	1380	**5.5**	*0.17*	0.61	*0.02*
Germany, North Rhine−Westphalia	3187	**25.7**	*0.48*	2.90	*0.07*	1123	**6.6**	*0.23*	0.77	*0.03*
† Germany, Saarland	1373	**24.9**	*0.71*	2.89	*0.10*	498	**6.8**	*0.36*	0.79	*0.05*
† Germany, Schleswig−Holstein	3731	**25.6**	*0.44*	2.92	*0.06*	1380	**7.2**	*0.23*	0.80	*0.03*
Iceland	230	**20.4**	*1.42*	2.56	*0.23*	66	**5.0**	*0.68*	0.64	*0.11*
† Ireland	2009	**14.2**	*0.33*	1.64	*0.05*	833	**5.0**	*0.19*	0.60	*0.03*
† Italy, Biella	414	**38.5**	*2.07*	4.55	*0.29*	95	**5.9**	*0.74*	0.72	*0.11*
Italy, Brescia	1000	**26.1**	*0.86*	3.09	*0.12*	253	**4.5**	*0.33*	0.51	*0.05*
† Italy, Catania and Messina	1783	**38.6**	*0.98*	4.86	*0.14*	345	**6.0**	*0.38*	0.67	*0.05*
† Italy, Catanzaro	350	**30.9**	*1.79*	3.67	*0.25*	62	**4.9**	*0.73*	0.57	*0.09*
Italy, Como	637	**24.0**	*0.99*	2.93	*0.14*	152	**3.5**	*0.33*	0.39	*0.05*
† Italy, Ferrara	890	**39.8**	*1.48*	4.60	*0.21*	228	**7.7**	*0.63*	0.91	*0.08*
† Italy, Florence and Prato	1334	**33.6**	*1.02*	4.08	*0.14*	330	**6.3**	*0.42*	0.73	*0.06*
† Italy, Friuli−Venezia Giulia	2036	**29.1**	*0.69*	3.39	*0.10*	594	**6.3**	*0.31*	0.72	*0.04*
† Italy, Genoa	1677	**38.2**	*1.04*	4.59	*0.15*	440	**7.4**	*0.43*	0.89	*0.06*
† Italy, Latina	784	**32.3**	*1.22*	3.77	*0.17*	149	**5.1**	*0.47*	0.61	*0.07*
Italy, Lecco	506	**32.7**	*1.52*	3.91	*0.22*	111	**4.8**	*0.53*	0.54	*0.08*
Italy, Lombardy, South	773	**33.8**	*1.28*	4.09	*0.19*	183	**6.2**	*0.57*	0.66	*0.07*
Italy, Mantua	347	**27.5**	*1.58*	3.45	*0.24*	97	**6.0**	*0.73*	0.70	*0.10*
† Italy, Milan	1928	**34.2**	*0.84*	4.16	*0.12*	622	**7.5**	*0.37*	0.85	*0.05*
Italy, Modena	1109	**30.7**	*1.00*	3.72	*0.15*	290	**6.3**	*0.46*	0.71	*0.06*
† Italy, Naples	869	**48.5**	*1.68*	6.17	*0.25*	147	**6.8**	*0.59*	0.81	*0.08*
Italy, Nuoro	127	**9.6**	*0.91*	1.12	*0.14*	18	**0.7**	*0.18*	0.06	*0.03*
† Italy, Palermo	1737	**40.3**	*1.03*	4.95	*0.15*	308	**5.2**	*0.34*	0.63	*0.05*
† Italy, Parma	730	**30.5**	*1.25*	3.69	*0.18*	194	**5.7**	*0.51*	0.68	*0.07*
† Italy, Ragusa	457	**32.1**	*1.63*	3.87	*0.23*	70	**3.9**	*0.55*	0.40	*0.07*
Italy, Reggio Emilia	808	**30.7**	*1.19*	3.73	*0.17*	209	**6.3**	*0.56*	0.71	*0.07*
† Italy, Romagna	2379	**35.3**	*0.80*	4.18	*0.11*	552	**6.9**	*0.35*	0.83	*0.05*
Italy, Salerno	1708	**33.6**	*0.88*	4.11	*0.13*	316	**5.4**	*0.35*	0.61	*0.05*
† Italy, Sassari	665	**30.7**	*1.25*	3.72	*0.18*	164	**6.2**	*0.55*	0.69	*0.07*
† Italy, Sondrio	303	**36.5**	*2.19*	4.59	*0.32*	91	**8.4**	*1.04*	1.00	*0.14*
† Italy, South Tyrol	536	**31.1**	*1.42*	3.45	*0.20*	173	**7.9**	*0.70*	0.99	*0.10*

Care should be exercised when comparing incidence rates for bladder cancers: for some registries the ICD-10 code C67 may include neoplasms in situ and of uncertain or unknown behaviour together with invasive cancers.

†*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bladder (C67) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	683	**37.7**	*1.54*	4.76	*0.22*	104	**4.7**	*0.52*	0.56	*0.07*
† Italy, Trapani	625	**36.9**	*1.60*	4.65	*0.23*	101	**4.3**	*0.51*	0.53	*0.07*
† Italy, Trento	494	**26.3**	*1.25*	3.18	*0.18*	164	**6.7**	*0.62*	0.78	*0.08*
† Italy, Turin	2039	**39.4**	*0.95*	4.68	*0.13*	494	**6.9**	*0.37*	0.82	*0.05*
Italy, Umbria	1643	**31.4**	*0.86*	3.77	*0.13*	406	**6.0**	*0.36*	0.75	*0.05*
Italy, Varese	1093	**26.5**	*0.84*	3.21	*0.12*	252	**4.4**	*0.33*	0.50	*0.04*
Italy, Veneto	2690	**29.1**	*0.59*	3.44	*0.09*	711	**5.7**	*0.25*	0.70	*0.04*
Latvia	1040	**16.3**	*0.52*	1.96	*0.07*	381	**3.1**	*0.18*	0.32	*0.02*
Lithuania	1930	**16.3**	*0.38*	1.92	*0.05*	656	**3.3**	*0.14*	0.37	*0.02*
† Malta	390	**23.9**	*1.26*	2.89	*0.19*	123	**5.8**	*0.57*	0.66	*0.08*
*The Netherlands	9745	**13.9**	*0.15*	1.61	*0.02*	3108	**3.6**	*0.07*	0.41	*0.01*
*The Netherlands, Eindhoven	1243	**28.7**	*0.83*	3.49	*0.12*	339	**6.7**	*0.39*	0.79	*0.06*
† Norway	4467	**21.4**	*0.34*	2.48	*0.05*	1550	**6.0**	*0.18*	0.73	*0.03*
Poland, Cracow	444	**20.0**	*0.98*	2.45	*0.14*	125	**3.8**	*0.37*	0.48	*0.05*
Poland, Kielce	914	**18.7**	*0.65*	2.33	*0.10*	210	**3.2**	*0.25*	0.39	*0.03*
Poland, Lower Silesia	2080	**21.1**	*0.48*	2.60	*0.07*	668	**4.6**	*0.19*	0.54	*0.03*
Poland, Podkarpackie	1405	**20.2**	*0.56*	2.41	*0.08*	314	**3.2**	*0.20*	0.37	*0.03*
Portugal, Azores	174	**21.7**	*1.71*	2.50	*0.24*	38	**3.3**	*0.61*	0.32	*0.08*
Russian Federation, Saint Petersburg	1745	**11.7**	*0.29*	1.40	*0.04*	728	**2.4**	*0.10*	0.28	*0.01*
*Serbia, Central	3997	**16.2**	*0.27*	2.02	*0.04*	1342	**4.7**	*0.14*	0.56	*0.02*
Slovakia	2810	**16.3**	*0.32*	1.95	*0.05*	912	**3.7**	*0.13*	0.44	*0.02*
Slovenia	1457	**18.1**	*0.48*	2.22	*0.07*	484	**4.3**	*0.21*	0.52	*0.03*
† Spain, Albacete	517	**28.9**	*1.41*	3.56	*0.20*	87	**3.8**	*0.49*	0.43	*0.07*
† Spain, Asturias	1704	**28.8**	*0.79*	3.26	*0.11*	378	**4.9**	*0.31*	0.58	*0.04*
† Spain, Basque Country	3437	**34.1**	*0.62*	4.05	*0.09*	667	**4.9**	*0.22*	0.49	*0.03*
† Spain, Canary Islands	1308	**27.1**	*0.77*	3.11	*0.11*	239	**4.0**	*0.28*	0.44	*0.04*
Spain, Ciudad Real	633	**32.1**	*1.45*	3.86	*0.21*	93	**3.5**	*0.45*	0.42	*0.06*
Spain, Cuenca	292	**24.4**	*1.70*	2.80	*0.22*	39	**2.6**	*0.62*	0.25	*0.07*
† Spain, Girona	1088	**37.5**	*1.23*	4.42	*0.18*	197	**5.0**	*0.44*	0.51	*0.06*
*Spain, Granada	1151	**32.2**	*1.02*	3.92	*0.15*	177	**4.0**	*0.34*	0.50	*0.05*
† Spain, La Rioja	482	**31.6**	*1.58*	3.80	*0.23*	90	**4.9**	*0.66*	0.52	*0.08*
† Spain, Mallorca	1349	**44.5**	*1.27*	5.52	*0.19*	218	**5.3**	*0.42*	0.56	*0.06*
† Spain, Murcia	1921	**37.9**	*0.92*	4.48	*0.13*	309	**4.8**	*0.31*	0.50	*0.04*
† Spain, Navarra	1072	**39.8**	*1.31*	4.94	*0.19*	214	**6.8**	*0.54*	0.80	*0.07*
Spain, Tarragona	1166	**36.9**	*1.16*	4.56	*0.17*	191	**5.0**	*0.41*	0.61	*0.06*
†*Sweden	8256	**17.5**	*0.21*	2.05	*0.03*	2702	**4.9**	*0.11*	0.58	*0.02*
Switzerland, Basel	285	**12.1**	*0.76*	1.42	*0.12*	96	**2.9**	*0.35*	0.32	*0.05*
Switzerland, Geneva	512	**28.1**	*1.29*	3.39	*0.20*	154	**6.5**	*0.58*	0.82	*0.09*
Switzerland, Graubünden and Glarus	257	**24.6**	*1.62*	2.73	*0.23*	69	**5.7**	*0.79*	0.70	*0.11*
Switzerland, Neuchâtel	134	**15.5**	*1.46*	1.68	*0.22*	42	**4.1**	*0.73*	0.47	*0.10*
Switzerland, St Gall–Appenzell	562	**24.4**	*1.08*	2.95	*0.17*	168	**6.1**	*0.53*	0.72	*0.07*
Switzerland, Ticino	257	**15.1**	*0.99*	1.74	*0.15*	84	**3.5**	*0.45*	0.40	*0.07*
Switzerland, Valais	327	**25.4**	*1.46*	3.20	*0.22*	101	**6.3**	*0.71*	0.68	*0.09*
Switzerland, Vaud	445	**15.2**	*0.76*	1.75	*0.12*	119	**3.0**	*0.32*	0.35	*0.05*
Switzerland, Zurich	1329	**23.0**	*0.66*	2.66	*0.10*	451	**6.1**	*0.32*	0.75	*0.05*
Ukraine	21497	**13.4**	*0.09*	1.69	*0.01*	4426	**1.7**	*0.03*	0.20	*0.00*
† UK, England	46707	**19.6**	*0.10*	2.25	*0.01*	17159	**5.5**	*0.05*	0.63	*0.01*
† UK, England, East of England Region	6116	**22.0**	*0.30*	2.52	*0.04*	2005	**5.7**	*0.15*	0.64	*0.02*
UK, England, North Western	6142	**20.1**	*0.27*	2.33	*0.04*	2531	**6.3**	*0.14*	0.75	*0.02*
† UK, England, Northern and Yorkshire	7635	**23.9**	*0.29*	2.76	*0.04*	3036	**7.3**	*0.15*	0.85	*0.02*
† UK, England, Oxford Region	1704	**13.8**	*0.35*	1.56	*0.05*	588	**3.6**	*0.17*	0.40	*0.03*
† UK, England, South and Western Regions	8336	**22.6**	*0.27*	2.58	*0.04*	2888	**6.2**	*0.14*	0.71	*0.02*
UK, England, Thames	9635	**19.8**	*0.22*	2.28	*0.03*	3570	**5.4**	*0.11*	0.61	*0.02*
† UK, England, Trent	2270	**15.2**	*0.34*	1.75	*0.05*	832	**4.2**	*0.17*	0.46	*0.02*
UK, England, West Midlands	3435	**13.2**	*0.24*	1.51	*0.04*	1151	**3.3**	*0.11*	0.36	*0.02*
† UK, Northern Ireland	1250	**18.3**	*0.54*	2.07	*0.08*	466	**5.5**	*0.28*	0.66	*0.04*
† UK, Scotland	5271	**22.5**	*0.33*	2.62	*0.05*	2354	**7.6**	*0.18*	0.89	*0.03*
† UK, Wales	3103	**20.5**	*0.39*	2.32	*0.06*	1215	**6.3**	*0.21*	0.74	*0.03*
Oceania										
Australian Capital Territory	86	**7.8**	*0.87*	0.81	*0.13*	23	**1.4**	*0.32*	0.08	*0.03*
Australia, New South Wales	2668	**9.1**	*0.19*	0.98	*0.03*	1024	**2.6**	*0.09*	0.27	*0.01*
Australia, Northern Territory	67	**16.0**	*2.09*	1.66	*0.29*	16	**4.2**	*1.11*	0.55	*0.20*
Australia, Northern Territory: Indigenous	7	**11.3**	*4.43*	0.85	*0.40*	1	**1.2**	*1.23*	0.31	*0.31*
Australia, Northern Territory: Non–Indigenous	59	**16.4**	*2.28*	1.80	*0.33*	15	**5.0**	*1.39*	0.62	*0.24*
Australia, Queensland	2254	**14.1**	*0.31*	1.60	*0.05*	701	**3.8**	*0.16*	0.43	*0.02*
South Australia	1607	**21.8**	*0.59*	2.44	*0.09*	520	**5.7**	*0.29*	0.62	*0.04*
† Australia, Tasmania	491	**22.7**	*1.08*	2.70	*0.17*	152	**5.6**	*0.51*	0.64	*0.08*
† Australia, Victoria	4343	**20.8**	*0.33*	2.37	*0.05*	1318	**5.3**	*0.17*	0.62	*0.02*
Western Australia	718	**9.0**	*0.35*	0.97	*0.05*	232	**2.3**	*0.17*	0.24	*0.03*
New Zealand	1617	**9.9**	*0.26*	1.12	*0.04*	545	**2.7**	*0.13*	0.31	*0.02*
New Zealand: Maori	66	**7.5**	*0.97*	0.84	*0.14*	31	**2.8**	*0.52*	0.33	*0.08*
New Zealand: Pacific Islander	22	**5.8**	*1.25*	0.52	*0.17*	12	**2.4**	*0.72*	0.14	*0.06*
New Zealand: Other	1529	**10.2**	*0.28*	1.16	*0.04*	502	**2.7**	*0.14*	0.31	*0.02*
USA, Hawaii	803	**14.9**	*0.57*	1.83	*0.09*	250	**3.9**	*0.28*	0.45	*0.04*
*USA, Hawaii: Chinese	46	**12.8**	*2.18*	1.58	*0.36*	9	**1.5**	*0.54*	0.20	*0.12*
*USA, Hawaii: Filipino	63	**9.4**	*1.30*	1.24	*0.22*	26	**3.2**	*0.67*	0.43	*0.11*
*USA, Hawaii: Hawaiian	70	**11.2**	*1.42*	1.57	*0.25*	39	**4.7**	*0.79*	0.60	*0.12*
*USA, Hawaii: Japanese	235	**15.1**	*1.10*	1.71	*0.17*	57	**2.1**	*0.36*	0.19	*0.05*
*USA, Hawaii: White	344	**24.3**	*1.40*	2.95	*0.23*	99	**6.7**	*0.77*	0.81	*0.12*

Care should be exercised when comparing incidence rates for bladder cancers: for some registries the ICD-10 code C67 may include neoplasms in situ and of uncertain or unknown behaviour together with invasive cancers.

†*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other urinary organs (C68)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	0	-	-	–	-	0	-	-	–	-
Egypt, Gharbiah	6	**0.1**	*0.03*	0.01	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
*Libya, Benghazi	1	**0.1**	*0.12*	0.03	*0.03*	0	-	-	–	-
*Malawi, Blantyre	0	-	-	–	-	1	**0.1**	*0.08*	–	-
*South Africa, PROMEC	0	-	-	–	-	1	**0.1**	*0.05*	0.01	*0.01*
*Tunisia, North	4	**0.1**	*0.03*	0.01	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
*Uganda, Kyadondo County	2	**0.3**	*0.20*	0.04	*0.02*	2	**0.1**	*0.09*	0.01	*0.01*
*Zimbabwe, Harare: African	0	-	-	–	-	0	-	-	–	-
America, Central and South										
Argentina, Bahía Blanca	0	-	-	–	-	0	-	-	–	-
Argentina, Córdoba	6	**0.2**	*0.09*	0.02	*0.01*	2	**0.1**	*0.06*	0.01	*0.00*
Argentina, Mendoza	11	**0.2**	*0.07*	0.02	*0.01*	3	**0.1**	*0.04*	0.01	*0.00*
*Argentina, Tierra del Fuego	1	**0.7**	*0.66*	0.08	*0.08*	0	-	-	–	-
Brazil, Aracaju	0	-	-	–	-	1	**0.2**	*0.16*	0.03	*0.03*
Brazil, Belo Horizonte	6	**0.3**	*0.11*	0.04	*0.02*	8	**0.2**	*0.07*	0.02	*0.01*
Brazil, Cuiabá	2	**0.2**	*0.17*	0.03	*0.02*	0	-	-	–	-
Brazil, Fortaleza	0	-	-	–	-	1	**0.0**	*0.03*	0.01	*0.01*
Brazil, Goiânia	2	**0.1**	*0.06*	0.01	*0.01*	1	**0.0**	*0.04*	–	-
*Brazil, São Paulo	52	**0.2**	*0.03*	0.02	*0.00*	39	**0.1**	*0.02*	0.01	*0.00*
Chile, Region of Antofagasta	21	**1.6**	*0.37*	0.21	*0.06*	4	**0.3**	*0.15*	0.02	*0.01*
Chile, Bío Bío Province	0	-	-	–	-	0	-	-	–	-
Chile, Valdivia	0	-	-	–	-	0	-	-	–	-
Colombia, Bucaramanga	0	-	-	–	-	1	**0.0**	*0.02*	–	-
Colombia, Cali	1	**0.0**	*0.02*	0.00	*0.00*	3	**0.1**	*0.04*	0.01	*0.00*
Colombia, Manizales	2	**0.2**	*0.17*	0.02	*0.02*	1	**0.1**	*0.06*	–	-
Colombia, Pasto	1	**0.1**	*0.10*	–	-	1	**0.1**	*0.08*	–	-
Costa Rica	5	**0.0**	*0.02*	0.00	*0.00*	6	**0.0**	*0.02*	0.00	*0.00*
Cuba, Villa Clara	0	-	-	–	-	0	-	-	–	-
Ecuador, Cuenca	0	-	-	–	-	0	-	-	–	-
Ecuador, Quito	0	-	-	–	-	3	**0.1**	*0.03*	0.00	*0.00*
*France, Martinique	5	**0.3**	*0.16*	0.04	*0.02*	2	**0.1**	*0.09*	0.01	*0.01*
*Jamaica, Kingston and St Andrew	1	**0.1**	*0.05*	–	-	0	-	-	–	-
USA, Puerto Rico	23	**0.2**	*0.04*	0.02	*0.00*	14	**0.1**	*0.03*	0.01	*0.00*
Uruguay	13	**0.2**	*0.05*	0.02	*0.01*	9	**0.1**	*0.04*	0.01	*0.00*
America, North										
Canada	927	**0.7**	*0.02*	0.09	*0.00*	334	**0.2**	*0.01*	0.02	*0.00*
Canada, Alberta	27	**0.2**	*0.05*	0.03	*0.01*	10	**0.1**	*0.02*	0.01	*0.00*
Canada, British Columbia	15	**0.1**	*0.02*	0.01	*0.00*	9	**0.0**	*0.02*	0.01	*0.00*
Canada, Manitoba	17	**0.3**	*0.09*	0.04	*0.01*	4	**0.1**	*0.03*	0.00	*0.00*
Canada, New Brunswick	3	**0.1**	*0.06*	0.01	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
Canada, Newfoundland and Labrador	3	**0.1**	*0.08*	0.01	*0.01*	1	**0.1**	*0.05*	0.00	*0.00*
*Canada, Northwest Territories	0	-	-	–	-	1	**1.2**	*1.19*	–	-
Canada, Nova Scotia	7	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.03*	0.00	*0.00*
Canada, Ontario	766	**1.6**	*0.06*	0.19	*0.01*	255	**0.4**	*0.03*	0.05	*0.00*
Canada, Prince Edward Island	2	**0.3**	*0.23*	0.04	*0.04*	0	-	-	–	-
*Canada, Quebec	79	**0.3**	*0.03*	0.03	*0.00*	44	**0.1**	*0.02*	0.01	*0.00*
Canada, Saskatchewan	8	**0.2**	*0.07*	0.03	*0.01*	3	**0.0**	*0.01*	–	-
*Canada, Yukon	0	-	-	–	-	0	-	-	–	-
USA, NPCR (42 states)	2176	**0.2**	*0.00*	0.02	*0.00*	1105	**0.1**	*0.00*	0.01	*0.00*
USA, NPCR (42 states): American Indian	6	**0.1**	*0.04*	0.02	*0.01*	8	**0.1**	*0.04*	0.01	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	36	**0.1**	*0.02*	0.01	*0.00*	27	**0.1**	*0.01*	0.01	*0.00*
USA, NPCR (42 states): Black	246	**0.3**	*0.02*	0.04	*0.00*	239	**0.2**	*0.01*	0.03	*0.00*
USA, NPCR (42 states): White	1826	**0.2**	*0.00*	0.02	*0.00*	810	**0.1**	*0.00*	0.01	*0.00*
USA, SEER (9 registries)	260	**0.2**	*0.02*	0.03	*0.00*	129	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (9 registries): Black	23	**0.3**	*0.07*	0.04	*0.01*	19	**0.2**	*0.05*	0.03	*0.01*
*USA, SEER (9 registries): White	218	**0.2**	*0.02*	0.03	*0.00*	101	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (18 registries)	654	**0.2**	*0.01*	0.02	*0.00*	346	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	33	**0.1**	*0.03*	0.01	*0.00*	22	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Black	61	**0.3**	*0.04*	0.03	*0.01*	70	**0.2**	*0.03*	0.03	*0.00*
*USA, SEER (18 registries): Hispanic White	54	**0.2**	*0.03*	0.02	*0.00*	27	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	481	**0.2**	*0.01*	0.02	*0.00*	220	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): White	535	**0.2**	*0.01*	0.02	*0.00*	247	**0.1**	*0.01*	0.01	*0.00*
USA, Alabama	35	**0.2**	*0.03*	0.02	*0.00*	12	**0.1**	*0.02*	0.01	*0.00*
USA, Alabama: Black	5	**0.2**	*0.08*	0.02	*0.01*	5	**0.1**	*0.05*	0.02	*0.01*
USA, Alabama: White	29	**0.2**	*0.04*	0.02	*0.01*	7	**0.0**	*0.02*	0.00	*0.00*
USA, Alaska	2	**0.1**	*0.09*	0.02	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
*USA, Alaska: American Indian	1	**0.5**	*0.47*	0.12	*0.12*	1	**0.2**	*0.22*	–	-
USA, Arizona	45	**0.2**	*0.03*	0.02	*0.00*	15	**0.1**	*0.02*	0.01	*0.00*
USA, Arizona: American Indian	0	-	-	–	-	0	-	-	–	-
USA, Arizona: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Arizona: Black	1	**0.2**	*0.17*	0.02	*0.02*	1	**0.1**	*0.14*	0.01	*0.01*
USA, Arizona: White	44	**0.2**	*0.03*	0.02	*0.00*	13	**0.1**	*0.02*	0.01	*0.00*
USA, Arkansas	21	**0.2**	*0.04*	0.03	*0.01*	8	**0.0**	*0.01*	0.00	*0.00*
USA, Arkansas: Black	2	**0.2**	*0.15*	0.02	*0.02*	2	**0.1**	*0.05*	–	-
USA, Arkansas: White	19	**0.2**	*0.05*	0.03	*0.01*	6	**0.0**	*0.02*	0.00	*0.00*
USA, California	252	**0.2**	*0.01*	0.02	*0.00*	120	**0.1**	*0.01*	0.01	*0.00*
USA, California: American Indian	1	**0.1**	*0.11*	0.01	*0.01*	0	-	-	–	-
USA, California: Asian and Pacific Islander	24	**0.1**	*0.03*	0.01	*0.00*	13	**0.1**	*0.02*	0.01	*0.00*
USA, California: Black	21	**0.4**	*0.08*	0.04	*0.01*	20	**0.3**	*0.06*	0.03	*0.01*
USA, California: White	190	**0.2**	*0.01*	0.02	*0.00*	82	**0.1**	*0.01*	0.01	*0.00*
USA, California, Los Angeles County	75	**0.2**	*0.03*	0.02	*0.00*	44	**0.1**	*0.02*	0.01	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	6	**0.1**	*0.05*	0.01	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
*USA, California, Los Angeles County: Black	12	**0.4**	*0.13*	0.05	*0.02*	8	**0.2**	*0.08*	0.02	*0.01*
*USA, California, Los Angeles County: Chinese	0	-	-	–	-	2	**0.1**	*0.07*	0.02	*0.02*
*USA, California, Los Angeles County: Filipino	1	**0.2**	*0.17*	0.03	*0.03*	0	-	-	–	-
*USA, California, Los Angeles County: Hispanic White	13	**0.2**	*0.05*	0.01	*0.00*	7	**0.1**	*0.03*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other urinary organs (C68) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	3	**0.3**	*0.19*	0.03	*0.03*	0	**-**	-	–	-
*USA, California, Los Angeles County: Korean	1	**0.1**	*0.11*	–	-	2	**0.1**	*0.10*	–	-
*USA, California, Los Angeles County: Non–Hispanic White	37	**0.2**	*0.04*	0.03	*0.01*	24	**0.1**	*0.03*	0.01	*0.00*
*USA, California, Los Angeles County: White	50	**0.2**	*0.03*	0.02	*0.00*	31	**0.1**	*0.02*	0.01	*0.00*
USA, California, San Francisco Bay Area	23	**0.1**	*0.03*	0.02	*0.00*	13	**0.1**	*0.02*	0.01	*0.00*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	6	**0.1**	*0.06*	0.01	*0.00*	2	**0.0**	*0.03*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Black	3	**0.3**	*0.17*	0.04	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Hispanic White	2	**0.1**	*0.11*	0.01	*0.01*	2	**0.1**	*0.07*	0.00	*0.00*
*USA, California, San Francisco Bay Area: Non–Hispanic White	12	**0.1**	*0.04*	0.02	*0.01*	8	**0.1**	*0.03*	0.01	*0.00*
*USA, California, San Francisco Bay Area: White	14	**0.1**	*0.04*	0.02	*0.01*	10	**0.1**	*0.03*	0.01	*0.00*
USA, Colorado	23	**0.1**	*0.03*	0.01	*0.00*	9	**0.0**	*0.02*	0.01	*0.00*
USA, Colorado: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Colorado: Black	1	**0.2**	*0.19*	0.02	*0.02*	1	**0.2**	*0.20*	0.02	*0.02*
USA, Colorado: White	21	**0.1**	*0.03*	0.01	*0.00*	7	**0.0**	*0.01*	0.01	*0.00*
USA, Connecticut	44	**0.3**	*0.05*	0.03	*0.01*	24	**0.2**	*0.04*	0.02	*0.00*
*USA, Connecticut: Black	1	**0.1**	*0.10*	–	-	2	**0.2**	*0.16*	0.03	*0.02*
*USA, Connecticut: White	42	**0.3**	*0.05*	0.03	*0.01*	20	**0.1**	*0.04*	0.01	*0.00*
USA, Delaware	4	**0.1**	*0.06*	0.01	*0.01*	5	**0.2**	*0.07*	0.02	*0.01*
USA, Delaware: Black	1	**0.3**	*0.30*	0.04	*0.04*	0	**-**	-	–	-
USA, Delaware: White	3	**0.1**	*0.06*	0.00	*0.00*	5	**0.2**	*0.09*	0.03	*0.01*
USA, Florida	149	**0.2**	*0.01*	0.02	*0.00*	71	**0.1**	*0.01*	0.01	*0.00*
USA, Florida: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Florida: Black	15	**0.2**	*0.06*	0.03	*0.01*	11	**0.1**	*0.04*	0.01	*0.00*
USA, Florida: White	132	**0.2**	*0.01*	0.02	*0.00*	59	**0.1**	*0.01*	0.01	*0.00*
USA, Georgia	42	**0.2**	*0.03*	0.02	*0.00*	31	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Georgia: Black	11	**0.2**	*0.07*	0.03	*0.01*	17	**0.2**	*0.05*	0.02	*0.01*
USA, Georgia: White	31	**0.1**	*0.03*	0.02	*0.00*	14	**0.0**	*0.01*	0.01	*0.00*
USA, Georgia, Atlanta	12	**0.2**	*0.05*	0.02	*0.01*	9	**0.1**	*0.02*	0.00	*0.00*
*USA, Georgia, Atlanta: Black	4	**0.2**	*0.12*	0.04	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
*USA, Georgia, Atlanta: White	8	**0.1**	*0.05*	0.01	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
USA, Idaho	13	**0.2**	*0.07*	0.03	*0.01*	5	**0.1**	*0.04*	0.01	*0.01*
USA, Illinois	96	**0.2**	*0.02*	0.02	*0.00*	59	**0.1**	*0.02*	0.02	*0.00*
USA, Illinois: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.1**	*0.05*	0.01	*0.01*
USA, Illinois: Black	17	**0.4**	*0.10*	0.05	*0.01*	23	**0.4**	*0.08*	0.05	*0.01*
USA, Illinois: White	76	**0.2**	*0.02*	0.02	*0.00*	35	**0.1**	*0.01*	0.01	*0.00*
USA, Indiana	44	**0.2**	*0.03*	0.03	*0.01*	36	**0.1**	*0.02*	0.02	*0.00*
USA, Indiana: Black	3	**0.3**	*0.16*	0.05	*0.03*	6	**0.3**	*0.14*	0.03	*0.01*
USA, Indiana: White	40	**0.2**	*0.03*	0.03	*0.01*	29	**0.1**	*0.02*	0.02	*0.00*
USA, Iowa	42	**0.3**	*0.05*	0.04	*0.01*	21	**0.1**	*0.04*	0.02	*0.00*
USA, Kentucky	30	**0.2**	*0.03*	0.02	*0.00*	22	**0.1**	*0.02*	0.01	*0.00*
USA, Louisiana	20	**0.2**	*0.04*	0.02	*0.01*	25	**0.2**	*0.04*	0.02	*0.01*
*USA, Louisiana: Black	2	**0.1**	*0.07*	0.02	*0.01*	7	**0.2**	*0.08*	0.03	*0.01*
*USA, Louisiana: White	18	**0.2**	*0.05*	0.02	*0.01*	17	**0.2**	*0.04*	0.02	*0.01*
*USA, Louisiana, New Orleans	3	**0.1**	*0.08*	0.01	*0.01*	5	**0.2**	*0.07*	0.02	*0.01*
*USA, Louisiana, New Orleans: Black	0	**-**	-	–	-	2	**0.2**	*0.14*	0.02	*0.01*
*USA, Louisiana, New Orleans: White	3	**0.2**	*0.13*	0.02	*0.02*	2	**0.1**	*0.04*	–	-
USA, Maine	12	**0.2**	*0.06*	0.02	*0.01*	5	**0.1**	*0.03*	0.00	*0.00*
USA, Massachusetts	98	**0.4**	*0.04*	0.04	*0.01*	30	**0.1**	*0.02*	0.01	*0.00*
USA, Massachusetts: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Massachusetts: Black	5	**0.5**	*0.25*	0.05	*0.04*	2	**0.2**	*0.14*	0.03	*0.02*
USA, Massachusetts: White	93	**0.4**	*0.04*	0.04	*0.01*	28	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan	143	**0.4**	*0.03*	0.04	*0.00*	59	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.1**	*0.15*	0.02	*0.02*
USA, Michigan: Black	19	**0.5**	*0.12*	0.05	*0.02*	13	**0.3**	*0.08*	0.03	*0.01*
USA, Michigan: White	117	**0.3**	*0.03*	0.04	*0.00*	45	**0.1**	*0.01*	0.01	*0.00*
USA, Michigan, Detroit	56	**0.4**	*0.05*	0.04	*0.01*	32	**0.2**	*0.03*	0.02	*0.00*
*USA, Michigan, Detroit: Black	13	**0.5**	*0.14*	0.06	*0.02*	11	**0.3**	*0.10*	0.04	*0.01*
*USA, Michigan, Detroit: White	41	**0.3**	*0.05*	0.03	*0.01*	21	**0.1**	*0.03*	0.01	*0.00*
USA, Mississippi	19	**0.2**	*0.04*	0.02	*0.01*	17	**0.1**	*0.04*	0.01	*0.00*
USA, Missouri	44	**0.2**	*0.03*	0.02	*0.00*	21	**0.1**	*0.02*	0.01	*0.00*
USA, Missouri: Black	7	**0.5**	*0.18*	0.06	*0.03*	3	**0.2**	*0.09*	0.02	*0.01*
USA, Missouri: White	37	**0.2**	*0.03*	0.01	*0.00*	18	**0.1**	*0.02*	0.01	*0.00*
USA, Montana	1	**0.0**	*0.03*	0.00	*0.00*	4	**0.1**	*0.06*	0.01	*0.01*
USA, Montana: American Indian	0	**-**	-	–	-	1	**0.6**	*0.59*	–	-
USA, Nebraska	6	**0.1**	*0.04*	0.01	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
USA, Nebraska: Black	1	**0.8**	*0.83*	0.14	*0.14*	1	**0.7**	*0.74*	0.09	*0.09*
USA, Nebraska: White	5	**0.1**	*0.03*	0.01	*0.00*	5	**0.1**	*0.03*	0.01	*0.01*
USA, New Hampshire	9	**0.2**	*0.06*	0.03	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
USA, New Jersey	86	**0.3**	*0.03*	0.03	*0.00*	40	**0.1**	*0.02*	0.01	*0.00*
*USA, New Jersey: Black	10	**0.3**	*0.10*	0.04	*0.01*	10	**0.2**	*0.07*	0.02	*0.01*
*USA, New Jersey: White	72	**0.2**	*0.03*	0.02	*0.00*	27	**0.1**	*0.01*	0.01	*0.00*
USA, New Mexico	11	**0.2**	*0.05*	0.03	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
*USA, New Mexico: Hispanic White	2	**0.1**	*0.07*	0.02	*0.02*	3	**0.1**	*0.07*	0.01	*0.01*
*USA, New Mexico: Non–Hispanic White	8	**0.2**	*0.07*	0.03	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
*USA, New Mexico: White	10	**0.2**	*0.05*	0.03	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
USA, New York State	239	**0.3**	*0.02*	0.03	*0.00*	116	**0.1**	*0.01*	0.01	*0.00*
USA, New York State: Asian and Pacific Islander	5	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.04*	0.00	*0.00*
USA, New York State: Black	32	**0.4**	*0.07*	0.05	*0.01*	18	**0.1**	*0.03*	0.02	*0.01*
USA, New York State: White	193	**0.3**	*0.02*	0.03	*0.00*	87	**0.1**	*0.01*	0.01	*0.00*
USA, North Carolina	43	**0.1**	*0.02*	0.02	*0.00*	43	**0.1**	*0.02*	0.01	*0.00*
USA, North Carolina: American Indian	0	**-**	-	–	-	1	**0.2**	*0.23*	–	-
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Black	5	**0.1**	*0.05*	0.02	*0.01*	17	**0.2**	*0.06*	0.02	*0.01*
USA, North Carolina: White	37	**0.1**	*0.02*	0.02	*0.00*	25	**0.1**	*0.02*	0.01	*0.00*
USA, North Dakota	4	**0.2**	*0.09*	0.02	*0.01*	0	**-**	-	–	-
USA, Ohio	68	**0.1**	*0.02*	0.01	*0.00*	41	**0.1**	*0.01*	0.01	*0.00*
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.17*	0.02	*0.02*
USA, Ohio: Black	8	**0.2**	*0.08*	0.03	*0.01*	12	**0.3**	*0.09*	0.04	*0.01*
USA, Ohio: White	60	**0.1**	*0.02*	0.01	*0.00*	28	**0.0**	*0.01*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other urinary organs (C68) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	19	**0.1**	*0.03*	0.01	*0.00*	18	**0.1**	*0.03*	0.01	*0.00*
USA, Oklahoma: American Indian	2	**0.2**	*0.18*	0.04	*0.04*	4	**0.4**	*0.21*	0.05	*0.03*
USA, Oklahoma: Black	0	**-**	-	–	-	4	**0.4**	*0.20*	0.02	*0.01*
USA, Oklahoma: White	17	**0.1**	*0.03*	0.01	*0.00*	10	**0.1**	*0.03*	0.01	*0.00*
USA, Oregon	36	**0.2**	*0.04*	0.02	*0.01*	17	**0.1**	*0.03*	0.01	*0.00*
USA, Oregon: Asian and Pacific Islander	1	**0.3**	*0.29*	–	-	1	**0.2**	*0.22*	0.03	*0.03*
USA, Oregon: Black	0	**-**	-	–	-	1	**0.7**	*0.66*	0.17	*0.17*
USA, Oregon: White	35	**0.2**	*0.04*	0.02	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
USA, Pennsylvania	143	**0.3**	*0.02*	0.03	*0.00*	61	**0.1**	*0.01*	0.01	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Pennsylvania: Black	14	**0.4**	*0.10*	0.03	*0.01*	12	**0.2**	*0.07*	0.03	*0.01*
USA, Pennsylvania: White	129	**0.3**	*0.02*	0.03	*0.00*	49	**0.1**	*0.01*	0.01	*0.00*
USA, Rhode Island	11	**0.3**	*0.08*	0.03	*0.01*	5	**0.1**	*0.05*	0.01	*0.00*
USA, Rhode Island: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Rhode Island: White	11	**0.3**	*0.09*	0.04	*0.02*	5	**0.1**	*0.05*	0.01	*0.00*
USA, South Carolina	26	**0.2**	*0.03*	0.02	*0.01*	19	**0.1**	*0.02*	0.01	*0.00*
USA, South Carolina: Black	5	**0.2**	*0.07*	0.02	*0.01*	5	**0.1**	*0.06*	0.02	*0.01*
USA, South Carolina: White	21	**0.2**	*0.04*	0.02	*0.01*	14	**0.1**	*0.02*	0.01	*0.00*
USA, South Dakota	5	**0.1**	*0.06*	0.01	*0.01*	2	**0.0**	*0.04*	0.00	*0.00*
USA, Tennessee	44	**0.2**	*0.03*	0.02	*0.00*	25	**0.1**	*0.02*	0.01	*0.00*
USA, Tennessee: Black	7	**0.3**	*0.12*	0.03	*0.02*	11	**0.4**	*0.13*	0.07	*0.02*
USA, Tennessee: White	36	**0.2**	*0.03*	0.02	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
USA, Texas	106	**0.2**	*0.02*	0.02	*0.00*	71	**0.1**	*0.01*	0.01	*0.00*
USA, Texas: Asian and Pacific Islander	1	**0.1**	*0.07*	0.01	*0.01*	3	**0.2**	*0.09*	0.03	*0.02*
USA, Texas: Black	15	**0.2**	*0.06*	0.02	*0.01*	19	**0.2**	*0.06*	0.03	*0.01*
USA, Texas: White	87	**0.1**	*0.02*	0.02	*0.00*	48	**0.1**	*0.01*	0.01	*0.00*
USA, Utah	12	**0.1**	*0.05*	0.01	*0.01*	5	**0.1**	*0.03*	0.01	*0.01*
USA, Vermont	3	**0.1**	*0.06*	0.01	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
USA, Virginia	41	**0.2**	*0.02*	0.02	*0.00*	33	**0.1**	*0.02*	0.01	*0.00*
USA, Virginia: Asian and Pacific Islander	2	**0.3**	*0.21*	–	-	0	**-**	-	–	-
USA, Virginia: Black	8	**0.2**	*0.07*	0.03	*0.01*	6	**0.1**	*0.04*	0.01	*0.00*
USA, Virginia: White	31	**0.1**	*0.03*	0.01	*0.00*	27	**0.1**	*0.02*	0.01	*0.00*
USA, Washington State	61	**0.2**	*0.03*	0.02	*0.00*	22	**0.1**	*0.02*	0.01	*0.00*
USA, Washington, Seattle	52	**0.3**	*0.04*	0.03	*0.01*	16	**0.1**	*0.02*	0.01	*0.00*
USA, West Virginia	13	**0.2**	*0.04*	0.02	*0.01*	8	**0.1**	*0.03*	0.00	*0.00*
USA, Wisconsin	33	**0.2**	*0.03*	0.02	*0.00*	17	**0.1**	*0.02*	0.01	*0.00*
USA, Wisconsin: Black	3	**0.5**	*0.29*	0.05	*0.03*	4	**0.5**	*0.24*	0.08	*0.04*
USA, Wisconsin: White	30	**0.1**	*0.03*	0.02	*0.00*	12	**0.0**	*0.02*	0.01	*0.00*
USA, Wyoming	4	**0.2**	*0.09*	0.02	*0.01*	2	**0.0**	*0.03*	–	-
Asia										
Bahrain: Bahraini	0	**-**	-	–	-	0	**-**	-	–	-
China, Beijing City	34	**0.1**	*0.02*	0.01	*0.00*	25	**0.1**	*0.02*	0.01	*0.00*
*China, Cixian County	1	**0.1**	*0.09*	0.02	*0.02*	0	**-**	-	–	-
China, Haining County	0	**-**	-	–	-	2	**0.1**	*0.06*	0.01	*0.00*
*China, Harbin City, Nangang District	1	**0.0**	*0.03*	–	-	1	**0.0**	*0.04*	0.01	*0.01*
China, Hong Kong	15	**0.1**	*0.02*	0.01	*0.00*	23	**0.1**	*0.02*	0.01	*0.00*
China, Jiashan County	0	**-**	-	–	-	1	**0.1**	*0.05*	0.01	*0.01*
China, Jiaxing City	0	**-**	-	–	-	0	**-**	-	–	-
China, Macao	1	**0.1**	*0.12*	0.02	*0.02*	5	**0.4**	*0.19*	0.04	*0.03*
China, Qidong County	1	**0.0**	*0.02*	0.01	*0.01*	0	**-**	-	–	-
*China, Shanghai City	25	**0.1**	*0.02*	0.01	*0.00*	15	**0.0**	*0.01*	0.01	*0.00*
*China, Wuhan City	12	**0.1**	*0.02*	0.01	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
*China, Yangcheng County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yanting County	4	**0.3**	*0.19*	0.04	*0.02*	0	**-**	-	–	-
*China, Zhongshan City	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.05*	0.01	*0.01*
*India, Bangalore	1	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
*India; Barshi, Paranda, and Bhum	0	**-**	-	–	-	0	**-**	-	–	-
*India, Bhopal	1	**0.0**	*0.03*	0.00	*0.00*	0	**-**	-	–	-
*India, Chennai	4	**0.0**	*0.02*	0.00	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
*India, Dindigul, Ambilikkai	2	**0.0**	*0.03*	0.00	*0.00*	0	**-**	-	–	-
*India, Karunagappally	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mizoram	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
*India, Mumbai	2	**0.0**	*0.01*	0.00	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
*India, New Delhi	20	**0.1**	*0.02*	0.02	*0.00*	8	**0.0**	*0.01*	0.01	*0.00*
*India, Poona	0	**-**	-	–	-	0	**-**	-	–	-
*India, Sikkim State	0	**-**	-	–	-	1	**0.2**	*0.16*	0.02	*0.02*
*India, Trivandrum	1	**0.1**	*0.08*	0.00	*0.00*	0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province	0	**-**	-	–	-	0	**-**	-	–	-
Israel	55	**0.3**	*0.04*	0.03	*0.01*	20	**0.1**	*0.02*	0.01	*0.00*
*Israel: Jews	47	**0.2**	*0.04*	0.03	*0.01*	20	**0.1**	*0.02*	0.01	*0.00*
*Israel: Non–Jews	8	**0.4**	*0.15*	0.02	*0.01*	0	**-**	-	–	-
Japan, Aichi Prefecture	15	**0.2**	*0.07*	0.03	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
Japan, Fukui Prefecture	35	**0.7**	*0.13*	0.09	*0.02*	10	**0.1**	*0.05*	0.02	*0.01*
Japan, Hiroshima	28	**0.5**	*0.10*	0.05	*0.01*	17	**0.2**	*0.05*	0.02	*0.01*
Japan, Miyagi Prefecture	11	**0.1**	*0.03*	0.01	*0.00*	9	**0.0**	*0.02*	0.00	*0.00*
Japan, Nagasaki Prefecture	17	**0.2**	*0.04*	0.02	*0.01*	16	**0.1**	*0.03*	0.02	*0.01*
Japan, Niigata Prefecture	7	**0.0**	*0.02*	0.00	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
*Japan, Osaka Prefecture	51	**0.1**	*0.01*	0.01	*0.00*	48	**0.1**	*0.01*	0.01	*0.00*
Japan, Saga Prefecture	7	**0.1**	*0.05*	0.01	*0.01*	11	**0.1**	*0.04*	0.02	*0.01*
Republic of Korea	182	**0.1**	*0.01*	0.02	*0.00*	126	**0.1**	*0.01*	0.01	*0.00*
Republic of Korea, Busan	23	**0.2**	*0.06*	0.02	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
Republic of Korea, Daegu	7	**0.1**	*0.04*	0.01	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
Republic of Korea, Daejeon	1	**0.0**	*0.03*	0.00	*0.00*	7	**0.2**	*0.06*	0.02	*0.01*
Republic of Korea, Gwangju	2	**0.1**	*0.04*	0.01	*0.01*	3	**0.1**	*0.04*	0.00	*0.00*
Republic of Korea, Incheon	8	**0.1**	*0.05*	0.02	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
Republic of Korea, Jejudo	0	**-**	-	–	-	3	**0.2**	*0.12*	0.02	*0.01*
Republic of Korea, Seoul	32	**0.1**	*0.03*	0.02	*0.00*	29	**0.1**	*0.02*	0.01	*0.00*
Republic of Korea, Ulsan	2	**0.1**	*0.08*	0.02	*0.01*	0	**-**	-	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other urinary organs (C68) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	1	**0.1**	*0.07*	–	-	0	**-**	-	–	-
*Kuwait: Kuwaitis	1	**0.1**	*0.09*	–	-	0	**-**	-	–	-
*Kuwait: Non–Kuwaitis	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang	0	**-**	-	–	-	1	**0.0**	*0.03*	–	-
*Malaysia, Penang: Chinese	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	0	**-**	-	–	-	1	**0.1**	*0.13*	–	-
*Philippines, Manila	3	**0.0**	*0.03*	0.00	*0.00*	5	**0.1**	*0.02*	0.01	*0.00*
*Philippines, Rizal	1	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
Qatar: Qatari	0	**-**	-	–	-	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.03*	0.01	*0.01*
Singapore	7	**0.1**	*0.03*	0.00	*0.00*	9	**0.1**	*0.03*	0.01	*0.01*
Singapore: Chinese	7	**0.1**	*0.04*	0.01	*0.00*	8	**0.1**	*0.03*	0.01	*0.01*
Singapore: Indian	0	**-**	-	–	-	0	**-**	-	–	-
Singapore: Malay	0	**-**	-	–	-	1	**0.1**	*0.09*	0.02	*0.02*
Thailand, Bangkok	10	**0.1**	*0.02*	0.01	*0.00*	20	**0.1**	*0.03*	0.01	*0.00*
Thailand, Chiang Mai	2	**0.0**	*0.03*	0.00	*0.00*	3	**0.1**	*0.03*	0.01	*0.00*
Thailand, Chonburi	1	**0.0**	*0.05*	0.01	*0.01*	1	**0.0**	*0.03*	–	-
*Thailand, Khon Kaen	0	**-**	-	–	-	1	**0.0**	*0.02*	0.01	*0.01*
Thailand, Lampang	1	**0.0**	*0.05*	0.01	*0.01*	2	**0.1**	*0.06*	0.01	*0.01*
*Thailand, Songkhla	2	**0.1**	*0.06*	0.02	*0.01*	0	**-**	-	–	-
*Turkey, Antalya	7	**0.2**	*0.08*	0.04	*0.01*	0	**-**	-	–	-
*Turkey, Edirne	4	**0.4**	*0.20*	0.06	*0.03*	0	**-**	-	–	-
*Turkey, Izmir	17	**0.2**	*0.04*	0.02	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
*Turkey, Trabzon	2	**0.2**	*0.12*	0.01	*0.01*	1	**0.1**	*0.08*	0.01	*0.01*
Europe										
Austria	114	**0.3**	*0.03*	0.04	*0.00*	65	**0.1**	*0.02*	0.01	*0.00*
Austria, Tyrol	2	**0.1**	*0.07*	0.01	*0.01*	9	**0.2**	*0.09*	0.02	*0.01*
Austria, Vorarlberg	2	**0.1**	*0.09*	0.01	*0.01*	7	**0.3**	*0.13*	0.02	*0.02*
*Belarus	5	**0.0**	*0.01*	0.00	*0.00*	15	**0.0**	*0.01*	0.00	*0.00*
*Belgium	84	**0.2**	*0.02*	0.02	*0.00*	19	**0.0**	*0.01*	0.00	*0.00*
Bulgaria	19	**0.1**	*0.01*	0.01	*0.00*	20	**0.0**	*0.01*	0.01	*0.00*
Croatia	20	**0.1**	*0.03*	0.01	*0.00*	17	**0.1**	*0.02*	0.01	*0.00*
Cyprus	11	**0.3**	*0.11*	0.03	*0.01*	3	**0.1**	*0.06*	0.01	*0.01*
Czech Republic	45	**0.1**	*0.02*	0.01	*0.00*	32	**0.1**	*0.01*	0.01	*0.00*
Denmark	18	**0.1**	*0.02*	0.01	*0.00*	12	**0.0**	*0.01*	0.00	*0.00*
*Estonia	2	**0.0**	*0.03*	0.00	*0.00*	7	**0.1**	*0.04*	0.01	*0.01*
Finland	50	**0.2**	*0.03*	0.02	*0.00*	34	**0.1**	*0.02*	0.01	*0.00*
*France, Bas–Rhin	16	**0.3**	*0.08*	0.03	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
*France, Calvados	10	**0.4**	*0.14*	0.04	*0.02*	6	**0.2**	*0.08*	0.02	*0.01*
*France, Doubs	4	**0.2**	*0.10*	0.02	*0.01*	1	**0.0**	*0.04*	0.01	*0.01*
*France, Haut–Rhin	7	**0.3**	*0.11*	0.04	*0.02*	2	**0.0**	*0.02*	–	-
*France, Hérault	2	**0.0**	*0.02*	0.01	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
*France, Isère	18	**0.4**	*0.10*	0.04	*0.01*	5	**0.1**	*0.03*	0.01	*0.01*
*France, Loire–Atlantique	13	**0.3**	*0.09*	0.04	*0.01*	2	**0.0**	*0.01*	–	-
*France, Manche	2	**0.0**	*0.03*	–	-	2	**0.0**	*0.02*	–	-
*France, Somme	11	**0.4**	*0.14*	0.05	*0.02*	3	**0.0**	*0.02*	–	-
*France, Tarn	12	**0.5**	*0.14*	0.07	*0.03*	5	**0.1**	*0.03*	–	-
*France, Vendée	4	**0.2**	*0.09*	0.01	*0.01*	0	**-**	-	–	-
Germany, Brandenburg	30	**0.2**	*0.05*	0.03	*0.01*	20	**0.1**	*0.03*	0.01	*0.00*
Germany, Bremen	15	**0.4**	*0.10*	0.02	*0.01*	5	**0.1**	*0.03*	0.01	*0.01*
Germany, Free State of Saxony	58	**0.2**	*0.03*	0.02	*0.00*	26	**0.1**	*0.01*	0.01	*0.00*
Germany, Hamburg	67	**0.8**	*0.10*	0.09	*0.02*	52	**0.4**	*0.07*	0.05	*0.01*
Germany, Mecklenburg–Western Pomerania	18	**0.2**	*0.05*	0.03	*0.01*	7	**0.1**	*0.02*	0.00	*0.00*
Germany, Munich	25	**0.1**	*0.03*	0.01	*0.00*	33	**0.1**	*0.02*	0.01	*0.00*
Germany, North Rhine–Westphalia	74	**0.6**	*0.07*	0.07	*0.01*	46	**0.2**	*0.04*	0.03	*0.01*
Germany, Saarland	31	**0.5**	*0.10*	0.05	*0.01*	21	**0.2**	*0.06*	0.02	*0.01*
Germany, Schleswig–Holstein	63	**0.4**	*0.05*	0.04	*0.01*	38	**0.2**	*0.03*	0.01	*0.00*
Iceland	4	**0.5**	*0.25*	0.07	*0.04*	1	**0.1**	*0.13*	0.02	*0.02*
Ireland	16	**0.1**	*0.03*	0.01	*0.00*	7	**0.0**	*0.02*	0.00	*0.00*
Italy, Biella	1	**0.1**	*0.08*	0.02	*0.02*	1	**0.0**	*0.03*	–	-
Italy, Brescia	53	**1.4**	*0.20*	0.15	*0.03*	27	**0.5**	*0.11*	0.05	*0.01*
Italy, Catania and Messina	17	**0.3**	*0.09*	0.05	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
Italy, Catanzaro	2	**0.2**	*0.15*	0.02	*0.02*	5	**0.3**	*0.15*	0.03	*0.02*
Italy, Como	10	**0.4**	*0.12*	0.04	*0.02*	10	**0.2**	*0.07*	0.02	*0.01*
Italy, Ferrara	11	**0.5**	*0.17*	0.04	*0.02*	3	**0.1**	*0.09*	0.02	*0.01*
Italy, Florence and Prato	5	**0.1**	*0.08*	0.01	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
Italy, Friuli–Venezia Giulia	122	**1.7**	*0.17*	0.17	*0.02*	66	**0.5**	*0.07*	0.04	*0.01*
Italy, Genoa	36	**0.7**	*0.14*	0.10	*0.02*	11	**0.2**	*0.06*	0.02	*0.01*
Italy, Latina	4	**0.1**	*0.06*	0.01	*0.01*	3	**0.1**	*0.03*	–	-
Italy, Lecco	21	**1.3**	*0.31*	0.12	*0.04*	5	**0.2**	*0.09*	0.01	*0.01*
Italy, Lombardy, South	39	**1.7**	*0.30*	0.20	*0.04*	13	**0.4**	*0.14*	0.05	*0.02*
Italy, Mantua	1	**0.2**	*0.15*	0.01	*0.01*	0	**-**	-	–	-
Italy, Milan	24	**0.4**	*0.08*	0.03	*0.01*	13	**0.1**	*0.02*	0.00	*0.00*
Italy, Modena	10	**0.3**	*0.09*	0.03	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
Italy, Naples	2	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
Italy, Nuoro	3	**0.2**	*0.14*	0.02	*0.02*	0	**-**	-	–	-
Italy, Palermo	17	**0.4**	*0.10*	0.03	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Italy, Parma	4	**0.1**	*0.09*	0.01	*0.01*	1	**0.0**	*0.05*	0.01	*0.01*
Italy, Ragusa	2	**0.1**	*0.05*	–	-	2	**0.1**	*0.11*	0.01	*0.01*
Italy, Reggio Emilia	5	**0.2**	*0.07*	0.02	*0.01*	5	**0.1**	*0.04*	0.01	*0.01*
Italy, Romagna	82	**1.1**	*0.13*	0.11	*0.02*	28	**0.2**	*0.06*	0.02	*0.01*
Italy, Salerno	5	**0.1**	*0.04*	0.00	*0.00*	4	**0.0**	*0.03*	0.00	*0.00*
Italy, Sassari	7	**0.4**	*0.19*	0.06	*0.02*	2	**0.1**	*0.07*	0.01	*0.01*
Italy, Sondrio	0	**-**	-	–	-	0	**-**	-	–	-
Italy, South Tyrol	4	**0.2**	*0.11*	0.02	*0.01*	2	**0.0**	*0.02*	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other urinary organs (C68) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	5	**0.3**	*0.13*	0.04	*0.02*	1	**0.0**	*0.02*	–	-
Italy, Trapani	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
Italy, Trento	52	**2.4**	*0.36*	0.25	*0.05*	31	**1.0**	*0.21*	0.09	*0.03*
Italy, Turin	9	**0.2**	*0.06*	0.01	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
Italy, Umbria	35	**0.6**	*0.11*	0.06	*0.02*	12	**0.2**	*0.08*	0.03	*0.01*
Italy, Varese	25	**0.6**	*0.13*	0.07	*0.02*	11	**0.1**	*0.04*	0.01	*0.01*
Italy, Veneto	128	**1.2**	*0.11*	0.10	*0.01*	52	**0.3**	*0.05*	0.02	*0.01*
Latvia	10	**0.2**	*0.05*	0.02	*0.01*	11	**0.1**	*0.03*	0.01	*0.00*
Lithuania	13	**0.1**	*0.03*	0.01	*0.00*	22	**0.1**	*0.03*	0.01	*0.00*
Malta	1	**0.1**	*0.07*	0.01	*0.01*	1	**0.0**	*0.03*	–	-
*The Netherlands	140	**0.2**	*0.02*	0.02	*0.00*	38	**0.0**	*0.01*	0.00	*0.00*
*The Netherlands, Eindhoven	12	**0.2**	*0.07*	0.01	*0.01*	3	**0.1**	*0.03*	0.00	*0.00*
Norway	51	**0.3**	*0.04*	0.03	*0.01*	23	**0.1**	*0.02*	0.01	*0.00*
Poland, Cracow	0	**-**	-	–	-	4	**0.1**	*0.07*	0.03	*0.01*
Poland, Kielce	1	**0.0**	*0.03*	0.00	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
Poland, Lower Silesia	9	**0.1**	*0.03*	0.02	*0.01*	7	**0.1**	*0.02*	0.00	*0.00*
Poland, Podkarpackie	8	**0.1**	*0.04*	0.01	*0.01*	0	**-**	-	–	-
Portugal, Azores	0	**-**	-	–	-	1	**0.2**	*0.16*	0.01	*0.01*
Russian Federation, Saint Petersburg	2	**0.0**	*0.01*	0.00	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
*Serbia, Central	14	**0.1**	*0.02*	0.01	*0.00*	17	**0.1**	*0.02*	0.01	*0.00*
Slovakia	13	**0.1**	*0.02*	0.01	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
Slovenia	4	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
Spain, Albacete	8	**0.5**	*0.19*	0.07	*0.03*	0	**-**	-	–	-
Spain, Asturias	100	**1.7**	*0.18*	0.18	*0.02*	21	**0.2**	*0.06*	0.03	*0.01*
Spain, Basque Country	28	**0.3**	*0.05*	0.03	*0.01*	8	**0.1**	*0.03*	0.01	*0.00*
Spain, Canary Islands	19	**0.3**	*0.08*	0.01	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
Spain, Ciudad Real	1	**0.1**	*0.08*	0.01	*0.01*	1	**0.0**	*0.01*	–	-
Spain, Cuenca	3	**0.4**	*0.23*	0.06	*0.03*	0	**-**	-	–	-
Spain, Girona	17	**0.6**	*0.15*	0.07	*0.02*	5	**0.1**	*0.08*	0.01	*0.01*
*Spain, Granada	5	**0.1**	*0.06*	0.02	*0.01*	0	**-**	-	–	-
Spain, La Rioja	7	**0.5**	*0.20*	0.05	*0.03*	2	**0.0**	*0.03*	–	-
Spain, Mallorca	12	**0.3**	*0.10*	0.04	*0.02*	8	**0.2**	*0.07*	0.02	*0.01*
Spain, Murcia	19	**0.4**	*0.10*	0.05	*0.01*	7	**0.2**	*0.07*	0.02	*0.01*
Spain, Navarra	7	**0.2**	*0.07*	0.02	*0.01*	1	**0.0**	*0.02*	–	-
Spain, Tarragona	18	**0.6**	*0.15*	0.06	*0.02*	3	**0.1**	*0.05*	0.00	*0.00*
*Sweden	93	**0.2**	*0.02*	0.02	*0.00*	50	**0.1**	*0.01*	0.01	*0.00*
Switzerland, Basel	2	**0.1**	*0.06*	0.01	*0.01*	2	**0.0**	*0.02*	–	-
Switzerland, Geneva	3	**0.1**	*0.07*	–	-	1	**0.0**	*0.05*	0.01	*0.01*
Switzerland, Graubünden and Glarus	3	**0.2**	*0.11*	–	-	1	**0.0**	*0.03*	–	-
Switzerland, Neuchâtel	4	**0.5**	*0.24*	0.05	*0.04*	1	**0.1**	*0.15*	0.02	*0.02*
Switzerland, St Gall–Appenzell	2	**0.1**	*0.07*	0.02	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
Switzerland, Ticino	3	**0.2**	*0.09*	0.01	*0.01*	0	**-**	-	–	-
Switzerland, Valais	6	**0.4**	*0.19*	0.04	*0.03*	3	**0.2**	*0.12*	0.02	*0.02*
Switzerland, Vaud	7	**0.2**	*0.09*	0.02	*0.01*	5	**0.1**	*0.03*	–	-
Switzerland, Zurich	10	**0.1**	*0.05*	0.01	*0.00*	7	**0.1**	*0.04*	0.02	*0.01*
Ukraine	40	**0.0**	*0.00*	0.00	*0.00*	92	**0.0**	*0.00*	0.00	*0.00*
UK, England	477	**0.2**	*0.01*	0.02	*0.00*	215	**0.1**	*0.01*	0.01	*0.00*
UK, England, East of England Region	25	**0.1**	*0.02*	0.01	*0.00*	17	**0.1**	*0.02*	0.01	*0.00*
UK, England, North Western	45	**0.2**	*0.02*	0.02	*0.00*	34	**0.1**	*0.02*	0.01	*0.00*
UK, England, Northern and Yorkshire	34	**0.1**	*0.02*	0.01	*0.00*	21	**0.1**	*0.01*	0.01	*0.00*
UK, England, Oxford Region	12	**0.1**	*0.03*	0.01	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
UK, England, South and Western Regions	141	**0.4**	*0.03*	0.04	*0.00*	50	**0.1**	*0.01*	0.01	*0.00*
UK, England, Thames	76	**0.2**	*0.02*	0.02	*0.00*	36	**0.1**	*0.01*	0.01	*0.00*
UK, England, Trent	38	**0.3**	*0.05*	0.03	*0.01*	17	**0.1**	*0.02*	0.01	*0.00*
UK, England, West Midlands	63	**0.2**	*0.03*	0.03	*0.01*	24	**0.1**	*0.02*	0.01	*0.00*
UK, Northern Ireland	37	**0.6**	*0.10*	0.07	*0.01*	12	**0.1**	*0.04*	0.01	*0.00*
UK, Scotland	35	**0.1**	*0.03*	0.01	*0.00*	14	**0.0**	*0.01*	0.00	*0.00*
UK, Wales	17	**0.1**	*0.03*	0.01	*0.00*	9	**0.0**	*0.02*	0.01	*0.00*
Oceania										
Australian Capital Territory	1	**0.1**	*0.13*	0.02	*0.02*	1	**0.1**	*0.10*	0.01	*0.01*
Australia, New South Wales	48	**0.2**	*0.02*	0.02	*0.00*	19	**0.1**	*0.01*	0.01	*0.00*
Australia, Northern Territory	1	**0.2**	*0.16*	0.01	*0.01*	0	**-**	-	–	-
Australia, Northern Territory: Indigenous	1	**0.9**	*0.91*	0.08	*0.08*	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Queensland	28	**0.2**	*0.03*	0.02	*0.00*	10	**0.0**	*0.02*	0.00	*0.00*
South Australia	7	**0.1**	*0.03*	0.01	*0.00*	8	**0.1**	*0.04*	0.02	*0.01*
Australia, Tasmania	2	**0.1**	*0.05*	0.01	*0.01*	2	**0.1**	*0.07*	0.02	*0.01*
Australia, Victoria	17	**0.1**	*0.02*	0.01	*0.00*	14	**0.0**	*0.01*	0.00	*0.00*
Western Australia	30	**0.4**	*0.07*	0.05	*0.01*	9	**0.1**	*0.02*	–	-
New Zealand	47	**0.3**	*0.04*	0.04	*0.01*	24	**0.1**	*0.03*	0.02	*0.00*
New Zealand: Maori	1	**0.1**	*0.06*	0.01	*0.01*	3	**0.3**	*0.18*	0.04	*0.03*
New Zealand: Pacific Islander	1	**0.8**	*0.82*	–	-	0	**-**	-	–	-
New Zealand: Other	45	**0.3**	*0.05*	0.04	*0.01*	21	**0.1**	*0.03*	0.01	*0.00*
USA, Hawaii	8	**0.2**	*0.07*	0.02	*0.01*	4	**0.1**	*0.03*	0.01	*0.00*
*USA, Hawaii: Chinese	2	**0.7**	*0.55*	0.07	*0.07*	0	**-**	-	–	-
*USA, Hawaii: Filipino	1	**0.2**	*0.24*	0.04	*0.04*	0	**-**	-	–	-
*USA, Hawaii: Hawaiian	0	**-**	-	–	-	0	**-**	-	–	-
*USA, Hawaii: Japanese	3	**0.3**	*0.16*	0.03	*0.02*	2	**0.1**	*0.09*	0.01	*0.01*
*USA, Hawaii: White	0	**-**	-	–	-	1	**0.1**	*0.07*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Eye (C69)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	2	**0.1**	*0.04*	–	-	2	**0.1**	*0.04*	–	-
Egypt, Gharbiah	28	**0.4**	*0.07*	0.03	*0.01*	12	**0.2**	*0.04*	0.01	*0.00*
*Libya, Benghazi	4	**0.2**	*0.08*	0.01	*0.00*	6	**0.3**	*0.15*	0.04	*0.03*
*Malawi, Blantyre	153	**7.4**	*0.71*	0.60	*0.07*	187	**9.8**	*0.87*	0.81	*0.09*
*South Africa, PROMEC	18	**1.0**	*0.25*	0.09	*0.02*	10	**0.5**	*0.16*	0.05	*0.02*
*Tunisia, North	29	**0.5**	*0.09*	0.03	*0.01*	10	**0.2**	*0.06*	0.01	*0.01*
*Uganda, Kyadondo County	73	**2.7**	*0.44*	0.26	*0.06*	94	**3.0**	*0.40*	0.28	*0.05*
*Zimbabwe, Harare: African	108	**5.5**	*0.63*	0.55	*0.09*	112	**5.4**	*0.66*	0.52	*0.09*
America, Central and South										
Argentina, Bahía Blanca	2	**0.3**	*0.18*	0.03	*0.02*	2	**0.1**	*0.08*	0.02	*0.02*
Argentina, Córdoba	18	**0.8**	*0.18*	0.06	*0.02*	5	**0.2**	*0.10*	0.01	*0.01*
Argentina, Mendoza	11	**0.3**	*0.09*	0.03	*0.01*	12	**0.2**	*0.08*	0.02	*0.01*
*Argentina, Tierra del Fuego	1	**0.3**	*0.34*	0.03	*0.03*	0	**-**	-	–	-
Brazil, Aracaju	11	**1.8**	*0.57*	0.25	*0.10*	4	**0.4**	*0.22*	0.05	*0.03*
Brazil, Belo Horizonte	13	**0.5**	*0.13*	0.05	*0.02*	16	**0.4**	*0.11*	0.04	*0.01*
Brazil, Cuiabá	4	**0.5**	*0.24*	0.06	*0.03*	6	**0.6**	*0.29*	0.07	*0.04*
Brazil, Fortaleza	14	**0.4**	*0.11*	0.03	*0.01*	8	**0.2**	*0.08*	0.02	*0.01*
Brazil, Goiânia	23	**1.0**	*0.21*	0.10	*0.03*	22	**0.8**	*0.19*	0.06	*0.02*
*Brazil, São Paulo	198	**0.9**	*0.07*	0.08	*0.01*	231	**0.8**	*0.06*	0.07	*0.01*
Chile, Region of Antofagasta	6	**0.5**	*0.23*	0.07	*0.03*	2	**0.1**	*0.10*	0.02	*0.01*
Chile, Bío Bío Province	1	**0.1**	*0.08*	–	-	2	**0.2**	*0.17*	0.01	*0.01*
Chile, Valdivia	3	**0.4**	*0.25*	0.01	*0.01*	1	**0.1**	*0.08*	0.02	*0.02*
Colombia, Bucaramanga	38	**1.8**	*0.30*	0.20	*0.04*	15	**0.5**	*0.14*	0.05	*0.02*
Colombia, Cali	30	**0.8**	*0.15*	0.07	*0.02*	24	**0.5**	*0.10*	0.04	*0.01*
Colombia, Manizales	4	**0.6**	*0.30*	0.03	*0.02*	4	**0.4**	*0.21*	0.02	*0.01*
Colombia, Pasto	1	**0.2**	*0.16*	0.03	*0.03*	6	**0.6**	*0.24*	0.05	*0.02*
Costa Rica	75	**0.8**	*0.10*	0.08	*0.01*	27	**0.3**	*0.06*	0.01	*0.00*
Cuba, Villa Clara	33	**1.3**	*0.23*	0.13	*0.03*	13	**0.5**	*0.15*	0.07	*0.02*
Ecuador, Cuenca	5	**0.4**	*0.20*	0.02	*0.01*	3	**0.2**	*0.12*	0.00	*0.00*
Ecuador, Quito	36	**1.2**	*0.20*	0.12	*0.03*	33	**0.9**	*0.17*	0.09	*0.02*
*France, Martinique	6	**0.6**	*0.25*	0.05	*0.02*	1	**0.1**	*0.07*	0.01	*0.01*
*Jamaica, Kingston and St Andrew	3	**0.2**	*0.12*	0.02	*0.01*	6	**0.5**	*0.20*	0.03	*0.01*
USA, Puerto Rico	69	**0.5**	*0.07*	0.05	*0.01*	46	**0.4**	*0.06*	0.03	*0.01*
Uruguay	29	**0.6**	*0.11*	0.05	*0.01*	24	**0.4**	*0.11*	0.03	*0.01*
America, North										
Canada	724	**0.7**	*0.03*	0.07	*0.00*	575	**0.6**	*0.03*	0.05	*0.00*
Canada, Alberta	67	**0.7**	*0.09*	0.06	*0.01*	53	**0.5**	*0.08*	0.06	*0.01*
Canada, British Columbia	118	**0.8**	*0.08*	0.10	*0.01*	91	**0.6**	*0.08*	0.06	*0.01*
Canada, Manitoba	24	**0.5**	*0.11*	0.06	*0.02*	25	**0.5**	*0.13*	0.05	*0.01*
Canada, New Brunswick	11	**0.4**	*0.12*	0.05	*0.02*	10	**0.4**	*0.16*	0.04	*0.01*
Canada, Newfoundland and Labrador	8	**0.4**	*0.14*	0.04	*0.02*	4	**0.2**	*0.09*	0.02	*0.01*
*Canada, Northwest Territories	0	**-**	-	–	-	0	**-**	-	–	-
Canada, Nova Scotia	33	**1.0**	*0.21*	0.10	*0.02*	19	**0.6**	*0.19*	0.04	*0.01*
Canada, Ontario	287	**0.7**	*0.05*	0.07	*0.01*	231	**0.6**	*0.05*	0.05	*0.00*
Canada, Prince Edward Island	2	**0.4**	*0.29*	0.04	*0.03*	1	**0.1**	*0.06*	–	-
*Canada, Quebec	145	**0.6**	*0.06*	0.06	*0.01*	130	**0.5**	*0.06*	0.05	*0.01*
Canada, Saskatchewan	29	**0.7**	*0.14*	0.09	*0.02*	11	**0.3**	*0.14*	0.02	*0.01*
*Canada, Yukon	0	**-**	-	–	-	0	**-**	-	–	-
USA, NPCR (42 states)	6018	**0.8**	*0.01*	0.08	*0.00*	5262	**0.6**	*0.01*	0.06	*0.00*
USA, NPCR (42 states): American Indian	21	**0.3**	*0.07*	0.03	*0.01*	17	**0.2**	*0.06*	0.02	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	56	**0.2**	*0.03*	0.02	*0.00*	63	**0.2**	*0.03*	0.02	*0.00*
USA, NPCR (42 states): Black	219	**0.3**	*0.02*	0.02	*0.00*	195	**0.3**	*0.02*	0.02	*0.00*
USA, NPCR (42 states): White	5533	**0.8**	*0.01*	0.08	*0.00*	4861	**0.7**	*0.01*	0.06	*0.00*
USA, SEER (9 registries)	627	**0.8**	*0.03*	0.08	*0.00*	526	**0.6**	*0.03*	0.06	*0.00*
*USA, SEER (9 registries): Black	21	**0.3**	*0.06*	0.02	*0.00*	23	**0.3**	*0.07*	0.02	*0.00*
*USA, SEER (9 registries): White	576	**0.9**	*0.04*	0.09	*0.00*	469	**0.7**	*0.04*	0.07	*0.00*
USA, SEER (18 registries)	1774	**0.8**	*0.02*	0.07	*0.00*	1473	**0.6**	*0.02*	0.06	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	45	**0.3**	*0.04*	0.02	*0.00*	49	**0.3**	*0.05*	0.02	*0.00*
*USA, SEER (18 registries): Black	53	**0.3**	*0.04*	0.02	*0.00*	50	**0.2**	*0.04*	0.02	*0.00*
*USA, SEER (18 registries): Hispanic White	176	**0.5**	*0.04*	0.04	*0.00*	128	**0.4**	*0.03*	0.03	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	1441	**0.9**	*0.03*	0.09	*0.00*	1204	**0.7**	*0.02*	0.07	*0.00*
*USA, SEER (18 registries): White	1617	**0.8**	*0.02*	0.08	*0.00*	1332	**0.6**	*0.02*	0.06	*0.00*
USA, Alabama	107	**0.8**	*0.08*	0.08	*0.01*	89	**0.6**	*0.07*	0.06	*0.01*
USA, Alabama: Black	8	**0.3**	*0.12*	0.01	*0.01*	2	**0.1**	*0.04*	0.01	*0.00*
USA, Alabama: White	98	**0.9**	*0.09*	0.09	*0.01*	85	**0.7**	*0.09*	0.07	*0.01*
USA, Alaska	10	**0.6**	*0.18*	0.05	*0.02*	6	**0.3**	*0.13*	0.03	*0.01*
*USA, Alaska: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arizona	123	**0.7**	*0.07*	0.06	*0.01*	113	**0.6**	*0.06*	0.05	*0.01*
USA, Arizona: American Indian	4	**0.7**	*0.36*	0.09	*0.06*	1	**0.2**	*0.17*	0.02	*0.02*
USA, Arizona: Asian and Pacific Islander	1	**0.2**	*0.25*	0.02	*0.02*	0	**-**	-	–	-
USA, Arizona: Black	3	**0.6**	*0.34*	0.05	*0.04*	0	**-**	-	–	-
USA, Arizona: White	108	**0.6**	*0.07*	0.06	*0.01*	110	**0.7**	*0.07*	0.06	*0.01*
USA, Arkansas	49	**0.6**	*0.09*	0.06	*0.01*	47	**0.5**	*0.08*	0.04	*0.01*
USA, Arkansas: Black	1	**0.1**	*0.12*	0.01	*0.01*	0	**-**	-	–	-
USA, Arkansas: White	47	**0.6**	*0.10*	0.06	*0.01*	46	**0.6**	*0.10*	0.05	*0.01*
USA, California	755	**0.8**	*0.03*	0.07	*0.00*	643	**0.6**	*0.03*	0.06	*0.00*
USA, California: American Indian	6	**0.6**	*0.24*	0.03	*0.02*	3	**0.3**	*0.19*	0.03	*0.02*
USA, California: Asian and Pacific Islander	31	**0.3**	*0.06*	0.02	*0.00*	31	**0.3**	*0.06*	0.02	*0.00*
USA, California: Black	16	**0.3**	*0.08*	0.02	*0.01*	8	**0.2**	*0.06*	0.01	*0.00*
USA, California: White	669	**0.8**	*0.03*	0.08	*0.00*	575	**0.7**	*0.03*	0.07	*0.00*
USA, California, Los Angeles County	159	**0.6**	*0.05*	0.05	*0.01*	150	**0.6**	*0.05*	0.05	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	5	**0.2**	*0.09*	0.01	*0.01*	7	**0.3**	*0.13*	0.02	*0.01*
*USA, California, Los Angeles County: Black	10	**0.6**	*0.20*	0.04	*0.01*	3	**0.2**	*0.10*	0.01	*0.00*
*USA, California, Los Angeles County: Chinese	0	**-**	-	–	-	1	**0.1**	*0.06*	0.02	*0.02*
*USA, California, Los Angeles County: Filipino	2	**0.5**	*0.37*	0.02	*0.02*	0	**-**	-	–	-
*USA, California, Los Angeles County: Hispanic White	49	**0.5**	*0.08*	0.04	*0.01*	42	**0.4**	*0.07*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Eye (C69) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	0	-	-	–	-	2	0.5	0.34	0.05	0.04
*USA, California, Los Angeles County: Korean	1	0.2	0.20	0.03	0.03	0	-	-	–	-
*USA, California, Los Angeles County: Non–Hispanic White	86	0.7	0.10	0.07	0.01	90	0.8	0.11	0.08	0.01
*USA, California, Los Angeles County: White	135	0.7	0.06	0.06	0.01	132	0.7	0.06	0.06	0.01
USA, California, San Francisco Bay Area	102	0.9	0.09	0.08	0.01	96	0.7	0.08	0.06	0.01
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	6	0.4	0.16	0.02	0.01	8	0.4	0.15	0.02	0.01
*USA, California, San Francisco Bay Area: Black	2	0.2	0.13	0.01	0.01	0	-	-	–	-
*USA, California, San Francisco Bay Area: Hispanic White	11	0.8	0.25	0.11	0.04	6	0.3	0.13	0.03	0.02
*USA, California, San Francisco Bay Area: Non–Hispanic White	82	1.2	0.16	0.11	0.01	81	1.0	0.14	0.10	0.01
*USA, California, San Francisco Bay Area: White	93	1.1	0.12	0.10	0.01	87	0.8	0.10	0.09	0.01
USA, Colorado	104	0.8	0.08	0.09	0.01	109	0.8	0.08	0.08	0.01
USA, Colorado: Asian and Pacific Islander	1	0.4	0.41	0.02	0.02	1	0.2	0.24	0.02	0.02
USA, Colorado: Black	2	0.5	0.32	0.02	0.01	0	-	-	–	-
USA, Colorado: White	93	0.7	0.08	0.08	0.01	105	0.8	0.09	0.08	0.01
USA, Connecticut	77	0.7	0.09	0.07	0.01	73	0.6	0.08	0.06	0.01
*USA, Connecticut: Black	3	0.4	0.21	0.04	0.03	2	0.3	0.24	0.01	0.01
*USA, Connecticut: White	70	0.7	0.10	0.07	0.01	68	0.6	0.09	0.06	0.01
USA, Delaware	18	0.6	0.15	0.06	0.02	26	0.9	0.21	0.10	0.02
USA, Delaware: Black	0	-	-	–	-	0	-	-	–	-
USA, Delaware: White	18	0.8	0.18	0.08	0.02	25	1.0	0.25	0.11	0.03
USA, Florida	482	0.8	0.04	0.08	0.00	453	0.7	0.04	0.07	0.00
USA, Florida: Asian and Pacific Islander	2	0.3	0.18	0.02	0.02	1	0.1	0.06	0.00	0.00
USA, Florida: Black	24	0.4	0.09	0.03	0.01	27	0.5	0.09	0.03	0.01
USA, Florida: White	444	0.8	0.05	0.08	0.00	421	0.7	0.04	0.07	0.00
USA, Georgia	155	0.7	0.06	0.07	0.01	118	0.5	0.05	0.04	0.00
USA, Georgia: Asian and Pacific Islander	0	-	-	–	-	2	0.3	0.24	0.02	0.01
USA, Georgia: Black	13	0.2	0.07	0.01	0.00	20	0.4	0.08	0.02	0.00
USA, Georgia: White	140	0.8	0.07	0.08	0.01	94	0.5	0.06	0.04	0.01
USA, Georgia, Atlanta	58	0.8	0.10	0.08	0.01	41	0.5	0.09	0.04	0.01
*USA, Georgia, Atlanta: Black	9	0.4	0.12	0.02	0.01	13	0.5	0.15	0.03	0.01
*USA, Georgia, Atlanta: White	47	0.9	0.13	0.10	0.02	25	0.5	0.10	0.04	0.01
USA, Idaho	39	1.0	0.17	0.11	0.02	22	0.5	0.12	0.05	0.01
USA, Illinois	287	0.8	0.05	0.08	0.01	270	0.6	0.04	0.06	0.00
USA, Illinois: Asian and Pacific Islander	1	0.1	0.11	0.00	0.00	1	0.0	0.05	–	-
USA, Illinois: Black	6	0.2	0.07	0.01	0.00	4	0.1	0.06	0.01	0.00
USA, Illinois: White	276	0.9	0.06	0.09	0.01	259	0.7	0.05	0.07	0.01
USA, Indiana	146	0.7	0.06	0.08	0.01	124	0.6	0.07	0.05	0.01
USA, Indiana: Black	3	0.2	0.14	0.03	0.02	1	0.1	0.09	0.00	0.00
USA, Indiana: White	137	0.7	0.07	0.08	0.01	117	0.6	0.07	0.06	0.01
USA, Iowa	91	0.9	0.11	0.09	0.01	80	0.7	0.09	0.08	0.01
USA, Kentucky	116	1.0	0.10	0.09	0.01	93	0.6	0.07	0.07	0.01
USA, Louisiana	72	0.7	0.09	0.07	0.01	70	0.6	0.08	0.06	0.01
*USA, Louisiana: Black	6	0.2	0.10	0.02	0.01	7	0.3	0.11	0.03	0.01
*USA, Louisiana: White	66	0.9	0.12	0.09	0.01	63	0.7	0.11	0.08	0.01
*USA, Louisiana, New Orleans	14	0.9	0.25	0.09	0.03	7	0.3	0.14	0.03	0.01
*USA, Louisiana, New Orleans: Black	0	-	-	–	-	1	0.1	0.12	0.03	0.03
*USA, Louisiana, New Orleans: White	14	1.5	0.48	0.14	0.04	6	0.5	0.28	0.04	0.02
USA, Maine	36	0.7	0.13	0.09	0.02	36	0.7	0.14	0.06	0.01
USA, Massachusetts	185	0.9	0.07	0.10	0.01	178	0.8	0.07	0.08	0.01
USA, Massachusetts: Asian and Pacific Islander	0	-	-	–	-	1	0.1	0.11	0.01	0.01
USA, Massachusetts: Black	1	0.1	0.11	0.00	0.00	7	0.6	0.24	0.04	0.02
USA, Massachusetts: White	174	0.9	0.08	0.10	0.01	163	0.8	0.08	0.09	0.01
USA, Michigan	209	0.7	0.05	0.07	0.01	181	0.6	0.05	0.06	0.00
USA, Michigan: Asian and Pacific Islander	1	0.1	0.09	0.01	0.01	1	0.2	0.17	0.01	0.01
USA, Michigan: Black	6	0.2	0.09	0.01	0.00	7	0.2	0.09	0.02	0.01
USA, Michigan: White	191	0.7	0.06	0.08	0.01	165	0.6	0.06	0.06	0.01
USA, Michigan, Detroit	83	0.7	0.09	0.07	0.01	59	0.5	0.07	0.05	0.01
*USA, Michigan, Detroit: Black	5	0.3	0.13	0.01	0.01	6	0.3	0.13	0.02	0.01
*USA, Michigan, Detroit: White	77	0.8	0.11	0.09	0.01	51	0.5	0.09	0.05	0.01
USA, Mississippi	56	0.7	0.10	0.06	0.01	42	0.5	0.08	0.05	0.01
USA, Missouri	134	0.8	0.07	0.08	0.01	129	0.6	0.06	0.06	0.01
USA, Missouri: Black	9	0.7	0.23	0.04	0.01	1	0.0	0.05	0.00	0.00
USA, Missouri: White	120	0.7	0.07	0.09	0.01	126	0.7	0.07	0.07	0.01
USA, Montana	31	0.8	0.15	0.08	0.02	23	0.7	0.16	0.06	0.02
USA, Montana: American Indian	0	-	-	–	-	1	0.5	0.54	0.05	0.05
USA, Nebraska	38	0.7	0.13	0.07	0.01	27	0.4	0.09	0.04	0.01
USA, Nebraska: Black	1	0.5	0.51	0.02	0.02	0	-	-	–	-
USA, Nebraska: White	32	0.6	0.12	0.07	0.01	23	0.3	0.09	0.03	0.01
USA, New Hampshire	41	1.0	0.18	0.10	0.02	36	0.9	0.17	0.08	0.02
USA, New Jersey	208	0.8	0.06	0.08	0.01	160	0.6	0.05	0.05	0.01
*USA, New Jersey: Black	7	0.3	0.10	0.02	0.01	4	0.1	0.06	0.01	0.01
*USA, New Jersey: White	193	0.9	0.07	0.10	0.01	151	0.6	0.06	0.06	0.01
USA, New Mexico	36	0.6	0.11	0.06	0.01	29	0.5	0.11	0.05	0.01
*USA, New Mexico: Hispanic White	6	0.3	0.14	0.02	0.01	7	0.4	0.15	0.03	0.02
*USA, New Mexico: Non–Hispanic White	29	0.9	0.23	0.09	0.02	21	0.9	0.25	0.07	0.02
*USA, New Mexico: White	35	0.7	0.13	0.06	0.01	28	0.6	0.13	0.05	0.01
USA, New York State	525	0.9	0.04	0.09	0.00	467	0.7	0.04	0.07	0.00
USA, New York State: Asian and Pacific Islander	9	0.3	0.10	0.02	0.01	10	0.3	0.10	0.03	0.01
USA, New York State: Black	26	0.3	0.07	0.02	0.01	25	0.3	0.07	0.02	0.01
USA, New York State: White	474	1.0	0.05	0.11	0.01	422	0.8	0.05	0.08	0.00
USA, North Carolina	235	0.9	0.06	0.10	0.01	184	0.6	0.05	0.06	0.01
USA, North Carolina: American Indian	1	0.4	0.39	0.05	0.05	0	-	-	–	-
USA, North Carolina: Asian and Pacific Islander	2	0.5	0.35	0.03	0.02	3	0.8	0.46	0.06	0.04
USA, North Carolina: Black	10	0.3	0.09	0.02	0.01	8	0.2	0.07	0.01	0.01
USA, North Carolina: White	215	1.0	0.08	0.11	0.01	165	0.7	0.06	0.07	0.01
USA, North Dakota	11	0.5	0.17	0.07	0.02	8	0.4	0.16	0.03	0.02
USA, Ohio	267	0.8	0.05	0.07	0.01	203	0.6	0.05	0.05	0.00
USA, Ohio: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Ohio: Black	18	0.6	0.14	0.03	0.01	20	0.7	0.15	0.04	0.01
USA, Ohio: White	247	0.8	0.06	0.08	0.01	179	0.5	0.05	0.05	0.00

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Eye (C69) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	100	**0.9**	*0.09*	0.09	*0.01*	81	**0.6**	*0.08*	0.07	*0.01*
USA, Oklahoma: American Indian	5	**0.7**	*0.30*	0.09	*0.05*	4	**0.4**	*0.21*	0.05	*0.03*
USA, Oklahoma: Black	1	**0.1**	*0.14*	0.01	*0.01*	2	**0.3**	*0.21*	0.02	*0.01*
USA, Oklahoma: White	94	**1.0**	*0.11*	0.10	*0.01*	74	**0.7**	*0.09*	0.07	*0.01*
USA, Oregon	111	**0.9**	*0.10*	0.09	*0.01*	98	**0.8**	*0.10*	0.09	*0.01*
USA, Oregon: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.4**	*0.42*	0.02	*0.02*
USA, Oregon: Black	0	**-**	-	–	-	3	**1.6**	*0.95*	0.09	*0.05*
USA, Oregon: White	111	**1.0**	*0.10*	0.09	*0.01*	93	**0.8**	*0.09*	0.09	*0.01*
USA, Pennsylvania	303	**0.8**	*0.05*	0.08	*0.01*	313	**0.6**	*0.04*	0.06	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	2	**0.3**	*0.22*	0.02	*0.01*	0	**-**	-	–	-
USA, Pennsylvania: Black	13	**0.5**	*0.13*	0.03	*0.01*	8	**0.2**	*0.08*	0.02	*0.01*
USA, Pennsylvania: White	282	**0.8**	*0.05*	0.09	*0.01*	302	**0.7**	*0.05*	0.07	*0.00*
USA, Rhode Island	31	**0.9**	*0.18*	0.09	*0.02*	29	**0.9**	*0.19*	0.08	*0.02*
USA, Rhode Island: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Rhode Island: White	31	**0.9**	*0.20*	0.10	*0.02*	28	**0.9**	*0.21*	0.09	*0.02*
USA, South Carolina	78	**0.6**	*0.07*	0.06	*0.01*	63	**0.5**	*0.07*	0.04	*0.01*
USA, South Carolina: Black	6	**0.2**	*0.09*	0.02	*0.01*	9	**0.4**	*0.13*	0.03	*0.01*
USA, South Carolina: White	65	**0.6**	*0.09*	0.07	*0.01*	52	**0.5**	*0.08*	0.04	*0.01*
USA, South Dakota	12	**0.4**	*0.12*	0.02	*0.01*	8	**0.5**	*0.18*	0.04	*0.02*
USA, Tennessee	143	**0.8**	*0.07*	0.08	*0.01*	121	**0.6**	*0.06*	0.06	*0.01*
USA, Tennessee: Black	14	**0.7**	*0.18*	0.04	*0.01*	4	**0.2**	*0.08*	0.01	*0.01*
USA, Tennessee: White	128	**0.8**	*0.08*	0.09	*0.01*	117	**0.7**	*0.08*	0.07	*0.01*
USA, Texas	479	**0.8**	*0.04*	0.08	*0.00*	389	**0.6**	*0.03*	0.05	*0.00*
USA, Texas: Asian and Pacific Islander	1	**0.0**	*0.04*	0.00	*0.00*	2	**0.1**	*0.09*	0.01	*0.01*
USA, Texas: Black	12	**0.2**	*0.06*	0.02	*0.01*	18	**0.3**	*0.07*	0.02	*0.01*
USA, Texas: White	448	**0.8**	*0.04*	0.08	*0.00*	357	**0.6**	*0.04*	0.06	*0.00*
USA, Utah	68	**1.0**	*0.13*	0.10	*0.02*	41	**0.6**	*0.10*	0.06	*0.01*
USA, Vermont	16	**0.7**	*0.19*	0.06	*0.02*	24	**1.1**	*0.26*	0.11	*0.03*
USA, Virginia	93	**0.4**	*0.05*	0.04	*0.01*	107	**0.4**	*0.04*	0.04	*0.00*
USA, Virginia: Asian and Pacific Islander	1	**0.1**	*0.10*	0.01	*0.01*	0	**-**	-	–	-
USA, Virginia: Black	5	**0.2**	*0.07*	0.01	*0.01*	2	**0.1**	*0.05*	0.00	*0.00*
USA, Virginia: White	83	**0.5**	*0.06*	0.05	*0.01*	101	**0.5**	*0.05*	0.05	*0.01*
USA, Washington State	141	**0.7**	*0.07*	0.07	*0.01*	122	**0.6**	*0.06*	0.06	*0.01*
USA, Washington, Seattle	93	**0.7**	*0.08*	0.07	*0.01*	94	**0.7**	*0.08*	0.07	*0.01*
USA, West Virginia	61	**1.1**	*0.16*	0.11	*0.02*	54	**0.8**	*0.13*	0.07	*0.01*
USA, Wisconsin	140	**0.8**	*0.07*	0.08	*0.01*	116	**0.6**	*0.07*	0.06	*0.01*
USA, Wisconsin: Black	4	**0.5**	*0.26*	0.03	*0.02*	3	**0.3**	*0.20*	0.04	*0.02*
USA, Wisconsin: White	133	**0.8**	*0.07*	0.08	*0.01*	110	**0.6**	*0.07*	0.06	*0.01*
USA, Wyoming	9	**0.6**	*0.20*	0.05	*0.02*	11	**0.7**	*0.24*	0.07	*0.02*
Asia										
Bahrain: Bahraini	3	**0.4**	*0.23*	0.04	*0.03*	1	**0.1**	*0.07*	0.00	*0.00*
China, Beijing City	28	**0.3**	*0.09*	0.02	*0.00*	21	**0.4**	*0.11*	0.02	*0.00*
*China, Cixian County	2	**0.2**	*0.16*	0.02	*0.01*	2	**0.2**	*0.13*	0.03	*0.02*
China, Haining County	1	**0.2**	*0.17*	0.01	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
*China, Harbin City, Nangang District	1	**0.2**	*0.19*	0.01	*0.01*	0	**-**	-	–	-
China, Hong Kong	38	**0.4**	*0.08*	0.02	*0.00*	20	**0.2**	*0.05*	0.01	*0.00*
China, Jiashan County	3	**0.2**	*0.11*	0.02	*0.01*	1	**0.2**	*0.19*	0.01	*0.01*
China, Jiaxing City	0	**-**	-	–	-	0	**-**	-	–	-
China, Macao	0	**-**	-	–	-	0	**-**	-	–	-
China, Qidong County	5	**0.1**	*0.05*	0.01	*0.01*	4	**0.1**	*0.07*	0.01	*0.01*
*China, Shanghai City	36	**0.2**	*0.06*	0.02	*0.00*	44	**0.2**	*0.05*	0.02	*0.00*
*China, Wuhan City	17	**0.3**	*0.09*	0.02	*0.00*	23	**0.3**	*0.10*	0.02	*0.01*
*China, Yangcheng County	3	**1.3**	*1.08*	0.05	*0.04*	2	**0.2**	*0.12*	0.02	*0.01*
*China, Yanting County	1	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.04*	–	-
*China, Zhongshan City	3	**0.2**	*0.10*	0.01	*0.00*	4	**0.2**	*0.08*	0.01	*0.01*
*India, Bangalore	18	**0.2**	*0.06*	0.01	*0.00*	10	**0.1**	*0.05*	0.02	*0.01*
*India; Barshi, Paranda, and Bhum	7	**0.6**	*0.23*	0.03	*0.01*	3	**0.3**	*0.16*	0.01	*0.01*
*India, Bhopal	5	**0.2**	*0.10*	0.02	*0.01*	5	**0.2**	*0.09*	0.01	*0.01*
*India, Chennai	48	**0.6**	*0.10*	0.04	*0.01*	28	**0.4**	*0.07*	0.03	*0.01*
*India, Dindigul, Ambilikkai	3	**0.1**	*0.04*	0.00	*0.00*	4	**0.1**	*0.05*	0.01	*0.00*
*India, Karunagappally	1	**0.1**	*0.14*	0.01	*0.01*	1	**0.1**	*0.14*	0.01	*0.01*
*India, Mizoram	9	**0.5**	*0.15*	0.04	*0.02*	6	**0.3**	*0.13*	0.01	*0.00*
*India, Mumbai	32	**0.1**	*0.02*	0.01	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
*India, New Delhi	113	**0.3**	*0.03*	0.02	*0.00*	54	**0.2**	*0.03*	0.01	*0.00*
*India, Poona	6	**0.1**	*0.03*	0.00	*0.00*	10	**0.1**	*0.04*	0.01	*0.00*
*India, Sikkim State	1	**0.1**	*0.06*	0.00	*0.00*	2	**0.2**	*0.16*	0.02	*0.02*
*India, Trivandrum	2	**0.2**	*0.12*	0.01	*0.01*	1	**0.1**	*0.07*	0.00	*0.00*
*Iran (Islamic Republic of), Golestan Province	6	**0.4**	*0.15*	0.05	*0.02*	3	**0.2**	*0.09*	0.01	*0.01*
Israel	91	**0.5**	*0.06*	0.05	*0.01*	74	**0.4**	*0.04*	0.03	*0.01*
*Israel: Jews	86	**0.6**	*0.06*	0.06	*0.01*	70	**0.4**	*0.05*	0.04	*0.01*
*Israel: Non–Jews	5	**0.2**	*0.09*	0.01	*0.00*	4	**0.1**	*0.06*	0.01	*0.00*
Japan, Aichi Prefecture	13	**0.4**	*0.13*	0.03	*0.01*	8	**0.2**	*0.10*	0.01	*0.01*
Japan, Fukui Prefecture	3	**0.1**	*0.09*	0.01	*0.01*	0	**-**	-	–	-
Japan, Hiroshima	8	**0.3**	*0.15*	0.02	*0.01*	1	**0.0**	*0.01*	–	-
Japan, Miyagi Prefecture	10	**0.1**	*0.05*	0.01	*0.00*	9	**0.2**	*0.09*	0.01	*0.00*
Japan, Nagasaki Prefecture	9	**0.2**	*0.08*	0.01	*0.00*	5	**0.2**	*0.11*	0.01	*0.01*
Japan, Niigata Prefecture	11	**0.3**	*0.12*	0.02	*0.01*	11	**0.3**	*0.12*	0.02	*0.01*
*Japan, Osaka Prefecture	24	**0.1**	*0.03*	0.01	*0.00*	31	**0.2**	*0.05*	0.01	*0.00*
Japan, Saga Prefecture	3	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
Republic of Korea	272	**0.3**	*0.02*	0.02	*0.00*	243	**0.3**	*0.02*	0.02	*0.00*
Republic of Korea, Busan	16	**0.3**	*0.09*	0.02	*0.01*	10	**0.2**	*0.06*	0.01	*0.00*
Republic of Korea, Daegu	13	**0.3**	*0.10*	0.02	*0.01*	11	**0.2**	*0.07*	0.02	*0.01*
Republic of Korea, Daejeon	9	**0.3**	*0.13*	0.02	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
Republic of Korea, Gwangju	4	**0.1**	*0.06*	0.02	*0.01*	6	**0.3**	*0.13*	0.01	*0.01*
Republic of Korea, Incheon	8	**0.2**	*0.06*	0.01	*0.00*	17	**0.4**	*0.12*	0.03	*0.01*
Republic of Korea, Jejudo	1	**0.1**	*0.06*	0.01	*0.01*	2	**0.2**	*0.20*	0.01	*0.01*
Republic of Korea, Seoul	60	**0.3**	*0.05*	0.02	*0.00*	60	**0.3**	*0.04*	0.02	*0.00*
Republic of Korea, Ulsan	5	**0.4**	*0.16*	0.02	*0.01*	4	**0.2**	*0.10*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Eye (C69) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	3	**0.0**	*0.02*	0.00	*0.00*	5	**0.1**	*0.04*	0.00	*0.00*
*Kuwait: Kuwaitis	0	**-**	-	–	-	1	**0.0**	*0.03*	0.00	*0.00*
*Kuwait: Non–Kuwaitis	3	**0.1**	*0.05*	0.00	*0.00*	4	**0.2**	*0.09*	0.01	*0.00*
*Malaysia, Penang	2	**0.1**	*0.07*	0.00	*0.00*	6	**0.2**	*0.10*	0.02	*0.01*
*Malaysia, Penang: Chinese	2	**0.2**	*0.16*	0.01	*0.01*	3	**0.3**	*0.18*	0.03	*0.02*
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	0	**-**	-	–	-	3	**0.2**	*0.13*	0.01	*0.01*
*Philippines, Manila	48	**0.4**	*0.07*	0.02	*0.01*	51	**0.4**	*0.06*	0.03	*0.01*
*Philippines, Rizal	65	**0.4**	*0.06*	0.03	*0.01*	52	**0.4**	*0.06*	0.03	*0.01*
Qatar: Qatari	0	**-**	-	–	-	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	26	**0.4**	*0.08*	0.03	*0.01*	19	**0.2**	*0.06*	0.01	*0.00*
Singapore	19	**0.3**	*0.08*	0.02	*0.00*	16	**0.2**	*0.07*	0.02	*0.00*
Singapore: Chinese	16	**0.4**	*0.10*	0.02	*0.01*	15	**0.3**	*0.10*	0.02	*0.01*
Singapore: Indian	0	**-**	-	–	-	0	**-**	-	–	-
Singapore: Malay	2	**0.2**	*0.15*	0.01	*0.01*	0	**-**	-	–	-
Thailand, Bangkok	32	**0.2**	*0.04*	0.03	*0.01*	29	**0.2**	*0.03*	0.02	*0.00*
Thailand, Chiang Mai	13	**0.3**	*0.11*	0.03	*0.01*	10	**0.3**	*0.10*	0.01	*0.01*
Thailand, Chonburi	7	**0.3**	*0.11*	0.03	*0.01*	6	**0.1**	*0.06*	0.01	*0.00*
*Thailand, Khon Kaen	16	**0.5**	*0.12*	0.03	*0.01*	14	**0.4**	*0.12*	0.02	*0.01*
Thailand, Lampang	4	**0.3**	*0.16*	0.01	*0.01*	3	**0.1**	*0.06*	0.01	*0.01*
*Thailand, Songkhla	15	**0.6**	*0.15*	0.04	*0.01*	7	**0.3**	*0.12*	0.02	*0.01*
*Turkey, Antalya	12	**0.4**	*0.11*	0.03	*0.01*	6	**0.2**	*0.07*	0.01	*0.01*
*Turkey, Edirne	2	**0.2**	*0.12*	0.04	*0.03*	4	**0.4**	*0.19*	0.03	*0.02*
*Turkey, Izmir	33	**0.4**	*0.07*	0.04	*0.01*	25	**0.2**	*0.05*	0.02	*0.01*
*Turkey, Trabzon	3	**0.3**	*0.18*	0.03	*0.02*	1	**0.0**	*0.05*	–	-
Europe										
Austria	215	**0.7**	*0.05*	0.08	*0.01*	200	**0.6**	*0.05*	0.06	*0.01*
Austria, Tyrol	21	**0.8**	*0.17*	0.10	*0.03*	9	**0.4**	*0.15*	0.03	*0.01*
Austria, Vorarlberg	6	**0.4**	*0.18*	0.07	*0.03*	11	**0.7**	*0.23*	0.10	*0.03*
*Belarus	228	**0.9**	*0.07*	0.09	*0.01*	315	**0.9**	*0.07*	0.09	*0.01*
*Belgium	184	**0.7**	*0.06*	0.06	*0.01*	166	**0.6**	*0.05*	0.06	*0.00*
Bulgaria	123	**0.5**	*0.05*	0.05	*0.00*	110	**0.4**	*0.06*	0.04	*0.00*
Croatia	79	**0.6**	*0.08*	0.06	*0.01*	76	**0.4**	*0.06*	0.04	*0.01*
Cyprus	8	**0.4**	*0.17*	0.03	*0.01*	9	**0.3**	*0.11*	0.03	*0.01*
Czech Republic	219	**0.7**	*0.05*	0.07	*0.01*	247	**0.6**	*0.05*	0.06	*0.00*
Denmark	227	**1.3**	*0.10*	0.12	*0.01*	215	**1.0**	*0.08*	0.10	*0.01*
*Estonia	17	**0.4**	*0.11*	0.05	*0.01*	16	**0.3**	*0.10*	0.03	*0.01*
Finland	118	**0.7**	*0.07*	0.07	*0.01*	146	**0.7**	*0.07*	0.06	*0.01*
*France, Bas–Rhin	24	**0.6**	*0.13*	0.08	*0.02*	26	**0.7**	*0.16*	0.07	*0.02*
*France, Calvados	14	**0.7**	*0.22*	0.06	*0.02*	14	**0.5**	*0.17*	0.06	*0.02*
*France, Doubs	19	**1.0**	*0.23*	0.12	*0.03*	18	**1.0**	*0.28*	0.09	*0.02*
*France, Haut–Rhin	14	**0.7**	*0.23*	0.05	*0.02*	12	**0.6**	*0.20*	0.05	*0.02*
*France, Hérault	23	**0.6**	*0.16*	0.07	*0.02*	20	**0.7**	*0.19*	0.06	*0.01*
*France, Isère	33	**0.9**	*0.16*	0.08	*0.02*	40	**1.0**	*0.18*	0.10	*0.02*
*France, Loire–Atlantique	29	**0.8**	*0.18*	0.07	*0.02*	16	**0.3**	*0.10*	0.02	*0.01*
*France, Manche	7	**0.5**	*0.21*	0.03	*0.02*	6	**0.4**	*0.21*	0.03	*0.02*
*France, Somme	17	**0.8**	*0.25*	0.07	*0.02*	14	**0.7**	*0.24*	0.06	*0.02*
*France, Tarn	9	**0.4**	*0.17*	0.06	*0.02*	7	**0.3**	*0.16*	0.03	*0.02*
*France, Vendée	10	**0.4**	*0.14*	0.05	*0.02*	8	**0.5**	*0.21*	0.03	*0.01*
Germany, Brandenburg	77	**0.8**	*0.11*	0.08	*0.01*	82	**0.7**	*0.10*	0.08	*0.01*
Germany, Bremen	11	**0.5**	*0.17*	0.05	*0.02*	11	**0.4**	*0.20*	0.05	*0.02*
Germany, Free State of Saxony	127	**0.7**	*0.08*	0.07	*0.01*	112	**0.6**	*0.09*	0.06	*0.01*
Germany, Hamburg	51	**0.8**	*0.14*	0.09	*0.01*	53	**0.6**	*0.09*	0.07	*0.01*
Germany, Mecklenburg–Western Pomerania	44	**0.7**	*0.15*	0.07	*0.01*	51	**0.8**	*0.16*	0.07	*0.01*
Germany, Munich	97	**0.7**	*0.08*	0.07	*0.01*	123	**0.7**	*0.09*	0.07	*0.01*
Germany, North Rhine–Westphalia	63	**0.7**	*0.10*	0.07	*0.01*	81	**0.9**	*0.13*	0.09	*0.01*
Germany, Saarland	22	**0.6**	*0.19*	0.06	*0.02*	22	**0.8**	*0.26*	0.06	*0.02*
Germany, Schleswig–Holstein	79	**0.8**	*0.11*	0.08	*0.01*	77	**0.6**	*0.10*	0.06	*0.01*
Iceland	9	**0.9**	*0.32*	0.10	*0.04*	5	**0.5**	*0.25*	0.05	*0.03*
Ireland	114	**1.0**	*0.09*	0.10	*0.01*	98	**0.7**	*0.08*	0.08	*0.01*
Italy, Biella	2	**0.2**	*0.12*	0.04	*0.03*	3	**0.3**	*0.19*	0.03	*0.02*
Italy, Brescia	10	**0.2**	*0.08*	0.04	*0.02*	11	**0.2**	*0.08*	0.02	*0.01*
Italy, Catania and Messina	17	**0.6**	*0.19*	0.06	*0.01*	21	**0.7**	*0.18*	0.05	*0.01*
Italy, Catanzaro	5	**0.5**	*0.23*	0.04	*0.02*	4	**0.6**	*0.40*	0.04	*0.03*
Italy, Como	6	**0.2**	*0.10*	0.04	*0.02*	9	**0.4**	*0.21*	0.03	*0.01*
Italy, Ferrara	7	**0.3**	*0.12*	0.03	*0.01*	12	**0.5**	*0.17*	0.06	*0.02*
Italy, Florence and Prato	20	**0.9**	*0.25*	0.09	*0.02*	21	**0.7**	*0.20*	0.06	*0.02*
Italy, Friuli–Venezia Giulia	18	**0.5**	*0.17*	0.04	*0.01*	20	**0.3**	*0.12*	0.03	*0.01*
Italy, Genoa	27	**1.0**	*0.30*	0.09	*0.02*	23	**1.1**	*0.32*	0.08	*0.02*
Italy, Latina	16	**1.1**	*0.34*	0.10	*0.03*	10	**0.3**	*0.12*	0.02	*0.01*
Italy, Lecco	9	**0.7**	*0.23*	0.08	*0.03*	4	**0.2**	*0.10*	0.01	*0.01*
Italy, Lombardy, South	8	**0.4**	*0.14*	0.05	*0.02*	16	**0.5**	*0.17*	0.04	*0.02*
Italy, Mantua	5	**1.0**	*0.56*	0.07	*0.03*	8	**1.2**	*0.57*	0.10	*0.04*
Italy, Milan	19	**0.5**	*0.15*	0.05	*0.01*	27	**0.6**	*0.21*	0.05	*0.01*
Italy, Modena	9	**0.3**	*0.11*	0.04	*0.01*	10	**0.4**	*0.18*	0.04	*0.01*
Italy, Naples	17	**1.3**	*0.34*	0.11	*0.03*	15	**0.9**	*0.26*	0.07	*0.02*
Italy, Nuoro	3	**0.4**	*0.25*	0.04	*0.02*	3	**0.7**	*0.50*	0.05	*0.03*
Italy, Palermo	12	**0.4**	*0.13*	0.04	*0.01*	19	**0.6**	*0.17*	0.05	*0.01*
Italy, Parma	6	**0.4**	*0.18*	0.05	*0.02*	6	**0.5**	*0.30*	0.04	*0.02*
Italy, Ragusa	4	**0.4**	*0.20*	0.04	*0.02*	5	**0.6**	*0.36*	0.06	*0.03*
Italy, Reggio Emilia	12	**0.6**	*0.19*	0.07	*0.02*	11	**0.5**	*0.16*	0.06	*0.02*
Italy, Romagna	47	**1.2**	*0.22*	0.12	*0.02*	33	**0.7**	*0.17*	0.06	*0.01*
Italy, Salerno	18	**0.8**	*0.22*	0.05	*0.01*	22	**1.0**	*0.26*	0.06	*0.01*
Italy, Sassari	9	**0.5**	*0.17*	0.06	*0.02*	9	**0.7**	*0.30*	0.05	*0.02*
Italy, Sondrio	4	**0.6**	*0.29*	0.07	*0.04*	6	**1.2**	*0.65*	0.13	*0.05*
Italy, South Tyrol	7	**0.5**	*0.20*	0.05	*0.02*	12	**0.9**	*0.31*	0.07	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Eye (C69) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	9	**0.6**	*0.20*	0.06	*0.02*	7	**0.5**	*0.21*	0.05	*0.02*
Italy, Trapani	3	**0.3**	*0.18*	0.03	*0.02*	3	**0.4**	*0.26*	0.02	*0.01*
Italy, Trento	9	**0.6**	*0.27*	0.05	*0.02*	7	**0.5**	*0.18*	0.05	*0.02*
Italy, Turin	17	**0.3**	*0.09*	0.04	*0.01*	20	**0.5**	*0.17*	0.05	*0.01*
Italy, Umbria	17	**0.5**	*0.17*	0.05	*0.01*	21	**0.5**	*0.13*	0.04	*0.01*
Italy, Varese	18	**0.6**	*0.17*	0.04	*0.01*	16	**0.6**	*0.23*	0.04	*0.01*
Italy, Veneto	48	**0.7**	*0.12*	0.07	*0.01*	44	**0.5**	*0.09*	0.06	*0.01*
Latvia	36	**0.6**	*0.10*	0.08	*0.01*	52	**0.6**	*0.10*	0.07	*0.01*
Lithuania	80	**0.8**	*0.09*	0.09	*0.01*	106	**0.7**	*0.08*	0.08	*0.01*
Malta	7	**0.6**	*0.29*	0.06	*0.03*	2	**0.1**	*0.09*	0.01	*0.01*
*The Netherlands	540	**1.0**	*0.05*	0.11	*0.01*	459	**0.8**	*0.04*	0.08	*0.00*
*The Netherlands, Eindhoven	38	**1.3**	*0.24*	0.12	*0.02*	25	**0.6**	*0.14*	0.05	*0.01*
Norway	163	**1.0**	*0.09*	0.11	*0.01*	153	**0.9**	*0.08*	0.09	*0.01*
Poland, Cracow	15	**0.8**	*0.21*	0.09	*0.02*	12	**0.4**	*0.13*	0.05	*0.02*
Poland, Kielce	18	**0.4**	*0.12*	0.04	*0.01*	21	**0.5**	*0.13*	0.05	*0.01*
Poland, Lower Silesia	39	**0.4**	*0.07*	0.05	*0.01*	44	**0.5**	*0.10*	0.05	*0.01*
Poland, Podkarpackie	37	**0.7**	*0.13*	0.06	*0.01*	36	**0.5**	*0.09*	0.05	*0.01*
Portugal, Azores	2	**0.2**	*0.19*	0.02	*0.02*	2	**0.3**	*0.22*	0.03	*0.02*
Russian Federation, Saint Petersburg	70	**0.6**	*0.09*	0.06	*0.01*	96	**0.6**	*0.08*	0.05	*0.01*
*Serbia, Central	183	**1.0**	*0.09*	0.10	*0.01*	148	**0.8**	*0.09*	0.07	*0.01*
Slovakia	139	**0.9**	*0.08*	0.10	*0.01*	151	**0.8**	*0.07*	0.08	*0.01*
Slovenia	55	**0.9**	*0.15*	0.10	*0.01*	51	**0.7**	*0.11*	0.06	*0.01*
Spain, Albacete	9	**0.3**	*0.13*	0.02	*0.01*	4	**0.5**	*0.26*	0.04	*0.02*
Spain, Asturias	18	**0.5**	*0.16*	0.05	*0.01*	16	**0.3**	*0.14*	0.04	*0.01*
Spain, Basque Country	39	**0.5**	*0.10*	0.05	*0.01*	44	**0.4**	*0.09*	0.04	*0.01*
Spain, Canary Islands	13	**0.3**	*0.08*	0.03	*0.01*	11	**0.4**	*0.14*	0.03	*0.01*
Spain, Ciudad Real	5	**0.2**	*0.12*	0.03	*0.02*	5	**0.3**	*0.16*	0.05	*0.02*
Spain, Cuenca	2	**0.1**	*0.05*	–	-	2	**0.1**	*0.06*	0.01	*0.01*
Spain, Girona	10	**0.6**	*0.22*	0.04	*0.02*	6	**0.2**	*0.09*	0.02	*0.01*
*Spain, Granada	15	**0.6**	*0.18*	0.04	*0.01*	8	**0.1**	*0.05*	0.01	*0.01*
Spain, La Rioja	7	**0.9**	*0.39*	0.07	*0.03*	5	**0.2**	*0.12*	0.04	*0.02*
Spain, Mallorca	8	**0.3**	*0.13*	0.02	*0.01*	12	**0.4**	*0.14*	0.04	*0.01*
Spain, Murcia	19	**0.5**	*0.14*	0.05	*0.01*	22	**0.7**	*0.15*	0.05	*0.01*
Spain, Navarra	16	**0.8**	*0.24*	0.09	*0.03*	12	**0.6**	*0.22*	0.05	*0.02*
Spain, Tarragona	14	**0.6**	*0.18*	0.05	*0.02*	16	**0.7**	*0.20*	0.07	*0.02*
*Sweden	299	**0.9**	*0.06*	0.09	*0.01*	297	**0.9**	*0.07*	0.09	*0.01*
Switzerland, Basel	10	**0.6**	*0.25*	0.05	*0.02*	6	**0.5**	*0.29*	0.04	*0.02*
Switzerland, Geneva	12	**0.9**	*0.30*	0.08	*0.03*	6	**0.4**	*0.23*	0.02	*0.01*
Switzerland, Graubünden and Glarus	5	**0.8**	*0.50*	0.08	*0.04*	3	**0.2**	*0.14*	0.04	*0.03*
Switzerland, Neuchâtel	7	**1.4**	*0.64*	0.18	*0.07*	1	**0.1**	*0.10*	0.03	*0.03*
Switzerland, St Gall–Appenzell	17	**1.0**	*0.27*	0.12	*0.03*	6	**0.3**	*0.14*	0.04	*0.02*
Switzerland, Ticino	5	**0.4**	*0.16*	0.06	*0.03*	3	**0.1**	*0.04*	–	-
Switzerland, Valais	11	**1.2**	*0.43*	0.12	*0.04*	6	**1.0**	*0.49*	0.07	*0.03*
Switzerland, Vaud	11	**0.4**	*0.13*	0.06	*0.02*	12	**0.5**	*0.20*	0.04	*0.02*
Switzerland, Zurich	41	**1.0**	*0.20*	0.10	*0.02*	40	**0.7**	*0.14*	0.09	*0.02*
Ukraine	700	**0.6**	*0.03*	0.06	*0.00*	785	**0.5**	*0.02*	0.05	*0.00*
UK, England	1053	**0.6**	*0.02*	0.06	*0.00*	965	**0.6**	*0.02*	0.05	*0.00*
UK, England, East of England Region	119	**0.6**	*0.06*	0.07	*0.01*	108	**0.5**	*0.07*	0.05	*0.01*
UK, England, North Western	147	**0.7**	*0.07*	0.07	*0.01*	140	**0.7**	*0.07*	0.06	*0.01*
UK, England, Northern and Yorkshire	122	**0.6**	*0.06*	0.06	*0.01*	116	**0.5**	*0.06*	0.05	*0.00*
UK, England, Oxford Region	60	**0.7**	*0.11*	0.07	*0.01*	39	**0.4**	*0.08*	0.04	*0.01*
UK, England, South and Western Regions	186	**0.7**	*0.06*	0.07	*0.01*	182	**0.7**	*0.07*	0.06	*0.01*
UK, England, Thames	240	**0.6**	*0.05*	0.06	*0.01*	197	**0.5**	*0.04*	0.05	*0.00*
UK, England, Trent	67	**0.7**	*0.10*	0.07	*0.01*	52	**0.5**	*0.09*	0.04	*0.01*
UK, England, West Midlands	76	**0.5**	*0.06*	0.04	*0.01*	81	**0.5**	*0.07*	0.04	*0.01*
UK, Northern Ireland	24	**0.5**	*0.11*	0.05	*0.01*	24	**0.4**	*0.12*	0.03	*0.01*
UK, Scotland	145	**0.9**	*0.08*	0.09	*0.01*	143	**0.7**	*0.08*	0.07	*0.01*
UK, Wales	118	**1.2**	*0.12*	0.12	*0.01*	98	**1.0**	*0.13*	0.09	*0.01*
Oceania										
Australian Capital Territory	15	**1.5**	*0.38*	0.17	*0.05*	10	**1.1**	*0.37*	0.13	*0.05*
Australia, New South Wales	262	**1.1**	*0.07*	0.11	*0.01*	196	**0.8**	*0.06*	0.08	*0.01*
Australia, Northern Territory	5	**1.4**	*0.70*	0.10	*0.05*	4	**0.8**	*0.42*	0.06	*0.04*
Australia, Northern Territory: Indigenous	1	**2.1**	*2.09*	0.35	*0.35*	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	4	**1.6**	*0.87*	0.07	*0.04*	4	**1.0**	*0.53*	0.08	*0.05*
Australia, Queensland	172	**1.4**	*0.11*	0.14	*0.01*	130	**0.9**	*0.09*	0.10	*0.01*
South Australia	56	**1.0**	*0.14*	0.11	*0.02*	51	**0.9**	*0.14*	0.09	*0.01*
Australia, Tasmania	19	**1.1**	*0.26*	0.12	*0.03*	5	**0.3**	*0.12*	0.03	*0.01*
Australia, Victoria	173	**1.0**	*0.09*	0.10	*0.01*	138	**0.7**	*0.07*	0.08	*0.01*
Western Australia	87	**1.5**	*0.17*	0.13	*0.02*	46	**0.8**	*0.13*	0.07	*0.01*
New Zealand	159	**1.3**	*0.11*	0.12	*0.01*	111	**0.8**	*0.09*	0.07	*0.01*
New Zealand: Maori	9	**0.6**	*0.20*	0.04	*0.01*	7	**0.5**	*0.19*	0.04	*0.02*
New Zealand: Pacific Islander	5	**0.9**	*0.39*	0.05	*0.02*	1	**0.2**	*0.19*	0.02	*0.02*
New Zealand: Other	145	**1.2**	*0.11*	0.12	*0.01*	103	**0.9**	*0.11*	0.08	*0.01*
USA, Hawaii	19	**0.5**	*0.11*	0.04	*0.01*	13	**0.3**	*0.09*	0.02	*0.01*
*USA, Hawaii: Chinese	0	**-**	-	–	-	1	**0.1**	*0.13*	–	-
*USA, Hawaii: Filipino	1	**0.2**	*0.24*	0.04	*0.04*	2	**0.3**	*0.22*	0.03	*0.03*
*USA, Hawaii: Hawaiian	0	**-**	-	–	-	2	**0.3**	*0.23*	0.03	*0.03*
*USA, Hawaii: Japanese	3	**0.2**	*0.15*	0.02	*0.01*	5	**0.3**	*0.21*	0.03	*0.02*
*USA, Hawaii: White	10	**0.8**	*0.25*	0.08	*0.03*	3	**0.2**	*0.14*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Brain, nervous system (C70-72)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	66	**2.6**	*0.35*	–	-	49	**1.5**	*0.23*	–	-
Egypt, Gharbiah	371	**4.3**	*0.23*	0.43	*0.03*	275	**3.2**	*0.20*	0.30	*0.02*
*Libya, Benghazi	87	**5.2**	*0.62*	0.62	*0.09*	50	**3.0**	*0.46*	0.32	*0.07*
*Malawi, Blantyre	4	**0.1**	*0.07*	0.01	*0.00*	3	**0.3**	*0.19*	0.02	*0.02*
*South Africa, PROMEC	9	**0.3**	*0.13*	0.02	*0.01*	5	**0.2**	*0.09*	0.02	*0.01*
*Tunisia, North	184	**2.7**	*0.20*	0.25	*0.02*	134	**1.9**	*0.17*	0.18	*0.02*
*Uganda, Kyadondo County	37	**1.9**	*0.43*	0.20	*0.06*	17	**0.9**	*0.28*	0.10	*0.04*
*Zimbabwe, Harare: African	37	**1.6**	*0.33*	0.16	*0.05*	38	**3.2**	*0.65*	0.34	*0.09*
America, Central and South										
Argentina, Bahía Blanca	39	**4.9**	*0.82*	0.53	*0.10*	53	**5.4**	*0.88*	0.46	*0.08*
Argentina, Córdoba	181	**7.1**	*0.54*	0.70	*0.06*	182	**5.6**	*0.44*	0.56	*0.05*
Argentina, Mendoza	203	**5.0**	*0.36*	0.47	*0.04*	189	**4.0**	*0.30*	0.41	*0.03*
*Argentina, Tierra del Fuego	6	**2.4**	*1.03*	0.13	*0.06*	7	**3.5**	*1.42*	0.44	*0.20*
Brazil, Aracaju	42	**6.0**	*0.97*	0.60	*0.13*	38	**3.8**	*0.64*	0.33	*0.07*
Brazil, Belo Horizonte	174	**5.7**	*0.45*	0.54	*0.05*	173	**4.6**	*0.36*	0.50	*0.05*
Brazil, Cuiabá	61	**5.9**	*0.81*	0.57	*0.10*	75	**6.3**	*0.77*	0.57	*0.09*
Brazil, Fortaleza	165	**4.6**	*0.38*	0.49	*0.05*	170	**3.8**	*0.30*	0.37	*0.04*
Brazil, Goiânia	247	**10.5**	*0.70*	1.15	*0.10*	172	**6.0**	*0.47*	0.66	*0.06*
*Brazil, São Paulo	1411	**6.1**	*0.17*	0.61	*0.02*	1343	**4.6**	*0.13*	0.43	*0.01*
Chile, Region of Antofagasta	21	**1.7**	*0.39*	0.11	*0.03*	23	**1.9**	*0.40*	0.20	*0.05*
Chile, Bío Bío Province	41	**4.6**	*0.73*	0.46	*0.08*	34	**3.6**	*0.63*	0.36	*0.07*
Chile, Valdivia	37	**3.9**	*0.65*	0.46	*0.09*	33	**3.3**	*0.60*	0.37	*0.07*
Colombia, Bucaramanga	133	**5.9**	*0.52*	0.64	*0.07*	109	**4.1**	*0.40*	0.43	*0.05*
Colombia, Cali	254	**5.8**	*0.37*	0.60	*0.05*	240	**4.4**	*0.29*	0.45	*0.04*
Colombia, Manizales	35	**3.8**	*0.65*	0.32	*0.06*	23	**2.2**	*0.47*	0.23	*0.05*
Colombia, Pasto	44	**5.0**	*0.78*	0.51	*0.10*	27	**2.8**	*0.54*	0.27	*0.06*
Costa Rica	359	**3.7**	*0.20*	0.36	*0.02*	260	**2.6**	*0.17*	0.26	*0.02*
Cuba, Villa Clara	106	**5.1**	*0.55*	0.53	*0.06*	83	**3.7**	*0.43*	0.39	*0.05*
Ecuador, Cuenca	35	**3.9**	*0.69*	0.41	*0.09*	28	**2.2**	*0.43*	0.20	*0.05*
Ecuador, Quito	141	**4.3**	*0.37*	0.43	*0.05*	142	**3.9**	*0.34*	0.35	*0.04*
*France, Martinique	33	**2.8**	*0.51*	0.34	*0.06*	27	**2.1**	*0.46*	0.23	*0.05*
*Jamaica, Kingston and St Andrew	16	**1.1**	*0.27*	0.09	*0.03*	28	**1.9**	*0.36*	0.17	*0.04*
USA, Puerto Rico	396	**3.7**	*0.20*	0.36	*0.02*	372	**3.0**	*0.17*	0.28	*0.02*
Uruguay	346	**6.2**	*0.34*	0.65	*0.04*	276	**4.0**	*0.27*	0.40	*0.03*
America, North										
Canada	6827	**6.7**	*0.09*	0.68	*0.01*	5278	**4.8**	*0.08*	0.46	*0.01*
Canada, Alberta	609	**6.3**	*0.27*	0.63	*0.03*	419	**4.2**	*0.22*	0.41	*0.02*
Canada, British Columbia	817	**5.9**	*0.23*	0.58	*0.02*	591	**4.2**	*0.21*	0.39	*0.02*
Canada, Manitoba	197	**5.6**	*0.43*	0.53	*0.04*	166	**4.2**	*0.37*	0.42	*0.04*
Canada, New Brunswick	169	**6.6**	*0.56*	0.68	*0.06*	144	**5.2**	*0.53*	0.49	*0.05*
Canada, Newfoundland and Labrador	116	**7.0**	*0.74*	0.76	*0.08*	77	**4.4**	*0.57*	0.41	*0.05*
*Canada, Northwest Territories	4	**2.9**	*1.45*	0.25	*0.13*	4	**4.5**	*2.33*	0.37	*0.22*
Canada, Nova Scotia	206	**6.7**	*0.51*	0.68	*0.05*	157	**4.3**	*0.41*	0.43	*0.04*
Canada, Ontario	2626	**6.7**	*0.14*	0.69	*0.02*	2074	**4.9**	*0.12*	0.47	*0.01*
Canada, Prince Edward Island	36	**7.7**	*1.35*	0.88	*0.16*	24	**4.8**	*1.07*	0.48	*0.12*
*Canada, Quebec	1857	**7.6**	*0.20*	0.75	*0.02*	1467	**5.4**	*0.17*	0.52	*0.02*
Canada, Saskatchewan	186	**5.9**	*0.47*	0.60	*0.05*	155	**4.4**	*0.41*	0.44	*0.04*
*Canada, Yukon	4	**5.6**	*3.15*	0.49	*0.27*	0	**-**	-	–	-
USA, NPCR (42 states)	49084	**6.3**	*0.03*	0.62	*0.00*	40862	**4.8**	*0.03*	0.45	*0.00*
USA, NPCR (42 states): American Indian	221	**3.2**	*0.22*	0.28	*0.02*	191	**2.6**	*0.19*	0.23	*0.02*
USA, NPCR (42 states): Asian and Pacific Islander	795	**2.7**	*0.10*	0.24	*0.01*	737	**2.2**	*0.09*	0.20	*0.01*
USA, NPCR (42 states): Black	3225	**3.9**	*0.07*	0.38	*0.01*	3076	**3.1**	*0.06*	0.28	*0.01*
USA, NPCR (42 states): White	44121	**6.8**	*0.03*	0.66	*0.00*	36272	**5.1**	*0.03*	0.48	*0.00*
USA, SEER (9 registries)	5009	**6.2**	*0.09*	0.61	*0.01*	4096	**4.6**	*0.08*	0.44	*0.01*
*USA, SEER (9 registries): Black	302	**3.8**	*0.22*	0.37	*0.03*	315	**3.2**	*0.19*	0.30	*0.02*
*USA, SEER (9 registries): White	4408	**6.9**	*0.11*	0.68	*0.01*	3479	**5.0**	*0.10*	0.48	*0.01*
USA, SEER (18 registries)	14448	**6.1**	*0.05*	0.60	*0.01*	11783	**4.6**	*0.05*	0.43	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	653	**3.4**	*0.14*	0.31	*0.01*	594	**2.8**	*0.12*	0.25	*0.01*
*USA, SEER (18 registries): Black	874	**3.8**	*0.13*	0.37	*0.02*	855	**3.1**	*0.11*	0.28	*0.01*
*USA, SEER (18 registries): Hispanic White	1720	**5.0**	*0.13*	0.48	*0.02*	1440	**4.0**	*0.11*	0.37	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	11047	**7.2**	*0.08*	0.70	*0.01*	8765	**5.3**	*0.07*	0.50	*0.01*
*USA, SEER (18 registries): White	12767	**6.7**	*0.06*	0.66	*0.01*	10205	**5.0**	*0.05*	0.47	*0.01*
USA, Alabama	824	**6.1**	*0.22*	0.60	*0.02*	713	**4.8**	*0.20*	0.44	*0.02*
USA, Alabama: Black	110	**3.9**	*0.38*	0.36	*0.04*	87	**2.4**	*0.28*	0.18	*0.02*
USA, Alabama: White	710	**6.7**	*0.27*	0.67	*0.03*	620	**5.6**	*0.26*	0.52	*0.02*
USA, Alaska	88	**4.7**	*0.52*	0.46	*0.06*	87	**4.9**	*0.55*	0.47	*0.06*
*USA, Alaska: American Indian	7	**2.6**	*1.00*	0.22	*0.09*	17	**6.4**	*1.57*	0.53	*0.14*
USA, Arizona	1080	**6.1**	*0.20*	0.60	*0.02*	897	**4.9**	*0.18*	0.44	*0.02*
USA, Arizona: American Indian	28	**3.9**	*0.76*	0.35	*0.09*	21	**2.6**	*0.58*	0.26	*0.07*
USA, Arizona: Asian and Pacific Islander	17	**5.2**	*1.30*	0.51	*0.15*	6	**1.4**	*0.61*	0.09	*0.04*
USA, Arizona: Black	9	**1.7**	*0.59*	0.19	*0.07*	19	**3.2**	*0.74*	0.23	*0.07*
USA, Arizona: White	1020	**6.4**	*0.21*	0.62	*0.02*	846	**5.1**	*0.20*	0.46	*0.02*
USA, Arkansas	525	**6.1**	*0.28*	0.61	*0.03*	444	**4.9**	*0.26*	0.48	*0.03*
USA, Arkansas: Black	53	**4.9**	*0.69*	0.44	*0.08*	44	**3.8**	*0.60*	0.35	*0.07*
USA, Arkansas: White	463	**6.2**	*0.31*	0.62	*0.03*	394	**5.0**	*0.29*	0.50	*0.03*
USA, California	5948	**5.9**	*0.08*	0.58	*0.01*	4719	**4.4**	*0.07*	0.41	*0.01*
USA, California: American Indian	20	**1.7**	*0.39*	0.19	*0.06*	10	**1.0**	*0.32*	0.09	*0.04*
USA, California: Asian and Pacific Islander	386	**3.2**	*0.17*	0.29	*0.02*	330	**2.4**	*0.14*	0.21	*0.01*
USA, California: Black	235	**3.7**	*0.25*	0.39	*0.03*	203	**2.9**	*0.21*	0.27	*0.02*
USA, California: White	5236	**6.5**	*0.09*	0.64	*0.01*	4107	**4.8**	*0.08*	0.46	*0.01*
USA, California, Los Angeles County	1434	**5.4**	*0.15*	0.53	*0.02*	1163	**4.0**	*0.13*	0.37	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	124	**3.5**	*0.34*	0.30	*0.03*	103	**2.5**	*0.28*	0.23	*0.03*
*USA, California, Los Angeles County: Black	93	**3.8**	*0.40*	0.37	*0.05*	81	**2.8**	*0.33*	0.24	*0.03*
*USA, California, Los Angeles County: Chinese	41	**3.8**	*0.66*	0.30	*0.06*	27	**1.9**	*0.40*	0.21	*0.05*
*USA, California, Los Angeles County: Filipino	19	**2.2**	*0.51*	0.17	*0.05*	28	**3.0**	*0.66*	0.27	*0.06*
*USA, California, Los Angeles County: Hispanic White	460	**4.9**	*0.24*	0.49	*0.03*	384	**3.8**	*0.20*	0.35	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Brain, nervous system (C70-72) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	16	**6.7**	*2.04*	0.43	*0.12*	9	**2.3**	*1.11*	0.20	*0.08*
*USA, California, Los Angeles County: Korean	15	**2.7**	*0.72*	0.33	*0.10*	15	**2.5**	*0.76*	0.20	*0.06*
*USA, California, Los Angeles County: Non−Hispanic White	747	**7.1**	*0.30*	0.69	*0.03*	591	**5.6**	*0.29*	0.51	*0.03*
*USA, California, Los Angeles County: White	1207	**6.1**	*0.18*	0.60	*0.02*	975	**4.5**	*0.16*	0.43	*0.02*
USA, California, San Francisco Bay Area	732	**5.9**	*0.23*	0.58	*0.03*	567	**4.2**	*0.20*	0.41	*0.02*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	84	**3.1**	*0.37*	0.31	*0.04*	93	**2.9**	*0.34*	0.28	*0.03*
*USA, California, San Francisco Bay Area: Black	45	**4.4**	*0.68*	0.44	*0.08*	42	**3.4**	*0.57*	0.35	*0.06*
*USA, California, San Francisco Bay Area: Hispanic White	87	**5.0**	*0.57*	0.51	*0.08*	70	**4.1**	*0.50*	0.42	*0.06*
*USA, California, San Francisco Bay Area: Non−Hispanic White	507	**7.5**	*0.38*	0.73	*0.04*	356	**5.2**	*0.34*	0.49	*0.03*
*USA, California, San Francisco Bay Area: White	594	**6.9**	*0.30*	0.69	*0.03*	426	**4.8**	*0.27*	0.47	*0.03*
USA, Colorado	803	**6.0**	*0.22*	0.58	*0.02*	678	**4.8**	*0.20*	0.45	*0.02*
USA, Colorado: Asian and Pacific Islander	6	**1.8**	*0.75*	0.06	*0.04*	12	**2.9**	*0.87*	0.21	*0.09*
USA, Colorado: Black	16	**3.1**	*0.80*	0.35	*0.11*	18	**3.5**	*0.85*	0.32	*0.09*
USA, Colorado: White	771	**6.2**	*0.24*	0.60	*0.03*	639	**4.9**	*0.21*	0.46	*0.02*
USA, Connecticut	684	**6.6**	*0.27*	0.64	*0.03*	615	**5.0**	*0.24*	0.48	*0.02*
*USA, Connecticut: Black	27	**3.1**	*0.61*	0.23	*0.05*	24	**2.4**	*0.50*	0.21	*0.05*
*USA, Connecticut: White	641	**6.9**	*0.30*	0.68	*0.03*	578	**5.4**	*0.27*	0.51	*0.03*
USA, Delaware	177	**6.9**	*0.56*	0.69	*0.06*	130	**5.0**	*0.50*	0.48	*0.05*
USA, Delaware: Black	12	**3.1**	*0.91*	0.26	*0.10*	12	**2.5**	*0.73*	0.30	*0.11*
USA, Delaware: White	159	**7.6**	*0.65*	0.77	*0.07*	116	**5.8**	*0.63*	0.54	*0.06*
USA, Florida	3681	**6.4**	*0.12*	0.62	*0.01*	2964	**4.8**	*0.10*	0.44	*0.01*
USA, Florida: Asian and Pacific Islander	25	**2.3**	*0.47*	0.24	*0.06*	15	**1.4**	*0.39*	0.11	*0.04*
USA, Florida: Black	278	**4.2**	*0.26*	0.39	*0.03*	252	**3.4**	*0.22*	0.29	*0.02*
USA, Florida: White	3300	**6.7**	*0.13*	0.65	*0.01*	2646	**5.0**	*0.12*	0.46	*0.01*
USA, Georgia	1404	**5.7**	*0.16*	0.58	*0.02*	1276	**4.7**	*0.14*	0.44	*0.01*
USA, Georgia: Asian and Pacific Islander	8	**1.4**	*0.52*	0.12	*0.05*	17	**2.6**	*0.68*	0.19	*0.05*
USA, Georgia: Black	200	**3.3**	*0.24*	0.30	*0.03*	251	**3.4**	*0.22*	0.28	*0.02*
USA, Georgia: White	1189	**6.7**	*0.20*	0.68	*0.02*	999	**5.3**	*0.18*	0.50	*0.02*
USA, Georgia, Atlanta	428	**5.2**	*0.26*	0.53	*0.03*	375	**4.1**	*0.23*	0.39	*0.03*
*USA, Georgia, Atlanta: Black	92	**3.5**	*0.39*	0.30	*0.04*	102	**3.1**	*0.33*	0.25	*0.03*
*USA, Georgia, Atlanta: White	328	**6.2**	*0.36*	0.65	*0.04*	254	**4.6**	*0.31*	0.47	*0.04*
USA, Idaho	283	**6.9**	*0.42*	0.70	*0.05*	256	**6.0**	*0.41*	0.55	*0.04*
USA, Illinois	2221	**6.1**	*0.14*	0.60	*0.02*	1916	**4.7**	*0.12*	0.45	*0.01*
USA, Illinois: Asian and Pacific Islander	27	**1.9**	*0.37*	0.20	*0.05*	26	**1.6**	*0.33*	0.15	*0.04*
USA, Illinois: Black	173	**3.8**	*0.29*	0.38	*0.04*	168	**2.9**	*0.23*	0.28	*0.03*
USA, Illinois: White	1982	**6.5**	*0.16*	0.64	*0.02*	1688	**5.1**	*0.14*	0.49	*0.01*
USA, Indiana	1189	**6.5**	*0.20*	0.64	*0.02*	1060	**5.2**	*0.18*	0.50	*0.02*
USA, Indiana: Black	52	**3.9**	*0.55*	0.34	*0.06*	44	**3.1**	*0.47*	0.26	*0.05*
USA, Indiana: White	1123	**6.7**	*0.21*	0.67	*0.02*	1005	**5.4**	*0.19*	0.52	*0.02*
USA, Iowa	663	**7.3**	*0.31*	0.72	*0.03*	523	**5.1**	*0.26*	0.48	*0.03*
USA, Kentucky	856	**7.0**	*0.25*	0.68	*0.03*	673	**4.9**	*0.21*	0.46	*0.02*
USA, Louisiana	593	**5.9**	*0.25*	0.57	*0.03*	469	**4.1**	*0.21*	0.38	*0.02*
*USA, Louisiana: Black	121	**4.5**	*0.42*	0.43	*0.05*	98	**3.1**	*0.33*	0.29	*0.03*
*USA, Louisiana: White	469	**6.4**	*0.32*	0.63	*0.03*	368	**4.7**	*0.28*	0.43	*0.03*
*USA, Louisiana, New Orleans	92	**4.4**	*0.48*	0.46	*0.06*	79	**3.7**	*0.47*	0.36	*0.05*
*USA, Louisiana, New Orleans: Black	21	**3.0**	*0.68*	0.33	*0.09*	18	**2.2**	*0.54*	0.22	*0.06*
*USA, Louisiana, New Orleans: White	71	**5.5**	*0.73*	0.56	*0.08*	60	**5.2**	*0.83*	0.46	*0.07*
USA, Maine	329	**7.8**	*0.48*	0.75	*0.05*	237	**4.8**	*0.37*	0.46	*0.04*
USA, Massachusetts	1346	**6.9**	*0.20*	0.67	*0.02*	1129	**5.3**	*0.18*	0.49	*0.02*
USA, Massachusetts: Asian and Pacific Islander	17	**2.4**	*0.60*	0.19	*0.06*	16	**2.2**	*0.58*	0.21	*0.07*
USA, Massachusetts: Black	29	**2.5**	*0.48*	0.23	*0.05*	20	**1.7**	*0.38*	0.17	*0.04*
USA, Massachusetts: White	1287	**7.3**	*0.23*	0.70	*0.02*	1085	**5.7**	*0.21*	0.52	*0.02*
USA, Michigan	1982	**6.6**	*0.16*	0.64	*0.02*	1684	**5.1**	*0.14*	0.48	*0.01*
USA, Michigan: Asian and Pacific Islander	13	**2.4**	*0.68*	0.25	*0.10*	10	**1.5**	*0.49*	0.10	*0.04*
USA, Michigan: Black	147	**4.2**	*0.36*	0.45	*0.05*	171	**4.1**	*0.33*	0.38	*0.04*
USA, Michigan: White	1794	**7.0**	*0.18*	0.67	*0.02*	1473	**5.2**	*0.16*	0.50	*0.02*
USA, Michigan, Detroit	707	**5.9**	*0.24*	0.59	*0.03*	610	**4.5**	*0.21*	0.44	*0.02*
*USA, Michigan, Detroit: Black	99	**4.0**	*0.41*	0.44	*0.05*	114	**3.6**	*0.37*	0.34	*0.04*
*USA, Michigan, Detroit: White	593	**6.6**	*0.30*	0.64	*0.03*	484	**4.9**	*0.25*	0.49	*0.03*
USA, Mississippi	457	**5.7**	*0.27*	0.58	*0.03*	447	**4.7**	*0.25*	0.47	*0.03*
USA, Missouri	1115	**6.4**	*0.21*	0.64	*0.02*	975	**5.1**	*0.19*	0.47	*0.02*
USA, Missouri: Black	58	**3.8**	*0.51*	0.34	*0.05*	58	**2.8**	*0.39*	0.28	*0.05*
USA, Missouri: White	1035	**6.7**	*0.22*	0.67	*0.02*	906	**5.5**	*0.21*	0.50	*0.02*
USA, Montana	222	**7.3**	*0.53*	0.75	*0.06*	139	**4.2**	*0.40*	0.42	*0.04*
USA, Montana: American Indian	12	**8.3**	*2.44*	0.84	*0.32*	7	**4.6**	*1.78*	0.39	*0.17*
USA, Nebraska	343	**6.7**	*0.39*	0.65	*0.04*	288	**5.0**	*0.34*	0.47	*0.03*
USA, Nebraska: Black	6	**2.9**	*1.19*	0.20	*0.09*	7	**3.2**	*1.21*	0.22	*0.09*
USA, Nebraska: White	333	**6.9**	*0.41*	0.67	*0.04*	276	**5.1**	*0.35*	0.48	*0.04*
USA, New Hampshire	293	**7.5**	*0.47*	0.79	*0.05*	199	**4.8**	*0.39*	0.44	*0.04*
USA, New Jersey	1788	**7.0**	*0.18*	0.69	*0.02*	1474	**5.0**	*0.15*	0.47	*0.01*
*USA, New Jersey: Black	120	**3.9**	*0.36*	0.37	*0.04*	99	**2.6**	*0.28*	0.23	*0.03*
*USA, New Jersey: White	1573	**7.6**	*0.21*	0.75	*0.02*	1296	**5.5**	*0.18*	0.52	*0.02*
USA, New Mexico	328	**5.8**	*0.34*	0.58	*0.04*	227	**3.5**	*0.26*	0.34	*0.03*
*USA, New Mexico: Hispanic White	89	**4.4**	*0.48*	0.47	*0.06*	63	**2.9**	*0.38*	0.27	*0.04*
*USA, New Mexico: Non−Hispanic White	213	**7.7**	*0.63*	0.72	*0.06*	146	**4.4**	*0.44*	0.44	*0.04*
*USA, New Mexico: White	302	**6.1**	*0.37*	0.60	*0.04*	209	**3.7**	*0.29*	0.37	*0.03*
USA, New York State	3672	**6.5**	*0.11*	0.62	*0.01*	3066	**4.7**	*0.10*	0.44	*0.01*
USA, New York State: Asian and Pacific Islander	80	**2.3**	*0.27*	0.21	*0.03*	83	**2.3**	*0.27*	0.19	*0.03*
USA, New York State: Black	325	**4.0**	*0.22*	0.39	*0.03*	317	**2.9**	*0.18*	0.27	*0.02*
USA, New York State: White	3180	**7.2**	*0.14*	0.69	*0.01*	2599	**5.2**	*0.12*	0.48	*0.01*
USA, North Carolina	1628	**6.5**	*0.17*	0.64	*0.02*	1357	**4.8**	*0.14*	0.44	*0.01*
USA, North Carolina: American Indian	13	**4.4**	*1.25*	0.31	*0.09*	13	**3.5**	*1.00*	0.33	*0.12*
USA, North Carolina: Asian and Pacific Islander	10	**2.3**	*0.79*	0.15	*0.06*	11	**2.7**	*0.85*	0.23	*0.08*
USA, North Carolina: Black	199	**4.3**	*0.31*	0.39	*0.03*	175	**3.0**	*0.24*	0.27	*0.02*
USA, North Carolina: White	1388	**7.1**	*0.20*	0.69	*0.02*	1152	**5.3**	*0.18*	0.49	*0.02*
USA, North Dakota	122	**6.7**	*0.65*	0.62	*0.06*	103	**4.9**	*0.56*	0.44	*0.05*
USA, Ohio	2213	**6.6**	*0.15*	0.62	*0.02*	1928	**5.0**	*0.13*	0.47	*0.01*
USA, Ohio: Asian and Pacific Islander	9	**2.2**	*0.76*	0.25	*0.11*	9	**2.0**	*0.69*	0.16	*0.06*
USA, Ohio: Black	133	**3.8**	*0.34*	0.37	*0.04*	108	**2.6**	*0.26*	0.23	*0.03*
USA, Ohio: White	2039	**6.9**	*0.17*	0.65	*0.02*	1792	**5.3**	*0.15*	0.51	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Brain, nervous system (C70-72) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	730	**6.9**	*0.27*	0.69	*0.03*	621	**5.1**	*0.23*	0.47	*0.02*
USA, Oklahoma: American Indian	53	**6.7**	*0.93*	0.61	*0.10*	53	**5.8**	*0.83*	0.47	*0.08*
USA, Oklahoma: Black	36	**5.3**	*0.90*	0.49	*0.10*	35	**4.5**	*0.79*	0.45	*0.10*
USA, Oklahoma: White	633	**7.1**	*0.30*	0.71	*0.03*	526	**5.1**	*0.25*	0.48	*0.02*
USA, Oregon	804	**7.2**	*0.27*	0.71	*0.03*	632	**5.6**	*0.25*	0.54	*0.02*
USA, Oregon: Asian and Pacific Islander	5	**1.5**	*0.68*	0.11	*0.06*	15	**4.0**	*1.07*	0.29	*0.08*
USA, Oregon: Black	5	**2.8**	*1.32*	0.43	*0.27*	2	**0.9**	*0.64*	0.02	*0.02*
USA, Oregon: White	776	**7.4**	*0.29*	0.73	*0.03*	596	**5.6**	*0.26*	0.55	*0.03*
USA, Pennsylvania	2657	**7.0**	*0.15*	0.66	*0.02*	2262	**5.1**	*0.13*	0.47	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	21	**3.2**	*0.70*	0.32	*0.08*	17	**2.3**	*0.59*	0.18	*0.05*
USA, Pennsylvania: Black	163	**5.0**	*0.40*	0.43	*0.04*	145	**3.8**	*0.33*	0.33	*0.03*
USA, Pennsylvania: White	2416	**7.1**	*0.16*	0.68	*0.02*	2060	**5.2**	*0.14*	0.48	*0.01*
USA, Rhode Island	243	**7.4**	*0.53*	0.68	*0.05*	188	**4.8**	*0.42*	0.41	*0.04*
USA, Rhode Island: Black	5	**3.3**	*1.53*	0.22	*0.12*	6	**3.8**	*1.56*	0.30	*0.15*
USA, Rhode Island: White	237	**7.9**	*0.58*	0.72	*0.06*	177	**4.8**	*0.44*	0.41	*0.04*
USA, South Carolina	792	**6.2**	*0.23*	0.61	*0.03*	683	**4.7**	*0.20*	0.45	*0.02*
USA, South Carolina: Black	109	**3.6**	*0.35*	0.35	*0.04*	117	**3.2**	*0.32*	0.27	*0.03*
USA, South Carolina: White	672	**6.9**	*0.29*	0.68	*0.03*	558	**5.3**	*0.26*	0.51	*0.03*
USA, South Dakota	155	**6.1**	*0.53*	0.59	*0.06*	121	**4.5**	*0.46*	0.48	*0.05*
USA, Tennessee	1128	**6.3**	*0.20*	0.63	*0.02*	946	**4.7**	*0.17*	0.46	*0.02*
USA, Tennessee: Black	89	**3.8**	*0.42*	0.40	*0.05*	77	**2.8**	*0.32*	0.25	*0.03*
USA, Tennessee: White	1025	**6.7**	*0.23*	0.67	*0.02*	850	**5.0**	*0.20*	0.49	*0.02*
USA, Texas	3847	**6.2**	*0.10*	0.60	*0.01*	3204	**4.8**	*0.09*	0.45	*0.01*
USA, Texas: Asian and Pacific Islander	43	**2.4**	*0.37*	0.20	*0.04*	38	**1.8**	*0.30*	0.16	*0.03*
USA, Texas: Black	247	**3.9**	*0.25*	0.37	*0.03*	248	**3.4**	*0.23*	0.32	*0.03*
USA, Texas: White	3465	**6.5**	*0.11*	0.63	*0.01*	2859	**5.0**	*0.10*	0.47	*0.01*
USA, Utah	425	**6.7**	*0.33*	0.66	*0.04*	349	**5.3**	*0.30*	0.49	*0.03*
USA, Vermont	130	**6.4**	*0.59*	0.72	*0.07*	116	**5.5**	*0.57*	0.58	*0.06*
USA, Virginia	1294	**5.9**	*0.17*	0.57	*0.02*	1038	**4.3**	*0.15*	0.41	*0.02*
USA, Virginia: Asian and Pacific Islander	16	**2.0**	*0.50*	0.17	*0.05*	27	**2.8**	*0.56*	0.29	*0.06*
USA, Virginia: Black	134	**3.6**	*0.32*	0.34	*0.04*	121	**2.9**	*0.28*	0.28	*0.03*
USA, Virginia: White	1124	**6.5**	*0.21*	0.63	*0.02*	860	**4.6**	*0.18*	0.43	*0.02*
USA, Washington State	1277	**6.9**	*0.21*	0.66	*0.02*	1003	**5.2**	*0.18*	0.48	*0.02*
USA, Washington, Seattle	898	**7.1**	*0.25*	0.68	*0.03*	709	**5.3**	*0.22*	0.49	*0.02*
USA, West Virginia	418	**7.3**	*0.40*	0.70	*0.04*	368	**5.5**	*0.34*	0.54	*0.03*
USA, Wisconsin	1188	**7.1**	*0.22*	0.70	*0.02*	976	**5.4**	*0.19*	0.52	*0.02*
USA, Wisconsin: Black	25	**3.4**	*0.72*	0.34	*0.10*	28	**3.2**	*0.61*	0.30	*0.07*
USA, Wisconsin: White	1116	**7.1**	*0.23*	0.70	*0.02*	905	**5.4**	*0.20*	0.52	*0.02*
USA, Wyoming	98	**6.1**	*0.66*	0.58	*0.07*	76	**4.7**	*0.60*	0.42	*0.06*
Asia										
Bahrain: Bahraini	37	**4.2**	*0.73*	0.43	*0.09*	19	**2.2**	*0.54*	0.27	*0.08*
China, Beijing City	766	**3.4**	*0.16*	0.32	*0.01*	612	**2.6**	*0.14*	0.25	*0.01*
*China, Cixian County	57	**4.1**	*0.56*	0.39	*0.06*	37	**2.6**	*0.43*	0.29	*0.06*
China, Haining County	79	**3.9**	*0.48*	0.40	*0.05*	76	**3.7**	*0.44*	0.40	*0.05*
*China, Harbin City, Nangang District	191	**6.3**	*0.47*	0.74	*0.06*	196	**6.5**	*0.54*	0.71	*0.06*
China, Hong Kong	533	**2.9**	*0.15*	0.25	*0.01*	392	**2.0**	*0.13*	0.18	*0.01*
China, Jiashan County	83	**6.3**	*0.77*	0.69	*0.08*	78	**6.3**	*0.84*	0.58	*0.07*
China, Jiaxing City	69	**8.5**	*1.36*	0.69	*0.10*	78	**7.2**	*0.87*	0.80	*0.10*
China, Macao	24	**2.0**	*0.47*	0.18	*0.04*	17	**1.1**	*0.31*	0.09	*0.03*
China, Qidong County	191	**4.9**	*0.38*	0.57	*0.05*	187	**4.7**	*0.38*	0.50	*0.04*
*China, Shanghai City	1287	**5.4**	*0.18*	0.55	*0.02*	1690	**6.2**	*0.19*	0.67	*0.02*
*China, Wuhan City	780	**5.7**	*0.23*	0.59	*0.02*	839	**6.4**	*0.26*	0.67	*0.03*
*China, Yangcheng County	28	**3.0**	*0.61*	0.36	*0.08*	28	**2.7**	*0.53*	0.27	*0.06*
*China, Yanting County	81	**4.9**	*0.56*	0.47	*0.06*	35	**2.2**	*0.38*	0.25	*0.04*
*China, Zhongshan City	70	**2.5**	*0.31*	0.23	*0.03*	53	**1.7**	*0.25*	0.14	*0.02*
*India, Bangalore	367	**4.1**	*0.23*	0.42	*0.03*	216	**2.6**	*0.18*	0.26	*0.02*
*India; Barshi, Paranda, and Bhum	18	**1.4**	*0.35*	0.14	*0.04*	10	**0.9**	*0.31*	0.08	*0.03*
*India, Bhopal	59	**2.2**	*0.31*	0.28	*0.05*	55	**2.0**	*0.28*	0.17	*0.03*
*India, Chennai	344	**3.2**	*0.18*	0.31	*0.02*	239	**2.3**	*0.15*	0.21	*0.02*
*India, Dindigul, Ambilikkai	77	**1.5**	*0.17*	0.13	*0.02*	47	**1.0**	*0.14*	0.08	*0.01*
*India, Karunagappally	44	**4.1**	*0.64*	0.46	*0.08*	25	**2.2**	*0.45*	0.21	*0.05*
*India, Mizoram	25	**1.3**	*0.28*	0.18	*0.05*	13	**0.7**	*0.22*	0.10	*0.04*
*India, Mumbai	1004	**3.3**	*0.11*	0.35	*0.01*	605	**2.3**	*0.10*	0.22	*0.01*
*India, New Delhi	1266	**3.8**	*0.12*	0.38	*0.01*	691	**2.4**	*0.10*	0.24	*0.01*
*India, Poona	328	**3.6**	*0.21*	0.34	*0.02*	213	**2.5**	*0.18*	0.25	*0.02*
*India, Sikkim State	26	**2.1**	*0.45*	0.22	*0.05*	21	**2.7**	*0.62*	0.42	*0.11*
*India, Trivandrum	54	**3.3**	*0.46*	0.34	*0.05*	38	**2.1**	*0.34*	0.18	*0.03*
*Iran (Islamic Republic of), Golestan Province	153	**7.8**	*0.67*	0.89	*0.09*	101	**5.3**	*0.56*	0.57	*0.07*
Israel	1144	**6.6**	*0.20*	0.68	*0.02*	932	**4.8**	*0.17*	0.48	*0.02*
*Israel: Jews	992	**6.7**	*0.22*	0.68	*0.03*	836	**5.0**	*0.19*	0.49	*0.02*
*Israel: Non–Jews	152	**6.1**	*0.54*	0.66	*0.07*	96	**3.6**	*0.40*	0.36	*0.05*
Japan, Aichi Prefecture	142	**3.0**	*0.29*	0.29	*0.03*	113	**2.4**	*0.27*	0.20	*0.02*
Japan, Fukui Prefecture	97	**3.4**	*0.45*	0.26	*0.03*	93	**2.4**	*0.37*	0.20	*0.03*
Japan, Hiroshima	122	**3.5**	*0.36*	0.31	*0.03*	92	**2.5**	*0.32*	0.21	*0.03*
Japan, Miyagi Prefecture	190	**2.8**	*0.24*	0.24	*0.02*	130	**1.6**	*0.18*	0.15	*0.01*
Japan, Nagasaki Prefecture	128	**2.4**	*0.25*	0.24	*0.02*	99	**1.8**	*0.24*	0.14	*0.02*
Japan, Niigata Prefecture	192	**2.4**	*0.23*	0.21	*0.02*	166	**1.7**	*0.19*	0.15	*0.01*
*Japan, Osaka Prefecture	695	**2.4**	*0.11*	0.21	*0.01*	641	**2.0**	*0.11*	0.16	*0.01*
Japan, Saga Prefecture	76	**2.4**	*0.32*	0.24	*0.03*	53	**1.5**	*0.28*	0.13	*0.02*
Republic of Korea	4084	**3.3**	*0.05*	0.31	*0.01*	3673	**2.7**	*0.05*	0.25	*0.00*
Republic of Korea, Busan	302	**3.1**	*0.20*	0.32	*0.02*	277	**2.6**	*0.17*	0.25	*0.02*
Republic of Korea, Daegu	209	**3.4**	*0.25*	0.29	*0.03*	168	**2.3**	*0.19*	0.21	*0.02*
Republic of Korea, Daejeon	108	**3.1**	*0.32*	0.30	*0.04*	102	**2.9**	*0.31*	0.26	*0.03*
Republic of Korea, Gwangju	120	**3.5**	*0.33*	0.33	*0.04*	107	**3.0**	*0.31*	0.29	*0.03*
Republic of Korea, Incheon	209	**3.2**	*0.23*	0.30	*0.03*	197	**3.0**	*0.23*	0.28	*0.02*
Republic of Korea, Jejudo	37	**3.6**	*0.62*	0.32	*0.06*	42	**3.2**	*0.55*	0.30	*0.05*
Republic of Korea, Seoul	822	**3.2**	*0.12*	0.30	*0.01*	721	**2.7**	*0.11*	0.25	*0.01*
Republic of Korea, Ulsan	85	**3.6**	*0.43*	0.39	*0.06*	87	**3.2**	*0.38*	0.28	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Brain, nervous system (C70-72) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	132	**2.4**	*0.28*	0.27	*0.05*	62	**1.8**	*0.26*	0.18	*0.04*
*Kuwait: Kuwaitis	61	**3.8**	*0.54*	0.42	*0.08*	40	**2.1**	*0.35*	0.18	*0.04*
*Kuwait: Non−Kuwaitis	71	**1.9**	*0.35*	0.23	*0.07*	22	**1.7**	*0.48*	0.22	*0.08*
*Malaysia, Penang	78	**3.0**	*0.35*	0.27	*0.04*	62	**2.3**	*0.30*	0.22	*0.03*
*Malaysia, Penang: Chinese	39	**2.9**	*0.48*	0.26	*0.05*	38	**3.0**	*0.51*	0.26	*0.05*
*Malaysia, Penang: Indian	6	**1.9**	*0.78*	0.18	*0.07*	2	**0.6**	*0.45*	0.07	*0.05*
*Malaysia, Penang: Malay	32	**3.3**	*0.62*	0.29	*0.07*	22	**2.0**	*0.44*	0.22	*0.06*
*Philippines, Manila	299	**2.7**	*0.18*	0.26	*0.02*	259	**2.3**	*0.15*	0.23	*0.02*
*Philippines, Rizal	335	**3.0**	*0.18*	0.30	*0.02*	274	**2.1**	*0.14*	0.22	*0.02*
Qatar: Qatari	15	**5.6**	*1.56*	0.78	*0.24*	17	**4.3**	*1.16*	0.31	*0.11*
*Saudi Arabia, Riyadh: Saudi	230	**3.5**	*0.26*	0.38	*0.04*	152	**2.1**	*0.19*	0.21	*0.03*
Singapore	230	**2.4**	*0.17*	0.23	*0.02*	191	**2.1**	*0.16*	0.17	*0.01*
Singapore: Chinese	178	**2.5**	*0.20*	0.23	*0.02*	164	**2.4**	*0.21*	0.20	*0.02*
Singapore: Indian	19	**2.7**	*0.67*	0.30	*0.08*	10	**1.4**	*0.47*	0.13	*0.05*
Singapore: Malay	23	**2.0**	*0.43*	0.17	*0.05*	16	**1.2**	*0.29*	0.06	*0.02*
Thailand, Bangkok	456	**3.2**	*0.16*	0.31	*0.02*	455	**2.7**	*0.14*	0.26	*0.02*
Thailand, Chiang Mai	71	**2.0**	*0.25*	0.18	*0.02*	77	**1.8**	*0.22*	0.17	*0.02*
Thailand, Chonburi	71	**2.5**	*0.31*	0.24	*0.04*	66	**2.3**	*0.30*	0.21	*0.03*
*Thailand, Khon Kaen	61	**1.4**	*0.18*	0.12	*0.02*	57	**1.2**	*0.16*	0.12	*0.02*
Thailand, Lampang	46	**2.0**	*0.31*	0.17	*0.03*	43	**1.7**	*0.27*	0.16	*0.03*
*Thailand, Songkhla	72	**2.7**	*0.33*	0.26	*0.04*	72	**2.6**	*0.31*	0.25	*0.03*
*Turkey, Antalya	220	**5.6**	*0.39*	0.59	*0.05*	162	**4.3**	*0.34*	0.48	*0.05*
*Turkey, Edirne	56	**6.8**	*0.98*	0.61	*0.09*	43	**4.8**	*0.82*	0.45	*0.08*
*Turkey, Izmir	552	**5.9**	*0.26*	0.59	*0.03*	457	**4.7**	*0.23*	0.48	*0.03*
*Turkey, Trabzon	41	**3.8**	*0.59*	0.38	*0.07*	49	**4.2**	*0.61*	0.41	*0.06*
Europe										
Austria	1783	**6.6**	*0.17*	0.66	*0.02*	1570	**5.0**	*0.15*	0.50	*0.01*
Austria, Tyrol	118	**5.1**	*0.50*	0.51	*0.05*	98	**3.8**	*0.46*	0.40	*0.05*
Austria, Vorarlberg	82	**6.8**	*0.79*	0.68	*0.09*	51	**4.1**	*0.63*	0.43	*0.07*
*Belarus	1169	**4.5**	*0.14*	0.44	*0.01*	1157	**3.8**	*0.13*	0.35	*0.01*
*Belgium	1799	**6.5**	*0.17*	0.65	*0.02*	1329	**4.6**	*0.15*	0.45	*0.01*
Bulgaria	1840	**7.0**	*0.18*	0.73	*0.02*	1551	**5.2**	*0.16*	0.53	*0.01*
Croatia	1399	**9.5**	*0.28*	1.00	*0.03*	1341	**7.6**	*0.25*	0.76	*0.02*
Cyprus	117	**5.2**	*0.52*	0.55	*0.06*	102	**3.9**	*0.44*	0.40	*0.05*
Czech Republic	2047	**6.2**	*0.15*	0.64	*0.02*	1837	**4.6**	*0.13*	0.48	*0.01*
Denmark	1286	**6.7**	*0.20*	0.72	*0.02*	972	**4.7**	*0.17*	0.49	*0.02*
*Estonia	227	**5.9**	*0.42*	0.62	*0.04*	197	**4.0**	*0.34*	0.40	*0.03*
Finland	962	**5.5**	*0.19*	0.54	*0.02*	872	**4.3**	*0.17*	0.41	*0.02*
*France, Bas−Rhin	209	**6.2**	*0.45*	0.70	*0.05*	176	**4.7**	*0.41*	0.45	*0.04*
*France, Calvados	122	**5.5**	*0.53*	0.56	*0.06*	104	**4.1**	*0.45*	0.46	*0.05*
*France, Doubs	93	**5.2**	*0.58*	0.62	*0.07*	66	**3.0**	*0.44*	0.29	*0.05*
*France, Haut−Rhin	102	**4.1**	*0.43*	0.44	*0.05*	85	**3.6**	*0.44*	0.38	*0.04*
*France, Hérault	192	**5.8**	*0.47*	0.59	*0.05*	176	**4.9**	*0.43*	0.49	*0.04*
*France, Isère	248	**6.6**	*0.45*	0.70	*0.05*	176	**4.2**	*0.36*	0.42	*0.04*
*France, Loire−Atlantique	261	**6.7**	*0.44*	0.75	*0.05*	185	**3.9**	*0.33*	0.43	*0.04*
*France, Manche	107	**6.2**	*0.66*	0.66	*0.07*	77	**4.1**	*0.56*	0.43	*0.06*
*France, Somme	86	**5.1**	*0.61*	0.47	*0.06*	80	**3.7**	*0.49*	0.38	*0.05*
*France, Tarn	95	**6.8**	*0.82*	0.72	*0.08*	76	**4.6**	*0.69*	0.45	*0.06*
*France, Vendée	122	**5.5**	*0.55*	0.65	*0.06*	94	**3.7**	*0.44*	0.46	*0.05*
Germany, Brandenburg	613	**6.6**	*0.32*	0.67	*0.03*	520	**4.9**	*0.29*	0.50	*0.03*
Germany, Bremen	129	**5.1**	*0.53*	0.55	*0.05*	141	**4.4**	*0.47*	0.45	*0.05*
Germany, Free State of Saxony	1029	**6.2**	*0.23*	0.64	*0.02*	977	**4.9**	*0.21*	0.52	*0.02*
Germany, Hamburg	374	**5.9**	*0.35*	0.63	*0.04*	291	**3.8**	*0.28*	0.39	*0.03*
Germany, Mecklenburg−Western Pomerania	369	**5.7**	*0.35*	0.61	*0.04*	285	**3.9**	*0.30*	0.39	*0.03*
Germany, Munich	889	**6.3**	*0.24*	0.64	*0.02*	810	**5.0**	*0.22*	0.49	*0.02*
Germany, North Rhine−Westphalia	546	**6.3**	*0.30*	0.62	*0.03*	394	**4.0**	*0.25*	0.38	*0.02*
Germany, Saarland	273	**7.7**	*0.59*	0.76	*0.05*	243	**5.6**	*0.48*	0.55	*0.04*
Germany, Schleswig−Holstein	628	**6.0**	*0.27*	0.62	*0.03*	539	**4.5**	*0.24*	0.47	*0.02*
Iceland	66	**7.3**	*0.94*	0.74	*0.11*	58	**5.9**	*0.84*	0.60	*0.10*
Ireland	902	**7.3**	*0.25*	0.76	*0.03*	662	**5.0**	*0.21*	0.52	*0.02*
Italy, Biella	50	**5.6**	*0.89*	0.68	*0.11*	47	**3.5**	*0.64*	0.39	*0.08*
Italy, Brescia	179	**5.9**	*0.48*	0.63	*0.05*	156	**4.5**	*0.45*	0.43	*0.04*
Italy, Catania and Messina	221	**6.4**	*0.48*	0.65	*0.05*	167	**3.8**	*0.35*	0.41	*0.04*
Italy, Catanzaro	64	**6.8**	*0.93*	0.74	*0.11*	44	**5.0**	*0.96*	0.51	*0.09*
Italy, Como	126	**6.2**	*0.63*	0.67	*0.07*	131	**5.1**	*0.59*	0.55	*0.06*
Italy, Ferrara	103	**7.2**	*0.95*	0.72	*0.08*	88	**4.7**	*0.69*	0.51	*0.07*
Italy, Florence and Prato	178	**6.7**	*0.63*	0.69	*0.06*	189	**5.8**	*0.59*	0.60	*0.05*
Italy, Friuli−Venezia Giulia	328	**7.0**	*0.46*	0.74	*0.05*	268	**4.4**	*0.38*	0.45	*0.03*
Italy, Genoa	195	**6.6**	*0.63*	0.68	*0.06*	151	**3.2**	*0.35*	0.34	*0.04*
Italy, Latina	134	**7.3**	*0.74*	0.75	*0.07*	89	**4.4**	*0.56*	0.47	*0.06*
Italy, Lecco	82	**6.4**	*0.80*	0.64	*0.08*	72	**5.1**	*0.77*	0.51	*0.07*
Italy, Lombardy, South	118	**6.9**	*0.72*	0.70	*0.07*	80	**3.5**	*0.52*	0.34	*0.05*
Italy, Mantua	64	**7.3**	*1.10*	0.76	*0.11*	53	**5.5**	*1.06*	0.51	*0.09*
Italy, Milan	261	**6.7**	*0.52*	0.68	*0.05*	204	**4.2**	*0.46*	0.40	*0.04*
Italy, Modena	160	**5.8**	*0.54*	0.63	*0.06*	128	**4.0**	*0.48*	0.42	*0.05*
Italy, Naples	106	**6.9**	*0.71*	0.66	*0.07*	103	**5.7**	*0.61*	0.57	*0.07*
Italy, Nuoro	48	**6.0**	*1.02*	0.61	*0.09*	44	**3.9**	*0.67*	0.47	*0.08*
Italy, Palermo	207	**6.4**	*0.49*	0.68	*0.05*	160	**4.4**	*0.40*	0.44	*0.04*
Italy, Parma	116	**6.6**	*0.73*	0.74	*0.08*	122	**6.8**	*0.95*	0.58	*0.07*
Italy, Ragusa	87	**8.0**	*0.95*	0.83	*0.10*	56	**4.5**	*0.75*	0.46	*0.07*
Italy, Reggio Emilia	130	**6.8**	*0.71*	0.70	*0.07*	115	**4.8**	*0.59*	0.53	*0.06*
Italy, Romagna	338	**7.1**	*0.47*	0.74	*0.05*	320	**5.8**	*0.45*	0.57	*0.04*
Italy, Salerno	268	**6.8**	*0.46*	0.74	*0.05*	237	**5.1**	*0.39*	0.56	*0.04*
Italy, Sassari	113	**6.0**	*0.62*	0.66	*0.07*	104	**5.5**	*0.71*	0.52	*0.06*
Italy, Sondrio	41	**5.7**	*0.94*	0.57	*0.10*	37	**4.7**	*0.93*	0.46	*0.09*
Italy, South Tyrol	78	**6.1**	*0.74*	0.69	*0.08*	62	**3.9**	*0.57*	0.42	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Brain, nervous system (C70-72) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	83	**5.5**	*0.69*	0.61	*0.08*	68	**4.0**	*0.62*	0.39	*0.06*
Italy, Trapani	87	**6.7**	*0.80*	0.78	*0.09*	53	**3.4**	*0.57*	0.35	*0.06*
Italy, Trento	78	**5.2**	*0.66*	0.56	*0.07*	72	**5.0**	*0.71*	0.53	*0.07*
Italy, Turin	220	**6.0**	*0.48*	0.60	*0.05*	223	**4.8**	*0.45*	0.50	*0.04*
Italy, Umbria	282	**8.6**	*0.64*	0.89	*0.06*	207	**4.4**	*0.44*	0.44	*0.04*
Italy, Varese	219	**7.2**	*0.56*	0.74	*0.06*	174	**4.7**	*0.47*	0.52	*0.05*
Italy, Veneto	508	**7.3**	*0.37*	0.79	*0.04*	421	**4.9**	*0.29*	0.52	*0.03*
Latvia	386	**7.1**	*0.39*	0.75	*0.04*	434	**5.9**	*0.33*	0.60	*0.03*
Lithuania	660	**6.6**	*0.27*	0.69	*0.03*	743	**5.5**	*0.24*	0.56	*0.02*
Malta	64	**5.0**	*0.66*	0.51	*0.07*	58	**4.8**	*0.75*	0.43	*0.06*
*The Netherlands	3141	**6.0**	*0.11*	0.62	*0.01*	2266	**4.0**	*0.09*	0.41	*0.01*
*The Netherlands, Eindhoven	209	**6.1**	*0.46*	0.64	*0.05*	136	**4.0**	*0.39*	0.37	*0.04*
Norway	1297	**8.8**	*0.26*	0.86	*0.03*	1180	**7.4**	*0.24*	0.71	*0.02*
Poland, Cracow	145	**8.2**	*0.76*	0.84	*0.08*	184	**8.9**	*0.86*	0.82	*0.07*
Poland, Kielce	313	**7.7**	*0.47*	0.82	*0.05*	316	**6.1**	*0.40*	0.64	*0.04*
Poland, Lower Silesia	603	**7.0**	*0.31*	0.73	*0.03*	629	**5.8**	*0.28*	0.60	*0.03*
Poland, Podkarpackie	543	**8.7**	*0.39*	0.90	*0.05*	565	**7.1**	*0.33*	0.76	*0.04*
Portugal, Azores	38	**5.9**	*1.00*	0.65	*0.11*	40	**5.5**	*0.99*	0.60	*0.10*
Russian Federation, Saint Petersburg	621	**4.9**	*0.22*	0.52	*0.02*	684	**3.5**	*0.17*	0.37	*0.02*
*Serbia, Central	1927	**10.5**	*0.26*	1.12	*0.03*	1544	**7.9**	*0.23*	0.80	*0.02*
Slovakia	1021	**6.7**	*0.22*	0.72	*0.03*	908	**4.7**	*0.18*	0.50	*0.02*
Slovenia	377	**6.0**	*0.35*	0.60	*0.03*	318	**4.1**	*0.28*	0.43	*0.03*
Spain, Albacete	89	**6.5**	*0.76*	0.71	*0.09*	64	**4.4**	*0.66*	0.46	*0.07*
Spain, Asturias	246	**6.6**	*0.56*	0.65	*0.05*	203	**4.4**	*0.45*	0.46	*0.04*
Spain, Basque Country	566	**7.2**	*0.35*	0.77	*0.04*	451	**5.2**	*0.32*	0.50	*0.03*
Spain, Canary Islands	245	**6.1**	*0.42*	0.63	*0.05*	180	**4.2**	*0.36*	0.45	*0.04*
Spain, Ciudad Real	90	**6.2**	*0.76*	0.64	*0.08*	77	**4.5**	*0.65*	0.47	*0.07*
Spain, Cuenca	42	**4.8**	*0.96*	0.43	*0.09*	37	**3.1**	*0.70*	0.35	*0.08*
Spain, Girona	149	**6.0**	*0.56*	0.62	*0.06*	129	**5.0**	*0.52*	0.52	*0.06*
*Spain, Granada	170	**6.1**	*0.51*	0.67	*0.06*	141	**4.6**	*0.44*	0.46	*0.04*
Spain, La Rioja	68	**5.7**	*0.81*	0.67	*0.10*	45	**3.0**	*0.54*	0.32	*0.06*
Spain, Mallorca	144	**5.5**	*0.50*	0.55	*0.06*	105	**4.0**	*0.48*	0.36	*0.04*
Spain, Murcia	233	**5.6**	*0.40*	0.58	*0.04*	237	**5.2**	*0.39*	0.55	*0.04*
Spain, Navarra	169	**7.8**	*0.70*	0.78	*0.07*	148	**5.7**	*0.59*	0.59	*0.06*
Spain, Tarragona	151	**6.5**	*0.61*	0.67	*0.06*	111	**4.3**	*0.49*	0.43	*0.05*
*Sweden	2866	**9.5**	*0.20*	0.98	*0.02*	3468	**11.0**	*0.21*	1.13	*0.02*
Switzerland, Basel	88	**6.0**	*0.71*	0.62	*0.07*	67	**4.0**	*0.60*	0.42	*0.06*
Switzerland, Geneva	71	**5.1**	*0.64*	0.57	*0.07*	82	**5.4**	*0.67*	0.55	*0.07*
Switzerland, Graubünden and Glarus	54	**7.8**	*1.26*	0.73	*0.11*	34	**3.9**	*0.77*	0.40	*0.08*
Switzerland, Neuchâtel	35	**5.4**	*1.02*	0.68	*0.13*	30	**3.7**	*0.79*	0.40	*0.09*
Switzerland, St Gall–Appenzell	115	**6.5**	*0.63*	0.72	*0.07*	91	**5.2**	*0.62*	0.50	*0.06*
Switzerland, Ticino	65	**6.0**	*0.87*	0.67	*0.09*	70	**4.9**	*0.72*	0.53	*0.07*
Switzerland, Valais	52	**5.1**	*0.77*	0.49	*0.08*	43	**4.3**	*0.85*	0.41	*0.07*
Switzerland, Vaud	127	**6.0**	*0.60*	0.59	*0.06*	94	**3.5**	*0.41*	0.36	*0.05*
Switzerland, Zurich	271	**6.3**	*0.43*	0.67	*0.05*	193	**3.8**	*0.32*	0.40	*0.03*
Ukraine	6425	**5.1**	*0.07*	0.49	*0.01*	5753	**3.8**	*0.06*	0.35	*0.00*
UK, England	10839	**6.3**	*0.07*	0.67	*0.01*	7863	**4.2**	*0.05*	0.42	*0.01*
UK, England, East of England Region	1186	**6.0**	*0.19*	0.64	*0.02*	872	**4.1**	*0.16*	0.41	*0.02*
UK, England, North Western	1395	**6.4**	*0.19*	0.67	*0.02*	996	**4.2**	*0.15*	0.42	*0.02*
UK, England, Northern and Yorkshire	1502	**6.4**	*0.18*	0.68	*0.02*	1069	**4.2**	*0.15*	0.41	*0.01*
UK, England, Oxford Region	527	**5.6**	*0.26*	0.61	*0.03*	385	**4.1**	*0.24*	0.42	*0.03*
UK, England, South and Western Regions	1750	**7.0**	*0.19*	0.73	*0.02*	1257	**4.5**	*0.15*	0.46	*0.02*
UK, England, Thames	2234	**6.2**	*0.14*	0.64	*0.02*	1700	**4.1**	*0.12*	0.42	*0.01*
UK, England, Trent	719	**6.7**	*0.28*	0.73	*0.03*	520	**4.3**	*0.23*	0.44	*0.02*
UK, England, West Midlands	1079	**6.0**	*0.20*	0.63	*0.02*	734	**3.8**	*0.16*	0.40	*0.02*
UK, Northern Ireland	357	**6.9**	*0.39*	0.67	*0.04*	256	**4.8**	*0.33*	0.45	*0.03*
UK, Scotland	1091	**6.3**	*0.21*	0.66	*0.02*	781	**3.9**	*0.17*	0.42	*0.02*
UK, Wales	695	**6.7**	*0.29*	0.68	*0.03*	541	**4.7**	*0.24*	0.47	*0.02*
Oceania										
Australian Capital Territory	65	**6.7**	*0.86*	0.70	*0.11*	60	**5.7**	*0.81*	0.50	*0.08*
Australia, New South Wales	1430	**6.5**	*0.18*	0.69	*0.02*	1065	**4.6**	*0.16*	0.46	*0.02*
Australia, Northern Territory	29	**5.6**	*1.07*	0.59	*0.14*	15	**3.2**	*0.87*	0.32	*0.12*
Australia, Northern Territory: Indigenous	2	**1.5**	*1.11*	0.13	*0.10*	6	**5.0**	*2.11*	0.68	*0.36*
Australia, Northern Territory: Non–Indigenous	27	**6.6**	*1.35*	0.69	*0.17*	9	**2.6**	*0.93*	0.19	*0.08*
Australia, Queensland	823	**6.6**	*0.24*	0.68	*0.03*	537	**4.0**	*0.19*	0.41	*0.02*
South Australia	373	**6.9**	*0.39*	0.72	*0.04*	252	**4.6**	*0.34*	0.45	*0.03*
Australia, Tasmania	113	**6.9**	*0.70*	0.71	*0.08*	82	**4.9**	*0.61*	0.50	*0.06*
Australia, Victoria	1062	**6.5**	*0.21*	0.68	*0.02*	850	**4.7**	*0.18*	0.48	*0.02*
Western Australia	417	**6.5**	*0.33*	0.66	*0.04*	298	**4.5**	*0.28*	0.45	*0.03*
New Zealand	773	**6.1**	*0.23*	0.63	*0.03*	587	**4.4**	*0.20*	0.43	*0.02*
New Zealand: Maori	54	**4.5**	*0.67*	0.46	*0.09*	52	**4.0**	*0.58*	0.43	*0.08*
New Zealand: Pacific Islander	28	**5.2**	*1.02*	0.40	*0.10*	23	**3.9**	*0.84*	0.33	*0.09*
New Zealand: Other	691	**6.2**	*0.26*	0.65	*0.03*	512	**4.5**	*0.23*	0.44	*0.02*
USA, Hawaii	144	**3.9**	*0.35*	0.34	*0.03*	121	**3.0**	*0.31*	0.28	*0.03*
*USA, Hawaii: Chinese	7	**2.9**	*1.28*	0.18	*0.09*	1	**0.5**	*0.48*	0.06	*0.06*
*USA, Hawaii: Filipino	16	**2.3**	*0.66*	0.23	*0.09*	14	**2.6**	*0.73*	0.23	*0.07*
*USA, Hawaii: Hawaiian	28	**4.1**	*0.79*	0.34	*0.08*	23	**3.3**	*0.70*	0.31	*0.08*
*USA, Hawaii: Japanese	15	**1.8**	*0.66*	0.15	*0.05*	28	**2.4**	*0.67*	0.23	*0.06*
*USA, Hawaii: White	63	**5.9**	*0.87*	0.58	*0.08*	44	**4.3**	*0.72*	0.44	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Thyroid (C73)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	28	**1.1**	*0.22*	–	-	156	**6.1**	*0.50*	–	-
Egypt, Gharbiah	118	**1.5**	*0.15*	0.19	*0.02*	264	**3.2**	*0.20*	0.33	*0.03*
*Libya, Benghazi	13	**0.8**	*0.24*	0.07	*0.03*	64	**3.8**	*0.51*	0.37	*0.07*
*Malawi, Blantyre	5	**0.5**	*0.25*	0.05	*0.03*	18	**2.0**	*0.54*	0.26	*0.08*
*South Africa, PROMEC	4	**0.3**	*0.13*	0.04	*0.02*	8	**0.4**	*0.14*	0.04	*0.01*
*Tunisia, North	78	**1.1**	*0.12*	0.12	*0.02*	245	**3.3**	*0.21*	0.32	*0.02*
*Uganda, Kyadondo County	19	**1.7**	*0.49*	0.25	*0.08*	55	**3.2**	*0.54*	0.35	*0.07*
*Zimbabwe, Harare: African	8	**0.9**	*0.33*	0.09	*0.04*	38	**4.7**	*0.84*	0.53	*0.12*
America, Central and South										
Argentina, Bahía Blanca	11	**1.4**	*0.44*	0.16	*0.05*	55	**6.6**	*0.93*	0.64	*0.09*
Argentina, Córdoba	43	**1.7**	*0.26*	0.17	*0.03*	221	**7.3**	*0.50*	0.70	*0.05*
Argentina, Mendoza	71	**1.7**	*0.20*	0.18	*0.03*	262	**5.8**	*0.36*	0.58	*0.04*
*Argentina, Tierra del Fuego	1	**0.3**	*0.28*	0.02	*0.02*	27	**8.8**	*1.80*	0.82	*0.20*
Brazil, Aracaju	40	**5.2**	*0.88*	0.57	*0.12*	191	**18.6**	*1.40*	1.78	*0.15*
Brazil, Belo Horizonte	69	**2.3**	*0.29*	0.26	*0.04*	307	**7.8**	*0.45*	0.79	*0.05*
Brazil, Cuiabá	13	**1.1**	*0.32*	0.08	*0.03*	60	**4.5**	*0.62*	0.45	*0.07*
Brazil, Fortaleza	54	**1.7**	*0.24*	0.19	*0.03*	387	**8.7**	*0.45*	0.93	*0.06*
Brazil, Goiânia	79	**3.1**	*0.37*	0.32	*0.05*	460	**14.8**	*0.71*	1.51	*0.09*
*Brazil, São Paulo	1261	**5.0**	*0.15*	0.51	*0.02*	6530	**20.9**	*0.28*	2.06	*0.03*
Chile, Region of Antofagasta	20	**1.4**	*0.34*	0.18	*0.05*	127	**9.4**	*0.85*	0.89	*0.09*
Chile, Bío Bío Province	13	**1.3**	*0.36*	0.14	*0.05*	39	**3.7**	*0.61*	0.37	*0.07*
Chile, Valdivia	14	**1.4**	*0.38*	0.15	*0.05*	71	**6.7**	*0.81*	0.61	*0.08*
Colombia, Bucaramanga	58	**2.6**	*0.34*	0.27	*0.04*	269	**9.6**	*0.60*	0.97	*0.07*
Colombia, Cali	107	**2.3**	*0.23*	0.22	*0.03*	639	**11.3**	*0.46*	1.18	*0.05*
Colombia, Manizales	33	**3.6**	*0.63*	0.44	*0.09*	140	**12.1**	*1.04*	1.18	*0.11*
Colombia, Pasto	18	**2.4**	*0.58*	0.26	*0.07*	87	**8.4**	*0.92*	0.85	*0.11*
Costa Rica	215	**2.1**	*0.15*	0.21	*0.02*	1343	**12.6**	*0.35*	1.23	*0.04*
Cuba, Villa Clara	28	**1.5**	*0.29*	0.15	*0.03*	158	**7.7**	*0.65*	0.70	*0.06*
Ecuador, Cuenca	21	**2.3**	*0.53*	0.27	*0.08*	126	**11.5**	*1.05*	1.25	*0.13*
Ecuador, Quito	122	**3.9**	*0.36*	0.41	*0.05*	654	**17.6**	*0.71*	1.80	*0.08*
*France, Martinique	26	**2.2**	*0.45*	0.21	*0.05*	90	**6.5**	*0.71*	0.69	*0.08*
*Jamaica, Kingston and St Andrew	13	**0.9**	*0.26*	0.08	*0.03*	60	**3.3**	*0.44*	0.36	*0.06*
USA, Puerto Rico	344	**3.1**	*0.17*	0.32	*0.02*	1642	**13.2**	*0.33*	1.29	*0.03*
Uruguay	91	**1.6**	*0.17*	0.17	*0.02*	412	**6.8**	*0.35*	0.66	*0.03*
America, North										
Canada	3987	**3.8**	*0.06*	0.40	*0.01*	14053	**13.4**	*0.12*	1.28	*0.01*
Canada, Alberta	385	**3.6**	*0.19*	0.39	*0.02*	1302	**12.8**	*0.36*	1.22	*0.04*
Canada, British Columbia	309	**2.2**	*0.13*	0.23	*0.01*	933	**6.8**	*0.23*	0.62	*0.02*
Canada, Manitoba	99	**2.7**	*0.28*	0.27	*0.03*	309	**8.5**	*0.51*	0.77	*0.05*
Canada, New Brunswick	112	**4.3**	*0.42*	0.48	*0.05*	387	**14.9**	*0.80*	1.45	*0.08*
Canada, Newfoundland and Labrador	50	**2.7**	*0.39*	0.31	*0.05*	179	**9.5**	*0.75*	0.95	*0.08*
*Canada, Northwest Territories	4	**3.3**	*1.72*	0.31	*0.17*	9	**9.1**	*3.26*	0.97	*0.38*
Canada, Nova Scotia	118	**3.6**	*0.35*	0.38	*0.04*	331	**10.0**	*0.58*	0.96	*0.06*
Canada, Ontario	1914	**4.8**	*0.11*	0.49	*0.01*	7289	**18.1**	*0.22*	1.73	*0.02*
Canada, Prince Edward Island	21	**5.7**	*1.29*	0.55	*0.12*	26	**5.7**	*1.19*	0.52	*0.11*
*Canada, Quebec	901	**3.5**	*0.12*	0.37	*0.01*	3062	**12.0**	*0.23*	1.16	*0.02*
Canada, Saskatchewan	73	**2.3**	*0.28*	0.24	*0.03*	215	**6.9**	*0.50*	0.65	*0.05*
*Canada, Yukon	1	**0.8**	*0.81*	0.07	*0.07*	11	**10.0**	*3.06*	0.93	*0.30*
USA, NPCR (42 states)	32133	**3.9**	*0.02*	0.42	*0.00*	101729	**12.3**	*0.04*	1.19	*0.00*
USA, NPCR (42 states): American Indian	126	**1.8**	*0.16*	0.20	*0.02*	507	**6.5**	*0.29*	0.61	*0.03*
USA, NPCR (42 states): Asian and Pacific Islander	961	**2.9**	*0.10*	0.33	*0.01*	4226	**11.1**	*0.17*	1.11	*0.02*
USA, NPCR (42 states): Black	1767	**2.1**	*0.05*	0.23	*0.01*	7969	**7.5**	*0.09*	0.77	*0.01*
USA, NPCR (42 states): White	28568	**4.1**	*0.03*	0.44	*0.00*	86474	**12.8**	*0.05*	1.23	*0.00*
USA, SEER (9 registries)	3662	**4.2**	*0.07*	0.46	*0.01*	11534	**13.2**	*0.13*	1.27	*0.01*
*USA, SEER (9 registries): Black	187	**2.3**	*0.17*	0.26	*0.02*	746	**7.1**	*0.26*	0.74	*0.03*
*USA, SEER (9 registries): White	3128	**4.6**	*0.08*	0.50	*0.01*	9410	**14.2**	*0.15*	1.36	*0.02*
USA, SEER (18 registries)	9865	**3.9**	*0.04*	0.43	*0.00*	31428	**12.3**	*0.07*	1.20	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	739	**3.4**	*0.13*	0.37	*0.02*	3024	**12.5**	*0.23*	1.22	*0.02*
*USA, SEER (18 registries): Black	523	**2.2**	*0.10*	0.24	*0.01*	2125	**7.1**	*0.16*	0.74	*0.02*
*USA, SEER (18 registries): Hispanic White	992	**2.9**	*0.10*	0.32	*0.01*	4391	**11.7**	*0.18*	1.15	*0.02*
*USA, SEER (18 registries): Non–Hispanic White	7464	**4.6**	*0.05*	0.49	*0.01*	21352	**13.6**	*0.10*	1.30	*0.01*
*USA, SEER (18 registries): White	8456	**4.2**	*0.05*	0.46	*0.01*	25743	**13.1**	*0.08*	1.26	*0.01*
USA, Alabama	431	**3.0**	*0.15*	0.34	*0.02*	1267	**8.5**	*0.25*	0.83	*0.03*
USA, Alabama: Black	50	**1.6**	*0.24*	0.17	*0.03*	248	**6.5**	*0.42*	0.66	*0.05*
USA, Alabama: White	378	**3.4**	*0.18*	0.38	*0.02*	998	**9.3**	*0.31*	0.90	*0.03*
USA, Alaska	96	**4.9**	*0.51*	0.50	*0.06*	269	**14.2**	*0.89*	1.34	*0.09*
*USA, Alaska: American Indian	13	**5.0**	*1.43*	0.41	*0.16*	22	**7.3**	*1.57*	0.72	*0.18*
USA, Arizona	813	**4.4**	*0.16*	0.48	*0.02*	2499	**13.9**	*0.29*	1.35	*0.03*
USA, Arizona: American Indian	16	**2.4**	*0.61*	0.27	*0.08*	69	**8.7**	*1.06*	0.85	*0.12*
USA, Arizona: Asian and Pacific Islander	18	**5.0**	*1.21*	0.49	*0.15*	57	**11.2**	*1.52*	1.17	*0.18*
USA, Arizona: Black	6	**1.0**	*0.42*	0.11	*0.05*	44	**7.5**	*1.15*	0.88	*0.16*
USA, Arizona: White	753	**4.5**	*0.17*	0.49	*0.02*	2276	**14.3**	*0.31*	1.38	*0.03*
USA, Arkansas	271	**3.0**	*0.19*	0.35	*0.02*	689	**7.8**	*0.31*	0.76	*0.03*
USA, Arkansas: Black	10	**1.1**	*0.35*	0.14	*0.05*	74	**5.6**	*0.67*	0.58	*0.08*
USA, Arkansas: White	256	**3.3**	*0.21*	0.37	*0.03*	606	**8.4**	*0.36*	0.80	*0.03*
USA, California	3728	**3.5**	*0.06*	0.38	*0.01*	11923	**11.1**	*0.10*	1.07	*0.01*
USA, California: American Indian	7	**0.6**	*0.24*	0.08	*0.03*	44	**3.1**	*0.48*	0.30	*0.05*
USA, California: Asian and Pacific Islander	413	**3.0**	*0.15*	0.33	*0.02*	1758	**11.2**	*0.27*	1.12	*0.03*
USA, California: Black	142	**2.1**	*0.18*	0.23	*0.02*	481	**6.4**	*0.29*	0.67	*0.04*
USA, California: White	3089	**3.6**	*0.07*	0.40	*0.01*	9399	**11.3**	*0.12*	1.09	*0.01*
USA, California, Los Angeles County	1006	**3.6**	*0.12*	0.39	*0.01*	3494	**11.8**	*0.20*	1.17	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander	147	**3.5**	*0.30*	0.40	*0.04*	619	**12.9**	*0.53*	1.29	*0.06*
*USA, California, Los Angeles County: Black	59	**2.2**	*0.29*	0.24	*0.04*	236	**7.1**	*0.47*	0.77	*0.06*
*USA, California, Los Angeles County: Chinese	30	**2.5**	*0.46*	0.28	*0.06*	130	**9.1**	*0.82*	0.90	*0.09*
*USA, California, Los Angeles County: Filipino	50	**6.0**	*0.87*	0.69	*0.12*	238	**21.4**	*1.43*	2.16	*0.15*
*USA, California, Los Angeles County: Hispanic White	243	**2.6**	*0.18*	0.29	*0.03*	1212	**11.3**	*0.33*	1.13	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Thyroid (C73) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	12	**3.0**	*0.93*	0.32	*0.11*	33	**7.1**	*1.41*	0.71	*0.14*
*USA, California, Los Angeles County: Korean	20	**3.3**	*0.74*	0.36	*0.09*	84	**11.5**	*1.29*	1.26	*0.15*
*USA, California, Los Angeles County: Non−Hispanic White	555	**5.0**	*0.22*	0.52	*0.03*	1394	**13.5**	*0.39*	1.31	*0.04*
*USA, California, Los Angeles County: White	798	**3.8**	*0.14*	0.41	*0.02*	2606	**12.2**	*0.24*	1.21	*0.03*
USA, California, San Francisco Bay Area	363	**2.7**	*0.14*	0.28	*0.02*	1266	**9.4**	*0.28*	0.91	*0.03*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	81	**2.7**	*0.30*	0.27	*0.04*	347	**10.7**	*0.60*	1.05	*0.06*
*USA, California, San Francisco Bay Area: Black	15	**1.4**	*0.37*	0.17	*0.05*	64	**4.7**	*0.60*	0.51	*0.07*
*USA, California, San Francisco Bay Area: Hispanic White	37	**2.2**	*0.39*	0.25	*0.06*	186	**9.9**	*0.74*	0.96	*0.08*
*USA, California, San Francisco Bay Area: Non−Hispanic White	219	**3.0**	*0.21*	0.31	*0.02*	650	**9.7**	*0.41*	0.92	*0.04*
*USA, California, San Francisco Bay Area: White	256	**2.7**	*0.18*	0.29	*0.02*	836	**9.6**	*0.35*	0.92	*0.03*
USA, Colorado	614	**4.2**	*0.17*	0.46	*0.02*	1890	**13.2**	*0.31*	1.25	*0.03*
USA, Colorado: Asian and Pacific Islander	8	**2.3**	*0.84*	0.18	*0.08*	47	**11.4**	*1.70*	1.14	*0.19*
USA, Colorado: Black	10	**1.9**	*0.62*	0.21	*0.08*	57	**10.6**	*1.43*	1.14	*0.18*
USA, Colorado: White	580	**4.3**	*0.18*	0.47	*0.02*	1733	**13.2**	*0.33*	1.25	*0.03*
USA, Connecticut	632	**5.8**	*0.24*	0.60	*0.03*	2021	**17.7**	*0.41*	1.73	*0.04*
*USA, Connecticut: Black	30	**3.4**	*0.63*	0.35	*0.07*	90	**8.1**	*0.87*	0.85	*0.10*
*USA, Connecticut: White	585	**6.1**	*0.26*	0.63	*0.03*	1853	**18.7**	*0.46*	1.82	*0.05*
USA, Delaware	114	**4.1**	*0.39*	0.45	*0.05*	351	**12.8**	*0.71*	1.30	*0.07*
USA, Delaware: Black	11	**2.7**	*0.82*	0.36	*0.13*	50	**9.7**	*1.39*	1.03	*0.16*
USA, Delaware: White	103	**4.5**	*0.46*	0.49	*0.05*	293	**13.9**	*0.85*	1.40	*0.09*
USA, Florida	2178	**3.6**	*0.08*	0.39	*0.01*	6521	**11.2**	*0.15*	1.09	*0.01*
USA, Florida: Asian and Pacific Islander	24	**2.0**	*0.43*	0.25	*0.06*	123	**8.5**	*0.78*	0.89	*0.09*
USA, Florida: Black	102	**1.5**	*0.15*	0.19	*0.02*	575	**7.0**	*0.30*	0.71	*0.03*
USA, Florida: White	2009	**3.8**	*0.09*	0.41	*0.01*	5666	**11.9**	*0.17*	1.14	*0.02*
USA, Georgia	855	**3.2**	*0.11*	0.36	*0.01*	2908	**10.2**	*0.19*	1.00	*0.02*
USA, Georgia: Asian and Pacific Islander	6	**0.9**	*0.39*	0.13	*0.07*	81	**10.2**	*1.17*	1.00	*0.13*
USA, Georgia: Black	109	**1.8**	*0.18*	0.22	*0.03*	551	**6.6**	*0.29*	0.66	*0.03*
USA, Georgia: White	732	**3.8**	*0.14*	0.41	*0.02*	2246	**11.8**	*0.26*	1.14	*0.03*
USA, Georgia, Atlanta	326	**3.7**	*0.21*	0.43	*0.03*	1129	**11.0**	*0.34*	1.09	*0.04*
*USA, Georgia, Atlanta: Black	44	**1.7**	*0.28*	0.22	*0.04*	245	**6.4**	*0.43*	0.64	*0.05*
*USA, Georgia, Atlanta: White	273	**4.7**	*0.29*	0.54	*0.04*	812	**14.1**	*0.51*	1.36	*0.05*
USA, Idaho	191	**4.4**	*0.32*	0.46	*0.04*	701	**16.9**	*0.66*	1.61	*0.07*
USA, Illinois	1570	**4.1**	*0.10*	0.43	*0.01*	5056	**12.8**	*0.19*	1.23	*0.02*
USA, Illinois: Asian and Pacific Islander	41	**3.0**	*0.47*	0.38	*0.07*	162	**9.8**	*0.78*	1.03	*0.10*
USA, Illinois: Black	87	**1.9**	*0.21*	0.21	*0.03*	387	**6.4**	*0.33*	0.67	*0.04*
USA, Illinois: White	1386	**4.3**	*0.12*	0.45	*0.01*	4362	**13.8**	*0.22*	1.31	*0.02*
USA, Indiana	677	**3.6**	*0.14*	0.37	*0.02*	2113	**11.0**	*0.25*	1.05	*0.02*
USA, Indiana: Black	28	**1.9**	*0.36*	0.16	*0.04*	103	**6.3**	*0.64*	0.62	*0.07*
USA, Indiana: White	632	**3.7**	*0.15*	0.39	*0.02*	1945	**11.3**	*0.27*	1.07	*0.03*
USA, Iowa	419	**4.4**	*0.22*	0.48	*0.03*	1104	**12.4**	*0.39*	1.16	*0.04*
USA, Kentucky	520	**4.0**	*0.18*	0.42	*0.02*	1695	**12.7**	*0.32*	1.21	*0.03*
USA, Louisiana	340	**3.2**	*0.18*	0.34	*0.02*	1066	**9.6**	*0.30*	0.94	*0.03*
*USA, Louisiana: Black	37	**1.3**	*0.23*	0.14	*0.03*	209	**6.1**	*0.43*	0.64	*0.05*
*USA, Louisiana: White	297	**3.8**	*0.23*	0.41	*0.03*	838	**11.4**	*0.41*	1.09	*0.04*
*USA, Louisiana, New Orleans	57	**2.7**	*0.37*	0.30	*0.05*	184	**8.2**	*0.62*	0.78	*0.06*
*USA, Louisiana, New Orleans: Black	8	**1.1**	*0.39*	0.10	*0.04*	53	**5.7**	*0.80*	0.57	*0.09*
*USA, Louisiana, New Orleans: White	46	**3.4**	*0.52*	0.39	*0.07*	123	**9.9**	*0.94*	0.93	*0.09*
USA, Maine	154	**3.7**	*0.32*	0.36	*0.03*	583	**13.9**	*0.62*	1.25	*0.06*
USA, Massachusetts	1206	**5.9**	*0.17*	0.62	*0.02*	3967	**18.7**	*0.31*	1.82	*0.03*
USA, Massachusetts: Asian and Pacific Islander	36	**4.4**	*0.78*	0.49	*0.10*	173	**19.6**	*1.55*	2.14	*0.20*
USA, Massachusetts: Black	32	**2.9**	*0.54*	0.29	*0.06*	189	**14.6**	*1.08*	1.50	*0.13*
USA, Massachusetts: White	1107	**6.0**	*0.19*	0.63	*0.02*	3481	**18.6**	*0.33*	1.79	*0.03*
USA, Michigan	1202	**3.7**	*0.11*	0.41	*0.01*	3650	**11.5**	*0.20*	1.10	*0.02*
USA, Michigan: Asian and Pacific Islander	16	**3.1**	*0.81*	0.34	*0.11*	58	**8.7**	*1.19*	0.91	*0.15*
USA, Michigan: Black	93	**2.6**	*0.27*	0.28	*0.03*	348	**7.7**	*0.42*	0.80	*0.05*
USA, Michigan: White	1058	**3.8**	*0.12*	0.41	*0.01*	3138	**12.0**	*0.22*	1.13	*0.02*
USA, Michigan, Detroit	547	**4.3**	*0.19*	0.47	*0.02*	1558	**11.7**	*0.31*	1.16	*0.03*
*USA, Michigan, Detroit: Black	73	**2.8**	*0.34*	0.29	*0.04*	258	**7.7**	*0.49*	0.82	*0.06*
*USA, Michigan, Detroit: White	453	**4.8**	*0.23*	0.52	*0.03*	1243	**13.3**	*0.40*	1.29	*0.04*
USA, Mississippi	269	**3.2**	*0.20*	0.34	*0.02*	829	**9.1**	*0.33*	0.90	*0.03*
USA, Missouri	721	**4.0**	*0.15*	0.45	*0.02*	2190	**11.9**	*0.26*	1.15	*0.03*
USA, Missouri: Black	39	**2.3**	*0.38*	0.25	*0.05*	181	**8.9**	*0.67*	0.94	*0.08*
USA, Missouri: White	659	**4.1**	*0.17*	0.46	*0.02*	1947	**12.2**	*0.29*	1.17	*0.03*
USA, Montana	121	**3.8**	*0.35*	0.41	*0.04*	413	**14.5**	*0.75*	1.35	*0.07*
USA, Montana: American Indian	3	**2.1**	*1.27*	0.20	*0.13*	17	**11.2**	*2.76*	1.11	*0.29*
USA, Nebraska	210	**3.9**	*0.28*	0.41	*0.03*	747	**14.1**	*0.54*	1.34	*0.05*
USA, Nebraska: Black	5	**2.6**	*1.19*	0.28	*0.19*	14	**7.3**	*1.99*	0.82	*0.24*
USA, Nebraska: White	201	**4.0**	*0.29*	0.41	*0.03*	715	**14.4**	*0.56*	1.36	*0.06*
USA, New Hampshire	184	**4.3**	*0.33*	0.44	*0.04*	604	**14.7**	*0.63*	1.41	*0.06*
USA, New Jersey	1436	**5.3**	*0.14*	0.55	*0.02*	4676	**16.6**	*0.25*	1.60	*0.03*
*USA, New Jersey: Black	83	**2.7**	*0.30*	0.28	*0.04*	344	**8.6**	*0.47*	0.89	*0.05*
*USA, New Jersey: White	1248	**5.7**	*0.17*	0.59	*0.02*	3925	**17.9**	*0.30*	1.72	*0.03*
USA, New Mexico	263	**4.2**	*0.27*	0.46	*0.03*	914	**15.5**	*0.53*	1.49	*0.05*
*USA, New Mexico: Hispanic White	70	**3.3**	*0.40*	0.39	*0.05*	324	**14.6**	*0.82*	1.42	*0.09*
*USA, New Mexico: Non−Hispanic White	180	**5.5**	*0.44*	0.57	*0.05*	524	**18.6**	*0.89*	1.75	*0.08*
*USA, New Mexico: White	250	**4.5**	*0.30*	0.49	*0.04*	848	**16.6**	*0.59*	1.59	*0.06*
USA, New York State	2973	**5.0**	*0.09*	0.53	*0.01*	9246	**14.6**	*0.16*	1.41	*0.02*
USA, New York State: Asian and Pacific Islander	152	**3.8**	*0.32*	0.40	*0.04*	573	**13.6**	*0.58*	1.34	*0.06*
USA, New York State: Black	190	**2.2**	*0.16*	0.24	*0.02*	864	**7.8**	*0.27*	0.79	*0.03*
USA, New York State: White	2545	**5.4**	*0.11*	0.58	*0.01*	7462	**15.8**	*0.19*	1.51	*0.02*
USA, North Carolina	955	**3.5**	*0.12*	0.39	*0.01*	3166	**11.4**	*0.21*	1.10	*0.02*
USA, North Carolina: American Indian	6	**1.7**	*0.71*	0.16	*0.07*	16	**4.8**	*1.22*	0.42	*0.11*
USA, North Carolina: Asian and Pacific Islander	4	**0.8**	*0.46*	0.04	*0.02*	51	**10.2**	*1.49*	0.97	*0.15*
USA, North Carolina: Black	92	**1.9**	*0.20*	0.20	*0.02*	495	**8.2**	*0.38*	0.81	*0.04*
USA, North Carolina: White	840	**3.9**	*0.14*	0.43	*0.02*	2546	**12.3**	*0.25*	1.17	*0.02*
USA, North Dakota	90	**4.3**	*0.47*	0.47	*0.06*	242	**12.5**	*0.85*	1.21	*0.08*
USA, Ohio	1268	**3.5**	*0.10*	0.37	*0.01*	4204	**11.4**	*0.18*	1.11	*0.02*
USA, Ohio: Asian and Pacific Islander	4	**0.7**	*0.37*	0.06	*0.03*	29	**5.3**	*1.00*	0.53	*0.12*
USA, Ohio: Black	78	**2.1**	*0.25*	0.22	*0.03*	329	**7.6**	*0.43*	0.81	*0.05*
USA, Ohio: White	1146	**3.6**	*0.11*	0.38	*0.01*	3692	**11.7**	*0.20*	1.12	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Thyroid (C73) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	282	**2.5**	*0.15*	0.28	*0.02*	1013	**9.1**	*0.30*	0.89	*0.03*
USA, Oklahoma: American Indian	17	**2.2**	*0.54*	0.27	*0.08*	97	**11.0**	*1.13*	1.13	*0.13*
USA, Oklahoma: Black	10	**1.5**	*0.50*	0.21	*0.08*	45	**5.7**	*0.87*	0.65	*0.11*
USA, Oklahoma: White	249	**2.6**	*0.17*	0.29	*0.02*	850	**9.3**	*0.34*	0.90	*0.03*
USA, Oregon	456	**3.8**	*0.18*	0.41	*0.02*	1285	**11.2**	*0.32*	1.05	*0.03*
USA, Oregon: Asian and Pacific Islander	11	**3.0**	*0.92*	0.32	*0.13*	49	**10.7**	*1.55*	1.07	*0.18*
USA, Oregon: Black	4	**2.6**	*1.33*	0.28	*0.20*	13	**6.5**	*1.85*	0.57	*0.19*
USA, Oregon: White	410	**3.6**	*0.19*	0.39	*0.02*	1115	**10.4**	*0.33*	0.99	*0.03*
USA, Pennsylvania	2115	**5.2**	*0.12*	0.56	*0.01*	7427	**18.3**	*0.22*	1.78	*0.02*
USA, Pennsylvania: Asian and Pacific Islander	26	**3.2**	*0.64*	0.35	*0.08*	118	**13.9**	*1.32*	1.40	*0.16*
USA, Pennsylvania: Black	102	**3.1**	*0.32*	0.36	*0.04*	478	**11.7**	*0.55*	1.20	*0.06*
USA, Pennsylvania: White	1942	**5.3**	*0.13*	0.57	*0.01*	6624	**18.7**	*0.24*	1.81	*0.02*
USA, Rhode Island	187	**5.5**	*0.41*	0.57	*0.05*	578	**17.0**	*0.74*	1.64	*0.07*
USA, Rhode Island: Black	5	**2.4**	*1.09*	0.15	*0.07*	28	**15.0**	*2.90*	1.48	*0.32*
USA, Rhode Island: White	180	**5.7**	*0.44*	0.60	*0.05*	523	**16.9**	*0.78*	1.63	*0.08*
USA, South Carolina	390	**2.9**	*0.15*	0.32	*0.02*	1290	**9.2**	*0.27*	0.92	*0.03*
USA, South Carolina: Black	53	**1.7**	*0.24*	0.19	*0.03*	260	**6.5**	*0.41*	0.66	*0.05*
USA, South Carolina: White	331	**3.3**	*0.19*	0.35	*0.02*	1008	**10.4**	*0.34*	1.02	*0.03*
USA, South Dakota	80	**3.1**	*0.37*	0.32	*0.04*	263	**11.3**	*0.73*	1.06	*0.07*
USA, Tennessee	729	**3.9**	*0.15*	0.44	*0.02*	2316	**11.7**	*0.25*	1.14	*0.03*
USA, Tennessee: Black	43	**1.8**	*0.28*	0.21	*0.04*	219	**7.1**	*0.49*	0.72	*0.06*
USA, Tennessee: White	676	**4.3**	*0.17*	0.47	*0.02*	2053	**12.7**	*0.29*	1.22	*0.03*
USA, Texas	2488	**3.8**	*0.08*	0.42	*0.01*	7811	**11.5**	*0.13*	1.13	*0.01*
USA, Texas: Asian and Pacific Islander	42	**2.1**	*0.34*	0.23	*0.04*	187	**7.7**	*0.58*	0.75	*0.07*
USA, Texas: Black	146	**2.3**	*0.19*	0.26	*0.03*	595	**7.3**	*0.31*	0.74	*0.04*
USA, Texas: White	2232	**4.0**	*0.09*	0.44	*0.01*	6760	**11.9**	*0.15*	1.17	*0.02*
USA, Utah	330	**5.2**	*0.29*	0.58	*0.04*	1092	**16.6**	*0.51*	1.59	*0.05*
USA, Vermont	87	**4.3**	*0.48*	0.44	*0.05*	295	**14.7**	*0.90*	1.37	*0.09*
USA, Virginia	831	**3.6**	*0.13*	0.39	*0.01*	2476	**10.3**	*0.21*	0.98	*0.02*
USA, Virginia: Asian and Pacific Islander	25	**2.5**	*0.51*	0.25	*0.06*	132	**10.7**	*0.95*	1.02	*0.10*
USA, Virginia: Black	75	**1.9**	*0.22*	0.21	*0.03*	326	**6.8**	*0.39*	0.68	*0.04*
USA, Virginia: White	708	**3.9**	*0.15*	0.42	*0.02*	1907	**10.6**	*0.25*	1.01	*0.02*
USA, Washington State	830	**4.2**	*0.15*	0.45	*0.02*	2483	**12.7**	*0.26*	1.21	*0.03*
USA, Washington, Seattle	598	**4.4**	*0.18*	0.48	*0.02*	1855	**13.6**	*0.33*	1.30	*0.03*
USA, West Virginia	245	**4.0**	*0.27*	0.45	*0.03*	702	**11.5**	*0.46*	1.11	*0.04*
USA, Wisconsin	632	**3.6**	*0.15*	0.39	*0.02*	1875	**11.0**	*0.27*	1.02	*0.03*
USA, Wisconsin: Black	13	**1.9**	*0.55*	0.25	*0.09*	59	**6.5**	*0.87*	0.70	*0.11*
USA, Wisconsin: White	600	**3.6**	*0.15*	0.40	*0.02*	1763	**11.3**	*0.28*	1.04	*0.03*
USA, Wyoming	66	**3.9**	*0.49*	0.46	*0.06*	266	**17.2**	*1.10*	1.75	*0.12*
Asia										
Bahrain: Bahraini	22	**2.5**	*0.57*	0.30	*0.08*	66	**7.1**	*0.92*	0.63	*0.10*
China, Beijing City	428	**1.6**	*0.08*	0.16	*0.01*	1326	**5.3**	*0.16*	0.51	*0.01*
*China, Cixian County	9	**0.7**	*0.24*	0.08	*0.03*	18	**1.2**	*0.30*	0.12	*0.03*
China, Haining County	14	**0.7**	*0.19*	0.07	*0.02*	50	**2.3**	*0.34*	0.24	*0.04*
*China, Harbin City, Nangang District	43	**1.4**	*0.21*	0.12	*0.02*	118	**3.5**	*0.33*	0.36	*0.04*
China, Hong Kong	563	**2.5**	*0.11*	0.25	*0.01*	1926	**7.8**	*0.19*	0.76	*0.02*
China, Jiashan County	11	**0.9**	*0.30*	0.09	*0.03*	64	**4.3**	*0.55*	0.45	*0.06*
China, Jiaxing City	19	**1.7**	*0.41*	0.19	*0.05*	61	**5.7**	*0.76*	0.62	*0.09*
China, Macao	31	**2.4**	*0.45*	0.25	*0.06*	138	**8.5**	*0.77*	0.85	*0.09*
China, Qidong County	17	**0.4**	*0.10*	0.04	*0.01*	59	**1.5**	*0.21*	0.14	*0.02*
*China, Shanghai City	615	**2.6**	*0.12*	0.26	*0.01*	2100	**9.1**	*0.21*	0.87	*0.02*
*China, Wuhan City	191	**1.3**	*0.09*	0.13	*0.01*	680	**4.8**	*0.19*	0.45	*0.02*
*China, Yangcheng County	3	**0.3**	*0.19*	0.06	*0.04*	9	**0.9**	*0.31*	0.10	*0.04*
*China, Yanting County	2	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.09*	0.01	*0.01*
*China, Zhongshan City	42	**1.4**	*0.22*	0.13	*0.02*	156	**5.1**	*0.42*	0.49	*0.04*
*India, Bangalore	111	**1.3**	*0.13*	0.14	*0.02*	330	**3.8**	*0.22*	0.40	*0.03*
*India; Barshi, Paranda, and Bhum	5	**0.4**	*0.20*	0.04	*0.02*	7	**0.6**	*0.23*	0.06	*0.02*
*India, Bhopal	20	**0.8**	*0.19*	0.10	*0.03*	42	**1.8**	*0.29*	0.19	*0.03*
*India, Chennai	146	**1.3**	*0.11*	0.15	*0.01*	323	**2.8**	*0.16*	0.28	*0.02*
*India, Dindigul, Ambilikkai	25	**0.5**	*0.10*	0.06	*0.01*	71	**1.4**	*0.17*	0.14	*0.02*
*India, Karunagappally	20	**1.7**	*0.39*	0.15	*0.04*	77	**6.0**	*0.69*	0.50	*0.06*
*India, Mizoram	22	**1.4**	*0.30*	0.17	*0.05*	47	**2.8**	*0.42*	0.29	*0.05*
*India, Mumbai	214	**0.7**	*0.05*	0.07	*0.01*	466	**1.6**	*0.08*	0.17	*0.01*
*India, New Delhi	328	**1.1**	*0.06*	0.12	*0.01*	734	**2.5**	*0.10*	0.26	*0.01*
*India, Poona	44	**0.5**	*0.08*	0.06	*0.01*	101	**1.2**	*0.12*	0.15	*0.02*
*India, Sikkim State	15	**1.6**	*0.42*	0.16	*0.05*	16	**2.0**	*0.52*	0.29	*0.09*
*India, Trivandrum	35	**2.0**	*0.34*	0.17	*0.04*	144	**7.3**	*0.62*	0.63	*0.06*
*Iran (Islamic Republic of), Golestan Province	22	**1.2**	*0.27*	0.12	*0.03*	64	**3.0**	*0.40*	0.29	*0.05*
Israel	779	**4.6**	*0.17*	0.51	*0.02*	2521	**14.0**	*0.29*	1.43	*0.03*
*Israel: Jews	697	**4.8**	*0.19*	0.52	*0.02*	2268	**14.7**	*0.32*	1.50	*0.03*
*Israel: Non–Jews	82	**3.6**	*0.42*	0.43	*0.06*	253	**9.3**	*0.61*	0.88	*0.07*
Japan, Aichi Prefecture	89	**1.8**	*0.19*	0.18	*0.02*	279	**5.7**	*0.36*	0.62	*0.04*
Japan, Fukui Prefecture	120	**3.8**	*0.37*	0.42	*0.04*	373	**11.2**	*0.65*	1.20	*0.07*
Japan, Hiroshima	215	**4.9**	*0.35*	0.55	*0.04*	785	**16.8**	*0.65*	1.82	*0.07*
Japan, Miyagi Prefecture	231	**2.4**	*0.17*	0.27	*0.02*	962	**10.7**	*0.37*	1.11	*0.04*
Japan, Nagasaki Prefecture	190	**3.1**	*0.26*	0.33	*0.03*	593	**9.4**	*0.45*	0.97	*0.04*
Japan, Niigata Prefecture	168	**1.7**	*0.15*	0.18	*0.02*	530	**5.3**	*0.27*	0.54	*0.03*
*Japan, Osaka Prefecture	529	**1.4**	*0.07*	0.15	*0.01*	1518	**3.8**	*0.11*	0.41	*0.01*
Japan, Saga Prefecture	52	**1.3**	*0.20*	0.14	*0.02*	128	**2.6**	*0.28*	0.30	*0.03*
Republic of Korea	9699	**6.4**	*0.07*	0.66	*0.01*	58098	**37.4**	*0.16*	3.67	*0.02*
Republic of Korea, Busan	476	**4.2**	*0.20*	0.44	*0.02*	3234	**26.1**	*0.47*	2.56	*0.05*
Republic of Korea, Daegu	481	**6.5**	*0.31*	0.70	*0.04*	3941	**47.8**	*0.77*	4.67	*0.08*
Republic of Korea, Daejeon	296	**6.9**	*0.41*	0.71	*0.05*	2405	**53.2**	*1.10*	5.17	*0.12*
Republic of Korea, Gwangju	531	**13.2**	*0.59*	1.32	*0.07*	3064	**70.7**	*1.29*	6.98	*0.14*
Republic of Korea, Incheon	283	**3.7**	*0.23*	0.37	*0.03*	1857	**23.2**	*0.55*	2.26	*0.06*
Republic of Korea, Jejudo	96	**7.2**	*0.75*	0.74	*0.09*	508	**37.1**	*1.68*	3.74	*0.18*
Republic of Korea, Seoul	2465	**7.8**	*0.16*	0.79	*0.02*	13883	**41.2**	*0.35*	4.11	*0.04*
Republic of Korea, Ulsan	233	**7.5**	*0.53*	0.79	*0.07*	1321	**40.9**	*1.18*	4.09	*0.13*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Thyroid (C73) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	100	**1.4**	*0.21*	0.15	*0.03*	306	**6.2**	*0.44*	0.61	*0.06*
*Kuwait: Kuwaitis	44	**2.8**	*0.47*	0.28	*0.06*	182	**9.0**	*0.71*	0.88	*0.08*
*Kuwait: Non−Kuwaitis	56	**0.9**	*0.22*	0.11	*0.04*	124	**4.4**	*0.61*	0.38	*0.06*
*Malaysia, Penang	26	**1.1**	*0.21*	0.12	*0.03*	75	**2.6**	*0.31*	0.28	*0.04*
*Malaysia, Penang: Chinese	12	**0.9**	*0.26*	0.09	*0.03*	43	**2.9**	*0.46*	0.29	*0.05*
*Malaysia, Penang: Indian	2	**0.9**	*0.70*	0.13	*0.11*	8	**2.8**	*1.03*	0.33	*0.13*
*Malaysia, Penang: Malay	12	**1.5**	*0.45*	0.19	*0.07*	22	**2.0**	*0.45*	0.25	*0.07*
*Philippines, Manila	372	**3.7**	*0.22*	0.43	*0.03*	1579	**12.4**	*0.34*	1.28	*0.04*
*Philippines, Rizal	341	**3.3**	*0.20*	0.36	*0.03*	1477	**10.9**	*0.31*	1.13	*0.04*
Qatar: Qatari	8	**2.6**	*1.02*	0.37	*0.16*	32	**7.7**	*1.44*	0.66	*0.16*
*Saudi Arabia, Riyadh: Saudi	161	**2.5**	*0.22*	0.27	*0.03*	705	**10.2**	*0.43*	0.99	*0.05*
Singapore	215	**2.1**	*0.15*	0.23	*0.02*	650	**5.9**	*0.24*	0.57	*0.03*
Singapore: Chinese	172	**2.1**	*0.16*	0.23	*0.02*	498	**5.7**	*0.26*	0.55	*0.03*
Singapore: Indian	12	**1.8**	*0.54*	0.23	*0.08*	39	**4.8**	*0.80*	0.50	*0.10*
Singapore: Malay	28	**2.3**	*0.46*	0.23	*0.06*	96	**7.5**	*0.79*	0.71	*0.09*
Thailand, Bangkok	773	**5.6**	*0.21*	0.64	*0.03*	1109	**5.8**	*0.18*	0.62	*0.02*
Thailand, Chiang Mai	47	**1.0**	*0.15*	0.10	*0.02*	179	**3.7**	*0.28*	0.35	*0.03*
Thailand, Chonburi	43	**1.5**	*0.23*	0.14	*0.03*	216	**6.4**	*0.45*	0.58	*0.05*
*Thailand, Khon Kaen	42	**0.9**	*0.15*	0.10	*0.02*	241	**4.7**	*0.31*	0.46	*0.04*
Thailand, Lampang	20	**0.8**	*0.19*	0.08	*0.02*	113	**4.5**	*0.43*	0.43	*0.04*
*Thailand, Songkhla	45	**1.7**	*0.26*	0.18	*0.03*	147	**4.8**	*0.40*	0.48	*0.05*
*Turkey, Antalya	83	**2.1**	*0.23*	0.24	*0.03*	329	**7.8**	*0.44*	0.77	*0.05*
*Turkey, Edirne	19	**2.0**	*0.45*	0.19	*0.05*	75	**7.7**	*0.90*	0.70	*0.09*
*Turkey, Izmir	343	**3.4**	*0.18*	0.35	*0.02*	1517	**14.3**	*0.37*	1.38	*0.04*
*Turkey, Trabzon	33	**2.8**	*0.49*	0.31	*0.06*	206	**17.2**	*1.21*	1.62	*0.12*
Europe										
Austria	1075	**3.9**	*0.12*	0.41	*0.01*	2690	**9.2**	*0.19*	0.93	*0.02*
Austria, Tyrol	107	**4.6**	*0.46*	0.51	*0.05*	222	**9.4**	*0.66*	0.93	*0.07*
Austria, Vorarlberg	21	**1.8**	*0.39*	0.21	*0.05*	63	**4.9**	*0.67*	0.46	*0.07*
*Belarus	975	**3.5**	*0.12*	0.33	*0.01*	4465	**13.6**	*0.21*	1.30	*0.02*
*Belgium	691	**2.4**	*0.10*	0.25	*0.01*	2018	**7.2**	*0.17*	0.69	*0.02*
Bulgaria	245	**0.9**	*0.06*	0.10	*0.01*	993	**3.6**	*0.12*	0.35	*0.01*
Croatia	419	**2.8**	*0.15*	0.29	*0.02*	1713	**10.9**	*0.28*	1.09	*0.03*
Cyprus	90	**4.0**	*0.43*	0.38	*0.04*	301	**13.0**	*0.76*	1.16	*0.07*
Czech Republic	766	**2.2**	*0.08*	0.23	*0.01*	3054	**8.2**	*0.16*	0.83	*0.02*
Denmark	243	**1.3**	*0.09*	0.13	*0.01*	633	**3.5**	*0.15*	0.32	*0.01*
*Estonia	64	**1.5**	*0.19*	0.15	*0.02*	307	**5.5**	*0.34*	0.57	*0.04*
Finland	439	**2.4**	*0.12*	0.24	*0.01*	1344	**7.3**	*0.21*	0.71	*0.02*
*France, Bas−Rhin	89	**2.6**	*0.28*	0.27	*0.03*	255	**7.3**	*0.48*	0.71	*0.05*
*France, Calvados	61	**2.9**	*0.38*	0.31	*0.04*	237	**10.9**	*0.75*	1.06	*0.07*
*France, Doubs	55	**3.1**	*0.43*	0.32	*0.05*	173	**10.0**	*0.79*	1.03	*0.08*
*France, Haut−Rhin	64	**2.7**	*0.36*	0.27	*0.04*	139	**5.7**	*0.51*	0.56	*0.05*
*France, Hérault	83	**2.7**	*0.31*	0.28	*0.03*	261	**8.0**	*0.52*	0.80	*0.05*
*France, Isère	242	**6.7**	*0.44*	0.69	*0.05*	777	**20.6**	*0.77*	2.12	*0.08*
*France, Loire−Atlantique	145	**3.9**	*0.34*	0.40	*0.04*	484	**12.5**	*0.59*	1.18	*0.06*
*France, Manche	51	**3.5**	*0.52*	0.32	*0.05*	127	**8.1**	*0.78*	0.76	*0.07*
*France, Somme	66	**3.7**	*0.46*	0.41	*0.05*	229	**12.0**	*0.83*	1.24	*0.09*
*France, Tarn	50	**3.7**	*0.55*	0.42	*0.06*	145	**12.4**	*1.12*	1.20	*0.10*
*France, Vendée	110	**5.4**	*0.55*	0.58	*0.06*	342	**18.0**	*1.05*	1.79	*0.10*
Germany, Brandenburg	274	**2.7**	*0.18*	0.30	*0.02*	690	**7.0**	*0.30*	0.71	*0.03*
Germany, Bremen	39	**1.8**	*0.30*	0.18	*0.03*	117	**4.7**	*0.49*	0.44	*0.05*
Germany, Free State of Saxony	364	**2.1**	*0.12*	0.23	*0.01*	830	**4.9**	*0.20*	0.48	*0.02*
Germany, Hamburg	71	**1.1**	*0.15*	0.11	*0.02*	194	**2.8**	*0.23*	0.28	*0.02*
Germany, Mecklenburg−Western Pomerania	138	**2.1**	*0.19*	0.24	*0.02*	388	**6.3**	*0.35*	0.61	*0.03*
Germany, Munich	533	**3.7**	*0.17*	0.40	*0.02*	1396	**9.9**	*0.28*	1.00	*0.03*
Germany, North Rhine−Westphalia	182	**2.0**	*0.16*	0.20	*0.02*	442	**4.7**	*0.24*	0.46	*0.02*
Germany, Saarland	69	**1.9**	*0.25*	0.19	*0.02*	177	**4.5**	*0.38*	0.44	*0.04*
Germany, Schleswig−Holstein	176	**1.6**	*0.13*	0.17	*0.01*	437	**4.2**	*0.22*	0.42	*0.02*
Iceland	37	**3.5**	*0.60*	0.40	*0.09*	108	**12.0**	*1.19*	1.19	*0.13*
Ireland	166	**1.3**	*0.10*	0.15	*0.01*	430	**3.4**	*0.17*	0.32	*0.02*
Italy, Biella	25	**3.8**	*0.89*	0.40	*0.08*	70	**9.9**	*1.36*	1.00	*0.13*
Italy, Brescia	193	**6.8**	*0.52*	0.66	*0.05*	535	**18.0**	*0.84*	1.80	*0.08*
Italy, Catania and Messina	210	**6.6**	*0.47*	0.65	*0.05*	873	**25.7**	*0.90*	2.48	*0.09*
Italy, Catanzaro	35	**5.0**	*0.91*	0.46	*0.08*	105	**13.4**	*1.36*	1.28	*0.13*
Italy, Como	70	**3.6**	*0.45*	0.37	*0.05*	175	**9.1**	*0.75*	0.88	*0.07*
Italy, Ferrara	118	**9.6**	*1.06*	0.91	*0.09*	403	**31.3**	*1.86*	3.03	*0.16*
Italy, Florence and Prato	113	**4.7**	*0.51*	0.47	*0.05*	310	**11.7**	*0.75*	1.16	*0.07*
Italy, Friuli−Venezia Giulia	172	**3.8**	*0.32*	0.40	*0.03*	502	**11.4**	*0.57*	1.11	*0.05*
Italy, Genoa	119	**4.2**	*0.44*	0.44	*0.04*	347	**11.8**	*0.75*	1.20	*0.07*
Italy, Latina	170	**9.8**	*0.77*	0.97	*0.08*	549	**31.8**	*1.42*	3.06	*0.13*
Italy, Lecco	41	**3.4**	*0.55*	0.36	*0.06*	106	**9.3**	*1.01*	0.90	*0.09*
Italy, Lombardy, South	48	**2.9**	*0.45*	0.27	*0.04*	174	**10.7**	*0.90*	1.05	*0.09*
Italy, Mantua	55	**6.6**	*0.97*	0.71	*0.10*	148	**17.4**	*1.55*	1.77	*0.15*
Italy, Milan	161	**4.1**	*0.36*	0.42	*0.04*	368	**9.1**	*0.55*	0.90	*0.05*
Italy, Modena	219	**9.2**	*0.65*	0.99	*0.07*	585	**24.5**	*1.09*	2.52	*0.11*
Italy, Naples	91	**5.5**	*0.58*	0.56	*0.06*	217	**12.9**	*0.89*	1.19	*0.09*
Italy, Nuoro	53	**6.1**	*0.87*	0.62	*0.09*	203	**24.6**	*1.82*	2.34	*0.17*
Italy, Palermo	146	**4.6**	*0.40*	0.46	*0.04*	540	**16.8**	*0.75*	1.61	*0.07*
Italy, Parma	119	**8.2**	*0.81*	0.86	*0.08*	373	**24.6**	*1.37*	2.49	*0.13*
Italy, Ragusa	41	**4.2**	*0.67*	0.45	*0.07*	206	**20.4**	*1.49*	1.94	*0.14*
Italy, Reggio Emilia	124	**7.3**	*0.71*	0.74	*0.07*	340	**20.1**	*1.18*	1.94	*0.11*
Italy, Romagna	269	**6.0**	*0.40*	0.64	*0.04*	976	**23.3**	*0.82*	2.30	*0.08*
Italy, Salerno	153	**4.6**	*0.38*	0.43	*0.04*	537	**15.9**	*0.72*	1.41	*0.06*
Italy, Sassari	93	**6.0**	*0.66*	0.57	*0.06*	326	**19.6**	*1.15*	1.97	*0.11*
Italy, Sondrio	29	**4.9**	*0.94*	0.51	*0.10*	68	**10.3**	*1.38*	1.01	*0.13*
Italy, South Tyrol	39	**3.1**	*0.52*	0.33	*0.06*	96	**7.7**	*0.85*	0.75	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Thyroid (C73) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	56	**4.6**	*0.65*	0.43	*0.06*	196	**15.4**	*1.15*	1.43	*0.10*
Italy, Trapani	49	**4.5**	*0.67*	0.44	*0.07*	134	**12.1**	*1.10*	1.16	*0.10*
Italy, Trento	46	**3.5**	*0.56*	0.31	*0.05*	157	**12.2**	*1.03*	1.11	*0.09*
Italy, Turin	124	**3.6**	*0.36*	0.38	*0.04*	406	**11.8**	*0.67*	1.18	*0.06*
Italy, Umbria	122	**3.9**	*0.39*	0.40	*0.04*	359	**11.5**	*0.66*	1.16	*0.06*
Italy, Varese	120	**4.0**	*0.38*	0.41	*0.04*	289	**9.6**	*0.63*	0.88	*0.06*
Italy, Veneto	230	**3.5**	*0.24*	0.38	*0.03*	749	**11.5**	*0.47*	1.13	*0.04*
Latvia	103	**1.7**	*0.17*	0.19	*0.02*	429	**5.8**	*0.30*	0.62	*0.03*
Lithuania	228	**2.3**	*0.15*	0.23	*0.02*	1406	**11.4**	*0.32*	1.17	*0.03*
Malta	28	**2.0**	*0.41*	0.16	*0.04*	107	**8.2**	*0.83*	0.77	*0.08*
*The Netherlands	651	**1.2**	*0.05*	0.12	*0.01*	1561	**2.8**	*0.08*	0.26	*0.01*
*The Netherlands, Eindhoven	49	**1.3**	*0.20*	0.12	*0.02*	88	**2.5**	*0.29*	0.25	*0.03*
Norway	317	**1.9**	*0.11*	0.20	*0.01*	780	**4.9**	*0.19*	0.47	*0.02*
Poland, Cracow	34	**1.8**	*0.31*	0.17	*0.03*	190	**7.8**	*0.60*	0.82	*0.07*
Poland, Kielce	76	**1.8**	*0.21*	0.20	*0.03*	405	**9.1**	*0.47*	0.96	*0.05*
Poland, Lower Silesia	101	**1.2**	*0.12*	0.12	*0.01*	380	**3.5**	*0.19*	0.36	*0.02*
Poland, Podkarpackie	88	**1.4**	*0.15*	0.14	*0.02*	391	**5.7**	*0.30*	0.59	*0.03*
Portugal, Azores	26	**3.7**	*0.73*	0.39	*0.08*	65	**9.1**	*1.15*	0.83	*0.11*
Russian Federation, Saint Petersburg	203	**1.4**	*0.10*	0.16	*0.01*	1109	**5.5**	*0.18*	0.58	*0.02*
*Serbia, Central	208	**1.0**	*0.07*	0.12	*0.01*	635	**3.3**	*0.14*	0.32	*0.01*
Slovakia	254	**1.6**	*0.10*	0.17	*0.01*	954	**5.1**	*0.17*	0.53	*0.02*
Slovenia	141	**2.1**	*0.18*	0.21	*0.02*	529	**7.8**	*0.37*	0.73	*0.03*
Spain, Albacete	17	**1.3**	*0.33*	0.14	*0.04*	68	**5.5**	*0.70*	0.53	*0.07*
Spain, Asturias	66	**1.7**	*0.22*	0.17	*0.02*	241	**5.6**	*0.41*	0.53	*0.04*
Spain, Basque Country	168	**2.2**	*0.18*	0.23	*0.02*	532	**6.9**	*0.32*	0.68	*0.03*
Spain, Canary Islands	81	**1.9**	*0.21*	0.20	*0.02*	318	**7.3**	*0.42*	0.72	*0.04*
Spain, Ciudad Real	20	**1.6**	*0.36*	0.17	*0.04*	108	**8.1**	*0.84*	0.77	*0.08*
Spain, Cuenca	12	**1.8**	*0.58*	0.14	*0.05*	38	**6.0**	*1.11*	0.52	*0.09*
Spain, Girona	36	**1.6**	*0.27*	0.17	*0.03*	145	**7.2**	*0.63*	0.63	*0.06*
*Spain, Granada	57	**2.1**	*0.29*	0.23	*0.03*	178	**6.5**	*0.51*	0.65	*0.05*
Spain, La Rioja	12	**1.2**	*0.36*	0.11	*0.03*	57	**5.6**	*0.77*	0.56	*0.08*
Spain, Mallorca	47	**1.7**	*0.26*	0.18	*0.03*	140	**5.8**	*0.51*	0.57	*0.05*
Spain, Murcia	103	**2.5**	*0.26*	0.26	*0.03*	363	**8.8**	*0.48*	0.87	*0.05*
Spain, Navarra	56	**3.0**	*0.44*	0.28	*0.04*	181	**9.2**	*0.72*	0.89	*0.07*
Spain, Tarragona	40	**1.7**	*0.30*	0.16	*0.03*	100	**4.6**	*0.49*	0.44	*0.05*
*Sweden	438	**1.3**	*0.07*	0.14	*0.01*	1154	**3.7**	*0.12*	0.35	*0.01*
Switzerland, Basel	41	**2.4**	*0.39*	0.26	*0.05*	100	**6.3**	*0.68*	0.60	*0.06*
Switzerland, Geneva	69	**4.8**	*0.59*	0.49	*0.06*	148	**10.1**	*0.88*	1.00	*0.09*
Switzerland, Graubünden and Glarus	20	**2.4**	*0.55*	0.29	*0.07*	46	**5.1**	*0.83*	0.54	*0.09*
Switzerland, Neuchâtel	17	**3.0**	*0.78*	0.31	*0.08*	36	**6.0**	*1.06*	0.63	*0.11*
Switzerland, St Gall−Appenzell	41	**2.4**	*0.38*	0.26	*0.05*	137	**7.3**	*0.67*	0.73	*0.07*
Switzerland, Ticino	21	**2.0**	*0.46*	0.19	*0.04*	98	**8.6**	*0.93*	0.83	*0.09*
Switzerland, Valais	31	**3.1**	*0.58*	0.35	*0.07*	61	**5.6**	*0.76*	0.61	*0.09*
Switzerland, Vaud	49	**2.4**	*0.36*	0.24	*0.04*	126	**5.4**	*0.51*	0.52	*0.05*
Switzerland, Zurich	116	**2.7**	*0.26*	0.27	*0.03*	295	**6.5**	*0.41*	0.61	*0.04*
Ukraine	2167	**1.5**	*0.03*	0.16	*0.00*	10076	**5.9**	*0.06*	0.58	*0.01*
UK, England	2070	**1.2**	*0.03*	0.12	*0.00*	5780	**3.4**	*0.05*	0.32	*0.00*
UK, England, East of England Region	234	**1.2**	*0.09*	0.12	*0.01*	605	**3.2**	*0.14*	0.30	*0.01*
UK, England, North Western	255	**1.2**	*0.08*	0.11	*0.01*	702	**3.2**	*0.13*	0.30	*0.01*
UK, England, Northern and Yorkshire	271	**1.2**	*0.08*	0.11	*0.01*	876	**3.9**	*0.14*	0.36	*0.01*
UK, England, Oxford Region	120	**1.3**	*0.12*	0.13	*0.01*	351	**3.9**	*0.22*	0.37	*0.02*
UK, England, South and Western Regions	283	**1.1**	*0.07*	0.11	*0.01*	800	**3.3**	*0.13*	0.30	*0.01*
UK, England, Thames	473	**1.2**	*0.06*	0.13	*0.01*	1262	**3.2**	*0.10*	0.30	*0.01*
UK, England, Trent	146	**1.4**	*0.12*	0.14	*0.01*	354	**3.6**	*0.21*	0.34	*0.02*
UK, England, West Midlands	222	**1.2**	*0.09*	0.12	*0.01*	650	**3.6**	*0.15*	0.34	*0.01*
UK, Northern Ireland	55	**1.0**	*0.14*	0.10	*0.02*	172	**3.0**	*0.24*	0.30	*0.02*
UK, Scotland	227	**1.3**	*0.09*	0.13	*0.01*	587	**3.3**	*0.15*	0.31	*0.01*
UK, Wales	119	**1.1**	*0.11*	0.12	*0.01*	266	**2.7**	*0.19*	0.24	*0.02*
Oceania										
Australian Capital Territory	33	**3.3**	*0.58*	0.33	*0.06*	72	**7.1**	*0.85*	0.68	*0.09*
Australia, New South Wales	713	**3.3**	*0.13*	0.34	*0.01*	2343	**10.7**	*0.23*	1.04	*0.02*
Australia, Northern Territory	13	**2.2**	*0.64*	0.27	*0.09*	36	**6.9**	*1.23*	0.82	*0.19*
Australia, Northern Territory: Indigenous	4	**5.9**	*3.20*	0.86	*0.51*	12	**10.3**	*3.13*	1.29	*0.47*
Australia, Northern Territory: Non−Indigenous	9	**1.7**	*0.57*	0.18	*0.07*	23	**5.6**	*1.25*	0.64	*0.19*
Australia, Queensland	455	**3.5**	*0.17*	0.38	*0.02*	1364	**11.0**	*0.31*	1.06	*0.03*
South Australia	119	**2.3**	*0.22*	0.23	*0.02*	323	**6.6**	*0.38*	0.62	*0.04*
Australia, Tasmania	40	**2.3**	*0.38*	0.26	*0.05*	103	**6.3**	*0.64*	0.63	*0.07*
Australia, Victoria	396	**2.5**	*0.13*	0.25	*0.01*	1156	**7.1**	*0.22*	0.67	*0.02*
Western Australia	203	**3.2**	*0.23*	0.33	*0.03*	578	**9.2**	*0.39*	0.92	*0.04*
New Zealand	291	**2.3**	*0.14*	0.24	*0.02*	734	**5.6**	*0.21*	0.55	*0.02*
New Zealand: Maori	50	**4.5**	*0.66*	0.50	*0.09*	119	**8.7**	*0.82*	0.92	*0.10*
New Zealand: Pacific Islander	22	**4.8**	*1.07*	0.63	*0.18*	62	**11.0**	*1.45*	1.19	*0.18*
New Zealand: Other	219	**2.1**	*0.15*	0.21	*0.02*	553	**5.0**	*0.22*	0.48	*0.02*
USA, Hawaii	184	**4.5**	*0.34*	0.46	*0.04*	595	**15.4**	*0.65*	1.47	*0.06*
*USA, Hawaii: Chinese	11	**5.1**	*1.64*	0.56	*0.18*	48	**22.5**	*3.48*	2.24	*0.34*
*USA, Hawaii: Filipino	51	**9.3**	*1.36*	1.03	*0.17*	162	**28.1**	*2.26*	2.64	*0.22*
*USA, Hawaii: Hawaiian	29	**4.5**	*0.86*	0.51	*0.12*	92	**13.1**	*1.39*	1.31	*0.15*
*USA, Hawaii: Japanese	25	**2.8**	*0.64*	0.25	*0.06*	92	**9.2**	*1.08*	0.92	*0.11*
*USA, Hawaii: White	49	**4.2**	*0.64*	0.39	*0.06*	110	**11.8**	*1.18*	1.07	*0.11*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Adrenal gland (C74)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	2	**0.1**	*0.05*	–	-	3	**0.1**	*0.06*	–	-
Egypt, Gharbiah	51	**0.6**	*0.09*	0.05	*0.01*	25	**0.3**	*0.06*	0.02	*0.00*
*Libya, Benghazi	3	**0.1**	*0.07*	0.01	*0.00*	4	**0.2**	*0.12*	0.03	*0.02*
*Malawi, Blantyre	0	**-**	-	–	-	1	**0.0**	*0.03*	0.00	*0.00*
*South Africa, PROMEC	0	**-**	-	–	-	0	**-**	-	–	-
*Tunisia, North	10	**0.2**	*0.05*	0.01	*0.00*	6	**0.1**	*0.04*	0.01	*0.00*
*Uganda, Kyadondo County	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
*Zimbabwe, Harare: African	0	**-**	-	–	-	0	**-**	-	–	-
America, Central and South										
Argentina, Bahía Blanca	1	**0.1**	*0.15*	0.01	*0.01*	2	**0.5**	*0.35*	0.02	*0.01*
Argentina, Córdoba	4	**0.2**	*0.10*	0.01	*0.01*	10	**0.3**	*0.12*	0.03	*0.01*
Argentina, Mendoza	9	**0.2**	*0.08*	0.03	*0.01*	9	**0.2**	*0.08*	0.02	*0.01*
*Argentina, Tierra del Fuego	1	**0.4**	*0.42*	0.02	*0.02*	0	**-**	-	–	-
Brazil, Aracaju	0	**-**	-	–	-	4	**0.4**	*0.22*	0.05	*0.03*
Brazil, Belo Horizonte	17	**0.7**	*0.16*	0.05	*0.02*	14	**0.5**	*0.13*	0.04	*0.01*
Brazil, Cuiabá	3	**0.2**	*0.15*	0.01	*0.01*	4	**0.3**	*0.15*	0.02	*0.01*
Brazil, Fortaleza	9	**0.3**	*0.10*	0.03	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
Brazil, Goiânia	4	**0.2**	*0.10*	0.01	*0.01*	12	**0.5**	*0.15*	0.04	*0.01*
*Brazil, São Paulo	103	**0.5**	*0.05*	0.03	*0.00*	105	**0.4**	*0.05*	0.03	*0.00*
Chile, Region of Antofagasta	2	**0.2**	*0.12*	0.01	*0.01*	0	**-**	-	–	-
Chile, Bío Bío Province	1	**0.1**	*0.11*	0.02	*0.02*	1	**0.1**	*0.12*	0.01	*0.01*
Chile, Valdivia	1	**0.1**	*0.10*	0.01	*0.01*	0	**-**	-	–	-
Colombia, Bucaramanga	2	**0.1**	*0.06*	0.01	*0.00*	0	**-**	-	–	-
Colombia, Cali	3	**0.1**	*0.04*	0.00	*0.00*	8	**0.1**	*0.05*	0.02	*0.01*
Colombia, Manizales	1	**0.2**	*0.17*	0.01	*0.01*	3	**0.4**	*0.23*	0.03	*0.01*
Colombia, Pasto	1	**0.2**	*0.16*	–	-	0	**-**	-	–	-
Costa Rica	12	**0.1**	*0.04*	0.01	*0.00*	13	**0.1**	*0.04*	0.01	*0.00*
Cuba, Villa Clara	4	**0.2**	*0.09*	0.02	*0.01*	3	**0.1**	*0.08*	0.02	*0.01*
Ecuador, Cuenca	1	**0.1**	*0.07*	0.00	*0.00*	1	**0.0**	*0.05*	–	-
Ecuador, Quito	4	**0.1**	*0.06*	0.01	*0.00*	8	**0.2**	*0.09*	0.02	*0.01*
*France, Martinique	0	**-**	-	–	-	1	**0.1**	*0.08*	0.01	*0.01*
*Jamaica, Kingston and St Andrew	2	**0.2**	*0.12*	0.01	*0.00*	1	**0.1**	*0.07*	0.00	*0.00*
USA, Puerto Rico	20	**0.2**	*0.05*	0.01	*0.00*	12	**0.1**	*0.04*	0.01	*0.00*
Uruguay	7	**0.2**	*0.06*	0.01	*0.00*	25	**0.4**	*0.10*	0.04	*0.01*
America, North										
Canada	271	**0.4**	*0.03*	0.03	*0.00*	326	**0.4**	*0.03*	0.03	*0.00*
Canada, Alberta	23	**0.3**	*0.08*	0.02	*0.00*	18	**0.3**	*0.07*	0.02	*0.01*
Canada, British Columbia	27	**0.4**	*0.08*	0.02	*0.00*	31	**0.3**	*0.08*	0.02	*0.00*
Canada, Manitoba	9	**0.3**	*0.13*	0.02	*0.01*	10	**0.4**	*0.14*	0.02	*0.01*
Canada, New Brunswick	4	**0.1**	*0.06*	0.01	*0.01*	5	**0.4**	*0.19*	0.02	*0.01*
Canada, Newfoundland and Labrador	3	**0.3**	*0.21*	0.02	*0.01*	3	**0.6**	*0.36*	0.03	*0.02*
*Canada, Northwest Territories	1	**1.2**	*1.19*	0.15	*0.15*	1	**1.7**	*1.65*	0.41	*0.41*
Canada, Nova Scotia	5	**0.3**	*0.16*	0.02	*0.01*	7	**0.4**	*0.18*	0.02	*0.01*
Canada, Ontario	113	**0.4**	*0.04*	0.03	*0.00*	139	**0.4**	*0.04*	0.03	*0.00*
Canada, Prince Edward Island	0	**-**	-	–	-	1	**0.2**	*0.21*	0.02	*0.02*
*Canada, Quebec	81	**0.5**	*0.06*	0.04	*0.00*	107	**0.5**	*0.06*	0.04	*0.00*
Canada, Saskatchewan	5	**0.2**	*0.12*	0.02	*0.01*	4	**0.1**	*0.07*	0.01	*0.01*
*Canada, Yukon	0	**-**	-	–	-	0	**-**	-	–	-
USA, NPCR (42 states)	2013	**0.4**	*0.01*	0.02	*0.00*	2187	**0.3**	*0.01*	0.02	*0.00*
USA, NPCR (42 states): American Indian	11	**0.2**	*0.05*	0.01	*0.00*	13	**0.2**	*0.06*	0.02	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	38	**0.2**	*0.03*	0.01	*0.00*	60	**0.2**	*0.03*	0.02	*0.00*
USA, NPCR (42 states): Black	238	**0.3**	*0.02*	0.02	*0.00*	278	**0.3**	*0.02*	0.02	*0.00*
USA, NPCR (42 states): White	1692	**0.4**	*0.01*	0.02	*0.00*	1798	**0.3**	*0.01*	0.03	*0.00*
USA, SEER (9 registries)	204	**0.4**	*0.03*	0.02	*0.00*	194	**0.3**	*0.02*	0.02	*0.00*
*USA, SEER (9 registries): Black	26	**0.4**	*0.07*	0.02	*0.01*	27	**0.3**	*0.07*	0.02	*0.01*
*USA, SEER (9 registries): White	154	**0.4**	*0.03*	0.02	*0.00*	152	**0.3**	*0.03*	0.02	*0.00*
USA, SEER (18 registries)	577	**0.3**	*0.01*	0.02	*0.00*	595	**0.3**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	43	**0.3**	*0.05*	0.02	*0.00*	39	**0.3**	*0.04*	0.01	*0.00*
*USA, SEER (18 registries): Black	74	**0.4**	*0.04*	0.02	*0.00*	71	**0.3**	*0.04*	0.02	*0.00*
*USA, SEER (18 registries): Hispanic White	78	**0.2**	*0.03*	0.02	*0.00*	92	**0.3**	*0.03*	0.02	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	371	**0.4**	*0.02*	0.02	*0.00*	384	**0.3**	*0.02*	0.02	*0.00*
*USA, SEER (18 registries): White	449	**0.3**	*0.02*	0.02	*0.00*	476	**0.3**	*0.02*	0.02	*0.00*
USA, Alabama	30	**0.3**	*0.06*	0.02	*0.00*	35	**0.3**	*0.06*	0.02	*0.00*
USA, Alabama: Black	5	**0.2**	*0.10*	0.01	*0.01*	16	**0.5**	*0.15*	0.04	*0.01*
USA, Alabama: White	25	**0.3**	*0.08*	0.02	*0.01*	19	**0.3**	*0.07*	0.02	*0.00*
USA, Alaska	5	**0.2**	*0.11*	0.01	*0.01*	5	**0.3**	*0.12*	0.03	*0.02*
*USA, Alaska: American Indian	1	**0.4**	*0.41*	0.03	*0.03*	1	**0.5**	*0.49*	0.08	*0.08*
USA, Arizona	37	**0.2**	*0.04*	0.02	*0.00*	38	**0.2**	*0.04*	0.02	*0.00*
USA, Arizona: American Indian	1	**0.1**	*0.15*	0.02	*0.02*	1	**0.1**	*0.12*	0.01	*0.01*
USA, Arizona: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.3**	*0.26*	0.04	*0.04*
USA, Arizona: Black	0	**-**	-	–	-	1	**0.2**	*0.16*	0.01	*0.01*
USA, Arizona: White	35	**0.2**	*0.04*	0.02	*0.00*	34	**0.2**	*0.05*	0.02	*0.00*
USA, Arkansas	19	**0.3**	*0.06*	0.02	*0.01*	26	**0.3**	*0.07*	0.03	*0.01*
USA, Arkansas: Black	4	**0.4**	*0.20*	0.04	*0.03*	3	**0.3**	*0.17*	0.02	*0.01*
USA, Arkansas: White	15	**0.2**	*0.07*	0.02	*0.01*	23	**0.3**	*0.09*	0.03	*0.01*
USA, California	237	**0.3**	*0.02*	0.02	*0.00*	251	**0.3**	*0.02*	0.02	*0.00*
USA, California: American Indian	2	**0.2**	*0.16*	0.01	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*
USA, California: Asian and Pacific Islander	18	**0.2**	*0.05*	0.02	*0.00*	26	**0.3**	*0.06*	0.02	*0.00*
USA, California: Black	26	**0.5**	*0.11*	0.03	*0.01*	12	**0.2**	*0.06*	0.01	*0.01*
USA, California: White	185	**0.3**	*0.02*	0.02	*0.00*	206	**0.3**	*0.02*	0.02	*0.00*
USA, California, Los Angeles County	66	**0.3**	*0.04*	0.03	*0.00*	68	**0.3**	*0.04*	0.02	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	9	**0.4**	*0.13*	0.03	*0.01*	5	**0.2**	*0.08*	0.01	*0.01*
*USA, California, Los Angeles County: Black	10	**0.5**	*0.17*	0.04	*0.01*	6	**0.3**	*0.13*	0.02	*0.01*
*USA, California, Los Angeles County: Chinese	3	**0.4**	*0.26*	0.04	*0.02*	1	**0.1**	*0.10*	0.01	*0.01*
*USA, California, Los Angeles County: Filipino	3	**0.5**	*0.30*	0.03	*0.02*	3	**0.3**	*0.18*	0.03	*0.02*
*USA, California, Los Angeles County: Hispanic White	21	**0.3**	*0.06*	0.03	*0.01*	34	**0.4**	*0.06*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Adrenal gland (C74) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	0	-	-	–	-	1	**1.0**	*0.96*	0.04	*0.04*
*USA, California, Los Angeles County: Korean	0	-	-	–	-	0	-	-	–	-
*USA, California, Los Angeles County: Non–Hispanic White	26	**0.3**	*0.08*	0.02	*0.01*	23	**0.4**	*0.09*	0.02	*0.01*
*USA, California, Los Angeles County: White	47	**0.3**	*0.04*	0.02	*0.00*	57	**0.3**	*0.05*	0.03	*0.00*
USA, California, San Francisco Bay Area	36	**0.4**	*0.08*	0.02	*0.00*	33	**0.3**	*0.06*	0.02	*0.00*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	4	**0.2**	*0.10*	0.01	*0.01*	7	**0.3**	*0.14*	0.02	*0.01*
*USA, California, San Francisco Bay Area: Black	4	**0.6**	*0.30*	0.02	*0.01*	1	**0.0**	*0.03*	–	-
*USA, California, San Francisco Bay Area: Hispanic White	10	**0.7**	*0.22*	0.05	*0.02*	7	**0.4**	*0.17*	0.04	*0.02*
*USA, California, San Francisco Bay Area: Non–Hispanic White	18	**0.4**	*0.12*	0.02	*0.01*	18	**0.3**	*0.09*	0.03	*0.01*
*USA, California, San Francisco Bay Area: White	28	**0.5**	*0.10*	0.03	*0.01*	25	**0.3**	*0.08*	0.03	*0.01*
USA, Colorado	37	**0.4**	*0.06*	0.03	*0.01*	32	**0.3**	*0.06*	0.02	*0.00*
USA, Colorado: Asian and Pacific Islander	1	**0.2**	*0.24*	0.02	*0.02*	0	-	-	–	-
USA, Colorado: Black	0	-	-	–	-	3	**0.7**	*0.40*	0.08	*0.05*
USA, Colorado: White	35	**0.4**	*0.07*	0.03	*0.01*	29	**0.3**	*0.06*	0.02	*0.00*
USA, Connecticut	25	**0.4**	*0.08*	0.02	*0.01*	24	**0.3**	*0.08*	0.02	*0.00*
*USA, Connecticut: Black	2	**0.2**	*0.13*	0.02	*0.01*	3	**0.5**	*0.29*	0.02	*0.01*
*USA, Connecticut: White	20	**0.3**	*0.09*	0.02	*0.01*	21	**0.3**	*0.08*	0.02	*0.00*
USA, Delaware	5	**0.4**	*0.17*	0.02	*0.01*	11	**0.5**	*0.16*	0.04	*0.01*
USA, Delaware: Black	2	**0.7**	*0.47*	0.03	*0.02*	2	**0.4**	*0.25*	0.04	*0.03*
USA, Delaware: White	3	**0.3**	*0.17*	0.01	*0.01*	9	**0.6**	*0.22*	0.04	*0.01*
USA, Florida	124	**0.3**	*0.03*	0.02	*0.00*	140	**0.3**	*0.03*	0.02	*0.00*
USA, Florida: Asian and Pacific Islander	1	**0.1**	*0.11*	0.03	*0.03*	4	**0.5**	*0.25*	0.03	*0.01*
USA, Florida: Black	21	**0.3**	*0.07*	0.02	*0.01*	22	**0.3**	*0.07*	0.02	*0.01*
USA, Florida: White	101	**0.3**	*0.04*	0.02	*0.00*	112	**0.3**	*0.04*	0.02	*0.00*
USA, Georgia	62	**0.3**	*0.04*	0.02	*0.00*	73	**0.3**	*0.04*	0.02	*0.00*
USA, Georgia: Asian and Pacific Islander	2	**0.4**	*0.29*	0.07	*0.06*	1	**0.2**	*0.20*	0.01	*0.01*
USA, Georgia: Black	17	**0.3**	*0.08*	0.02	*0.00*	25	**0.4**	*0.08*	0.03	*0.01*
USA, Georgia: White	43	**0.4**	*0.06*	0.02	*0.00*	46	**0.3**	*0.05*	0.02	*0.00*
USA, Georgia, Atlanta	22	**0.3**	*0.08*	0.02	*0.01*	24	**0.3**	*0.07*	0.02	*0.00*
*USA, Georgia, Atlanta: Black	12	**0.5**	*0.15*	0.03	*0.01*	10	**0.4**	*0.12*	0.02	*0.01*
*USA, Georgia, Atlanta: White	9	**0.3**	*0.09*	0.01	*0.00*	14	**0.3**	*0.09*	0.02	*0.01*
USA, Idaho	11	**0.4**	*0.11*	0.03	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
USA, Illinois	100	**0.4**	*0.04*	0.02	*0.00*	113	**0.4**	*0.04*	0.03	*0.00*
USA, Illinois: Asian and Pacific Islander	0	-	-	–	-	3	**0.2**	*0.14*	0.02	*0.01*
USA, Illinois: Black	11	**0.3**	*0.09*	0.02	*0.00*	18	**0.4**	*0.10*	0.03	*0.01*
USA, Illinois: White	88	**0.4**	*0.05*	0.03	*0.00*	89	**0.3**	*0.04*	0.02	*0.00*
USA, Indiana	54	**0.4**	*0.06*	0.03	*0.00*	48	**0.3**	*0.05*	0.03	*0.00*
USA, Indiana: Black	6	**0.5**	*0.19*	0.02	*0.01*	5	**0.3**	*0.16*	0.03	*0.02*
USA, Indiana: White	47	**0.4**	*0.06*	0.03	*0.00*	42	**0.3**	*0.05*	0.02	*0.00*
USA, Iowa	26	**0.4**	*0.09*	0.03	*0.01*	18	**0.3**	*0.07*	0.02	*0.01*
USA, Kentucky	31	**0.4**	*0.07*	0.02	*0.00*	40	**0.4**	*0.07*	0.03	*0.01*
USA, Louisiana	32	**0.4**	*0.08*	0.03	*0.01*	23	**0.3**	*0.07*	0.02	*0.00*
*USA, Louisiana: Black	9	**0.4**	*0.13*	0.03	*0.01*	6	**0.2**	*0.10*	0.01	*0.01*
*USA, Louisiana: White	22	**0.4**	*0.10*	0.03	*0.01*	17	**0.4**	*0.10*	0.02	*0.01*
*USA, Louisiana, New Orleans	5	**0.4**	*0.17*	0.03	*0.02*	4	**0.3**	*0.17*	0.02	*0.01*
*USA, Louisiana, New Orleans: Black	1	**0.2**	*0.17*	0.04	*0.04*	2	**0.3**	*0.23*	0.02	*0.01*
*USA, Louisiana, New Orleans: White	4	**0.6**	*0.35*	0.04	*0.02*	2	**0.4**	*0.28*	0.02	*0.01*
USA, Maine	6	**0.3**	*0.12*	0.01	*0.01*	15	**0.5**	*0.15*	0.04	*0.01*
USA, Massachusetts	66	**0.5**	*0.07*	0.03	*0.00*	64	**0.4**	*0.06*	0.03	*0.00*
USA, Massachusetts: Asian and Pacific Islander	1	**0.2**	*0.19*	0.01	*0.01*	1	**0.1**	*0.13*	0.02	*0.02*
USA, Massachusetts: Black	0	-	-	–	-	3	**0.2**	*0.14*	0.02	*0.01*
USA, Massachusetts: White	65	**0.6**	*0.09*	0.04	*0.00*	60	**0.5**	*0.07*	0.03	*0.00*
USA, Michigan	77	**0.4**	*0.05*	0.03	*0.00*	89	**0.4**	*0.05*	0.02	*0.00*
USA, Michigan: Asian and Pacific Islander	2	**0.3**	*0.19*	0.02	*0.02*	1	**0.2**	*0.22*	0.01	*0.01*
USA, Michigan: Black	10	**0.3**	*0.10*	0.02	*0.01*	14	**0.4**	*0.11*	0.03	*0.01*
USA, Michigan: White	63	**0.4**	*0.05*	0.02	*0.00*	72	**0.4**	*0.05*	0.02	*0.00*
USA, Michigan, Detroit	37	**0.4**	*0.07*	0.03	*0.01*	31	**0.3**	*0.06*	0.02	*0.00*
*USA, Michigan, Detroit: Black	7	**0.3**	*0.11*	0.03	*0.01*	10	**0.4**	*0.12*	0.03	*0.01*
*USA, Michigan, Detroit: White	27	**0.4**	*0.10*	0.03	*0.01*	20	**0.3**	*0.07*	0.02	*0.00*
USA, Mississippi	14	**0.2**	*0.06*	0.02	*0.00*	20	**0.2**	*0.06*	0.02	*0.01*
USA, Missouri	47	**0.4**	*0.06*	0.03	*0.00*	38	**0.3**	*0.05*	0.02	*0.00*
USA, Missouri: Black	6	**0.4**	*0.16*	0.02	*0.01*	0	-	-	–	-
USA, Missouri: White	40	**0.4**	*0.07*	0.03	*0.00*	37	**0.3**	*0.06*	0.02	*0.00*
USA, Montana	5	**0.2**	*0.10*	0.02	*0.01*	12	**0.5**	*0.18*	0.03	*0.01*
USA, Montana: American Indian	0	-	-	–	-	1	**0.7**	*0.67*	0.03	*0.03*
USA, Nebraska	6	**0.2**	*0.07*	0.01	*0.01*	13	**0.3**	*0.10*	0.02	*0.01*
USA, Nebraska: Black	0	-	-	–	-	1	**0.5**	*0.53*	0.02	*0.02*
USA, Nebraska: White	5	**0.2**	*0.07*	0.01	*0.01*	12	**0.3**	*0.10*	0.02	*0.01*
USA, New Hampshire	6	**0.2**	*0.11*	0.01	*0.01*	7	**0.1**	*0.06*	0.02	*0.01*
USA, New Jersey	68	**0.4**	*0.05*	0.03	*0.00*	70	**0.3**	*0.05*	0.02	*0.00*
*USA, New Jersey: Black	12	**0.5**	*0.14*	0.03	*0.01*	10	**0.3**	*0.10*	0.03	*0.01*
*USA, New Jersey: White	51	**0.4**	*0.06*	0.02	*0.00*	56	**0.4**	*0.06*	0.02	*0.00*
USA, New Mexico	7	**0.1**	*0.06*	0.01	*0.00*	12	**0.3**	*0.08*	0.02	*0.01*
*USA, New Mexico: Hispanic White	3	**0.1**	*0.09*	0.01	*0.00*	2	**0.1**	*0.07*	0.00	*0.00*
*USA, New Mexico: Non–Hispanic White	4	**0.2**	*0.13*	0.02	*0.01*	9	**0.5**	*0.21*	0.03	*0.01*
*USA, New Mexico: White	7	**0.2**	*0.07*	0.01	*0.01*	11	**0.3**	*0.09*	0.02	*0.01*
USA, New York State	191	**0.5**	*0.04*	0.03	*0.00*	227	**0.5**	*0.04*	0.03	*0.00*
USA, New York State: Asian and Pacific Islander	6	**0.2**	*0.09*	0.02	*0.01*	9	**0.3**	*0.12*	0.02	*0.01*
USA, New York State: Black	30	**0.4**	*0.08*	0.04	*0.01*	33	**0.5**	*0.08*	0.03	*0.00*
USA, New York State: White	152	**0.5**	*0.05*	0.03	*0.00*	179	**0.5**	*0.04*	0.04	*0.00*
USA, North Carolina	61	**0.3**	*0.04*	0.02	*0.00*	66	**0.3**	*0.04*	0.02	*0.00*
USA, North Carolina: American Indian	1	**0.3**	*0.30*	0.03	*0.03*	1	**0.3**	*0.26*	0.03	*0.03*
USA, North Carolina: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, North Carolina: Black	7	**0.2**	*0.06*	0.01	*0.00*	15	**0.3**	*0.09*	0.02	*0.01*
USA, North Carolina: White	52	**0.4**	*0.05*	0.03	*0.00*	49	**0.3**	*0.05*	0.02	*0.00*
USA, North Dakota	3	**0.3**	*0.18*	0.01	*0.01*	1	**0.0**	*0.05*	0.00	*0.00*
USA, Ohio	93	**0.4**	*0.04*	0.02	*0.00*	94	**0.3**	*0.04*	0.02	*0.00*
USA, Ohio: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Ohio: Black	9	**0.3**	*0.10*	0.02	*0.01*	8	**0.2**	*0.08*	0.02	*0.01*
USA, Ohio: White	83	**0.4**	*0.05*	0.02	*0.00*	86	**0.4**	*0.05*	0.03	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Adrenal gland (C74) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	36	**0.5**	*0.09*	0.03	*0.01*	40	**0.4**	*0.08*	0.03	*0.01*
USA, Oklahoma: American Indian	1	**0.2**	*0.16*	0.01	*0.01*	4	**0.5**	*0.25*	0.06	*0.03*
USA, Oklahoma: Black	1	**0.2**	*0.17*	0.01	*0.01*	4	**0.6**	*0.29*	0.03	*0.02*
USA, Oklahoma: White	34	**0.6**	*0.11*	0.04	*0.01*	32	**0.4**	*0.09*	0.03	*0.01*
USA, Oregon	21	**0.3**	*0.06*	0.02	*0.00*	28	**0.3**	*0.07*	0.02	*0.00*
USA, Oregon: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.4**	*0.42*	0.02	*0.02*
USA, Oregon: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Oregon: White	21	**0.3**	*0.07*	0.02	*0.01*	26	**0.3**	*0.07*	0.02	*0.00*
USA, Pennsylvania	113	**0.5**	*0.05*	0.03	*0.00*	126	**0.4**	*0.05*	0.03	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	1	**0.2**	*0.18*	0.04	*0.04*	3	**0.5**	*0.29*	0.07	*0.05*
USA, Pennsylvania: Black	10	**0.4**	*0.12*	0.02	*0.01*	14	**0.4**	*0.12*	0.03	*0.01*
USA, Pennsylvania: White	95	**0.5**	*0.05*	0.03	*0.00*	108	**0.4**	*0.05*	0.03	*0.00*
USA, Rhode Island	9	**0.3**	*0.13*	0.02	*0.01*	11	**0.3**	*0.13*	0.03	*0.01*
USA, Rhode Island: Black	0	**-**	-	–	-	1	**0.6**	*0.61*	0.08	*0.08*
USA, Rhode Island: White	9	**0.4**	*0.15*	0.02	*0.01*	10	**0.4**	*0.14*	0.02	*0.01*
USA, South Carolina	29	**0.3**	*0.06*	0.03	*0.01*	26	**0.2**	*0.05*	0.02	*0.00*
USA, South Carolina: Black	6	**0.2**	*0.10*	0.02	*0.01*	9	**0.3**	*0.10*	0.02	*0.01*
USA, South Carolina: White	23	**0.4**	*0.09*	0.03	*0.01*	17	**0.2**	*0.07*	0.02	*0.00*
USA, South Dakota	5	**0.2**	*0.12*	0.02	*0.01*	2	**0.1**	*0.09*	0.00	*0.00*
USA, Tennessee	52	**0.4**	*0.06*	0.03	*0.00*	64	**0.4**	*0.06*	0.03	*0.00*
USA, Tennessee: Black	9	**0.5**	*0.15*	0.03	*0.01*	6	**0.2**	*0.10*	0.02	*0.01*
USA, Tennessee: White	43	**0.4**	*0.07*	0.03	*0.00*	56	**0.5**	*0.07*	0.03	*0.00*
USA, Texas	165	**0.3**	*0.03*	0.02	*0.00*	160	**0.3**	*0.02*	0.02	*0.00*
USA, Texas: Asian and Pacific Islander	0	**-**	-	–	-	3	**0.2**	*0.10*	0.01	*0.01*
USA, Texas: Black	24	**0.5**	*0.09*	0.03	*0.01*	18	**0.2**	*0.06*	0.01	*0.00*
USA, Texas: White	138	**0.3**	*0.03*	0.02	*0.00*	132	**0.3**	*0.03*	0.02	*0.00*
USA, Utah	14	**0.2**	*0.07*	0.01	*0.00*	12	**0.2**	*0.06*	0.02	*0.01*
USA, Vermont	1	**0.0**	*0.03*	–	-	6	**0.3**	*0.11*	0.03	*0.01*
USA, Virginia	56	**0.4**	*0.05*	0.02	*0.00*	58	**0.3**	*0.05*	0.02	*0.00*
USA, Virginia: Asian and Pacific Islander	2	**0.2**	*0.17*	0.03	*0.02*	3	**0.3**	*0.20*	0.02	*0.01*
USA, Virginia: Black	6	**0.2**	*0.08*	0.01	*0.01*	10	**0.2**	*0.07*	0.02	*0.01*
USA, Virginia: White	47	**0.4**	*0.07*	0.03	*0.00*	43	**0.4**	*0.06*	0.02	*0.00*
USA, Washington State	39	**0.3**	*0.05*	0.02	*0.00*	51	**0.3**	*0.05*	0.02	*0.00*
USA, Washington, Seattle	28	**0.3**	*0.07*	0.02	*0.00*	34	**0.3**	*0.07*	0.03	*0.01*
USA, West Virginia	22	**0.6**	*0.14*	0.04	*0.01*	18	**0.3**	*0.09*	0.03	*0.01*
USA, Wisconsin	50	**0.4**	*0.07*	0.03	*0.00*	51	**0.4**	*0.06*	0.03	*0.00*
USA, Wisconsin: Black	4	**0.6**	*0.30*	0.08	*0.05*	4	**0.5**	*0.25*	0.04	*0.03*
USA, Wisconsin: White	44	**0.4**	*0.07*	0.03	*0.00*	47	**0.4**	*0.07*	0.03	*0.01*
USA, Wyoming	6	**0.4**	*0.20*	0.03	*0.01*	3	**0.2**	*0.16*	0.02	*0.01*
Asia										
Bahrain: Bahraini	5	**0.4**	*0.20*	0.02	*0.01*	2	**0.2**	*0.14*	0.01	*0.01*
China, Beijing City	36	**0.2**	*0.07*	0.02	*0.00*	35	**0.2**	*0.07*	0.02	*0.00*
*China, Cixian County	1	**0.1**	*0.09*	0.02	*0.02*	3	**0.2**	*0.15*	0.02	*0.02*
China, Haining County	3	**0.1**	*0.07*	0.02	*0.02*	3	**0.3**	*0.19*	0.02	*0.01*
*China, Harbin City, Nangang District	5	**0.2**	*0.08*	0.01	*0.01*	5	**0.2**	*0.07*	0.02	*0.01*
China, Hong Kong	43	**0.5**	*0.09*	0.03	*0.00*	26	**0.3**	*0.07*	0.02	*0.00*
China, Jiashan County	1	**0.1**	*0.06*	0.01	*0.01*	1	**0.0**	*0.03*	–	-
China, Jiaxing City	3	**0.6**	*0.50*	0.05	*0.03*	3	**0.2**	*0.14*	0.03	*0.02*
China, Macao	3	**0.2**	*0.10*	0.02	*0.01*	2	**0.6**	*0.42*	0.02	*0.02*
China, Qidong County	4	**0.2**	*0.12*	0.02	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
*China, Shanghai City	48	**0.2**	*0.04*	0.02	*0.00*	38	**0.1**	*0.03*	0.01	*0.00*
*China, Wuhan City	22	**0.1**	*0.03*	0.02	*0.00*	20	**0.1**	*0.03*	0.02	*0.00*
*China, Yangcheng County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yanting County	0	**-**	-	–	-	1	**0.1**	*0.06*	0.01	*0.01*
*China, Zhongshan City	4	**0.2**	*0.10*	0.01	*0.01*	7	**0.3**	*0.12*	0.02	*0.01*
*India, Bangalore	6	**0.1**	*0.03*	0.00	*0.00*	5	**0.1**	*0.03*	0.00	*0.00*
*India; Barshi, Paranda, and Bhum	0	**-**	-	–	-	0	**-**	-	–	-
*India, Bhopal	1	**0.0**	*0.04*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
*India, Chennai	22	**0.3**	*0.06*	0.02	*0.00*	11	**0.1**	*0.04*	0.01	*0.00*
*India, Dindigul, Ambilikkai	1	**0.0**	*0.02*	–	-	3	**0.1**	*0.04*	0.00	*0.00*
*India, Karunagappally	1	**0.1**	*0.12*	0.01	*0.01*	2	**0.2**	*0.18*	0.01	*0.01*
*India, Mizoram	1	**0.0**	*0.03*	0.00	*0.00*	2	**0.1**	*0.06*	0.00	*0.00*
*India, Mumbai	31	**0.1**	*0.02*	0.01	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
*India, New Delhi	48	**0.1**	*0.02*	0.01	*0.00*	44	**0.1**	*0.02*	0.01	*0.00*
*India, Poona	2	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
*India, Sikkim State	0	**-**	-	–	-	3	**0.3**	*0.18*	0.03	*0.03*
*India, Trivandrum	2	**0.1**	*0.09*	0.02	*0.02*	0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province	3	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.01*
Israel	77	**0.5**	*0.06*	0.03	*0.00*	61	**0.4**	*0.05*	0.03	*0.00*
*Israel: Jews	58	**0.5**	*0.06*	0.03	*0.01*	50	**0.4**	*0.06*	0.03	*0.01*
*Israel: Non–Jews	19	**0.5**	*0.11*	0.02	*0.01*	11	**0.3**	*0.08*	0.01	*0.00*
Japan, Aichi Prefecture	10	**0.5**	*0.16*	0.02	*0.01*	2	**0.0**	*0.02*	0.01	*0.00*
Japan, Fukui Prefecture	10	**0.4**	*0.15*	0.03	*0.01*	9	**0.6**	*0.27*	0.03	*0.01*
Japan, Hiroshima	5	**0.2**	*0.12*	0.02	*0.01*	5	**0.3**	*0.15*	0.01	*0.01*
Japan, Miyagi Prefecture	14	**0.3**	*0.10*	0.02	*0.01*	11	**0.1**	*0.05*	0.01	*0.00*
Japan, Nagasaki Prefecture	6	**0.1**	*0.08*	0.01	*0.00*	4	**0.2**	*0.11*	0.01	*0.01*
Japan, Niigata Prefecture	15	**0.2**	*0.08*	0.02	*0.01*	9	**0.1**	*0.06*	0.01	*0.00*
*Japan, Osaka Prefecture	81	**0.5**	*0.07*	0.03	*0.00*	49	**0.3**	*0.06*	0.02	*0.00*
Japan, Saga Prefecture	9	**0.7**	*0.25*	0.04	*0.01*	4	**0.4**	*0.21*	0.02	*0.01*
Republic of Korea	351	**0.4**	*0.02*	0.03	*0.00*	291	**0.3**	*0.02*	0.02	*0.00*
Republic of Korea, Busan	29	**0.5**	*0.11*	0.03	*0.01*	22	**0.3**	*0.08*	0.02	*0.01*
Republic of Korea, Daegu	16	**0.3**	*0.10*	0.02	*0.01*	14	**0.4**	*0.11*	0.02	*0.01*
Republic of Korea, Daejeon	16	**0.5**	*0.13*	0.04	*0.01*	7	**0.3**	*0.11*	0.02	*0.01*
Republic of Korea, Gwangju	11	**0.4**	*0.14*	0.02	*0.01*	13	**0.6**	*0.18*	0.04	*0.01*
Republic of Korea, Incheon	13	**0.3**	*0.09*	0.02	*0.01*	12	**0.2**	*0.07*	0.02	*0.01*
Republic of Korea, Jejudo	4	**0.4**	*0.22*	0.04	*0.02*	1	**0.2**	*0.19*	0.01	*0.01*
Republic of Korea, Seoul	74	**0.5**	*0.06*	0.03	*0.00*	57	**0.4**	*0.06*	0.02	*0.00*
Republic of Korea, Ulsan	3	**0.2**	*0.13*	0.01	*0.01*	6	**0.3**	*0.13*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Adrenal gland (C74) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	7	**0.1**	*0.05*	0.01	*0.00*	10	**0.3**	*0.10*	0.03	*0.01*
*Kuwait: Kuwaitis	4	**0.1**	*0.07*	0.01	*0.00*	8	**0.4**	*0.15*	0.04	*0.02*
*Kuwait: Non−Kuwaitis	3	**0.1**	*0.06*	0.00	*0.00*	2	**0.1**	*0.08*	0.00	*0.00*
*Malaysia, Penang	4	**0.2**	*0.08*	0.02	*0.01*	3	**0.1**	*0.07*	0.01	*0.00*
*Malaysia, Penang: Chinese	2	**0.1**	*0.10*	0.02	*0.01*	0	**-**	-	–	-
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	2	**0.2**	*0.14*	0.02	*0.01*	3	**0.2**	*0.14*	0.01	*0.01*
*Philippines, Manila	14	**0.2**	*0.05*	0.02	*0.01*	10	**0.1**	*0.02*	0.01	*0.00*
*Philippines, Rizal	14	**0.1**	*0.02*	0.01	*0.00*	11	**0.1**	*0.02*	0.00	*0.00*
Qatar: Qatari	0	**-**	-	–	-	2	**0.7**	*0.52*	0.10	*0.08*
*Saudi Arabia, Riyadh: Saudi	16	**0.2**	*0.04*	0.01	*0.00*	14	**0.2**	*0.05*	0.01	*0.01*
Singapore	19	**0.2**	*0.06*	0.02	*0.01*	17	**0.2**	*0.05*	0.02	*0.01*
Singapore: Chinese	13	**0.3**	*0.08*	0.02	*0.01*	11	**0.1**	*0.05*	0.01	*0.01*
Singapore: Indian	3	**0.3**	*0.17*	0.03	*0.02*	3	**0.5**	*0.30*	0.06	*0.04*
Singapore: Malay	3	**0.2**	*0.13*	0.02	*0.01*	3	**0.4**	*0.21*	0.04	*0.03*
Thailand, Bangkok	14	**0.1**	*0.03*	0.01	*0.00*	20	**0.1**	*0.03*	0.01	*0.00*
Thailand, Chiang Mai	3	**0.1**	*0.08*	0.01	*0.00*	2	**0.1**	*0.04*	0.01	*0.00*
Thailand, Chonburi	2	**0.1**	*0.06*	0.00	*0.00*	3	**0.1**	*0.05*	0.01	*0.00*
*Thailand, Khon Kaen	5	**0.1**	*0.06*	0.01	*0.01*	2	**0.1**	*0.05*	0.00	*0.00*
Thailand, Lampang	3	**0.1**	*0.07*	0.02	*0.01*	3	**0.1**	*0.07*	0.01	*0.01*
*Thailand, Songkhla	3	**0.1**	*0.07*	0.01	*0.00*	4	**0.2**	*0.10*	0.01	*0.01*
*Turkey, Antalya	15	**0.5**	*0.13*	0.03	*0.01*	16	**0.5**	*0.14*	0.03	*0.01*
*Turkey, Edirne	2	**0.2**	*0.16*	0.03	*0.02*	1	**0.1**	*0.10*	0.01	*0.01*
*Turkey, Izmir	27	**0.4**	*0.08*	0.04	*0.01*	21	**0.3**	*0.07*	0.02	*0.00*
*Turkey, Trabzon	0	**-**	-	–	-	2	**0.3**	*0.22*	0.01	*0.01*
Europe										
Austria	65	**0.4**	*0.06*	0.03	*0.00*	85	**0.4**	*0.05*	0.03	*0.00*
Austria, Tyrol	5	**0.5**	*0.23*	0.03	*0.01*	7	**0.5**	*0.25*	0.03	*0.01*
Austria, Vorarlberg	2	**0.4**	*0.29*	0.02	*0.01*	4	**0.6**	*0.31*	0.04	*0.02*
*Belarus	137	**0.6**	*0.05*	0.05	*0.01*	78	**0.3**	*0.04*	0.02	*0.00*
*Belgium	67	**0.4**	*0.06*	0.03	*0.00*	83	**0.4**	*0.06*	0.03	*0.00*
Bulgaria	76	**0.3**	*0.05*	0.03	*0.00*	58	**0.2**	*0.04*	0.02	*0.00*
Croatia	75	**0.6**	*0.09*	0.05	*0.01*	84	**0.6**	*0.08*	0.05	*0.01*
Cyprus	2	**0.2**	*0.12*	0.01	*0.01*	10	**0.7**	*0.24*	0.05	*0.01*
Czech Republic	82	**0.2**	*0.03*	0.02	*0.00*	100	**0.3**	*0.04*	0.03	*0.00*
Denmark	57	**0.5**	*0.07*	0.03	*0.00*	52	**0.4**	*0.07*	0.03	*0.00*
*Estonia	19	**0.4**	*0.10*	0.05	*0.01*	12	**0.2**	*0.07*	0.02	*0.01*
Finland	58	**0.5**	*0.07*	0.03	*0.01*	46	**0.4**	*0.07*	0.03	*0.00*
*France, Bas−Rhin	8	**0.3**	*0.12*	0.02	*0.01*	10	**0.3**	*0.11*	0.03	*0.01*
*France, Calvados	5	**0.3**	*0.13*	0.03	*0.01*	5	**0.2**	*0.08*	0.03	*0.01*
*France, Doubs	3	**0.3**	*0.17*	0.02	*0.01*	6	**0.5**	*0.24*	0.02	*0.01*
*France, Haut−Rhin	6	**0.4**	*0.18*	0.02	*0.01*	8	**0.4**	*0.18*	0.03	*0.01*
*France, Hérault	13	**0.5**	*0.16*	0.04	*0.01*	10	**0.4**	*0.17*	0.03	*0.01*
*France, Isère	9	**0.4**	*0.14*	0.02	*0.01*	18	**0.8**	*0.20*	0.04	*0.01*
*France, Loire−Atlantique	12	**0.5**	*0.15*	0.02	*0.01*	15	**0.6**	*0.16*	0.04	*0.01*
*France, Manche	3	**0.3**	*0.18*	0.02	*0.01*	4	**0.3**	*0.17*	0.03	*0.02*
*France, Somme	9	**0.6**	*0.23*	0.06	*0.02*	3	**0.2**	*0.10*	0.02	*0.01*
*France, Tarn	3	**0.3**	*0.24*	0.01	*0.01*	5	**0.4**	*0.23*	0.03	*0.02*
*France, Vendée	9	**0.5**	*0.19*	0.06	*0.02*	5	**0.4**	*0.17*	0.03	*0.01*
Germany, Brandenburg	14	**0.2**	*0.09*	0.02	*0.01*	16	**0.3**	*0.11*	0.02	*0.01*
Germany, Bremen	7	**0.3**	*0.11*	0.03	*0.01*	6	**0.4**	*0.20*	0.03	*0.01*
Germany, Free State of Saxony	26	**0.3**	*0.08*	0.02	*0.00*	39	**0.3**	*0.07*	0.02	*0.00*
Germany, Hamburg	14	**0.3**	*0.10*	0.02	*0.01*	12	**0.4**	*0.16*	0.03	*0.01*
Germany, Mecklenburg−Western Pomerania	9	**0.2**	*0.08*	0.02	*0.01*	12	**0.2**	*0.08*	0.02	*0.01*
Germany, Munich	27	**0.3**	*0.08*	0.02	*0.00*	31	**0.4**	*0.09*	0.02	*0.00*
Germany, North Rhine−Westphalia	28	**0.4**	*0.10*	0.03	*0.01*	19	**0.3**	*0.09*	0.02	*0.01*
Germany, Saarland	8	**0.5**	*0.21*	0.03	*0.01*	8	**0.3**	*0.14*	0.02	*0.01*
Germany, Schleswig−Holstein	22	**0.2**	*0.06*	0.02	*0.01*	18	**0.4**	*0.12*	0.02	*0.01*
Iceland	1	**0.2**	*0.22*	0.01	*0.01*	4	**0.6**	*0.30*	0.07	*0.04*
Ireland	24	**0.3**	*0.06*	0.02	*0.00*	36	**0.3**	*0.06*	0.03	*0.00*
Italy, Biella	1	**0.1**	*0.10*	0.02	*0.02*	1	**0.0**	*0.03*	–	-
Italy, Brescia	9	**0.5**	*0.22*	0.03	*0.01*	7	**0.4**	*0.18*	0.03	*0.01*
Italy, Catania and Messina	11	**0.5**	*0.20*	0.03	*0.01*	20	**0.9**	*0.23*	0.06	*0.01*
Italy, Catanzaro	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Como	3	**0.1**	*0.08*	0.02	*0.01*	9	**0.6**	*0.29*	0.05	*0.02*
Italy, Ferrara	5	**1.0**	*0.56*	0.05	*0.03*	3	**0.5**	*0.33*	0.03	*0.02*
Italy, Florence and Prato	9	**0.2**	*0.09*	0.03	*0.01*	12	**0.6**	*0.24*	0.04	*0.01*
Italy, Friuli−Venezia Giulia	19	**0.4**	*0.14*	0.04	*0.01*	15	**0.7**	*0.22*	0.04	*0.01*
Italy, Genoa	7	**0.5**	*0.27*	0.03	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
Italy, Latina	0	**-**	-	–	-	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Lecco	3	**0.2**	*0.11*	0.01	*0.01*	5	**0.3**	*0.15*	0.04	*0.02*
Italy, Lombardy, South	4	**0.2**	*0.10*	0.02	*0.01*	7	**0.3**	*0.14*	0.03	*0.02*
Italy, Mantua	1	**0.1**	*0.11*	0.01	*0.01*	1	**0.4**	*0.45*	0.02	*0.02*
Italy, Milan	10	**0.4**	*0.19*	0.03	*0.01*	9	**0.2**	*0.12*	0.02	*0.01*
Italy, Modena	11	**0.8**	*0.30*	0.04	*0.02*	4	**0.3**	*0.21*	0.02	*0.01*
Italy, Naples	14	**1.5**	*0.42*	0.07	*0.02*	7	**0.6**	*0.25*	0.04	*0.02*
Italy, Nuoro	2	**0.5**	*0.46*	0.04	*0.02*	3	**1.0**	*0.68*	0.04	*0.03*
Italy, Palermo	14	**0.6**	*0.17*	0.05	*0.01*	15	**0.6**	*0.18*	0.05	*0.01*
Italy, Parma	7	**1.1**	*0.46*	0.06	*0.02*	8	**1.0**	*0.49*	0.05	*0.02*
Italy, Ragusa	2	**0.4**	*0.32*	0.02	*0.02*	4	**0.5**	*0.35*	0.05	*0.02*
Italy, Reggio Emilia	6	**0.5**	*0.22*	0.04	*0.02*	8	**0.6**	*0.25*	0.04	*0.02*
Italy, Romagna	11	**0.5**	*0.17*	0.03	*0.01*	15	**0.4**	*0.16*	0.03	*0.01*
Italy, Salerno	13	**0.5**	*0.15*	0.03	*0.01*	9	**0.3**	*0.12*	0.03	*0.01*
Italy, Sassari	7	**0.5**	*0.26*	0.04	*0.02*	4	**0.3**	*0.25*	0.01	*0.01*
Italy, Sondrio	5	**0.9**	*0.59*	0.05	*0.04*	2	**0.5**	*0.34*	0.03	*0.02*
Italy, South Tyrol	3	**0.4**	*0.24*	0.03	*0.02*	4	**0.2**	*0.11*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Adrenal gland (C74) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	2	**0.1**	*0.07*	0.01	*0.01*	3	**0.2**	*0.14*	0.02	*0.01*
Italy, Trapani	4	**0.7**	*0.37*	0.04	*0.02*	4	**0.6**	*0.33*	0.04	*0.02*
Italy, Trento	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
Italy, Turin	9	**0.4**	*0.19*	0.03	*0.01*	8	**0.4**	*0.20*	0.03	*0.01*
Italy, Umbria	13	**0.5**	*0.19*	0.04	*0.01*	10	**0.4**	*0.20*	0.02	*0.01*
Italy, Varese	7	**0.2**	*0.09*	0.02	*0.01*	9	**0.4**	*0.16*	0.03	*0.01*
Italy, Veneto	14	**0.4**	*0.12*	0.03	*0.01*	23	**0.5**	*0.14*	0.04	*0.01*
Latvia	25	**0.5**	*0.09*	0.05	*0.01*	25	**0.3**	*0.09*	0.02	*0.01*
Lithuania	51	**0.5**	*0.07*	0.06	*0.01*	48	**0.4**	*0.07*	0.03	*0.01*
Malta	4	**0.3**	*0.20*	0.03	*0.02*	3	**0.3**	*0.25*	0.02	*0.01*
*The Netherlands	118	**0.3**	*0.03*	0.02	*0.00*	118	**0.3**	*0.03*	0.02	*0.00*
*The Netherlands, Eindhoven	6	**0.3**	*0.12*	0.02	*0.01*	5	**0.2**	*0.11*	0.02	*0.01*
Norway	38	**0.4**	*0.06*	0.02	*0.00*	47	**0.4**	*0.06*	0.03	*0.00*
Poland, Cracow	10	**0.7**	*0.25*	0.08	*0.02*	15	**0.6**	*0.16*	0.06	*0.02*
Poland, Kielce	11	**0.3**	*0.11*	0.03	*0.01*	14	**0.3**	*0.09*	0.03	*0.01*
Poland, Lower Silesia	32	**0.4**	*0.08*	0.04	*0.01*	50	**0.5**	*0.07*	0.05	*0.01*
Poland, Podkarpackie	35	**0.7**	*0.14*	0.07	*0.01*	34	**0.4**	*0.08*	0.05	*0.01*
Portugal, Azores	2	**0.5**	*0.34*	0.02	*0.02*	4	**0.5**	*0.25*	0.04	*0.03*
Russian Federation, Saint Petersburg	65	**0.5**	*0.07*	0.05	*0.01*	80	**0.4**	*0.07*	0.04	*0.01*
*Serbia, Central	64	**0.4**	*0.06*	0.04	*0.00*	57	**0.3**	*0.05*	0.03	*0.00*
Slovakia	45	**0.3**	*0.05*	0.03	*0.01*	40	**0.2**	*0.04*	0.02	*0.00*
Slovenia	13	**0.3**	*0.10*	0.02	*0.01*	16	**0.2**	*0.09*	0.02	*0.01*
Spain, Albacete	7	**0.6**	*0.30*	0.06	*0.02*	2	**0.4**	*0.28*	0.02	*0.01*
Spain, Asturias	7	**0.2**	*0.15*	0.02	*0.01*	11	**0.5**	*0.22*	0.03	*0.01*
Spain, Basque Country	22	**0.4**	*0.11*	0.03	*0.01*	17	**0.4**	*0.14*	0.02	*0.01*
Spain, Canary Islands	6	**0.3**	*0.14*	0.02	*0.01*	8	**0.4**	*0.15*	0.02	*0.01*
Spain, Ciudad Real	8	**0.8**	*0.31*	0.07	*0.03*	0	**-**	-	–	-
Spain, Cuenca	3	**1.2**	*0.76*	0.06	*0.04*	1	**0.1**	*0.10*	0.02	*0.02*
Spain, Girona	2	**0.2**	*0.14*	0.01	*0.01*	3	**0.1**	*0.08*	0.02	*0.01*
*Spain, Granada	9	**0.4**	*0.17*	0.03	*0.01*	10	**0.3**	*0.10*	0.03	*0.01*
Spain, La Rioja	1	**0.1**	*0.09*	0.01	*0.01*	2	**0.4**	*0.37*	0.03	*0.02*
Spain, Mallorca	6	**0.3**	*0.13*	0.02	*0.01*	9	**0.4**	*0.15*	0.03	*0.01*
Spain, Murcia	11	**0.4**	*0.12*	0.03	*0.01*	12	**0.4**	*0.13*	0.03	*0.01*
Spain, Navarra	8	**0.6**	*0.28*	0.04	*0.02*	4	**0.3**	*0.18*	0.02	*0.01*
Spain, Tarragona	7	**0.4**	*0.20*	0.04	*0.02*	5	**0.3**	*0.15*	0.02	*0.01*
*Sweden	50	**0.2**	*0.04*	0.02	*0.00*	60	**0.2**	*0.04*	0.02	*0.00*
Switzerland, Basel	2	**0.1**	*0.05*	0.01	*0.01*	4	**0.4**	*0.27*	0.02	*0.01*
Switzerland, Geneva	0	**-**	-	–	-	3	**0.3**	*0.23*	0.02	*0.01*
Switzerland, Graubünden and Glarus	0	**-**	-	–	-	1	**0.1**	*0.14*	0.01	*0.01*
Switzerland, Neuchâtel	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, St Gall–Appenzell	4	**0.3**	*0.19*	0.03	*0.02*	5	**0.3**	*0.15*	0.03	*0.02*
Switzerland, Ticino	0	**-**	-	–	-	1	**0.1**	*0.06*	0.01	*0.01*
Switzerland, Valais	3	**0.5**	*0.36*	0.04	*0.02*	0	**-**	-	–	-
Switzerland, Vaud	6	**0.4**	*0.18*	0.04	*0.01*	4	**0.4**	*0.19*	0.02	*0.01*
Switzerland, Zurich	13	**0.7**	*0.21*	0.04	*0.01*	10	**0.5**	*0.17*	0.02	*0.01*
Ukraine	482	**0.4**	*0.02*	0.04	*0.00*	401	**0.2**	*0.01*	0.02	*0.00*
UK, England	398	**0.3**	*0.02*	0.02	*0.00*	386	**0.3**	*0.02*	0.02	*0.00*
UK, England, East of England Region	42	**0.4**	*0.07*	0.02	*0.00*	31	**0.2**	*0.04*	0.02	*0.00*
UK, England, North Western	60	**0.3**	*0.05*	0.03	*0.00*	60	**0.4**	*0.06*	0.03	*0.00*
UK, England, Northern and Yorkshire	56	**0.4**	*0.06*	0.03	*0.00*	43	**0.3**	*0.05*	0.02	*0.00*
UK, England, Oxford Region	16	**0.3**	*0.08*	0.02	*0.00*	27	**0.4**	*0.10*	0.03	*0.01*
UK, England, South and Western Regions	63	**0.4**	*0.06*	0.03	*0.00*	75	**0.4**	*0.06*	0.03	*0.00*
UK, England, Thames	94	**0.3**	*0.04*	0.03	*0.00*	84	**0.3**	*0.04*	0.02	*0.00*
UK, England, Trent	22	**0.3**	*0.07*	0.02	*0.01*	27	**0.4**	*0.10*	0.03	*0.01*
UK, England, West Midlands	29	**0.2**	*0.05*	0.01	*0.00*	26	**0.2**	*0.04*	0.01	*0.00*
UK, Northern Ireland	14	**0.4**	*0.11*	0.02	*0.01*	11	**0.3**	*0.09*	0.01	*0.01*
UK, Scotland	40	**0.4**	*0.07*	0.03	*0.00*	40	**0.3**	*0.06*	0.02	*0.00*
UK, Wales	23	**0.3**	*0.08*	0.03	*0.01*	29	**0.4**	*0.09*	0.03	*0.01*
Oceania										
Australian Capital Territory	0	**-**	-	–	-	4	**0.9**	*0.47*	0.04	*0.02*
Australia, New South Wales	67	**0.4**	*0.06*	0.03	*0.00*	56	**0.3**	*0.05*	0.03	*0.00*
Australia, Northern Territory	0	**-**	-	–	-	1	**0.3**	*0.28*	0.01	*0.01*
Australia, Northern Territory: Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	0	**-**	-	–	-	1	**0.5**	*0.50*	0.02	*0.02*
Australia, Queensland	27	**0.3**	*0.06*	0.02	*0.00*	35	**0.3**	*0.06*	0.03	*0.01*
South Australia	10	**0.3**	*0.12*	0.02	*0.01*	12	**0.4**	*0.12*	0.03	*0.01*
Australia, Tasmania	3	**0.1**	*0.09*	0.02	*0.01*	3	**0.1**	*0.09*	0.01	*0.01*
Australia, Victoria	46	**0.4**	*0.07*	0.03	*0.00*	31	**0.3**	*0.06*	0.02	*0.00*
Western Australia	15	**0.4**	*0.11*	0.02	*0.01*	28	**0.7**	*0.15*	0.05	*0.01*
New Zealand	22	**0.2**	*0.06*	0.02	*0.00*	25	**0.3**	*0.06*	0.02	*0.00*
New Zealand: Maori	5	**0.3**	*0.14*	0.01	*0.01*	7	**0.5**	*0.19*	0.04	*0.02*
New Zealand: Pacific Islander	2	**0.3**	*0.22*	0.01	*0.01*	1	**0.2**	*0.18*	0.01	*0.01*
New Zealand: Other	15	**0.2**	*0.06*	0.01	*0.00*	17	**0.2**	*0.07*	0.02	*0.00*
USA, Hawaii	9	**0.4**	*0.15*	0.02	*0.01*	6	**0.2**	*0.09*	0.01	*0.01*
*USA, Hawaii: Chinese	0	**-**	-	–	-	1	**0.4**	*0.42*	0.04	*0.04*
*USA, Hawaii: Filipino	2	**0.7**	*0.49*	0.03	*0.02*	0	**-**	-	–	-
*USA, Hawaii: Hawaiian	4	**0.6**	*0.29*	0.03	*0.02*	2	**0.3**	*0.21*	0.02	*0.02*
*USA, Hawaii: Japanese	1	**0.0**	*0.04*	–	-	0	**-**	-	–	-
*USA, Hawaii: White	0	**-**	-	–	-	2	**0.4**	*0.29*	0.02	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other endocrine (C75)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	3	**0.1**	*0.05*	–	-	0	**-**	-	–	-
Egypt, Gharbiah	8	**0.1**	*0.03*	0.01	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
*Libya, Benghazi	0	**-**	-	–	-	2	**0.1**	*0.07*	0.01	*0.01*
*Malawi, Blantyre	0	**-**	-	–	-	0	**-**	-	–	-
*South Africa, PROMEC	1	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.04*	0.00	*0.00*
*Tunisia, North	2	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
*Uganda, Kyadondo County	2	**0.0**	*0.02*	0.00	*0.00*	1	**-**	-	–	-
*Zimbabwe, Harare: African	1	**0.0**	*0.03*	0.00	*0.00*	0	**-**	-	–	-
America, Central and South										
Argentina, Bahía Blanca	0	**-**	-	–	-	2	**0.2**	*0.17*	0.03	*0.02*
Argentina, Córdoba	12	**0.4**	*0.13*	0.04	*0.01*	2	**0.1**	*0.05*	0.00	*0.00*
Argentina, Mendoza	14	**0.3**	*0.09*	0.02	*0.01*	8	**0.2**	*0.07*	0.01	*0.01*
*Argentina, Tierra del Fuego	0	**-**	-	–	-	0	**-**	-	–	-
Brazil, Aracaju	2	**0.3**	*0.23*	0.06	*0.05*	0	**-**	-	–	-
Brazil, Belo Horizonte	5	**0.2**	*0.09*	0.03	*0.01*	6	**0.1**	*0.06*	0.02	*0.01*
Brazil, Cuiabá	5	**0.5**	*0.23*	0.04	*0.02*	3	**0.3**	*0.16*	0.03	*0.02*
Brazil, Fortaleza	3	**0.1**	*0.05*	0.01	*0.01*	4	**0.1**	*0.04*	0.00	*0.00*
Brazil, Goiânia	11	**0.5**	*0.17*	0.07	*0.03*	4	**0.1**	*0.07*	0.01	*0.00*
*Brazil, São Paulo	63	**0.3**	*0.03*	0.02	*0.00*	79	**0.3**	*0.03*	0.02	*0.00*
Chile, Region of Antofagasta	1	**0.1**	*0.07*	0.00	*0.00*	1	**0.1**	*0.10*	0.01	*0.01*
Chile, Bío Bío Province	3	**0.3**	*0.19*	0.03	*0.02*	1	**0.1**	*0.06*	–	-
Chile, Valdivia	0	**-**	-	–	-	1	**0.1**	*0.11*	0.01	*0.01*
Colombia, Bucaramanga	0	**-**	-	–	-	2	**0.1**	*0.05*	0.01	*0.00*
Colombia, Cali	3	**0.1**	*0.03*	0.00	*0.00*	3	**0.1**	*0.04*	0.01	*0.00*
Colombia, Manizales	2	**0.2**	*0.18*	0.02	*0.02*	0	**-**	-	–	-
Colombia, Pasto	1	**0.1**	*0.10*	–	-	0	**-**	-	–	-
Costa Rica	8	**0.1**	*0.03*	0.01	*0.00*	4	**0.0**	*0.02*	0.01	*0.00*
Cuba, Villa Clara	3	**0.1**	*0.09*	0.01	*0.01*	1	**0.0**	*0.05*	0.01	*0.01*
Ecuador, Cuenca	1	**0.2**	*0.16*	0.02	*0.02*	2	**0.2**	*0.12*	0.01	*0.01*
Ecuador, Quito	2	**0.0**	*0.03*	0.00	*0.00*	2	**0.0**	*0.03*	0.00	*0.00*
*France, Martinique	2	**0.2**	*0.13*	0.02	*0.01*	2	**0.2**	*0.14*	0.01	*0.01*
*Jamaica, Kingston and St Andrew	0	**-**	-	–	-	0	**-**	-	–	-
USA, Puerto Rico	19	**0.2**	*0.05*	0.02	*0.00*	11	**0.1**	*0.03*	0.01	*0.00*
Uruguay	3	**0.1**	*0.04*	0.00	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
America, North										
Canada	166	**0.2**	*0.02*	0.02	*0.00*	131	**0.1**	*0.01*	0.01	*0.00*
Canada, Alberta	19	**0.3**	*0.06*	0.02	*0.00*	9	**0.1**	*0.03*	0.01	*0.00*
Canada, British Columbia	10	**0.1**	*0.03*	0.01	*0.00*	10	**0.1**	*0.04*	0.01	*0.00*
Canada, Manitoba	0	**-**	-	–	-	1	**0.0**	*0.02*	0.00	*0.00*
Canada, New Brunswick	2	**0.1**	*0.09*	0.01	*0.01*	0	**-**	-	–	-
Canada, Newfoundland and Labrador	3	**0.1**	*0.09*	0.01	*0.01*	1	**0.0**	*0.05*	0.00	*0.00*
*Canada, Northwest Territories	0	**-**	-	–	-	0	**-**	-	–	-
Canada, Nova Scotia	4	**0.1**	*0.08*	0.01	*0.00*	1	**0.0**	*0.01*	–	-
Canada, Ontario	76	**0.2**	*0.02*	0.02	*0.00*	69	**0.2**	*0.02*	0.01	*0.00*
Canada, Prince Edward Island	0	**-**	-	–	-	0	**-**	-	–	-
*Canada, Quebec	47	**0.2**	*0.04*	0.02	*0.00*	38	**0.2**	*0.03*	0.01	*0.00*
Canada, Saskatchewan	5	**0.2**	*0.07*	0.02	*0.01*	2	**0.1**	*0.06*	0.01	*0.00*
*Canada, Yukon	0	**-**	-	–	-	0	**-**	-	–	-
USA, NPCR (42 states)	1175	**0.2**	*0.01*	0.01	*0.00*	879	**0.1**	*0.00*	0.01	*0.00*
USA, NPCR (42 states): American Indian	11	**0.1**	*0.04*	0.01	*0.00*	5	**0.1**	*0.03*	0.01	*0.00*
USA, NPCR (42 states): Asian and Pacific Islander	40	**0.2**	*0.02*	0.01	*0.00*	29	**0.1**	*0.02*	0.01	*0.00*
USA, NPCR (42 states): Black	160	**0.2**	*0.02*	0.02	*0.00*	175	**0.2**	*0.01*	0.02	*0.00*
USA, NPCR (42 states): White	934	**0.2**	*0.01*	0.01	*0.00*	648	**0.1**	*0.00*	0.01	*0.00*
USA, SEER (9 registries)	107	**0.2**	*0.02*	0.01	*0.00*	56	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (9 registries): Black	10	**0.1**	*0.04*	0.01	*0.00*	13	**0.1**	*0.04*	0.01	*0.00*
*USA, SEER (9 registries): White	81	**0.2**	*0.02*	0.01	*0.00*	40	**0.1**	*0.01*	0.00	*0.00*
USA, SEER (18 registries)	349	**0.2**	*0.01*	0.01	*0.00*	229	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	32	**0.2**	*0.04*	0.01	*0.00*	18	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Black	37	**0.2**	*0.03*	0.01	*0.00*	49	**0.2**	*0.03*	0.02	*0.00*
*USA, SEER (18 registries): Hispanic White	76	**0.2**	*0.02*	0.02	*0.00*	33	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	200	**0.2**	*0.01*	0.01	*0.00*	127	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): White	276	**0.2**	*0.01*	0.01	*0.00*	160	**0.1**	*0.01*	0.01	*0.00*
USA, Alabama	17	**0.1**	*0.04*	0.02	*0.00*	16	**0.1**	*0.03*	0.01	*0.00*
USA, Alabama: Black	4	**0.1**	*0.07*	0.02	*0.01*	6	**0.2**	*0.07*	0.02	*0.01*
USA, Alabama: White	12	**0.1**	*0.04*	0.01	*0.00*	10	**0.1**	*0.03*	0.01	*0.00*
USA, Alaska	3	**0.2**	*0.10*	0.01	*0.01*	2	**0.1**	*0.05*	0.00	*0.00*
*USA, Alaska: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arizona	31	**0.2**	*0.04*	0.02	*0.00*	9	**0.0**	*0.02*	0.00	*0.00*
USA, Arizona: American Indian	2	**0.3**	*0.18*	0.02	*0.01*	2	**0.2**	*0.17*	0.02	*0.02*
USA, Arizona: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Arizona: Black	1	**0.1**	*0.15*	0.01	*0.01*	0	**-**	-	–	-
USA, Arizona: White	27	**0.2**	*0.04*	0.02	*0.00*	7	**0.0**	*0.02*	0.00	*0.00*
USA, Arkansas	15	**0.2**	*0.07*	0.02	*0.00*	8	**0.1**	*0.04*	0.01	*0.00*
USA, Arkansas: Black	3	**0.2**	*0.14*	0.01	*0.01*	1	**0.1**	*0.13*	0.01	*0.01*
USA, Arkansas: White	12	**0.3**	*0.08*	0.02	*0.00*	7	**0.1**	*0.05*	0.01	*0.00*
USA, California	172	**0.2**	*0.02*	0.02	*0.00*	90	**0.1**	*0.01*	0.01	*0.00*
USA, California: American Indian	1	**0.1**	*0.08*	0.00	*0.00*	1	**0.1**	*0.15*	0.01	*0.01*
USA, California: Asian and Pacific Islander	18	**0.2**	*0.04*	0.01	*0.00*	15	**0.1**	*0.03*	0.01	*0.00*
USA, California: Black	6	**0.1**	*0.03*	0.01	*0.00*	13	**0.2**	*0.05*	0.02	*0.01*
USA, California: White	144	**0.2**	*0.02*	0.02	*0.00*	61	**0.1**	*0.01*	0.01	*0.00*
USA, California, Los Angeles County	50	**0.2**	*0.03*	0.02	*0.00*	32	**0.1**	*0.02*	0.01	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	9	**0.3**	*0.11*	0.02	*0.01*	6	**0.2**	*0.07*	0.01	*0.00*
*USA, California, Los Angeles County: Black	2	**0.1**	*0.05*	0.00	*0.00*	7	**0.2**	*0.08*	0.02	*0.01*
*USA, California, Los Angeles County: Chinese	3	**0.3**	*0.20*	0.02	*0.01*	0	**-**	-	–	-
*USA, California, Los Angeles County: Filipino	2	**0.3**	*0.22*	0.02	*0.01*	4	**0.3**	*0.19*	0.03	*0.02*
*USA, California, Los Angeles County: Hispanic White	21	**0.2**	*0.05*	0.02	*0.01*	10	**0.1**	*0.03*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other endocrine (C75) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	1	**0.7**	*0.70*	0.04	*0.04*	0	**-**	-	–	-
*USA, California, Los Angeles County: Korean	2	**0.5**	*0.36*	0.03	*0.02*	1	**0.3**	*0.26*	0.01	*0.01*
*USA, California, Los Angeles County: Non–Hispanic White	17	**0.2**	*0.06*	0.02	*0.00*	9	**0.1**	*0.04*	0.01	*0.00*
*USA, California, Los Angeles County: White	38	**0.2**	*0.04*	0.02	*0.00*	19	**0.1**	*0.02*	0.01	*0.00*
USA, California, San Francisco Bay Area	17	**0.2**	*0.05*	0.01	*0.00*	13	**0.1**	*0.03*	0.01	*0.00*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	3	**0.2**	*0.10*	0.01	*0.01*	2	**0.0**	*0.04*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Black	0	**-**	-	–	-	3	**0.2**	*0.11*	0.02	*0.02*
*USA, California, San Francisco Bay Area: Hispanic White	6	**0.3**	*0.12*	0.02	*0.01*	2	**0.1**	*0.09*	0.02	*0.02*
*USA, California, San Francisco Bay Area: Non–Hispanic White	7	**0.2**	*0.08*	0.01	*0.00*	6	**0.1**	*0.05*	0.01	*0.00*
*USA, California, San Francisco Bay Area: White	13	**0.2**	*0.07*	0.01	*0.00*	8	**0.1**	*0.04*	0.01	*0.00*
USA, Colorado	24	**0.2**	*0.05*	0.01	*0.00*	9	**0.1**	*0.02*	0.01	*0.00*
USA, Colorado: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Colorado: Black	1	**0.2**	*0.16*	0.01	*0.01*	0	**-**	-	–	-
USA, Colorado: White	19	**0.2**	*0.05*	0.01	*0.00*	9	**0.1**	*0.02*	0.01	*0.00*
USA, Connecticut	18	**0.2**	*0.05*	0.01	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
*USA, Connecticut: Black	0	**-**	-	–	-	0	**-**	-	–	-
*USA, Connecticut: White	16	**0.2**	*0.06*	0.02	*0.00*	4	**0.1**	*0.03*	0.00	*0.00*
USA, Delaware	3	**0.2**	*0.13*	0.01	*0.01*	6	**0.2**	*0.08*	0.02	*0.01*
USA, Delaware: Black	0	**-**	-	–	-	3	**0.5**	*0.32*	0.09	*0.06*
USA, Delaware: White	3	**0.3**	*0.18*	0.01	*0.01*	3	**0.1**	*0.09*	0.01	*0.01*
USA, Florida	83	**0.2**	*0.02*	0.01	*0.00*	67	**0.1**	*0.02*	0.01	*0.00*
USA, Florida: Asian and Pacific Islander	1	**0.1**	*0.10*	0.01	*0.01*	0	**-**	-	–	-
USA, Florida: Black	17	**0.2**	*0.06*	0.02	*0.00*	17	**0.2**	*0.06*	0.02	*0.01*
USA, Florida: White	65	**0.2**	*0.02*	0.01	*0.00*	48	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia	40	**0.2**	*0.03*	0.01	*0.00*	26	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia: Asian and Pacific Islander	1	**0.2**	*0.20*	0.01	*0.01*	0	**-**	-	–	-
USA, Georgia: Black	14	**0.2**	*0.06*	0.02	*0.01*	12	**0.2**	*0.05*	0.01	*0.00*
USA, Georgia: White	25	**0.2**	*0.03*	0.01	*0.00*	14	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia, Atlanta	13	**0.2**	*0.05*	0.01	*0.00*	5	**0.1**	*0.03*	0.00	*0.00*
*USA, Georgia, Atlanta: Black	5	**0.2**	*0.07*	0.01	*0.00*	5	**0.2**	*0.08*	0.01	*0.00*
*USA, Georgia, Atlanta: White	7	**0.1**	*0.06*	0.01	*0.00*	0	**-**	-	–	-
USA, Idaho	4	**0.1**	*0.06*	0.01	*0.00*	4	**0.1**	*0.06*	0.01	*0.01*
USA, Illinois	56	**0.2**	*0.02*	0.01	*0.00*	42	**0.1**	*0.02*	0.01	*0.00*
USA, Illinois: Asian and Pacific Islander	1	**0.1**	*0.07*	0.00	*0.00*	1	**0.1**	*0.06*	0.00	*0.00*
USA, Illinois: Black	7	**0.2**	*0.06*	0.01	*0.01*	10	**0.1**	*0.05*	0.02	*0.01*
USA, Illinois: White	47	**0.2**	*0.03*	0.01	*0.00*	30	**0.1**	*0.02*	0.01	*0.00*
USA, Indiana	32	**0.2**	*0.04*	0.01	*0.00*	17	**0.1**	*0.03*	0.01	*0.00*
USA, Indiana: Black	1	**0.1**	*0.07*	0.01	*0.01*	3	**0.2**	*0.13*	0.01	*0.01*
USA, Indiana: White	31	**0.2**	*0.04*	0.02	*0.00*	14	**0.1**	*0.03*	0.01	*0.00*
USA, Iowa	9	**0.1**	*0.05*	0.01	*0.00*	1	**0.0**	*0.00*	–	-
USA, Kentucky	10	**0.1**	*0.03*	0.01	*0.00*	12	**0.1**	*0.03*	0.01	*0.00*
USA, Louisiana	14	**0.2**	*0.05*	0.01	*0.00*	17	**0.2**	*0.05*	0.02	*0.00*
*USA, Louisiana: Black	6	**0.2**	*0.10*	0.03	*0.01*	10	**0.3**	*0.10*	0.03	*0.01*
*USA, Louisiana: White	8	**0.2**	*0.06*	0.01	*0.00*	7	**0.1**	*0.06*	0.01	*0.00*
*USA, Louisiana, New Orleans	2	**0.1**	*0.10*	0.01	*0.01*	7	**0.5**	*0.18*	0.04	*0.02*
*USA, Louisiana, New Orleans: Black	1	**0.1**	*0.15*	0.01	*0.01*	3	**0.4**	*0.24*	0.05	*0.04*
*USA, Louisiana, New Orleans: White	1	**0.1**	*0.12*	0.01	*0.01*	4	**0.6**	*0.33*	0.04	*0.02*
USA, Maine	5	**0.2**	*0.09*	0.01	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
USA, Massachusetts	26	**0.2**	*0.03*	0.01	*0.00*	24	**0.1**	*0.03*	0.01	*0.00*
USA, Massachusetts: Asian and Pacific Islander	0	**-**	-	–	-	2	**0.3**	*0.21*	0.02	*0.01*
USA, Massachusetts: Black	2	**0.2**	*0.11*	0.01	*0.01*	1	**0.1**	*0.10*	0.02	*0.02*
USA, Massachusetts: White	23	**0.2**	*0.04*	0.01	*0.00*	19	**0.1**	*0.03*	0.01	*0.00*
USA, Michigan	43	**0.2**	*0.03*	0.01	*0.00*	34	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan: Asian and Pacific Islander	1	**0.2**	*0.20*	0.01	*0.01*	0	**-**	-	–	-
USA, Michigan: Black	7	**0.2**	*0.08*	0.02	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
USA, Michigan: White	34	**0.1**	*0.03*	0.01	*0.00*	28	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan, Detroit	14	**0.1**	*0.04*	0.01	*0.00*	16	**0.1**	*0.04*	0.01	*0.00*
*USA, Michigan, Detroit: Black	4	**0.2**	*0.09*	0.02	*0.01*	5	**0.2**	*0.08*	0.02	*0.01*
*USA, Michigan, Detroit: White	10	**0.1**	*0.04*	0.01	*0.00*	11	**0.2**	*0.05*	0.01	*0.00*
USA, Mississippi	11	**0.1**	*0.04*	0.01	*0.00*	7	**0.1**	*0.04*	0.01	*0.00*
USA, Missouri	25	**0.2**	*0.04*	0.01	*0.00*	20	**0.1**	*0.02*	0.01	*0.00*
USA, Missouri: Black	2	**0.1**	*0.08*	0.01	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
USA, Missouri: White	22	**0.2**	*0.04*	0.01	*0.00*	19	**0.1**	*0.03*	0.01	*0.00*
USA, Montana	9	**0.4**	*0.14*	0.03	*0.01*	3	**0.1**	*0.07*	0.01	*0.01*
USA, Montana: American Indian	1	**0.7**	*0.66*	0.06	*0.06*	0	**-**	-	–	-
USA, Nebraska	6	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.05*	0.00	*0.00*
USA, Nebraska: Black	0	**-**	-	–	-	2	**0.8**	*0.56*	0.02	*0.02*
USA, Nebraska: White	6	**0.1**	*0.06*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
USA, New Hampshire	6	**0.2**	*0.09*	0.01	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
USA, New Jersey	36	**0.2**	*0.03*	0.01	*0.00*	46	**0.2**	*0.03*	0.02	*0.00*
*USA, New Jersey: Black	3	**0.1**	*0.06*	0.01	*0.01*	9	**0.2**	*0.08*	0.02	*0.01*
*USA, New Jersey: White	32	**0.2**	*0.03*	0.02	*0.00*	34	**0.2**	*0.03*	0.02	*0.00*
USA, New Mexico	4	**0.1**	*0.05*	0.01	*0.00*	5	**0.0**	*0.02*	0.00	*0.00*
*USA, New Mexico: Hispanic White	3	**0.1**	*0.08*	0.02	*0.01*	3	**0.1**	*0.05*	0.00	*0.00*
*USA, New Mexico: Non–Hispanic White	1	**0.1**	*0.10*	0.00	*0.00*	2	**0.0**	*0.01*	–	-
*USA, New Mexico: White	4	**0.1**	*0.05*	0.01	*0.01*	5	**0.0**	*0.03*	0.00	*0.00*
USA, New York State	97	**0.2**	*0.02*	0.02	*0.00*	72	**0.1**	*0.02*	0.01	*0.00*
USA, New York State: Asian and Pacific Islander	4	**0.2**	*0.08*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
USA, New York State: Black	16	**0.2**	*0.05*	0.02	*0.00*	13	**0.1**	*0.03*	0.01	*0.00*
USA, New York State: White	71	**0.2**	*0.02*	0.02	*0.00*	56	**0.1**	*0.02*	0.01	*0.00*
USA, North Carolina	30	**0.1**	*0.03*	0.01	*0.00*	36	**0.2**	*0.03*	0.01	*0.00*
USA, North Carolina: American Indian	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, North Carolina: Black	8	**0.2**	*0.07*	0.02	*0.01*	16	**0.3**	*0.08*	0.03	*0.01*
USA, North Carolina: White	22	**0.1**	*0.03*	0.01	*0.00*	20	**0.1**	*0.03*	0.01	*0.00*
USA, North Dakota	2	**0.2**	*0.12*	0.01	*0.01*	2	**0.1**	*0.10*	0.01	*0.01*
USA, Ohio	30	**0.1**	*0.02*	0.01	*0.00*	40	**0.1**	*0.02*	0.01	*0.00*
USA, Ohio: Asian and Pacific Islander	0	**-**	-	–	-	2	**0.3**	*0.24*	0.03	*0.02*
USA, Ohio: Black	3	**0.1**	*0.04*	0.00	*0.00*	8	**0.2**	*0.07*	0.02	*0.01*
USA, Ohio: White	26	**0.1**	*0.02*	0.01	*0.00*	30	**0.1**	*0.02*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other endocrine (C75) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	17	**0.2**	*0.05*	0.01	*0.00*	15	**0.1**	*0.03*	0.01	*0.00*
USA, Oklahoma: American Indian	3	**0.3**	*0.20*	0.02	*0.01*	1	**0.1**	*0.11*	0.01	*0.01*
USA, Oklahoma: Black	2	**0.3**	*0.19*	0.01	*0.01*	3	**0.3**	*0.18*	0.02	*0.01*
USA, Oklahoma: White	11	**0.2**	*0.05*	0.01	*0.00*	11	**0.1**	*0.03*	0.01	*0.00*
USA, Oregon	20	**0.3**	*0.06*	0.02	*0.00*	12	**0.1**	*0.04*	0.01	*0.00*
USA, Oregon: Asian and Pacific Islander	1	**0.3**	*0.34*	0.02	*0.02*	2	**0.6**	*0.42*	0.04	*0.03*
USA, Oregon: Black	1	**0.4**	*0.43*	0.03	*0.03*	0	**-**	-	–	-
USA, Oregon: White	17	**0.2**	*0.06*	0.01	*0.00*	10	**0.1**	*0.04*	0.01	*0.00*
USA, Pennsylvania	54	**0.2**	*0.02*	0.01	*0.00*	41	**0.1**	*0.02*	0.01	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	1	**0.2**	*0.20*	0.01	*0.01*	0	**-**	-	–	-
USA, Pennsylvania: Black	2	**0.1**	*0.05*	0.00	*0.00*	5	**0.1**	*0.06*	0.01	*0.01*
USA, Pennsylvania: White	48	**0.2**	*0.03*	0.01	*0.00*	35	**0.1**	*0.02*	0.01	*0.00*
USA, Rhode Island	5	**0.2**	*0.10*	0.02	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
USA, Rhode Island: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Rhode Island: White	5	**0.2**	*0.11*	0.02	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
USA, South Carolina	28	**0.3**	*0.05*	0.02	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
USA, South Carolina: Black	8	**0.3**	*0.10*	0.04	*0.02*	7	**0.2**	*0.08*	0.01	*0.01*
USA, South Carolina: White	20	**0.3**	*0.07*	0.02	*0.01*	6	**0.1**	*0.03*	0.00	*0.00*
USA, South Dakota	1	**0.0**	*0.05*	0.00	*0.00*	1	**0.1**	*0.06*	0.00	*0.00*
USA, Tennessee	20	**0.1**	*0.03*	0.01	*0.00*	16	**0.1**	*0.03*	0.01	*0.00*
USA, Tennessee: Black	5	**0.2**	*0.10*	0.03	*0.02*	4	**0.2**	*0.09*	0.01	*0.01*
USA, Tennessee: White	14	**0.1**	*0.03*	0.01	*0.00*	12	**0.1**	*0.03*	0.01	*0.00*
USA, Texas	97	**0.2**	*0.02*	0.01	*0.00*	83	**0.1**	*0.01*	0.01	*0.00*
USA, Texas: Asian and Pacific Islander	3	**0.2**	*0.11*	0.01	*0.01*	2	**0.1**	*0.05*	0.01	*0.00*
USA, Texas: Black	17	**0.2**	*0.06*	0.02	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
USA, Texas: White	75	**0.2**	*0.02*	0.01	*0.00*	71	**0.1**	*0.02*	0.01	*0.00*
USA, Utah	8	**0.1**	*0.04*	0.01	*0.00*	9	**0.1**	*0.04*	0.01	*0.00*
USA, Vermont	2	**0.1**	*0.08*	0.01	*0.01*	5	**0.2**	*0.14*	0.02	*0.01*
USA, Virginia	34	**0.2**	*0.03*	0.01	*0.00*	27	**0.1**	*0.03*	0.01	*0.00*
USA, Virginia: Asian and Pacific Islander	3	**0.3**	*0.16*	0.02	*0.01*	0	**-**	-	–	-
USA, Virginia: Black	8	**0.2**	*0.08*	0.02	*0.01*	7	**0.1**	*0.06*	0.01	*0.01*
USA, Virginia: White	23	**0.2**	*0.04*	0.01	*0.00*	19	**0.1**	*0.03*	0.01	*0.00*
USA, Washington State	24	**0.1**	*0.03*	0.01	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
USA, Washington, Seattle	17	**0.2**	*0.04*	0.01	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
USA, West Virginia	10	**0.2**	*0.08*	0.02	*0.01*	4	**0.1**	*0.03*	0.01	*0.00*
USA, Wisconsin	26	**0.2**	*0.03*	0.01	*0.00*	18	**0.1**	*0.03*	0.01	*0.00*
USA, Wisconsin: Black	3	**0.3**	*0.18*	0.02	*0.01*	3	**0.3**	*0.18*	0.02	*0.01*
USA, Wisconsin: White	19	**0.1**	*0.03*	0.01	*0.00*	15	**0.1**	*0.03*	0.01	*0.00*
USA, Wyoming	2	**0.1**	*0.10*	0.01	*0.01*	1	**0.1**	*0.06*	0.00	*0.00*
Asia										
Bahrain: Bahraini	1	**0.1**	*0.08*	0.01	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*
China, Beijing City	16	**0.1**	*0.02*	0.01	*0.00*	11	**0.1**	*0.04*	0.01	*0.00*
*China, Cixian County	6	**0.3**	*0.14*	0.03	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*
China, Haining County	3	**0.2**	*0.09*	0.01	*0.01*	4	**0.2**	*0.09*	0.02	*0.01*
*China, Harbin City, Nangang District	32	**1.1**	*0.21*	0.12	*0.02*	45	**1.4**	*0.22*	0.14	*0.02*
China, Hong Kong	25	**0.2**	*0.04*	0.01	*0.00*	5	**0.1**	*0.03*	0.00	*0.00*
China, Jiashan County	2	**0.2**	*0.16*	0.01	*0.01*	2	**0.1**	*0.10*	0.02	*0.02*
China, Jiaxing City	24	**2.6**	*0.67*	0.29	*0.07*	21	**2.1**	*0.50*	0.18	*0.04*
China, Macao	2	**0.2**	*0.11*	0.01	*0.01*	2	**0.1**	*0.08*	0.01	*0.01*
China, Qidong County	2	**0.0**	*0.02*	–	-	4	**0.1**	*0.05*	0.01	*0.00*
*China, Shanghai City	347	**1.5**	*0.09*	0.16	*0.01*	430	**1.9**	*0.10*	0.18	*0.01*
*China, Wuhan City	118	**0.8**	*0.08*	0.08	*0.01*	183	**1.3**	*0.10*	0.13	*0.01*
*China, Yangcheng County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yanting County	0	**-**	-	–	-	1	**0.1**	*0.15*	0.01	*0.01*
*China, Zhongshan City	2	**0.1**	*0.05*	0.01	*0.01*	2	**0.1**	*0.05*	0.01	*0.00*
*India, Bangalore	5	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
*India; Barshi, Paranda, and Bhum	1	**0.0**	*0.05*	0.00	*0.00*	0	**-**	-	–	-
*India, Bhopal	0	**-**	-	–	-	0	**-**	-	–	-
*India, Chennai	11	**0.1**	*0.03*	0.01	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
*India, Dindigul, Ambilikkai	0	**-**	-	–	-	1	**0.0**	*0.02*	0.00	*0.00*
*India, Karunagappally	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mizoram	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mumbai	17	**0.1**	*0.01*	0.00	*0.00*	22	**0.1**	*0.02*	0.01	*0.00*
*India, New Delhi	9	**0.0**	*0.01*	0.00	*0.00*	11	**0.0**	*0.01*	0.00	*0.00*
*India, Poona	5	**0.1**	*0.03*	0.01	*0.00*	9	**0.1**	*0.04*	0.01	*0.01*
*India, Sikkim State	1	**0.1**	*0.09*	0.01	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*
*India, Trivandrum	0	**-**	-	–	-	0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province	10	**0.5**	*0.18*	0.06	*0.02*	5	**0.3**	*0.14*	0.04	*0.02*
Israel	22	**0.1**	*0.03*	0.01	*0.00*	15	**0.1**	*0.02*	0.01	*0.00*
*Israel: Jews	20	**0.1**	*0.03*	0.01	*0.00*	13	**0.1**	*0.02*	0.01	*0.00*
*Israel: Non–Jews	2	**0.1**	*0.05*	0.01	*0.01*	2	**0.1**	*0.06*	0.00	*0.00*
Japan, Aichi Prefecture	11	**0.3**	*0.09*	0.02	*0.01*	3	**0.1**	*0.06*	0.01	*0.01*
Japan, Fukui Prefecture	3	**0.1**	*0.05*	0.00	*0.00*	6	**0.1**	*0.07*	0.02	*0.01*
Japan, Hiroshima	10	**0.4**	*0.14*	0.03	*0.01*	7	**0.1**	*0.05*	0.02	*0.01*
Japan, Miyagi Prefecture	7	**0.2**	*0.06*	0.01	*0.00*	6	**0.1**	*0.07*	0.01	*0.00*
Japan, Nagasaki Prefecture	7	**0.3**	*0.12*	0.02	*0.01*	6	**0.2**	*0.09*	0.01	*0.01*
Japan, Niigata Prefecture	11	**0.3**	*0.08*	0.02	*0.01*	7	**0.1**	*0.04*	0.01	*0.00*
*Japan, Osaka Prefecture	47	**0.3**	*0.05*	0.02	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
Japan, Saga Prefecture	5	**0.3**	*0.13*	0.02	*0.01*	2	**0.0**	*0.03*	0.01	*0.01*
Republic of Korea	287	**0.3**	*0.02*	0.02	*0.00*	162	**0.1**	*0.01*	0.01	*0.00*
Republic of Korea, Busan	14	**0.2**	*0.05*	0.01	*0.00*	11	**0.1**	*0.05*	0.01	*0.00*
Republic of Korea, Daegu	9	**0.1**	*0.05*	0.01	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
Republic of Korea, Daejeon	12	**0.4**	*0.11*	0.03	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
Republic of Korea, Gwangju	15	**0.5**	*0.12*	0.04	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
Republic of Korea, Incheon	15	**0.2**	*0.06*	0.02	*0.00*	9	**0.1**	*0.05*	0.01	*0.00*
Republic of Korea, Jejudo	7	**0.7**	*0.29*	0.04	*0.02*	4	**0.3**	*0.16*	0.02	*0.01*
Republic of Korea, Seoul	55	**0.3**	*0.04*	0.02	*0.00*	39	**0.1**	*0.02*	0.01	*0.00*
Republic of Korea, Ulsan	6	**0.2**	*0.10*	0.01	*0.00*	7	**0.2**	*0.09*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other endocrine (C75) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	2	**0.0**	*0.03*	0.00	*0.00*	1	**0.1**	*0.06*	0.01	*0.01*
*Kuwait: Kuwaitis	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.1**	*0.09*	0.02	*0.02*
*Kuwait: Non−Kuwaitis	1	**0.1**	*0.05*	0.00	*0.00*	0	**-**	-	–	-
*Malaysia, Penang	6	**0.2**	*0.09*	0.02	*0.01*	2	**0.1**	*0.06*	0.01	*0.01*
*Malaysia, Penang: Chinese	3	**0.2**	*0.14*	0.02	*0.01*	2	**0.1**	*0.10*	0.02	*0.01*
*Malaysia, Penang: Indian	1	**0.3**	*0.28*	0.02	*0.02*	0	**-**	-	–	-
*Malaysia, Penang: Malay	2	**0.2**	*0.13*	0.02	*0.01*	0	**-**	-	–	-
*Philippines, Manila	9	**0.1**	*0.02*	0.00	*0.00*	6	**0.1**	*0.02*	0.01	*0.00*
*Philippines, Rizal	12	**0.1**	*0.03*	0.00	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
Qatar: Qatari	0	**-**	-	–	-	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	14	**0.1**	*0.03*	0.01	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
Singapore	15	**0.2**	*0.06*	0.01	*0.00*	8	**0.1**	*0.03*	0.01	*0.00*
Singapore: Chinese	11	**0.2**	*0.06*	0.01	*0.00*	8	**0.1**	*0.05*	0.01	*0.00*
Singapore: Indian	0	**-**	-	–	-	0	**-**	-	–	-
Singapore: Malay	3	**0.3**	*0.17*	0.01	*0.01*	0	**-**	-	–	-
Thailand, Bangkok	20	**0.1**	*0.03*	0.02	*0.00*	15	**0.1**	*0.02*	0.01	*0.00*
Thailand, Chiang Mai	5	**0.2**	*0.07*	0.01	*0.01*	7	**0.2**	*0.08*	0.02	*0.01*
Thailand, Chonburi	2	**0.1**	*0.05*	0.00	*0.00*	3	**0.1**	*0.04*	0.01	*0.00*
*Thailand, Khon Kaen	2	**0.0**	*0.03*	0.00	*0.00*	2	**0.0**	*0.03*	0.00	*0.00*
Thailand, Lampang	3	**0.1**	*0.09*	0.02	*0.01*	2	**0.1**	*0.08*	0.01	*0.01*
*Thailand, Songkhla	3	**0.1**	*0.06*	0.00	*0.00*	0	**-**	-	–	-
*Turkey, Antalya	6	**0.2**	*0.07*	0.01	*0.00*	4	**0.1**	*0.06*	0.01	*0.00*
*Turkey, Edirne	0	**-**	-	–	-	0	**-**	-	–	-
*Turkey, Izmir	9	**0.1**	*0.03*	0.01	*0.00*	10	**0.1**	*0.03*	0.01	*0.00*
*Turkey, Trabzon	0	**-**	-	–	-	0	**-**	-	–	-
Europe										
Austria	28	**0.1**	*0.03*	0.01	*0.00*	22	**0.1**	*0.02*	0.01	*0.00*
Austria, Tyrol	1	**0.0**	*0.04*	0.01	*0.01*	1	**0.0**	*0.05*	0.00	*0.00*
Austria, Vorarlberg	0	**-**	-	–	-	0	**-**	-	–	-
*Belarus	17	**0.1**	*0.02*	0.01	*0.00*	19	**0.1**	*0.01*	0.01	*0.00*
*Belgium	32	**0.2**	*0.03*	0.01	*0.00*	22	**0.1**	*0.02*	0.01	*0.00*
Bulgaria	21	**0.1**	*0.02*	0.01	*0.00*	15	**0.1**	*0.02*	0.01	*0.00*
Croatia	25	**0.2**	*0.04*	0.02	*0.00*	29	**0.2**	*0.03*	0.02	*0.00*
Cyprus	0	**-**	-	–	-	1	**0.0**	*0.01*	–	-
Czech Republic	36	**0.1**	*0.02*	0.01	*0.00*	21	**0.0**	*0.01*	0.01	*0.00*
Denmark	54	**0.3**	*0.04*	0.03	*0.00*	40	**0.2**	*0.04*	0.02	*0.00*
*Estonia	4	**0.1**	*0.07*	0.01	*0.01*	2	**0.1**	*0.05*	0.00	*0.00*
Finland	14	**0.1**	*0.03*	0.01	*0.00*	17	**0.1**	*0.03*	0.01	*0.00*
*France, Bas−Rhin	2	**0.1**	*0.06*	0.01	*0.00*	1	**0.1**	*0.06*	0.00	*0.00*
*France, Calvados	4	**0.2**	*0.11*	0.02	*0.01*	0	**-**	-	–	-
*France, Doubs	2	**0.1**	*0.10*	0.01	*0.01*	1	**0.1**	*0.09*	0.01	*0.01*
*France, Haut−Rhin	2	**0.1**	*0.10*	0.01	*0.01*	3	**0.2**	*0.11*	0.01	*0.01*
*France, Hérault	2	**0.1**	*0.07*	0.01	*0.00*	1	**0.0**	*0.03*	0.00	*0.00*
*France, Isère	2	**0.1**	*0.06*	0.01	*0.00*	2	**0.1**	*0.04*	0.00	*0.00*
*France, Loire−Atlantique	2	**0.1**	*0.05*	0.00	*0.00*	1	**0.0**	*0.01*	–	-
*France, Manche	0	**-**	-	–	-	0	**-**	-	–	-
*France, Somme	2	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.01*
*France, Tarn	3	**0.3**	*0.21*	0.02	*0.01*	0	**-**	-	–	-
*France, Vendée	0	**-**	-	–	-	2	**0.1**	*0.07*	0.01	*0.01*
Germany, Brandenburg	17	**0.2**	*0.06*	0.02	*0.01*	11	**0.1**	*0.04*	0.01	*0.00*
Germany, Bremen	1	**0.1**	*0.11*	0.01	*0.01*	3	**0.1**	*0.06*	0.01	*0.01*
Germany, Free State of Saxony	27	**0.2**	*0.05*	0.02	*0.00*	19	**0.1**	*0.04*	0.01	*0.00*
Germany, Hamburg	8	**0.1**	*0.04*	0.01	*0.00*	12	**0.2**	*0.05*	0.01	*0.01*
Germany, Mecklenburg−Western Pomerania	7	**0.2**	*0.08*	0.01	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
Germany, Munich	21	**0.2**	*0.04*	0.02	*0.00*	26	**0.2**	*0.04*	0.02	*0.00*
Germany, North Rhine−Westphalia	4	**0.0**	*0.03*	0.00	*0.00*	8	**0.1**	*0.03*	0.01	*0.00*
Germany, Saarland	3	**0.2**	*0.12*	0.01	*0.01*	2	**0.1**	*0.08*	0.01	*0.00*
Germany, Schleswig−Holstein	9	**0.1**	*0.05*	0.01	*0.00*	7	**0.1**	*0.03*	0.01	*0.00*
Iceland	4	**0.6**	*0.32*	0.03	*0.02*	3	**0.4**	*0.24*	0.04	*0.02*
Ireland	21	**0.2**	*0.04*	0.02	*0.00*	33	**0.2**	*0.05*	0.02	*0.01*
Italy, Biella	1	**0.1**	*0.08*	0.02	*0.02*	0	**-**	-	–	-
Italy, Brescia	4	**0.2**	*0.14*	0.02	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
Italy, Catania and Messina	4	**0.2**	*0.09*	0.01	*0.01*	2	**0.0**	*0.03*	0.01	*0.01*
Italy, Catanzaro	0	**-**	-	–	-	2	**0.4**	*0.31*	0.03	*0.02*
Italy, Como	0	**-**	-	–	-	1	**0.0**	*0.01*	–	-
Italy, Ferrara	0	**-**	-	–	-	2	**0.2**	*0.17*	0.02	*0.01*
Italy, Florence and Prato	5	**0.4**	*0.20*	0.03	*0.01*	2	**0.1**	*0.06*	0.01	*0.01*
Italy, Friuli−Venezia Giulia	7	**0.2**	*0.08*	0.01	*0.01*	3	**0.1**	*0.10*	0.01	*0.01*
Italy, Genoa	5	**0.2**	*0.09*	0.02	*0.01*	3	**0.0**	*0.01*	–	-
Italy, Latina	2	**0.3**	*0.18*	0.01	*0.01*	2	**0.2**	*0.17*	0.01	*0.01*
Italy, Lecco	0	**-**	-	–	-	1	**0.3**	*0.31*	0.01	*0.01*
Italy, Lombardy, South	3	**0.2**	*0.09*	0.02	*0.01*	1	**0.1**	*0.12*	0.01	*0.01*
Italy, Mantua	0	**-**	-	–	-	1	**0.4**	*0.40*	0.02	*0.02*
Italy, Milan	5	**0.2**	*0.11*	0.02	*0.01*	6	**0.3**	*0.18*	0.02	*0.01*
Italy, Modena	3	**0.3**	*0.19*	0.02	*0.01*	1	**0.1**	*0.05*	0.00	*0.00*
Italy, Naples	2	**0.1**	*0.08*	0.00	*0.00*	4	**0.3**	*0.13*	0.02	*0.01*
Italy, Nuoro	5	**0.6**	*0.33*	0.09	*0.04*	1	**0.1**	*0.11*	0.01	*0.01*
Italy, Palermo	4	**0.2**	*0.11*	0.01	*0.01*	3	**0.1**	*0.04*	0.01	*0.00*
Italy, Parma	6	**0.7**	*0.34*	0.05	*0.02*	3	**0.1**	*0.08*	0.02	*0.01*
Italy, Ragusa	3	**0.3**	*0.22*	0.02	*0.01*	2	**0.3**	*0.26*	0.03	*0.02*
Italy, Reggio Emilia	4	**0.2**	*0.10*	0.02	*0.01*	4	**0.1**	*0.06*	0.01	*0.01*
Italy, Romagna	5	**0.1**	*0.05*	0.01	*0.01*	7	**0.1**	*0.06*	0.01	*0.01*
Italy, Salerno	2	**0.0**	*0.03*	0.01	*0.01*	4	**0.2**	*0.11*	0.01	*0.01*
Italy, Sassari	7	**0.5**	*0.21*	0.05	*0.02*	9	**0.9**	*0.31*	0.06	*0.02*
Italy, Sondrio	1	**0.2**	*0.17*	0.02	*0.02*	0	**-**	-	–	-
Italy, South Tyrol	3	**0.5**	*0.32*	0.03	*0.02*	0	**-**	-	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other endocrine (C75) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	1	**0.1**	*0.14*	0.01	*0.01*	0	**-**	-	–	-
Italy, Trapani	1	**0.2**	*0.17*	0.01	*0.01*	0	**-**	-	–	-
Italy, Trento	2	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.06*	0.01	*0.01*
Italy, Turin	6	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	–	-
Italy, Umbria	9	**0.3**	*0.09*	0.03	*0.01*	6	**0.2**	*0.12*	0.02	*0.01*
Italy, Varese	2	**0.1**	*0.04*	0.01	*0.01*	2	**0.1**	*0.08*	0.01	*0.01*
Italy, Veneto	5	**0.1**	*0.05*	0.01	*0.00*	3	**0.1**	*0.05*	0.01	*0.00*
Latvia	3	**0.1**	*0.03*	0.00	*0.00*	5	**0.1**	*0.06*	0.01	*0.00*
Lithuania	12	**0.2**	*0.05*	0.01	*0.00*	10	**0.1**	*0.03*	0.01	*0.00*
Malta	1	**0.1**	*0.08*	0.01	*0.01*	1	**0.1**	*0.09*	0.01	*0.01*
*The Netherlands	46	**0.1**	*0.02*	0.01	*0.00*	22	**0.1**	*0.01*	0.00	*0.00*
*The Netherlands, Eindhoven	3	**0.1**	*0.07*	0.01	*0.01*	1	**0.1**	*0.06*	0.00	*0.00*
Norway	69	**0.5**	*0.06*	0.04	*0.01*	91	**0.6**	*0.07*	0.05	*0.01*
Poland, Cracow	6	**0.3**	*0.13*	0.05	*0.02*	7	**0.3**	*0.11*	0.04	*0.01*
Poland, Kielce	7	**0.2**	*0.07*	0.01	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
Poland, Lower Silesia	15	**0.2**	*0.05*	0.02	*0.00*	15	**0.1**	*0.04*	0.01	*0.00*
Poland, Podkarpackie	18	**0.3**	*0.07*	0.03	*0.01*	25	**0.3**	*0.07*	0.04	*0.01*
Portugal, Azores	1	**0.2**	*0.19*	0.01	*0.01*	2	**0.6**	*0.42*	0.03	*0.02*
Russian Federation, Saint Petersburg	6	**0.1**	*0.03*	0.00	*0.00*	8	**0.0**	*0.03*	0.00	*0.00*
*Serbia, Central	41	**0.2**	*0.03*	0.02	*0.00*	49	**0.3**	*0.04*	0.03	*0.00*
Slovakia	12	**0.1**	*0.02*	0.01	*0.00*	12	**0.1**	*0.02*	0.00	*0.00*
Slovenia	1	**0.0**	*0.04*	0.00	*0.00*	5	**0.1**	*0.05*	0.01	*0.00*
Spain, Albacete	1	**0.1**	*0.09*	0.01	*0.01*	2	**0.4**	*0.27*	0.02	*0.01*
Spain, Asturias	3	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	–	-
Spain, Basque Country	7	**0.2**	*0.09*	0.01	*0.00*	5	**0.1**	*0.06*	0.01	*0.00*
Spain, Canary Islands	2	**0.1**	*0.06*	0.00	*0.00*	3	**0.1**	*0.03*	0.01	*0.00*
Spain, Ciudad Real	1	**0.0**	*0.05*	0.01	*0.01*	3	**0.3**	*0.23*	0.03	*0.02*
Spain, Cuenca	2	**0.9**	*0.60*	0.04	*0.03*	0	**-**	-	–	-
Spain, Girona	3	**0.2**	*0.13*	0.01	*0.01*	3	**0.1**	*0.07*	0.01	*0.01*
*Spain, Granada	4	**0.2**	*0.08*	0.02	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
Spain, La Rioja	1	**0.1**	*0.11*	0.01	*0.01*	0	**-**	-	–	-
Spain, Mallorca	1	**0.1**	*0.09*	0.00	*0.01*	0	**-**	-	–	-
Spain, Murcia	5	**0.1**	*0.06*	0.01	*0.00*	7	**0.2**	*0.07*	0.01	*0.01*
Spain, Navarra	3	**0.1**	*0.07*	0.01	*0.01*	1	**0.0**	*0.05*	0.00	*0.00*
Spain, Tarragona	5	**0.3**	*0.13*	0.02	*0.01*	7	**0.3**	*0.10*	0.03	*0.01*
*Sweden	42	**0.1**	*0.02*	0.01	*0.00*	44	**0.1**	*0.02*	0.01	*0.00*
Switzerland, Basel	0	**-**	-	–	-	1	**0.2**	*0.16*	0.01	*0.01*
Switzerland, Geneva	3	**0.3**	*0.20*	0.02	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
Switzerland, Graubünden and Glarus	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, Neuchâtel	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, St Gall–Appenzell	4	**0.3**	*0.14*	0.03	*0.02*	0	**-**	-	–	-
Switzerland, Ticino	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, Valais	1	**0.1**	*0.09*	0.01	*0.01*	0	**-**	-	–	-
Switzerland, Vaud	0	**-**	-	–	-	2	**0.1**	*0.10*	0.01	*0.01*
Switzerland, Zurich	5	**0.2**	*0.09*	0.01	*0.01*	4	**0.2**	*0.11*	0.01	*0.01*
Ukraine	89	**0.1**	*0.01*	0.01	*0.00*	85	**0.1**	*0.01*	0.00	*0.00*
UK, England	281	**0.2**	*0.01*	0.02	*0.00*	185	**0.1**	*0.01*	0.01	*0.00*
UK, England, East of England Region	30	**0.2**	*0.04*	0.02	*0.00*	13	**0.1**	*0.03*	0.01	*0.00*
UK, England, North Western	35	**0.2**	*0.04*	0.02	*0.00*	27	**0.1**	*0.02*	0.01	*0.00*
UK, England, Northern and Yorkshire	25	**0.2**	*0.03*	0.01	*0.00*	24	**0.1**	*0.03*	0.01	*0.00*
UK, England, Oxford Region	15	**0.2**	*0.06*	0.02	*0.00*	10	**0.1**	*0.05*	0.01	*0.00*
UK, England, South and Western Regions	53	**0.2**	*0.04*	0.02	*0.00*	39	**0.2**	*0.03*	0.02	*0.00*
UK, England, Thames	67	**0.2**	*0.03*	0.02	*0.00*	47	**0.1**	*0.02*	0.01	*0.00*
UK, England, Trent	10	**0.1**	*0.04*	0.01	*0.00*	8	**0.1**	*0.03*	0.01	*0.00*
UK, England, West Midlands	34	**0.3**	*0.05*	0.02	*0.00*	8	**0.0**	*0.02*	0.00	*0.00*
UK, Northern Ireland	11	**0.2**	*0.07*	0.02	*0.01*	5	**0.1**	*0.04*	0.01	*0.00*
UK, Scotland	28	**0.2**	*0.04*	0.02	*0.00*	21	**0.1**	*0.03*	0.01	*0.00*
UK, Wales	13	**0.2**	*0.05*	0.01	*0.00*	21	**0.2**	*0.05*	0.02	*0.00*
Oceania										
Australian Capital Territory	1	**0.1**	*0.10*	0.01	*0.01*	2	**0.2**	*0.15*	0.03	*0.02*
Australia, New South Wales	33	**0.2**	*0.03*	0.01	*0.00*	20	**0.1**	*0.02*	0.01	*0.00*
Australia, Northern Territory	2	**0.4**	*0.31*	0.02	*0.02*	0	**-**	-	–	-
Australia, Northern Territory: Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	2	**0.8**	*0.53*	0.04	*0.03*	0	**-**	-	–	-
Australia, Queensland	10	**0.1**	*0.04*	0.01	*0.00*	12	**0.1**	*0.03*	0.01	*0.00*
South Australia	8	**0.2**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
Australia, Tasmania	7	**0.6**	*0.23*	0.05	*0.02*	2	**0.1**	*0.05*	0.01	*0.01*
Australia, Victoria	31	**0.2**	*0.04*	0.02	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Western Australia	13	**0.2**	*0.07*	0.02	*0.01*	3	**0.1**	*0.03*	0.01	*0.00*
New Zealand	17	**0.2**	*0.05*	0.01	*0.00*	18	**0.2**	*0.04*	0.01	*0.00*
New Zealand: Maori	4	**0.2**	*0.11*	0.01	*0.01*	6	**0.4**	*0.18*	0.04	*0.03*
New Zealand: Pacific Islander	2	**0.3**	*0.20*	0.02	*0.01*	4	**0.7**	*0.36*	0.07	*0.05*
New Zealand: Other	11	**0.2**	*0.05*	0.01	*0.00*	8	**0.1**	*0.04*	0.01	*0.00*
USA, Hawaii	7	**0.3**	*0.11*	0.02	*0.01*	2	**0.0**	*0.03*	0.01	*0.00*
*USA, Hawaii: Chinese	0	**-**	-	–	-	0	**-**	-	–	-
*USA, Hawaii: Filipino	0	**-**	-	–	-	0	**-**	-	–	-
*USA, Hawaii: Hawaiian	4	**0.6**	*0.30*	0.05	*0.03*	1	**0.1**	*0.13*	0.02	*0.02*
*USA, Hawaii: Japanese	2	**0.7**	*0.48*	0.03	*0.02*	0	**-**	-	–	-
*USA, Hawaii: White	1	**0.3**	*0.26*	0.01	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hodgkin lymphoma (C81)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	97	**3.2**	*0.36*	–	-	63	**1.7**	*0.22*	–	-
Egypt, Gharbiah	226	**2.3**	*0.16*	0.17	*0.01*	116	**1.2**	*0.12*	0.11	*0.01*
*Libya, Benghazi	38	**1.6**	*0.28*	0.11	*0.02*	44	**1.8**	*0.30*	0.15	*0.03*
*Malawi, Blantyre	15	**0.7**	*0.25*	0.07	*0.03*	8	**0.5**	*0.23*	0.05	*0.03*
*South Africa, PROMEC	2	**0.1**	*0.05*	0.00	*0.00*	3	**0.1**	*0.07*	0.01	*0.01*
*Tunisia, North	154	**2.0**	*0.17*	0.19	*0.02*	115	**1.4**	*0.13*	0.11	*0.01*
*Uganda, Kyadondo County	44	**1.6**	*0.34*	0.17	*0.05*	43	**1.9**	*0.39*	0.22	*0.06*
*Zimbabwe, Harare: African	13	**0.7**	*0.22*	0.07	*0.02*	10	**0.5**	*0.22*	0.07	*0.05*
America, Central and South										
Argentina, Bahía Blanca	19	**2.4**	*0.56*	0.25	*0.06*	17	**2.0**	*0.53*	0.17	*0.05*
Argentina, Córdoba	63	**2.4**	*0.31*	0.24	*0.03*	59	**1.8**	*0.24*	0.15	*0.02*
Argentina, Mendoza	93	**2.3**	*0.24*	0.21	*0.02*	69	**1.6**	*0.19*	0.14	*0.02*
*Argentina, Tierra del Fuego	4	**1.3**	*0.67*	0.08	*0.04*	5	**2.1**	*1.01*	0.32	*0.19*
Brazil, Aracaju	21	**2.2**	*0.51*	0.19	*0.06*	14	**1.1**	*0.31*	0.10	*0.04*
Brazil, Belo Horizonte	61	**1.9**	*0.24*	0.15	*0.02*	73	**1.8**	*0.21*	0.14	*0.02*
Brazil, Cuiabá	18	**1.3**	*0.33*	0.12	*0.04*	15	**1.3**	*0.35*	0.15	*0.05*
Brazil, Fortaleza	91	**2.2**	*0.25*	0.23	*0.03*	73	**1.4**	*0.17*	0.12	*0.02*
Brazil, Goiânia	69	**2.6**	*0.32*	0.22	*0.04*	55	**1.6**	*0.22*	0.14	*0.02*
*Brazil, São Paulo	633	**2.4**	*0.10*	0.20	*0.01*	550	**1.7**	*0.08*	0.14	*0.01*
Chile, Region of Antofagasta	13	**0.9**	*0.27*	0.06	*0.02*	15	**1.1**	*0.29*	0.13	*0.04*
Chile, Bío Bío Province	14	**1.5**	*0.40*	0.13	*0.04*	10	**1.1**	*0.35*	0.13	*0.04*
Chile, Valdivia	15	**1.5**	*0.39*	0.11	*0.04*	12	**1.2**	*0.35*	0.11	*0.04*
Colombia, Bucaramanga	32	**1.3**	*0.23*	0.09	*0.02*	26	**1.0**	*0.19*	0.08	*0.02*
Colombia, Cali	77	**1.7**	*0.20*	0.17	*0.03*	63	**1.1**	*0.14*	0.10	*0.02*
Colombia, Manizales	32	**3.4**	*0.60*	0.27	*0.05*	19	**1.7**	*0.39*	0.18	*0.05*
Colombia, Pasto	8	**1.0**	*0.35*	0.12	*0.05*	7	**0.7**	*0.28*	0.06	*0.03*
Costa Rica	205	**1.9**	*0.14*	0.16	*0.01*	156	**1.4**	*0.12*	0.12	*0.01*
Cuba, Villa Clara	41	**2.1**	*0.34*	0.18	*0.03*	30	**1.4**	*0.28*	0.12	*0.03*
Ecuador, Cuenca	6	**0.5**	*0.21*	0.02	*0.01*	10	**0.7**	*0.25*	0.06	*0.03*
Ecuador, Quito	49	**1.5**	*0.22*	0.14	*0.03*	19	**0.5**	*0.11*	0.03	*0.01*
*France, Martinique	13	**1.4**	*0.41*	0.10	*0.03*	12	**1.0**	*0.32*	0.08	*0.03*
*Jamaica, Kingston and St Andrew	4	**0.2**	*0.11*	0.01	*0.01*	9	**0.4**	*0.15*	0.03	*0.01*
USA, Puerto Rico	252	**2.4**	*0.16*	0.20	*0.01*	189	**1.6**	*0.12*	0.14	*0.01*
Uruguay	89	**1.8**	*0.19*	0.14	*0.02*	91	**1.6**	*0.18*	0.13	*0.01*
America, North										
Canada	2429	**2.7**	*0.06*	0.22	*0.00*	1982	**2.2**	*0.05*	0.18	*0.00*
Canada, Alberta	240	**2.5**	*0.17*	0.20	*0.01*	204	**2.3**	*0.17*	0.18	*0.01*
Canada, British Columbia	259	**2.3**	*0.15*	0.18	*0.01*	225	**2.0**	*0.14*	0.16	*0.01*
Canada, Manitoba	78	**2.4**	*0.28*	0.21	*0.03*	84	**2.6**	*0.30*	0.20	*0.02*
Canada, New Brunswick	65	**3.2**	*0.42*	0.27	*0.03*	47	**2.2**	*0.35*	0.18	*0.03*
Canada, Newfoundland and Labrador	27	**2.1**	*0.42*	0.18	*0.04*	18	**1.5**	*0.36*	0.12	*0.03*
*Canada, Northwest Territories	1	**0.7**	*0.67*	0.06	*0.06*	1	**0.7**	*0.69*	0.06	*0.06*
Canada, Nova Scotia	80	**3.3**	*0.40*	0.26	*0.03*	70	**2.7**	*0.35*	0.21	*0.03*
Canada, Ontario	962	**2.8**	*0.09*	0.23	*0.01*	796	**2.3**	*0.09*	0.18	*0.01*
Canada, Prince Edward Island	8	**2.3**	*0.85*	0.18	*0.07*	4	**1.3**	*0.65*	0.08	*0.04*
*Canada, Quebec	627	**3.0**	*0.13*	0.24	*0.01*	478	**2.3**	*0.11*	0.18	*0.01*
Canada, Saskatchewan	80	**3.0**	*0.34*	0.24	*0.03*	53	**2.0**	*0.29*	0.15	*0.02*
*Canada, Yukon	2	**2.9**	*2.09*	0.32	*0.24*	2	**2.3**	*1.67*	0.25	*0.19*
USA, NPCR (42 states)	20229	**2.8**	*0.02*	0.24	*0.00*	16892	**2.3**	*0.02*	0.19	*0.00*
USA, NPCR (42 states): American Indian	88	**1.2**	*0.13*	0.10	*0.01*	64	**0.9**	*0.11*	0.07	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	299	**1.0**	*0.06*	0.08	*0.01*	226	**0.7**	*0.05*	0.05	*0.00*
USA, NPCR (42 states): Black	2289	**2.6**	*0.05*	0.23	*0.01*	1987	**2.0**	*0.05*	0.17	*0.00*
USA, NPCR (42 states): White	17124	**2.9**	*0.02*	0.24	*0.00*	14283	**2.4**	*0.02*	0.19	*0.00*
USA, SEER (9 registries)	2222	**2.9**	*0.06*	0.24	*0.01*	1882	**2.4**	*0.06*	0.20	*0.00*
*USA, SEER (9 registries): Black	254	**2.9**	*0.18*	0.26	*0.02*	239	**2.4**	*0.16*	0.20	*0.02*
*USA, SEER (9 registries): White	1826	**3.1**	*0.07*	0.26	*0.01*	1527	**2.6**	*0.07*	0.21	*0.01*
USA, SEER (18 registries)	6225	**2.7**	*0.04*	0.24	*0.00*	5126	**2.2**	*0.03*	0.18	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	269	**1.4**	*0.09*	0.11	*0.01*	217	**1.1**	*0.08*	0.08	*0.01*
*USA, SEER (18 registries): Black	665	**2.6**	*0.10*	0.23	*0.01*	578	**2.1**	*0.09*	0.18	*0.01*
*USA, SEER (18 registries): Hispanic White	917	**2.4**	*0.08*	0.23	*0.01*	708	**1.8**	*0.07*	0.16	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	4283	**3.2**	*0.05*	0.27	*0.00*	3556	**2.7**	*0.05*	0.21	*0.00*
*USA, SEER (18 registries): White	5200	**2.9**	*0.04*	0.25	*0.00*	4264	**2.4**	*0.04*	0.20	*0.00*
USA, Alabama	294	**2.4**	*0.15*	0.20	*0.01*	257	**2.1**	*0.14*	0.16	*0.01*
USA, Alabama: Black	63	**2.1**	*0.27*	0.18	*0.03*	66	**1.9**	*0.23*	0.14	*0.02*
USA, Alabama: White	220	**2.5**	*0.17*	0.21	*0.01*	185	**2.1**	*0.17*	0.17	*0.01*
USA, Alaska	56	**3.0**	*0.41*	0.27	*0.04*	27	**1.6**	*0.31*	0.13	*0.03*
*USA, Alaska: American Indian	4	**1.4**	*0.70*	0.11	*0.06*	0	**-**	-	–	-
USA, Arizona	313	**1.8**	*0.11*	0.16	*0.01*	272	**1.7**	*0.11*	0.14	*0.01*
USA, Arizona: American Indian	4	**0.6**	*0.33*	0.07	*0.04*	4	**0.6**	*0.28*	0.05	*0.03*
USA, Arizona: Asian and Pacific Islander	2	**0.5**	*0.40*	0.06	*0.05*	2	**0.6**	*0.42*	0.03	*0.02*
USA, Arizona: Black	11	**1.6**	*0.49*	0.13	*0.04*	13	**2.1**	*0.60*	0.18	*0.05*
USA, Arizona: White	291	**1.9**	*0.12*	0.17	*0.01*	245	**1.7**	*0.12*	0.14	*0.01*
USA, Arkansas	218	**2.8**	*0.20*	0.24	*0.02*	155	**1.9**	*0.16*	0.16	*0.01*
USA, Arkansas: Black	25	**2.4**	*0.48*	0.17	*0.04*	26	**2.1**	*0.41*	0.17	*0.04*
USA, Arkansas: White	189	**2.8**	*0.22*	0.25	*0.02*	127	**1.8**	*0.18*	0.16	*0.02*
USA, California	2522	**2.5**	*0.05*	0.22	*0.01*	2011	**2.0**	*0.05*	0.17	*0.00*
USA, California: American Indian	9	**0.7**	*0.24*	0.06	*0.02*	14	**1.0**	*0.28*	0.08	*0.02*
USA, California: Asian and Pacific Islander	134	**1.2**	*0.10*	0.09	*0.01*	103	**0.8**	*0.08*	0.06	*0.01*
USA, California: Black	169	**2.5**	*0.19*	0.20	*0.02*	141	**2.0**	*0.17*	0.18	*0.02*
USA, California: White	2143	**2.7**	*0.06*	0.24	*0.01*	1707	**2.2**	*0.06*	0.18	*0.01*
USA, California, Los Angeles County	659	**2.5**	*0.10*	0.21	*0.01*	530	**1.9**	*0.09*	0.16	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	46	**1.3**	*0.21*	0.10	*0.02*	34	**0.8**	*0.15*	0.07	*0.01*
*USA, California, Los Angeles County: Black	51	**2.0**	*0.29*	0.15	*0.02*	51	**1.8**	*0.26*	0.16	*0.02*
*USA, California, Los Angeles County: Chinese	12	**1.2**	*0.37*	0.08	*0.03*	10	**0.9**	*0.31*	0.06	*0.02*
*USA, California, Los Angeles County: Filipino	13	**1.7**	*0.49*	0.12	*0.03*	9	**0.9**	*0.32*	0.07	*0.03*
*USA, California, Los Angeles County: Hispanic White	248	**2.5**	*0.17*	0.24	*0.02*	183	**1.7**	*0.13*	0.15	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hodgkin lymphoma (C81) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	1	**0.1**	*0.07*	–	-	4	**0.9**	*0.46*	0.10	*0.05*
*USA, California, Los Angeles County: Korean	2	**0.4**	*0.29*	0.03	*0.02*	3	**0.5**	*0.28*	0.06	*0.04*
*USA, California, Los Angeles County: Non−Hispanic White	303	**3.5**	*0.22*	0.29	*0.02*	253	**3.0**	*0.22*	0.24	*0.02*
*USA, California, Los Angeles County: White	551	**2.7**	*0.12*	0.24	*0.01*	436	**2.1**	*0.11*	0.18	*0.01*
USA, California, San Francisco Bay Area	314	**2.6**	*0.15*	0.22	*0.01*	238	**2.1**	*0.15*	0.17	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	37	**1.6**	*0.28*	0.12	*0.02*	28	**1.0**	*0.20*	0.08	*0.02*
*USA, California, San Francisco Bay Area: Black	37	**3.2**	*0.54*	0.29	*0.05*	28	**2.3**	*0.44*	0.18	*0.04*
*USA, California, San Francisco Bay Area: Hispanic White	51	**2.4**	*0.35*	0.21	*0.04*	36	**1.9**	*0.32*	0.17	*0.04*
*USA, California, San Francisco Bay Area: Non−Hispanic White	182	**3.0**	*0.25*	0.26	*0.02*	138	**2.8**	*0.27*	0.22	*0.02*
*USA, California, San Francisco Bay Area: White	233	**2.8**	*0.19*	0.24	*0.02*	174	**2.5**	*0.20*	0.20	*0.02*
USA, Colorado	343	**2.6**	*0.15*	0.23	*0.01*	269	**2.1**	*0.13*	0.17	*0.01*
USA, Colorado: Asian and Pacific Islander	2	**0.5**	*0.35*	0.03	*0.02*	1	**0.4**	*0.39*	0.02	*0.02*
USA, Colorado: Black	14	**2.5**	*0.68*	0.24	*0.09*	2	**0.3**	*0.22*	0.03	*0.02*
USA, Colorado: White	316	**2.7**	*0.15*	0.23	*0.01*	260	**2.2**	*0.15*	0.18	*0.01*
USA, Connecticut	333	**3.5**	*0.20*	0.28	*0.02*	291	**3.0**	*0.19*	0.23	*0.02*
*USA, Connecticut: Black	32	**3.5**	*0.63*	0.32	*0.07*	32	**3.0**	*0.54*	0.24	*0.05*
*USA, Connecticut: White	292	**3.6**	*0.22*	0.29	*0.02*	255	**3.1**	*0.22*	0.24	*0.02*
USA, Delaware	74	**3.3**	*0.40*	0.28	*0.03*	58	**2.5**	*0.34*	0.18	*0.03*
USA, Delaware: Black	14	**3.0**	*0.80*	0.25	*0.07*	13	**2.8**	*0.77*	0.20	*0.06*
USA, Delaware: White	59	**3.5**	*0.48*	0.30	*0.04*	45	**2.5**	*0.40*	0.19	*0.03*
USA, Florida	1339	**2.6**	*0.08*	0.23	*0.01*	1055	**2.2**	*0.07*	0.18	*0.01*
USA, Florida: Asian and Pacific Islander	8	**0.8**	*0.28*	0.07	*0.03*	6	**0.4**	*0.17*	0.04	*0.02*
USA, Florida: Black	185	**2.6**	*0.19*	0.24	*0.02*	130	**1.7**	*0.15*	0.14	*0.01*
USA, Florida: White	1127	**2.7**	*0.09*	0.23	*0.01*	898	**2.3**	*0.09*	0.18	*0.01*
USA, Georgia	611	**2.5**	*0.10*	0.22	*0.01*	517	**2.1**	*0.09*	0.16	*0.01*
USA, Georgia: Asian and Pacific Islander	1	**0.2**	*0.21*	0.03	*0.03*	5	**0.9**	*0.42*	0.05	*0.02*
USA, Georgia: Black	164	**2.4**	*0.19*	0.21	*0.02*	157	**1.9**	*0.16*	0.15	*0.01*
USA, Georgia: White	438	**2.7**	*0.13*	0.23	*0.01*	349	**2.2**	*0.12*	0.17	*0.01*
USA, Georgia, Atlanta	215	**2.4**	*0.17*	0.21	*0.02*	204	**2.2**	*0.16*	0.18	*0.01*
*USA, Georgia, Atlanta: Black	78	**2.4**	*0.29*	0.22	*0.03*	86	**2.2**	*0.24*	0.19	*0.03*
*USA, Georgia, Atlanta: White	134	**2.6**	*0.24*	0.23	*0.02*	112	**2.4**	*0.24*	0.19	*0.02*
USA, Idaho	90	**2.4**	*0.25*	0.22	*0.03*	100	**2.7**	*0.28*	0.23	*0.03*
USA, Illinois	1013	**2.9**	*0.09*	0.25	*0.01*	812	**2.3**	*0.08*	0.19	*0.01*
USA, Illinois: Asian and Pacific Islander	12	**0.9**	*0.25*	0.10	*0.04*	9	**0.6**	*0.20*	0.04	*0.02*
USA, Illinois: Black	139	**2.9**	*0.25*	0.26	*0.03*	111	**1.9**	*0.19*	0.16	*0.02*
USA, Illinois: White	837	**3.0**	*0.11*	0.25	*0.01*	672	**2.4**	*0.10*	0.20	*0.01*
USA, Indiana	517	**3.1**	*0.14*	0.26	*0.01*	402	**2.4**	*0.12*	0.19	*0.01*
USA, Indiana: Black	43	**3.0**	*0.46*	0.27	*0.05*	28	**1.7**	*0.33*	0.15	*0.03*
USA, Indiana: White	466	**3.1**	*0.15*	0.26	*0.01*	366	**2.4**	*0.13*	0.19	*0.01*
USA, Iowa	253	**3.1**	*0.20*	0.26	*0.02*	220	**2.6**	*0.19*	0.22	*0.02*
USA, Kentucky	344	**3.0**	*0.17*	0.26	*0.02*	237	**2.0**	*0.14*	0.15	*0.01*
USA, Louisiana	288	**3.1**	*0.18*	0.25	*0.02*	229	**2.2**	*0.16*	0.19	*0.01*
*USA, Louisiana: Black	71	**2.5**	*0.30*	0.20	*0.03*	57	**1.8**	*0.24*	0.15	*0.02*
*USA, Louisiana: White	215	**3.3**	*0.24*	0.28	*0.02*	166	**2.5**	*0.21*	0.20	*0.02*
*USA, Louisiana, New Orleans	43	**2.5**	*0.39*	0.20	*0.03*	39	**1.8**	*0.30*	0.16	*0.03*
*USA, Louisiana, New Orleans: Black	10	**1.5**	*0.49*	0.12	*0.04*	12	**1.4**	*0.42*	0.13	*0.04*
*USA, Louisiana, New Orleans: White	32	**3.2**	*0.62*	0.26	*0.05*	24	**2.0**	*0.45*	0.17	*0.04*
USA, Maine	125	**3.4**	*0.33*	0.30	*0.03*	102	**2.8**	*0.30*	0.23	*0.03*
USA, Massachusetts	609	**3.5**	*0.15*	0.28	*0.01*	493	**2.7**	*0.13*	0.21	*0.01*
USA, Massachusetts: Asian and Pacific Islander	7	**0.9**	*0.38*	0.12	*0.06*	4	**0.4**	*0.21*	0.06	*0.04*
USA, Massachusetts: Black	21	**1.8**	*0.39*	0.17	*0.05*	22	**1.7**	*0.37*	0.16	*0.04*
USA, Massachusetts: White	574	**3.8**	*0.17*	0.30	*0.01*	458	**2.9**	*0.15*	0.22	*0.01*
USA, Michigan	824	**3.0**	*0.11*	0.25	*0.01*	746	**2.7**	*0.10*	0.22	*0.01*
USA, Michigan: Asian and Pacific Islander	6	**0.9**	*0.39*	0.07	*0.03*	5	**0.7**	*0.34*	0.05	*0.02*
USA, Michigan: Black	125	**3.5**	*0.31*	0.29	*0.03*	86	**2.1**	*0.23*	0.19	*0.02*
USA, Michigan: White	677	**3.0**	*0.12*	0.24	*0.01*	642	**2.8**	*0.12*	0.23	*0.01*
USA, Michigan, Detroit	353	**3.2**	*0.18*	0.27	*0.02*	319	**2.9**	*0.17*	0.23	*0.01*
*USA, Michigan, Detroit: Black	79	**3.2**	*0.37*	0.28	*0.03*	68	**2.4**	*0.29*	0.21	*0.03*
*USA, Michigan, Detroit: White	263	**3.3**	*0.21*	0.28	*0.02*	246	**3.2**	*0.22*	0.25	*0.02*
USA, Mississippi	204	**2.6**	*0.19*	0.23	*0.02*	165	**2.0**	*0.16*	0.16	*0.01*
USA, Missouri	442	**2.8**	*0.14*	0.23	*0.01*	386	**2.2**	*0.12*	0.18	*0.01*
USA, Missouri: Black	50	**3.1**	*0.44*	0.28	*0.05*	40	**2.1**	*0.34*	0.18	*0.03*
USA, Missouri: White	381	**2.8**	*0.15*	0.23	*0.01*	338	**2.3**	*0.13*	0.18	*0.01*
USA, Montana	71	**2.8**	*0.35*	0.23	*0.03*	44	**1.7**	*0.28*	0.14	*0.02*
USA, Montana: American Indian	2	**1.4**	*0.98*	0.10	*0.07*	2	**1.3**	*0.90*	0.07	*0.05*
USA, Nebraska	150	**3.1**	*0.26*	0.27	*0.02*	138	**2.8**	*0.25*	0.25	*0.02*
USA, Nebraska: Black	9	**4.7**	*1.60*	0.51	*0.19*	3	**1.4**	*0.81*	0.12	*0.07*
USA, Nebraska: White	138	**3.0**	*0.27*	0.26	*0.02*	133	**3.0**	*0.27*	0.26	*0.02*
USA, New Hampshire	113	**3.2**	*0.32*	0.26	*0.03*	92	**2.5**	*0.29*	0.20	*0.02*
USA, New Jersey	761	**3.2**	*0.12*	0.28	*0.01*	691	**2.9**	*0.12*	0.23	*0.01*
*USA, New Jersey: Black	96	**3.0**	*0.31*	0.27	*0.03*	81	**2.3**	*0.26*	0.19	*0.02*
*USA, New Jersey: White	625	**3.4**	*0.14*	0.29	*0.01*	582	**3.1**	*0.14*	0.25	*0.01*
USA, New Mexico	131	**2.5**	*0.22*	0.24	*0.02*	106	**1.8**	*0.18*	0.16	*0.02*
*USA, New Mexico: Hispanic White	39	**1.8**	*0.30*	0.18	*0.04*	42	**1.8**	*0.29*	0.16	*0.03*
*USA, New Mexico: Non−Hispanic White	82	**3.6**	*0.44*	0.31	*0.04*	58	**2.3**	*0.34*	0.20	*0.03*
*USA, New Mexico: White	121	**2.7**	*0.25*	0.25	*0.02*	100	**2.0**	*0.21*	0.17	*0.02*
USA, New York State	1736	**3.3**	*0.08*	0.28	*0.01*	1506	**2.8**	*0.08*	0.22	*0.01*
USA, New York State: Asian and Pacific Islander	35	**1.0**	*0.18*	0.09	*0.02*	18	**0.5**	*0.12*	0.03	*0.01*
USA, New York State: Black	237	**2.7**	*0.18*	0.24	*0.02*	212	**2.1**	*0.15*	0.17	*0.01*
USA, New York State: White	1412	**3.5**	*0.10*	0.29	*0.01*	1239	**3.1**	*0.09*	0.25	*0.01*
USA, North Carolina	621	**2.6**	*0.11*	0.21	*0.01*	522	**2.1**	*0.10*	0.17	*0.01*
USA, North Carolina: American Indian	5	**1.7**	*0.77*	0.14	*0.07*	7	**2.2**	*0.85*	0.23	*0.10*
USA, North Carolina: Asian and Pacific Islander	3	**0.7**	*0.41*	0.04	*0.02*	0	**-**	-	–	-
USA, North Carolina: Black	122	**2.5**	*0.23*	0.22	*0.02*	108	**1.9**	*0.19*	0.15	*0.02*
USA, North Carolina: White	478	**2.6**	*0.12*	0.21	*0.01*	401	**2.2**	*0.12*	0.18	*0.01*
USA, North Dakota	43	**2.5**	*0.39*	0.19	*0.03*	36	**2.3**	*0.40*	0.18	*0.03*
USA, Ohio	926	**3.0**	*0.10*	0.26	*0.01*	824	**2.6**	*0.09*	0.20	*0.01*
USA, Ohio: Asian and Pacific Islander	3	**0.5**	*0.31*	0.04	*0.02*	2	**0.3**	*0.22*	0.02	*0.02*
USA, Ohio: Black	81	**2.3**	*0.26*	0.22	*0.03*	95	**2.4**	*0.25*	0.20	*0.02*
USA, Ohio: White	816	**3.0**	*0.11*	0.26	*0.01*	703	**2.5**	*0.10*	0.20	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hodgkin lymphoma (C81) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	262	**2.6**	*0.16*	0.23	*0.02*	211	**2.1**	*0.16*	0.17	*0.01*
USA, Oklahoma: American Indian	20	**2.4**	*0.54*	0.17	*0.04*	13	**1.6**	*0.44*	0.12	*0.04*
USA, Oklahoma: Black	22	**3.1**	*0.67*	0.32	*0.08*	8	**1.0**	*0.35*	0.06	*0.02*
USA, Oklahoma: White	214	**2.6**	*0.18*	0.22	*0.02*	184	**2.3**	*0.18*	0.18	*0.01*
USA, Oregon	291	**3.0**	*0.18*	0.24	*0.02*	249	**2.5**	*0.17*	0.20	*0.01*
USA, Oregon: Asian and Pacific Islander	4	**1.2**	*0.59*	0.06	*0.03*	4	**1.0**	*0.52*	0.10	*0.06*
USA, Oregon: Black	8	**3.5**	*1.26*	0.28	*0.10*	6	**3.5**	*1.47*	0.37	*0.16*
USA, Oregon: White	267	**3.0**	*0.19*	0.24	*0.02*	230	**2.5**	*0.18*	0.20	*0.01*
USA, Pennsylvania	1118	**3.3**	*0.10*	0.27	*0.01*	999	**2.8**	*0.09*	0.23	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	5	**0.6**	*0.29*	0.05	*0.02*	4	**0.6**	*0.29*	0.03	*0.02*
USA, Pennsylvania: Black	98	**2.9**	*0.30*	0.23	*0.03*	91	**2.4**	*0.26*	0.20	*0.02*
USA, Pennsylvania: White	991	**3.3**	*0.11*	0.27	*0.01*	886	**2.8**	*0.10*	0.23	*0.01*
USA, Rhode Island	107	**3.4**	*0.34*	0.28	*0.03*	84	**2.6**	*0.31*	0.20	*0.03*
USA, Rhode Island: Black	3	**1.4**	*0.83*	0.12	*0.07*	3	**1.8**	*1.08*	0.18	*0.12*
USA, Rhode Island: White	101	**3.5**	*0.38*	0.30	*0.03*	80	**2.7**	*0.35*	0.21	*0.03*
USA, South Carolina	329	**2.8**	*0.16*	0.24	*0.01*	237	**2.0**	*0.14*	0.16	*0.01*
USA, South Carolina: Black	57	**1.8**	*0.24*	0.16	*0.02*	67	**2.0**	*0.24*	0.16	*0.02*
USA, South Carolina: White	264	**3.2**	*0.20*	0.26	*0.02*	163	**2.0**	*0.17*	0.16	*0.01*
USA, South Dakota	61	**2.8**	*0.38*	0.23	*0.03*	45	**2.1**	*0.34*	0.17	*0.03*
USA, Tennessee	375	**2.3**	*0.12*	0.20	*0.01*	374	**2.2**	*0.12*	0.18	*0.01*
USA, Tennessee: Black	54	**2.2**	*0.30*	0.18	*0.03*	62	**2.1**	*0.27*	0.16	*0.02*
USA, Tennessee: White	313	**2.3**	*0.14*	0.20	*0.01*	306	**2.2**	*0.13*	0.18	*0.01*
USA, Texas	1565	**2.5**	*0.06*	0.22	*0.01*	1267	**2.0**	*0.06*	0.16	*0.01*
USA, Texas: Asian and Pacific Islander	14	**0.8**	*0.22*	0.07	*0.02*	13	**0.6**	*0.18*	0.06	*0.02*
USA, Texas: Black	208	**3.0**	*0.21*	0.26	*0.02*	135	**1.8**	*0.16*	0.16	*0.02*
USA, Texas: White	1302	**2.4**	*0.07*	0.21	*0.01*	1088	**2.1**	*0.07*	0.17	*0.01*
USA, Utah	166	**2.5**	*0.20*	0.21	*0.02*	146	**2.2**	*0.18*	0.18	*0.02*
USA, Vermont	54	**3.4**	*0.48*	0.30	*0.04*	47	**2.8**	*0.44*	0.23	*0.04*
USA, Virginia	542	**2.6**	*0.12*	0.22	*0.01*	476	**2.2**	*0.11*	0.18	*0.01*
USA, Virginia: Asian and Pacific Islander	7	**0.8**	*0.31*	0.09	*0.04*	6	**0.6**	*0.28*	0.06	*0.03*
USA, Virginia: Black	102	**2.6**	*0.26*	0.24	*0.03*	103	**2.4**	*0.24*	0.18	*0.02*
USA, Virginia: White	409	**2.7**	*0.14*	0.22	*0.01*	353	**2.3**	*0.13*	0.18	*0.01*
USA, Washington State	508	**2.9**	*0.13*	0.25	*0.01*	399	**2.3**	*0.12*	0.19	*0.01*
USA, Washington, Seattle	382	**3.2**	*0.17*	0.27	*0.02*	292	**2.4**	*0.15*	0.20	*0.01*
USA, West Virginia	124	**2.5**	*0.24*	0.20	*0.02*	113	**2.2**	*0.22*	0.18	*0.02*
USA, Wisconsin	556	**3.5**	*0.16*	0.30	*0.01*	497	**3.3**	*0.16*	0.26	*0.01*
USA, Wisconsin: Black	29	**3.6**	*0.71*	0.35	*0.08*	18	**1.9**	*0.45*	0.15	*0.05*
USA, Wisconsin: White	511	**3.6**	*0.17*	0.30	*0.01*	475	**3.5**	*0.17*	0.28	*0.01*
USA, Wyoming	46	**3.2**	*0.49*	0.26	*0.04*	31	**2.3**	*0.43*	0.19	*0.04*
Asia										
Bahrain: Bahraini	25	**2.2**	*0.47*	0.19	*0.05*	16	**1.6**	*0.43*	0.15	*0.05*
China, Beijing City	92	**0.4**	*0.04*	0.03	*0.00*	85	**0.4**	*0.04*	0.03	*0.00*
*China, Cixian County	7	**0.6**	*0.22*	0.05	*0.03*	9	**0.7**	*0.25*	0.09	*0.03*
China, Haining County	3	**0.1**	*0.09*	0.02	*0.01*	4	**0.2**	*0.13*	0.02	*0.01*
*China, Harbin City, Nangang District	4	**0.1**	*0.05*	0.01	*0.01*	8	**0.3**	*0.12*	0.04	*0.01*
China, Hong Kong	117	**0.6**	*0.06*	0.05	*0.01*	105	**0.5**	*0.06*	0.04	*0.00*
China, Jiashan County	0	**-**	-	–	-	2	**0.2**	*0.18*	0.02	*0.01*
China, Jiaxing City	0	**-**	-	–	-	0	**-**	-	–	-
China, Macao	7	**0.6**	*0.23*	0.05	*0.03*	3	**0.3**	*0.16*	0.04	*0.02*
China, Qidong County	6	**0.1**	*0.07*	0.01	*0.01*	6	**0.1**	*0.06*	0.02	*0.01*
*China, Shanghai City	49	**0.2**	*0.04*	0.02	*0.00*	31	**0.2**	*0.03*	0.01	*0.00*
*China, Wuhan City	39	**0.3**	*0.05*	0.02	*0.01*	32	**0.2**	*0.05*	0.02	*0.01*
*China, Yangcheng County	10	**1.1**	*0.36*	0.16	*0.06*	11	**1.2**	*0.36*	0.14	*0.05*
*China, Yanting County	0	**-**	-	–	-	2	**0.1**	*0.09*	0.01	*0.01*
*China, Zhongshan City	11	**0.4**	*0.11*	0.04	*0.01*	10	**0.4**	*0.12*	0.03	*0.01*
*India, Bangalore	132	**1.2**	*0.11*	0.10	*0.01*	45	**0.5**	*0.08*	0.04	*0.01*
*India; Barshi, Paranda, and Bhum	10	**0.7**	*0.24*	0.05	*0.02*	5	**0.4**	*0.17*	0.02	*0.01*
*India, Bhopal	26	**0.9**	*0.18*	0.08	*0.02*	20	**0.7**	*0.16*	0.06	*0.02*
*India, Chennai	145	**1.3**	*0.11*	0.10	*0.01*	100	**0.9**	*0.09*	0.08	*0.01*
*India, Dindigul, Ambilikkai	27	**0.5**	*0.10*	0.03	*0.01*	16	**0.3**	*0.08*	0.03	*0.01*
*India, Karunagappally	8	**0.8**	*0.28*	0.07	*0.03*	2	**0.1**	*0.10*	0.00	*0.00*
*India, Mizoram	4	**0.2**	*0.08*	0.01	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
*India, Mumbai	300	**1.0**	*0.06*	0.09	*0.01*	144	**0.5**	*0.04*	0.05	*0.01*
*India, New Delhi	617	**1.6**	*0.07*	0.14	*0.01*	218	**0.7**	*0.05*	0.06	*0.01*
*India, Poona	67	**0.8**	*0.10*	0.09	*0.01*	43	**0.5**	*0.08*	0.05	*0.01*
*India, Sikkim State	2	**0.2**	*0.17*	0.05	*0.03*	5	**0.4**	*0.16*	0.03	*0.01*
*India, Trivandrum	16	**1.0**	*0.24*	0.07	*0.02*	17	**1.0**	*0.24*	0.08	*0.02*
*Iran (Islamic Republic of), Golestan Province	47	**1.8**	*0.28*	0.15	*0.03*	29	**1.1**	*0.21*	0.09	*0.02*
Israel	599	**3.6**	*0.15*	0.30	*0.01*	577	**3.3**	*0.14*	0.25	*0.01*
*Israel: Jews	487	**3.6**	*0.16*	0.31	*0.02*	481	**3.4**	*0.16*	0.26	*0.01*
*Israel: Non–Jews	112	**3.7**	*0.38*	0.30	*0.04*	96	**3.1**	*0.33*	0.25	*0.04*
Japan, Aichi Prefecture	25	**0.5**	*0.12*	0.04	*0.01*	17	**0.4**	*0.11*	0.03	*0.01*
Japan, Fukui Prefecture	19	**0.8**	*0.21*	0.07	*0.02*	15	**0.6**	*0.18*	0.04	*0.01*
Japan, Hiroshima	31	**1.0**	*0.20*	0.07	*0.02*	27	**0.6**	*0.14*	0.06	*0.01*
Japan, Miyagi Prefecture	37	**0.4**	*0.08*	0.04	*0.01*	31	**0.5**	*0.09*	0.04	*0.01*
Japan, Nagasaki Prefecture	28	**0.6**	*0.12*	0.06	*0.01*	22	**0.4**	*0.11*	0.03	*0.01*
Japan, Niigata Prefecture	33	**0.5**	*0.09*	0.04	*0.01*	22	**0.3**	*0.08*	0.03	*0.01*
*Japan, Osaka Prefecture	137	**0.4**	*0.04*	0.04	*0.00*	75	**0.3**	*0.03*	0.02	*0.00*
Japan, Saga Prefecture	17	**0.7**	*0.18*	0.07	*0.02*	9	**0.5**	*0.16*	0.03	*0.01*
Republic of Korea	597	**0.5**	*0.02*	0.04	*0.00*	298	**0.2**	*0.01*	0.02	*0.00*
Republic of Korea, Busan	41	**0.4**	*0.07*	0.04	*0.01*	22	**0.2**	*0.05*	0.02	*0.00*
Republic of Korea, Daegu	35	**0.5**	*0.09*	0.05	*0.01*	14	**0.2**	*0.05*	0.02	*0.00*
Republic of Korea, Daejeon	14	**0.4**	*0.10*	0.03	*0.01*	4	**0.1**	*0.06*	0.01	*0.00*
Republic of Korea, Gwangju	13	**0.4**	*0.10*	0.04	*0.01*	3	**0.1**	*0.05*	0.01	*0.00*
Republic of Korea, Incheon	24	**0.4**	*0.08*	0.03	*0.01*	17	**0.3**	*0.06*	0.02	*0.01*
Republic of Korea, Jejudo	7	**0.5**	*0.21*	0.05	*0.02*	5	**0.4**	*0.20*	0.03	*0.01*
Republic of Korea, Seoul	137	**0.5**	*0.04*	0.05	*0.01*	75	**0.3**	*0.03*	0.02	*0.00*
Republic of Korea, Ulsan	10	**0.4**	*0.14*	0.06	*0.02*	6	**0.2**	*0.09*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hodgkin lymphoma (C81) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	138	**1.7**	*0.19*	0.13	*0.02*	89	**1.7**	*0.20*	0.13	*0.02*
*Kuwait: Kuwaitis	66	**3.1**	*0.41*	0.24	*0.04*	49	**1.9**	*0.29*	0.16	*0.03*
*Kuwait: Non−Kuwaitis	72	**1.3**	*0.22*	0.10	*0.02*	40	**1.4**	*0.25*	0.10	*0.02*
*Malaysia, Penang	31	**1.2**	*0.21*	0.09	*0.02*	10	**0.4**	*0.11*	0.03	*0.01*
*Malaysia, Penang: Chinese	8	**0.6**	*0.21*	0.05	*0.02*	6	**0.4**	*0.18*	0.03	*0.01*
*Malaysia, Penang: Indian	5	**2.0**	*0.91*	0.19	*0.11*	1	**0.4**	*0.37*	0.02	*0.02*
*Malaysia, Penang: Malay	18	**1.6**	*0.40*	0.12	*0.03*	3	**0.3**	*0.17*	0.04	*0.04*
*Philippines, Manila	66	**0.5**	*0.07*	0.05	*0.01*	68	**0.5**	*0.06*	0.04	*0.01*
*Philippines, Rizal	67	**0.5**	*0.07*	0.04	*0.01*	54	**0.4**	*0.05*	0.03	*0.01*
Qatar: Qatari	15	**4.4**	*1.27*	0.42	*0.14*	10	**1.7**	*0.54*	0.11	*0.03*
*Saudi Arabia, Riyadh: Saudi	201	**2.2**	*0.17*	0.18	*0.02*	162	**2.0**	*0.18*	0.18	*0.02*
Singapore	96	**1.0**	*0.11*	0.10	*0.01*	64	**0.8**	*0.10*	0.06	*0.01*
Singapore: Chinese	64	**0.9**	*0.12*	0.09	*0.01*	39	**0.7**	*0.11*	0.04	*0.01*
Singapore: Indian	12	**1.6**	*0.48*	0.16	*0.06*	8	**1.4**	*0.48*	0.15	*0.06*
Singapore: Malay	17	**1.4**	*0.36*	0.13	*0.04*	15	**1.2**	*0.30*	0.08	*0.02*
Thailand, Bangkok	44	**0.3**	*0.04*	0.02	*0.00*	33	**0.2**	*0.03*	0.02	*0.00*
Thailand, Chiang Mai	29	**0.7**	*0.14*	0.07	*0.02*	18	**0.4**	*0.10*	0.04	*0.01*
Thailand, Chonburi	13	**0.5**	*0.13*	0.03	*0.01*	8	**0.3**	*0.10*	0.03	*0.01*
*Thailand, Khon Kaen	33	**0.7**	*0.13*	0.08	*0.02*	19	**0.4**	*0.09*	0.04	*0.01*
Thailand, Lampang	6	**0.3**	*0.12*	0.03	*0.01*	5	**0.2**	*0.10*	0.02	*0.01*
*Thailand, Songkhla	21	**0.8**	*0.17*	0.07	*0.02*	14	**0.5**	*0.13*	0.04	*0.01*
*Turkey, Antalya	70	**1.7**	*0.20*	0.16	*0.02*	54	**1.3**	*0.18*	0.10	*0.02*
*Turkey, Edirne	14	**1.6**	*0.43*	0.14	*0.04*	5	**0.6**	*0.28*	0.04	*0.02*
*Turkey, Izmir	220	**2.3**	*0.16*	0.21	*0.02*	143	**1.5**	*0.13*	0.13	*0.01*
*Turkey, Trabzon	32	**2.7**	*0.49*	0.22	*0.04*	23	**1.8**	*0.38*	0.15	*0.04*
Europe										
Austria	500	**2.2**	*0.10*	0.18	*0.01*	390	**1.7**	*0.10*	0.13	*0.01*
Austria, Tyrol	38	**1.9**	*0.33*	0.17	*0.03*	36	**1.9**	*0.34*	0.16	*0.03*
Austria, Vorarlberg	24	**2.5**	*0.53*	0.19	*0.04*	20	**1.9**	*0.46*	0.16	*0.04*
*Belarus	680	**2.7**	*0.11*	0.21	*0.01*	759	**2.8**	*0.11*	0.21	*0.01*
*Belgium	687	**3.1**	*0.12*	0.24	*0.01*	487	**2.2**	*0.11*	0.17	*0.01*
Bulgaria	443	**2.0**	*0.11*	0.17	*0.01*	340	**1.6**	*0.10*	0.13	*0.01*
Croatia	330	**2.7**	*0.16*	0.23	*0.01*	326	**2.6**	*0.16*	0.21	*0.01*
Cyprus	72	**3.7**	*0.45*	0.28	*0.04*	61	**3.1**	*0.41*	0.23	*0.03*
Czech Republic	710	**2.4**	*0.09*	0.20	*0.01*	622	**2.1**	*0.09*	0.16	*0.01*
Denmark	384	**2.5**	*0.14*	0.21	*0.01*	282	**1.9**	*0.13*	0.15	*0.01*
*Estonia	88	**2.5**	*0.28*	0.20	*0.02*	78	**2.0**	*0.24*	0.16	*0.02*
Finland	365	**2.6**	*0.15*	0.21	*0.01*	282	**2.2**	*0.14*	0.16	*0.01*
*France, Bas−Rhin	88	**2.8**	*0.31*	0.26	*0.03*	72	**2.4**	*0.31*	0.17	*0.02*
*France, Calvados	45	**2.4**	*0.38*	0.21	*0.04*	42	**2.4**	*0.40*	0.17	*0.03*
*France, Doubs	42	**2.9**	*0.47*	0.24	*0.04*	34	**2.4**	*0.43*	0.19	*0.03*
*France, Haut−Rhin	69	**3.4**	*0.43*	0.28	*0.04*	45	**2.7**	*0.42*	0.20	*0.03*
*France, Hérault	84	**2.9**	*0.34*	0.26	*0.03*	63	**2.3**	*0.31*	0.17	*0.02*
*France, Isère	97	**3.0**	*0.32*	0.26	*0.03*	86	**2.9**	*0.33*	0.22	*0.02*
*France, Loire−Atlantique	106	**3.1**	*0.32*	0.26	*0.03*	95	**2.9**	*0.32*	0.23	*0.02*
*France, Manche	41	**3.1**	*0.53*	0.26	*0.04*	34	**2.6**	*0.50*	0.20	*0.04*
*France, Somme	36	**2.2**	*0.39*	0.19	*0.04*	35	**2.5**	*0.45*	0.19	*0.03*
*France, Tarn	35	**2.6**	*0.50*	0.25	*0.05*	19	**2.2**	*0.55*	0.18	*0.04*
*France, Vendée	49	**3.0**	*0.47*	0.24	*0.04*	44	**3.4**	*0.56*	0.24	*0.04*
Germany, Brandenburg	186	**2.5**	*0.20*	0.20	*0.02*	161	**2.4**	*0.22*	0.18	*0.02*
Germany, Bremen	51	**2.3**	*0.36*	0.20	*0.03*	37	**1.9**	*0.37*	0.13	*0.03*
Germany, Free State of Saxony	248	**2.0**	*0.15*	0.16	*0.01*	240	**2.1**	*0.16*	0.15	*0.01*
Germany, Hamburg	123	**2.4**	*0.24*	0.22	*0.02*	112	**2.0**	*0.23*	0.18	*0.02*
Germany, Mecklenburg−Western Pomerania	115	**2.2**	*0.22*	0.18	*0.02*	86	**1.7**	*0.20*	0.13	*0.02*
Germany, Munich	264	**2.5**	*0.17*	0.20	*0.01*	216	**2.1**	*0.16*	0.16	*0.01*
Germany, North Rhine−Westphalia	179	**2.4**	*0.19*	0.21	*0.02*	137	**1.9**	*0.18*	0.14	*0.01*
Germany, Saarland	84	**2.9**	*0.36*	0.24	*0.03*	60	**2.0**	*0.30*	0.16	*0.02*
Germany, Schleswig−Holstein	257	**3.1**	*0.21*	0.27	*0.02*	192	**2.5**	*0.21*	0.19	*0.02*
Iceland	15	**2.1**	*0.55*	0.16	*0.04*	21	**2.3**	*0.55*	0.16	*0.04*
Ireland	291	**2.5**	*0.15*	0.22	*0.01*	223	**1.9**	*0.14*	0.16	*0.01*
Italy, Biella	23	**4.5**	*1.09*	0.40	*0.08*	20	**5.5**	*1.39*	0.37	*0.09*
Italy, Brescia	85	**3.5**	*0.42*	0.28	*0.03*	77	**4.0**	*0.52*	0.29	*0.04*
Italy, Catania and Messina	98	**3.7**	*0.39*	0.29	*0.03*	91	**3.5**	*0.39*	0.24	*0.03*
Italy, Catanzaro	26	**4.4**	*0.90*	0.35	*0.07*	17	**2.6**	*0.68*	0.19	*0.05*
Italy, Como	60	**4.0**	*0.58*	0.31	*0.04*	39	**2.9**	*0.52*	0.21	*0.04*
Italy, Ferrara	41	**4.9**	*0.95*	0.37	*0.06*	46	**6.5**	*1.15*	0.47	*0.07*
Italy, Florence and Prato	60	**2.7**	*0.40*	0.23	*0.03*	52	**2.9**	*0.47*	0.22	*0.03*
Italy, Friuli−Venezia Giulia	111	**3.9**	*0.43*	0.29	*0.03*	89	**2.6**	*0.35*	0.20	*0.02*
Italy, Genoa	89	**4.6**	*0.59*	0.39	*0.04*	80	**4.8**	*0.67*	0.35	*0.04*
Italy, Latina	63	**4.7**	*0.63*	0.37	*0.05*	36	**2.9**	*0.52*	0.21	*0.04*
Italy, Lecco	25	**2.8**	*0.64*	0.23	*0.05*	19	**2.1**	*0.55*	0.17	*0.04*
Italy, Lombardy, South	53	**4.7**	*0.77*	0.38	*0.06*	29	**2.7**	*0.64*	0.19	*0.04*
Italy, Mantua	24	**3.3**	*0.74*	0.30	*0.06*	27	**4.4**	*0.95*	0.36	*0.07*
Italy, Milan	105	**3.5**	*0.40*	0.30	*0.03*	94	**3.2**	*0.41*	0.24	*0.03*
Italy, Modena	53	**2.7**	*0.43*	0.22	*0.03*	61	**3.5**	*0.55*	0.27	*0.04*
Italy, Naples	52	**3.6**	*0.52*	0.28	*0.04*	55	**3.6**	*0.50*	0.27	*0.04*
Italy, Nuoro	33	**5.5**	*1.04*	0.43	*0.08*	26	**4.2**	*0.91*	0.29	*0.06*
Italy, Palermo	80	**3.0**	*0.36*	0.24	*0.03*	58	**2.0**	*0.28*	0.16	*0.02*
Italy, Parma	46	**4.1**	*0.69*	0.34	*0.05*	35	**3.2**	*0.64*	0.25	*0.05*
Italy, Ragusa	21	**2.7**	*0.60*	0.20	*0.04*	20	**2.9**	*0.68*	0.20	*0.05*
Italy, Reggio Emilia	57	**4.9**	*0.74*	0.36	*0.05*	41	**2.7**	*0.52*	0.20	*0.04*
Italy, Romagna	126	**3.9**	*0.40*	0.33	*0.03*	91	**3.2**	*0.39*	0.24	*0.03*
Italy, Salerno	95	**3.2**	*0.35*	0.25	*0.03*	82	**3.0**	*0.35*	0.21	*0.02*
Italy, Sassari	44	**3.5**	*0.57*	0.28	*0.04*	40	**2.9**	*0.50*	0.23	*0.04*
Italy, Sondrio	16	**2.9**	*0.83*	0.24	*0.07*	15	**2.6**	*0.72*	0.24	*0.06*
Italy, South Tyrol	32	**3.0**	*0.58*	0.25	*0.05*	24	**2.4**	*0.55*	0.19	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hodgkin lymphoma (C81) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	29	**2.5**	*0.49*	0.21	*0.04*	26	**2.6**	*0.55*	0.19	*0.04*
Italy, Trapani	23	**2.3**	*0.50*	0.21	*0.05*	30	**3.8**	*0.73*	0.27	*0.05*
Italy, Trento	34	**2.6**	*0.50*	0.23	*0.05*	42	**3.8**	*0.68*	0.29	*0.05*
Italy, Turin	94	**4.1**	*0.50*	0.33	*0.04*	68	**3.2**	*0.48*	0.24	*0.03*
Italy, Umbria	73	**2.9**	*0.40*	0.24	*0.03*	65	**3.3**	*0.47*	0.25	*0.03*
Italy, Varese	75	**3.5**	*0.45*	0.27	*0.03*	59	**2.9**	*0.44*	0.20	*0.03*
Italy, Veneto	163	**3.6**	*0.32*	0.28	*0.02*	156	**3.4**	*0.32*	0.25	*0.02*
Latvia	86	**1.8**	*0.20*	0.13	*0.02*	96	**1.7**	*0.18*	0.14	*0.01*
Lithuania	194	**2.2**	*0.16*	0.17	*0.01*	208	**2.2**	*0.16*	0.16	*0.01*
Malta	41	**3.5**	*0.57*	0.32	*0.05*	16	**1.5**	*0.38*	0.13	*0.03*
*The Netherlands	1155	**2.6**	*0.08*	0.21	*0.01*	847	**2.0**	*0.07*	0.15	*0.01*
*The Netherlands, Eindhoven	72	**2.7**	*0.34*	0.21	*0.03*	44	**1.7**	*0.28*	0.13	*0.02*
Norway	359	**2.8**	*0.16*	0.24	*0.01*	246	**2.0**	*0.14*	0.15	*0.01*
Poland, Cracow	30	**1.8**	*0.34*	0.14	*0.03*	30	**1.5**	*0.29*	0.12	*0.02*
Poland, Kielce	73	**2.1**	*0.26*	0.18	*0.02*	70	**2.0**	*0.25*	0.15	*0.02*
Poland, Lower Silesia	159	**2.0**	*0.17*	0.17	*0.01*	159	**2.0**	*0.17*	0.15	*0.01*
Poland, Podkarpackie	112	**1.9**	*0.18*	0.17	*0.02*	112	**1.9**	*0.18*	0.14	*0.01*
Portugal, Azores	28	**4.3**	*0.82*	0.34	*0.07*	11	**1.8**	*0.56*	0.13	*0.04*
Russian Federation, Saint Petersburg	283	**2.3**	*0.14*	0.19	*0.01*	359	**2.6**	*0.15*	0.20	*0.01*
*Serbia, Central	410	**2.5**	*0.13*	0.22	*0.01*	365	**2.3**	*0.13*	0.19	*0.01*
Slovakia	301	**2.1**	*0.12*	0.18	*0.01*	323	**2.1**	*0.12*	0.16	*0.01*
Slovenia	143	**2.7**	*0.24*	0.21	*0.02*	95	**1.7**	*0.19*	0.13	*0.01*
Spain, Albacete	32	**2.9**	*0.54*	0.27	*0.05*	25	**2.5**	*0.51*	0.19	*0.04*
Spain, Asturias	100	**3.5**	*0.40*	0.27	*0.03*	59	**1.9**	*0.28*	0.15	*0.02*
Spain, Basque Country	187	**3.3**	*0.27*	0.25	*0.02*	136	**2.1**	*0.21*	0.16	*0.02*
Spain, Canary Islands	99	**2.6**	*0.28*	0.21	*0.02*	76	**2.2**	*0.28*	0.17	*0.02*
Spain, Ciudad Real	33	**2.4**	*0.48*	0.20	*0.04*	27	**2.7**	*0.54*	0.22	*0.04*
Spain, Cuenca	19	**3.8**	*0.94*	0.28	*0.07*	12	**2.9**	*0.85*	0.19	*0.06*
Spain, Girona	55	**2.9**	*0.43*	0.24	*0.03*	36	**1.9**	*0.35*	0.15	*0.03*
*Spain, Granada	68	**2.9**	*0.37*	0.23	*0.03*	54	**2.3**	*0.33*	0.19	*0.03*
Spain, La Rioja	15	**1.5**	*0.40*	0.13	*0.04*	13	**1.8**	*0.55*	0.13	*0.04*
Spain, Mallorca	58	**2.6**	*0.36*	0.22	*0.03*	51	**2.5**	*0.40*	0.19	*0.03*
Spain, Murcia	99	**2.6**	*0.28*	0.20	*0.02*	71	**1.8**	*0.23*	0.15	*0.02*
Spain, Navarra	57	**3.3**	*0.48*	0.27	*0.04*	45	**2.8**	*0.46*	0.20	*0.03*
Spain, Tarragona	55	**2.9**	*0.42*	0.22	*0.03*	41	**2.2**	*0.38*	0.17	*0.03*
*Sweden	472	**1.8**	*0.09*	0.15	*0.01*	388	**1.6**	*0.09*	0.13	*0.01*
Switzerland, Basel	35	**3.0**	*0.55*	0.23	*0.04*	26	**2.2**	*0.47*	0.18	*0.04*
Switzerland, Geneva	45	**3.6**	*0.58*	0.30	*0.05*	36	**3.2**	*0.58*	0.26	*0.05*
Switzerland, Graubünden and Glarus	18	**3.5**	*0.87*	0.23	*0.06*	14	**2.2**	*0.65*	0.19	*0.05*
Switzerland, Neuchâtel	12	**2.4**	*0.74*	0.20	*0.06*	12	**2.4**	*0.87*	0.18	*0.06*
Switzerland, St Gall–Appenzell	38	**2.7**	*0.45*	0.23	*0.04*	35	**2.6**	*0.48*	0.18	*0.03*
Switzerland, Ticino	46	**4.6**	*0.77*	0.39	*0.07*	20	**2.3**	*0.60*	0.17	*0.04*
Switzerland, Valais	25	**2.9**	*0.61*	0.24	*0.05*	17	**2.4**	*0.62*	0.20	*0.05*
Switzerland, Vaud	53	**2.8**	*0.41*	0.23	*0.04*	43	**2.3**	*0.38*	0.18	*0.03*
Switzerland, Zurich	109	**3.1**	*0.32*	0.26	*0.03*	73	**2.1**	*0.27*	0.16	*0.02*
Ukraine	2971	**2.4**	*0.05*	0.20	*0.00*	3085	**2.3**	*0.04*	0.18	*0.00*
UK, England	3700	**2.6**	*0.05*	0.22	*0.00*	2841	**2.0**	*0.04*	0.16	*0.00*
UK, England, East of England Region	438	**2.8**	*0.14*	0.23	*0.01*	303	**1.9**	*0.12*	0.16	*0.01*
UK, England, North Western	443	**2.4**	*0.12*	0.20	*0.01*	333	**1.8**	*0.11*	0.15	*0.01*
UK, England, Northern and Yorkshire	461	**2.5**	*0.12*	0.21	*0.01*	432	**2.3**	*0.12*	0.18	*0.01*
UK, England, Oxford Region	239	**3.0**	*0.21*	0.25	*0.02*	155	**2.1**	*0.18*	0.16	*0.01*
UK, England, South and Western Regions	535	**2.8**	*0.13*	0.23	*0.01*	384	**1.9**	*0.11*	0.15	*0.01*
UK, England, Thames	845	**2.5**	*0.09*	0.22	*0.01*	638	**2.0**	*0.08*	0.16	*0.01*
UK, England, Trent	232	**2.8**	*0.20*	0.24	*0.02*	171	**1.9**	*0.16*	0.16	*0.01*
UK, England, West Midlands	364	**2.4**	*0.13*	0.21	*0.01*	308	**2.1**	*0.13*	0.17	*0.01*
UK, Northern Ireland	125	**2.6**	*0.24*	0.22	*0.02*	110	**2.3**	*0.23*	0.19	*0.02*
UK, Scotland	405	**2.9**	*0.15*	0.24	*0.01*	306	**2.1**	*0.13*	0.17	*0.01*
UK, Wales	217	**2.6**	*0.19*	0.22	*0.02*	156	**1.8**	*0.16*	0.15	*0.01*
Oceania										
Australian Capital Territory	23	**2.6**	*0.54*	0.22	*0.05*	9	**1.1**	*0.37*	0.07	*0.02*
Australia, New South Wales	446	**2.4**	*0.12*	0.20	*0.01*	379	**2.0**	*0.11*	0.16	*0.01*
Australia, Northern Territory	10	**2.1**	*0.68*	0.19	*0.08*	7	**1.4**	*0.52*	0.08	*0.03*
Australia, Northern Territory: Indigenous	3	**2.0**	*1.19*	0.13	*0.09*	1	**0.5**	*0.55*	0.03	*0.03*
Australia, Northern Territory: Non–Indigenous	7	**1.8**	*0.72*	0.19	*0.08*	6	**1.7**	*0.70*	0.10	*0.05*
Australia, Queensland	216	**2.0**	*0.14*	0.17	*0.01*	195	**1.8**	*0.14*	0.15	*0.01*
South Australia	109	**2.6**	*0.27*	0.21	*0.02*	89	**2.1**	*0.24*	0.16	*0.02*
Australia, Tasmania	33	**2.5**	*0.46*	0.19	*0.04*	30	**2.3**	*0.44*	0.20	*0.04*
Australia, Victoria	413	**3.0**	*0.16*	0.25	*0.01*	340	**2.5**	*0.14*	0.19	*0.01*
Western Australia	91	**1.6**	*0.17*	0.13	*0.02*	108	**2.1**	*0.21*	0.16	*0.02*
New Zealand	260	**2.2**	*0.14*	0.19	*0.01*	168	**1.5**	*0.12*	0.12	*0.01*
New Zealand: Maori	20	**1.3**	*0.31*	0.12	*0.03*	21	**1.6**	*0.36*	0.17	*0.05*
New Zealand: Pacific Islander	10	**1.6**	*0.52*	0.13	*0.04*	7	**1.2**	*0.48*	0.09	*0.04*
New Zealand: Other	230	**2.4**	*0.17*	0.20	*0.01*	140	**1.6**	*0.15*	0.13	*0.01*
USA, Hawaii	75	**1.9**	*0.24*	0.15	*0.02*	66	**2.0**	*0.27*	0.14	*0.02*
*USA, Hawaii: Chinese	2	**0.8**	*0.72*	0.06	*0.06*	3	**1.2**	*0.72*	0.11	*0.06*
*USA, Hawaii: Filipino	12	**2.4**	*0.72*	0.19	*0.07*	14	**2.7**	*0.75*	0.18	*0.05*
*USA, Hawaii: Hawaiian	14	**2.0**	*0.55*	0.16	*0.05*	16	**2.4**	*0.59*	0.16	*0.04*
*USA, Hawaii: Japanese	11	**1.1**	*0.45*	0.06	*0.03*	5	**0.4**	*0.26*	0.02	*0.02*
*USA, Hawaii: White	26	**2.4**	*0.53*	0.19	*0.04*	21	**2.9**	*0.68*	0.21	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Non-Hodgkin lymphoma (C82-85,C96)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	122	**4.3**	*0.42*	–	-	78	**2.7**	*0.32*	–	-
Egypt, Gharbiah	1066	**13.5**	*0.43*	1.51	*0.06*	808	**10.8**	*0.39*	1.19	*0.05*
*Libya, Benghazi	88	**5.8**	*0.68*	0.70	*0.11*	67	**4.3**	*0.57*	0.45	*0.08*
*Malawi, Blantyre	312	**12.6**	*0.83*	0.86	*0.08*	215	**9.4**	*0.82*	0.70	*0.08*
*South Africa, PROMEC	11	**0.6**	*0.20*	0.07	*0.02*	17	**0.6**	*0.16*	0.05	*0.01*
*Tunisia, North	398	**5.7**	*0.29*	0.62	*0.04*	265	**3.8**	*0.24*	0.41	*0.03*
*Uganda, Kyadondo County	294	**9.6**	*0.80*	0.88	*0.11*	238	**7.2**	*0.65*	0.77	*0.10*
*Zimbabwe, Harare: African	158	**8.8**	*0.85*	0.89	*0.11*	139	**10.0**	*1.03*	1.00	*0.13*
America, Central and South										
Argentina, Bahía Blanca	77	**9.3**	*1.15*	0.87	*0.13*	87	**8.9**	*1.07*	0.90	*0.11*
Argentina, Córdoba	248	**9.4**	*0.61*	0.96	*0.07*	228	**6.5**	*0.45*	0.75	*0.06*
Argentina, Mendoza	343	**8.3**	*0.46*	0.94	*0.06*	312	**6.1**	*0.36*	0.64	*0.04*
*Argentina, Tierra del Fuego	10	**6.5**	*2.16*	0.92	*0.36*	13	**6.1**	*1.79*	0.73	*0.26*
Brazil, Aracaju	61	**9.1**	*1.23*	1.01	*0.18*	48	**5.2**	*0.78*	0.56	*0.11*
Brazil, Belo Horizonte	234	**8.4**	*0.56*	0.90	*0.07*	230	**5.9**	*0.40*	0.63	*0.05*
Brazil, Cuiabá	72	**6.4**	*0.82*	0.60	*0.10*	63	**5.2**	*0.70*	0.53	*0.09*
Brazil, Fortaleza	186	**5.7**	*0.44*	0.64	*0.06*	182	**4.3**	*0.32*	0.49	*0.05*
Brazil, Goiânia	254	**11.4**	*0.75*	1.19	*0.10*	242	**8.9**	*0.59*	1.00	*0.08*
*Brazil, São Paulo	2413	**10.4**	*0.22*	1.09	*0.03*	2251	**7.3**	*0.17*	0.79	*0.02*
Chile, Region of Antofagasta	52	**4.1**	*0.58*	0.40	*0.08*	63	**4.7**	*0.61*	0.44	*0.08*
Chile, Bío Bío Province	51	**5.2**	*0.75*	0.60	*0.10*	39	**3.6**	*0.60*	0.38	*0.08*
Chile, Valdivia	48	**4.7**	*0.70*	0.45	*0.08*	46	**3.8**	*0.58*	0.34	*0.07*
Colombia, Bucaramanga	186	**8.3**	*0.63*	0.81	*0.08*	125	**4.7**	*0.43*	0.53	*0.06*
Colombia, Cali	523	**11.7**	*0.53*	1.27	*0.07*	475	**8.4**	*0.40*	1.00	*0.06*
Colombia, Manizales	72	**7.9**	*0.95*	0.88	*0.13*	63	**5.4**	*0.69*	0.64	*0.10*
Colombia, Pasto	76	**9.7**	*1.14*	1.19	*0.17*	62	**6.4**	*0.83*	0.81	*0.12*
Costa Rica	646	**6.7**	*0.27*	0.72	*0.04*	530	**5.4**	*0.24*	0.61	*0.03*
Cuba, Villa Clara	172	**7.8**	*0.66*	0.77	*0.07*	126	**5.2**	*0.49*	0.62	*0.07*
Ecuador, Cuenca	64	**7.2**	*0.94*	0.87	*0.14*	100	**8.6**	*0.91*	1.04	*0.13*
Ecuador, Quito	358	**11.7**	*0.65*	1.32	*0.09*	341	**9.5**	*0.54*	1.03	*0.07*
*France, Martinique	84	**6.2**	*0.70*	0.75	*0.10*	45	**2.7**	*0.44*	0.29	*0.05*
*Jamaica, Kingston and St Andrew	90	**6.3**	*0.68*	0.67	*0.09*	76	**4.3**	*0.53*	0.44	*0.07*
USA, Puerto Rico	1189	**9.3**	*0.28*	1.00	*0.04*	1000	**6.5**	*0.22*	0.72	*0.03*
Uruguay	647	**10.8**	*0.44*	1.18	*0.05*	544	**6.5**	*0.31*	0.74	*0.04*
America, North										
Canada	17035	**14.4**	*0.12*	1.61	*0.02*	14440	**10.3**	*0.09*	1.18	*0.01*
Canada, Alberta	1550	**14.4**	*0.38*	1.64	*0.05*	1218	**10.1**	*0.31*	1.15	*0.04*
Canada, British Columbia	2417	**14.8**	*0.32*	1.62	*0.04*	1872	**9.8**	*0.25*	1.11	*0.03*
Canada, Manitoba	671	**15.5**	*0.63*	1.78	*0.09*	593	**10.8**	*0.51*	1.19	*0.07*
Canada, New Brunswick	469	**16.1**	*0.78*	1.77	*0.10*	384	**11.1**	*0.62*	1.20	*0.08*
Canada, Newfoundland and Labrador	215	**11.0**	*0.82*	1.19	*0.10*	210	**9.7**	*0.71*	1.14	*0.09*
*Canada, Northwest Territories	15	**16.5**	*4.52*	2.16	*0.71*	5	**4.6**	*2.08*	0.34	*0.18*
Canada, Nova Scotia	553	**15.1**	*0.67*	1.70	*0.09*	488	**11.2**	*0.56*	1.26	*0.07*
Canada, Ontario	6553	**14.7**	*0.19*	1.65	*0.03*	5629	**10.7**	*0.16*	1.22	*0.02*
Canada, Prince Edward Island	81	**16.0**	*1.92*	1.95	*0.25*	69	**11.2**	*1.49*	1.27	*0.19*
*Canada, Quebec	3942	**13.7**	*0.23*	1.51	*0.03*	3485	**9.9**	*0.18*	1.14	*0.02*
Canada, Saskatchewan	558	**14.2**	*0.65*	1.61	*0.09*	477	**10.4**	*0.55*	1.17	*0.07*
*Canada, Yukon	11	**10.9**	*3.40*	1.28	*0.52*	10	**10.1**	*3.38*	0.85	*0.42*
USA, NPCR (42 states)	138296	**15.4**	*0.04*	1.71	*0.01*	121201	**10.9**	*0.03*	1.23	*0.00*
USA, NPCR (42 states): American Indian	571	**8.6**	*0.37*	0.97	*0.05*	519	**6.7**	*0.30*	0.78	*0.05*
USA, NPCR (42 states): Asian and Pacific Islander	2486	**7.9**	*0.16*	0.85	*0.02*	2332	**6.0**	*0.13*	0.66	*0.02*
USA, NPCR (42 states): Black	10493	**12.3**	*0.12*	1.33	*0.02*	9242	**8.3**	*0.09*	0.92	*0.01*
USA, NPCR (42 states): White	122282	**15.7**	*0.05*	1.75	*0.01*	106844	**11.1**	*0.04*	1.27	*0.01*
USA, SEER (9 registries)	15285	**16.3**	*0.14*	1.80	*0.02*	13050	**11.4**	*0.11*	1.29	*0.02*
*USA, SEER (9 registries): Black	1195	**14.4**	*0.43*	1.57	*0.06*	1009	**9.6**	*0.31*	1.05	*0.04*
*USA, SEER (9 registries): White	12907	**17.0**	*0.16*	1.88	*0.02*	11033	**12.0**	*0.13*	1.36	*0.02*
USA, SEER (18 registries)	41583	**15.5**	*0.08*	1.71	*0.01*	35781	**10.8**	*0.06*	1.23	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	2271	**10.3**	*0.22*	1.12	*0.03*	1974	**7.3**	*0.17*	0.81	*0.02*
*USA, SEER (18 registries): Black	3110	**12.9**	*0.24*	1.41	*0.03*	2638	**8.6**	*0.17*	0.95	*0.02*
*USA, SEER (18 registries): Hispanic White	4120	**13.2**	*0.22*	1.46	*0.03*	3508	**10.2**	*0.18*	1.16	*0.03*
*USA, SEER (18 registries): Non–Hispanic White	31381	**16.6**	*0.10*	1.84	*0.01*	26960	**11.5**	*0.08*	1.31	*0.01*
*USA, SEER (18 registries): White	35501	**16.1**	*0.09*	1.78	*0.01*	30468	**11.3**	*0.07*	1.29	*0.01*
USA, Alabama	2165	**14.0**	*0.31*	1.56	*0.04*	1886	**9.2**	*0.23*	1.07	*0.03*
USA, Alabama: Black	320	**10.7**	*0.61*	1.15	*0.08*	269	**6.6**	*0.42*	0.77	*0.06*
USA, Alabama: White	1817	**14.7**	*0.36*	1.64	*0.05*	1585	**9.8**	*0.28*	1.14	*0.04*
USA, Alaska	277	**14.9**	*0.93*	1.58	*0.13*	218	**11.8**	*0.83*	1.34	*0.12*
*USA, Alaska: American Indian	25	**10.3**	*2.12*	0.91	*0.23*	31	**11.0**	*2.03*	1.17	*0.27*
USA, Arizona	2572	**12.0**	*0.25*	1.38	*0.04*	2182	**9.0**	*0.21*	1.02	*0.03*
USA, Arizona: American Indian	52	**8.1**	*1.15*	0.95	*0.17*	53	**6.9**	*0.97*	0.84	*0.14*
USA, Arizona: Asian and Pacific Islander	17	**5.1**	*1.26*	0.67	*0.19*	17	**3.6**	*0.89*	0.44	*0.12*
USA, Arizona: Black	57	**11.1**	*1.52*	1.36	*0.22*	34	**5.6**	*0.98*	0.63	*0.15*
USA, Arizona: White	2407	**12.0**	*0.26*	1.39	*0.04*	2030	**9.0**	*0.22*	1.02	*0.03*
USA, Arkansas	1500	**14.9**	*0.41*	1.70	*0.05*	1296	**10.4**	*0.32*	1.22	*0.04*
USA, Arkansas: Black	104	**10.4**	*1.05*	1.32	*0.16*	90	**6.7**	*0.75*	0.71	*0.09*
USA, Arkansas: White	1370	**15.3**	*0.44*	1.74	*0.06*	1181	**10.8**	*0.35*	1.26	*0.05*
USA, California	16971	**15.0**	*0.12*	1.66	*0.02*	14058	**10.3**	*0.09*	1.16	*0.01*
USA, California: American Indian	59	**5.0**	*0.67*	0.56	*0.09*	46	**3.2**	*0.49*	0.36	*0.08*
USA, California: Asian and Pacific Islander	1339	**9.5**	*0.27*	1.04	*0.04*	1243	**7.1**	*0.22*	0.78	*0.03*
USA, California: Black	798	**12.1**	*0.44*	1.35	*0.06*	655	**8.2**	*0.33*	0.95	*0.05*
USA, California: White	14313	**15.7**	*0.14*	1.73	*0.02*	11671	**10.6**	*0.11*	1.20	*0.02*
USA, California, Los Angeles County	4154	**14.3**	*0.23*	1.59	*0.03*	3637	**10.1**	*0.18*	1.14	*0.03*
*USA, California, Los Angeles County: Asian and Pacific Islander	429	**9.7**	*0.49*	1.10	*0.07*	411	**7.4**	*0.39*	0.80	*0.05*
*USA, California, Los Angeles County: Black	320	**12.2**	*0.69*	1.35	*0.09*	300	**8.4**	*0.51*	0.95	*0.07*
*USA, California, Los Angeles County: Chinese	125	**9.3**	*0.87*	1.01	*0.12*	91	**5.6**	*0.64*	0.54	*0.08*
*USA, California, Los Angeles County: Filipino	119	**13.6**	*1.30*	1.63	*0.19*	133	**10.6**	*0.98*	1.13	*0.13*
*USA, California, Los Angeles County: Hispanic White	1083	**12.7**	*0.41*	1.39	*0.06*	941	**9.4**	*0.32*	1.09	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Non-Hodgkin lymphoma (C82-85,C96) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	58	**8.7**	*1.41*	0.94	*0.18*	71	**9.4**	*1.43*	0.92	*0.16*
*USA, California, Los Angeles County: Korean	42	**6.6**	*1.04*	0.81	*0.15*	42	**5.4**	*0.87*	0.73	*0.13*
*USA, California, Los Angeles County: Non−Hispanic White	2225	**17.1**	*0.40*	1.90	*0.05*	1883	**11.6**	*0.31*	1.32	*0.04*
*USA, California, Los Angeles County: White	3308	**15.3**	*0.28*	1.70	*0.04*	2824	**10.7**	*0.22*	1.22	*0.03*
USA, California, San Francisco Bay Area	2463	**16.9**	*0.36*	1.82	*0.05*	1845	**10.5**	*0.27*	1.17	*0.04*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	352	**11.5**	*0.65*	1.26	*0.09*	280	**7.1**	*0.46*	0.78	*0.06*
*USA, California, San Francisco Bay Area: Black	166	**14.2**	*1.12*	1.62	*0.15*	140	**9.6**	*0.85*	1.09	*0.11*
*USA, California, San Francisco Bay Area: Hispanic White	270	**16.9**	*1.10*	1.95	*0.16*	207	**11.3**	*0.83*	1.28	*0.12*
*USA, California, San Francisco Bay Area: Non−Hispanic White	1611	**18.8**	*0.51*	1.98	*0.07*	1170	**11.5**	*0.39*	1.28	*0.05*
*USA, California, San Francisco Bay Area: White	1881	**18.4**	*0.45*	1.96	*0.06*	1377	**11.5**	*0.35*	1.28	*0.05*
USA, Colorado	2122	**14.5**	*0.32*	1.60	*0.05*	1833	**10.7**	*0.27*	1.21	*0.04*
USA, Colorado: Asian and Pacific Islander	30	**9.6**	*1.84*	0.89	*0.26*	31	**7.9**	*1.48*	0.88	*0.22*
USA, Colorado: Black	50	**9.8**	*1.44*	0.98	*0.18*	37	**6.8**	*1.17*	0.65	*0.15*
USA, Colorado: White	1968	**14.3**	*0.33*	1.59	*0.05*	1689	**10.6**	*0.28*	1.19	*0.04*
USA, Connecticut	2164	**16.9**	*0.39*	1.84	*0.05*	1968	**12.1**	*0.31*	1.35	*0.04*
*USA, Connecticut: Black	129	**14.9**	*1.34*	1.62	*0.17*	111	**9.7**	*0.95*	1.09	*0.13*
*USA, Connecticut: White	1988	**17.0**	*0.41*	1.85	*0.06*	1829	**12.4**	*0.34*	1.38	*0.04*
USA, Delaware	484	**16.5**	*0.78*	1.89	*0.11*	407	**11.3**	*0.62*	1.25	*0.08*
USA, Delaware: Black	62	**14.1**	*1.83*	1.37	*0.22*	52	**9.4**	*1.33*	0.98	*0.17*
USA, Delaware: White	413	**16.8**	*0.88*	1.97	*0.12*	348	**11.6**	*0.71*	1.29	*0.09*
USA, Florida	10545	**14.7**	*0.16*	1.63	*0.02*	8969	**10.4**	*0.13*	1.17	*0.02*
USA, Florida: Asian and Pacific Islander	43	**4.1**	*0.64*	0.45	*0.09*	47	**3.4**	*0.50*	0.37	*0.07*
USA, Florida: Black	858	**12.6**	*0.44*	1.35	*0.06*	768	**9.1**	*0.34*	0.96	*0.04*
USA, Florida: White	9490	**14.7**	*0.17*	1.65	*0.02*	8014	**10.4**	*0.14*	1.18	*0.02*
USA, Georgia	3812	**14.4**	*0.24*	1.59	*0.03*	3242	**9.6**	*0.18*	1.07	*0.02*
USA, Georgia: Asian and Pacific Islander	30	**5.5**	*1.06*	0.71	*0.17*	20	**3.0**	*0.70*	0.23	*0.08*
USA, Georgia: Black	796	**13.0**	*0.48*	1.42	*0.06*	603	**7.4**	*0.31*	0.80	*0.04*
USA, Georgia: White	2960	**14.7**	*0.28*	1.64	*0.04*	2602	**10.3**	*0.22*	1.17	*0.03*
USA, Georgia, Atlanta	1282	**14.8**	*0.43*	1.60	*0.06*	1039	**9.7**	*0.32*	1.06	*0.04*
*USA, Georgia, Atlanta: Black	404	**15.4**	*0.82*	1.67	*0.12*	275	**8.0**	*0.50*	0.87	*0.07*
*USA, Georgia, Atlanta: White	848	**14.7**	*0.52*	1.60	*0.07*	743	**10.7**	*0.43*	1.19	*0.06*
USA, Idaho	698	**14.1**	*0.56*	1.57	*0.08*	625	**10.7**	*0.47*	1.23	*0.07*
USA, Illinois	6689	**15.9**	*0.20*	1.75	*0.03*	5820	**10.6**	*0.16*	1.19	*0.02*
USA, Illinois: Asian and Pacific Islander	84	**6.0**	*0.67*	0.62	*0.09*	81	**5.0**	*0.58*	0.59	*0.08*
USA, Illinois: Black	575	**12.1**	*0.51*	1.30	*0.07*	515	**7.9**	*0.36*	0.88	*0.05*
USA, Illinois: White	5901	**16.4**	*0.23*	1.82	*0.03*	5125	**11.1**	*0.18*	1.25	*0.02*
USA, Indiana	3236	**15.1**	*0.28*	1.68	*0.04*	3094	**11.5**	*0.23*	1.32	*0.03*
USA, Indiana: Black	132	**9.6**	*0.85*	1.05	*0.12*	162	**9.6**	*0.78*	1.11	*0.11*
USA, Indiana: White	3039	**15.3**	*0.29*	1.71	*0.04*	2867	**11.4**	*0.24*	1.32	*0.03*
USA, Iowa	1872	**16.6**	*0.41*	1.87	*0.06*	1692	**12.0**	*0.34*	1.37	*0.05*
USA, Kentucky	2262	**15.7**	*0.34*	1.76	*0.05*	2085	**11.4**	*0.27*	1.33	*0.04*
USA, Louisiana	1835	**16.3**	*0.39*	1.83	*0.05*	1611	**11.1**	*0.30*	1.30	*0.04*
*USA, Louisiana: Black	364	**13.2**	*0.70*	1.42	*0.09*	307	**8.3**	*0.49*	0.92	*0.06*
*USA, Louisiana: White	1459	**17.2**	*0.47*	1.97	*0.06*	1292	**12.2**	*0.38*	1.45	*0.05*
*USA, Louisiana, New Orleans	350	**16.0**	*0.89*	1.79	*0.12*	324	**10.9**	*0.66*	1.30	*0.09*
*USA, Louisiana, New Orleans: Black	102	**15.1**	*1.52*	1.55	*0.19*	83	**8.7**	*0.99*	0.98	*0.13*
*USA, Louisiana, New Orleans: White	245	**16.7**	*1.13*	1.95	*0.16*	239	**12.2**	*0.90*	1.51	*0.13*
USA, Maine	848	**16.6**	*0.62*	1.73	*0.08*	795	**12.5**	*0.49*	1.41	*0.07*
USA, Massachusetts	3689	**16.1**	*0.28*	1.74	*0.04*	3371	**11.2**	*0.22*	1.24	*0.03*
USA, Massachusetts: Asian and Pacific Islander	61	**9.0**	*1.19*	1.07	*0.18*	50	**6.1**	*0.90*	0.61	*0.12*
USA, Massachusetts: Black	137	**12.7**	*1.12*	1.33	*0.15*	111	**8.6**	*0.84*	0.91	*0.11*
USA, Massachusetts: White	3423	**16.2**	*0.30*	1.75	*0.04*	3154	**11.3**	*0.23*	1.26	*0.03*
USA, Michigan	5908	**16.8**	*0.23*	1.85	*0.03*	5411	**12.6**	*0.19*	1.43	*0.03*
USA, Michigan: Asian and Pacific Islander	30	**6.3**	*1.18*	0.67	*0.16*	35	**6.0**	*1.04*	0.65	*0.15*
USA, Michigan: Black	516	**14.0**	*0.63*	1.52	*0.08*	519	**10.9**	*0.50*	1.16	*0.06*
USA, Michigan: White	5230	**16.9**	*0.25*	1.87	*0.03*	4732	**12.6**	*0.20*	1.44	*0.03*
USA, Michigan, Detroit	2295	**16.9**	*0.37*	1.85	*0.05*	2241	**13.0**	*0.30*	1.49	*0.04*
*USA, Michigan, Detroit: Black	370	**14.0**	*0.75*	1.47	*0.10*	386	**10.8**	*0.58*	1.17	*0.07*
*USA, Michigan, Detroit: White	1880	**17.7**	*0.44*	1.96	*0.06*	1799	**13.5**	*0.36*	1.58	*0.05*
USA, Mississippi	1319	**14.4**	*0.41*	1.68	*0.06*	1152	**9.5**	*0.31*	1.15	*0.04*
USA, Missouri	3008	**14.6**	*0.28*	1.63	*0.04*	2782	**10.7**	*0.23*	1.26	*0.03*
USA, Missouri: Black	181	**11.2**	*0.85*	1.14	*0.11*	177	**8.2**	*0.64*	0.88	*0.08*
USA, Missouri: White	2792	**14.9**	*0.30*	1.67	*0.04*	2564	**10.9**	*0.24*	1.29	*0.03*
USA, Montana	550	**15.0**	*0.68*	1.76	*0.10*	420	**8.9**	*0.49*	1.01	*0.07*
USA, Montana: American Indian	23	**17.4**	*3.69*	1.90	*0.54*	18	**11.8**	*2.84*	1.21	*0.40*
USA, Nebraska	1008	**16.2**	*0.54*	1.82	*0.07*	932	**11.9**	*0.44*	1.39	*0.06*
USA, Nebraska: Black	25	**13.8**	*2.83*	1.66	*0.43*	20	**10.4**	*2.39*	1.39	*0.37*
USA, Nebraska: White	958	**16.0**	*0.55*	1.80	*0.08*	889	**11.8**	*0.46*	1.38	*0.06*
USA, New Hampshire	731	**16.2**	*0.63*	1.81	*0.08*	671	**12.3**	*0.53*	1.43	*0.07*
USA, New Jersey	5137	**17.0**	*0.25*	1.82	*0.03*	4588	**11.8**	*0.20*	1.33	*0.03*
*USA, New Jersey: Black	431	**13.4**	*0.66*	1.44	*0.08*	401	**9.4**	*0.48*	1.05	*0.06*
*USA, New Jersey: White	4448	**17.5**	*0.28*	1.88	*0.04*	3998	**12.3**	*0.22*	1.39	*0.03*
USA, New Mexico	808	**12.1**	*0.45*	1.43	*0.06*	753	**9.7**	*0.38*	1.13	*0.05*
*USA, New Mexico: Hispanic White	204	**9.3**	*0.67*	1.08	*0.10*	216	**8.4**	*0.60*	0.93	*0.08*
*USA, New Mexico: Non−Hispanic White	568	**15.1**	*0.72*	1.74	*0.09*	478	**10.9**	*0.58*	1.28	*0.07*
*USA, New Mexico: White	772	**12.8**	*0.49*	1.49	*0.07*	694	**9.9**	*0.41*	1.15	*0.06*
USA, New York State	11183	**17.0**	*0.17*	1.86	*0.02*	10149	**11.9**	*0.13*	1.32	*0.02*
USA, New York State: Asian and Pacific Islander	240	**6.4**	*0.42*	0.69	*0.06*	194	**4.6**	*0.34*	0.52	*0.05*
USA, New York State: Black	1142	**13.1**	*0.39*	1.43	*0.05*	1098	**9.3**	*0.29*	0.97	*0.03*
USA, New York State: White	9538	**17.8**	*0.19*	1.97	*0.03*	8673	**12.6**	*0.15*	1.41	*0.02*
USA, North Carolina	4300	**14.9**	*0.24*	1.68	*0.03*	3850	**10.6**	*0.19*	1.20	*0.02*
USA, North Carolina: American Indian	18	**6.2**	*1.49*	0.76	*0.22*	22	**6.2**	*1.35*	0.68	*0.16*
USA, North Carolina: Asian and Pacific Islander	23	**6.5**	*1.45*	0.67	*0.18*	24	**5.9**	*1.25*	0.64	*0.17*
USA, North Carolina: Black	572	**12.0**	*0.51*	1.29	*0.07*	558	**8.7**	*0.38*	0.96	*0.05*
USA, North Carolina: White	3641	**15.4**	*0.27*	1.75	*0.04*	3211	**10.9**	*0.21*	1.25	*0.03*
USA, North Dakota	379	**15.4**	*0.86*	1.69	*0.12*	327	**11.3**	*0.72*	1.28	*0.10*
USA, Ohio	6289	**15.5**	*0.21*	1.71	*0.03*	5685	**11.0**	*0.16*	1.26	*0.02*
USA, Ohio: Asian and Pacific Islander	27	**6.1**	*1.22*	0.62	*0.16*	19	**3.8**	*0.88*	0.34	*0.10*
USA, Ohio: Black	421	**11.7**	*0.59*	1.30	*0.08*	374	**8.1**	*0.44*	0.90	*0.06*
USA, Ohio: White	5715	**15.7**	*0.22*	1.73	*0.03*	5138	**11.0**	*0.17*	1.28	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Non-Hodgkin lymphoma (C82-85,C96) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	1920	**15.4**	*0.37*	1.72	*0.05*	1864	**12.1**	*0.31*	1.42	*0.04*
USA, Oklahoma: American Indian	139	**17.8**	*1.53*	1.95	*0.20*	134	**14.0**	*1.25*	1.71	*0.19*
USA, Oklahoma: Black	61	**9.0**	*1.18*	1.02	*0.16*	72	**9.5**	*1.15*	1.10	*0.15*
USA, Oklahoma: White	1690	**15.4**	*0.40*	1.73	*0.05*	1626	**12.0**	*0.33*	1.41	*0.05*
USA, Oregon	2156	**16.0**	*0.37*	1.73	*0.05*	1789	**11.2**	*0.29*	1.27	*0.04*
USA, Oregon: Asian and Pacific Islander	34	**10.4**	*1.85*	0.99	*0.24*	26	**6.2**	*1.28*	0.76	*0.19*
USA, Oregon: Black	20	**10.3**	*2.42*	1.13	*0.34*	14	**7.8**	*2.17*	0.88	*0.29*
USA, Oregon: White	2028	**15.9**	*0.38*	1.71	*0.05*	1669	**10.9**	*0.30*	1.24	*0.04*
USA, Pennsylvania	7914	**16.6**	*0.20*	1.84	*0.03*	7285	**11.7**	*0.16*	1.35	*0.02*
USA, Pennsylvania: Asian and Pacific Islander	50	**7.3**	*1.05*	0.64	*0.13*	42	**5.2**	*0.82*	0.56	*0.12*
USA, Pennsylvania: Black	461	**13.5**	*0.64*	1.37	*0.08*	385	**8.1**	*0.44*	0.90	*0.06*
USA, Pennsylvania: White	7266	**16.6**	*0.21*	1.85	*0.03*	6735	**11.9**	*0.17*	1.37	*0.02*
USA, Rhode Island	639	**16.7**	*0.70*	1.91	*0.10*	586	**11.4**	*0.54*	1.24	*0.07*
USA, Rhode Island: Black	21	**13.2**	*2.99*	1.45	*0.39*	9	**4.5**	*1.54*	0.57	*0.24*
USA, Rhode Island: White	610	**16.9**	*0.74*	1.95	*0.10*	569	**11.7**	*0.57*	1.29	*0.08*
USA, South Carolina	2050	**14.2**	*0.33*	1.60	*0.04*	1793	**9.8**	*0.25*	1.11	*0.03*
USA, South Carolina: Black	378	**12.1**	*0.63*	1.32	*0.08*	322	**7.5**	*0.44*	0.78	*0.05*
USA, South Carolina: White	1649	**14.5**	*0.37*	1.66	*0.05*	1440	**10.4**	*0.31*	1.20	*0.04*
USA, South Dakota	411	**13.8**	*0.74*	1.56	*0.10*	390	**11.1**	*0.65*	1.28	*0.09*
USA, Tennessee	2964	**14.5**	*0.27*	1.63	*0.04*	2717	**10.5**	*0.22*	1.22	*0.03*
USA, Tennessee: Black	249	**10.4**	*0.67*	1.06	*0.09*	234	**7.4**	*0.51*	0.83	*0.07*
USA, Tennessee: White	2679	**14.8**	*0.30*	1.69	*0.04*	2448	**10.9**	*0.24*	1.28	*0.03*
USA, Texas	10221	**15.1**	*0.15*	1.69	*0.02*	8952	**11.0**	*0.12*	1.26	*0.02*
USA, Texas: Asian and Pacific Islander	102	**5.5**	*0.56*	0.64	*0.09*	99	**4.7**	*0.49*	0.54	*0.07*
USA, Texas: Black	865	**13.4**	*0.47*	1.45	*0.06*	738	**9.1**	*0.35*	0.97	*0.04*
USA, Texas: White	9038	**15.2**	*0.17*	1.72	*0.02*	7919	**11.2**	*0.14*	1.29	*0.02*
USA, Utah	1033	**15.6**	*0.50*	1.81	*0.07*	825	**10.7**	*0.40*	1.21	*0.06*
USA, Vermont	368	**15.6**	*0.84*	1.88	*0.12*	342	**12.4**	*0.74*	1.43	*0.10*
USA, Virginia	3506	**14.2**	*0.25*	1.61	*0.03*	2935	**9.6**	*0.19*	1.13	*0.03*
USA, Virginia: Asian and Pacific Islander	52	**5.9**	*0.84*	0.70	*0.12*	59	**5.5**	*0.74*	0.57	*0.09*
USA, Virginia: Black	459	**11.7**	*0.56*	1.30	*0.07*	384	**7.7**	*0.41*	0.90	*0.06*
USA, Virginia: White	2916	**14.7**	*0.28*	1.66	*0.04*	2443	**10.0**	*0.22*	1.19	*0.03*
USA, Washington State	3818	**17.5**	*0.30*	1.95	*0.04*	3097	**12.2**	*0.24*	1.37	*0.03*
USA, Washington, Seattle	2739	**18.5**	*0.37*	2.05	*0.05*	2220	**12.9**	*0.30*	1.45	*0.04*
USA, West Virginia	1161	**16.2**	*0.51*	1.85	*0.07*	1035	**11.7**	*0.41*	1.39	*0.06*
USA, Wisconsin	3510	**17.3**	*0.31*	1.91	*0.04*	3132	**12.7**	*0.26*	1.45	*0.04*
USA, Wisconsin: Black	73	**10.7**	*1.30*	1.18	*0.17*	74	**9.1**	*1.08*	1.17	*0.16*
USA, Wisconsin: White	3347	**17.4**	*0.32*	1.92	*0.04*	2981	**12.7**	*0.26*	1.45	*0.04*
USA, Wyoming	274	**14.8**	*0.93*	1.74	*0.13*	220	**10.6**	*0.78*	1.22	*0.11*
Asia										
Bahrain: Bahraini	60	**6.7**	*0.91*	0.65	*0.12*	46	**5.5**	*0.85*	0.70	*0.13*
China, Beijing City	1266	**4.8**	*0.16*	0.52	*0.02*	913	**3.4**	*0.14*	0.37	*0.01*
*China, Cixian County	29	**2.1**	*0.40*	0.29	*0.07*	19	**1.4**	*0.35*	0.14	*0.04*
China, Haining County	86	**4.1**	*0.46*	0.51	*0.06*	57	**2.4**	*0.33*	0.32	*0.05*
*China, Harbin City, Nangang District	65	**2.2**	*0.29*	0.26	*0.04*	46	**1.6**	*0.26*	0.16	*0.03*
China, Hong Kong	1734	**7.4**	*0.19*	0.80	*0.02*	1453	**5.4**	*0.16*	0.59	*0.02*
China, Jiashan County	68	**4.8**	*0.62*	0.50	*0.07*	33	**2.4**	*0.45*	0.26	*0.05*
China, Jiaxing City	52	**4.5**	*0.64*	0.45	*0.08*	38	**3.3**	*0.56*	0.44	*0.08*
China, Macao	66	**5.3**	*0.69*	0.57	*0.09*	69	**4.4**	*0.58*	0.42	*0.08*
China, Qidong County	188	**4.9**	*0.38*	0.53	*0.04*	109	**2.4**	*0.24*	0.32	*0.03*
*China, Shanghai City	1383	**5.4**	*0.17*	0.56	*0.02*	1091	**3.9**	*0.15*	0.42	*0.02*
*China, Wuhan City	752	**5.5**	*0.22*	0.63	*0.03*	513	**3.7**	*0.18*	0.43	*0.02*
*China, Yangcheng County	36	**4.8**	*1.25*	0.45	*0.09*	34	**3.7**	*0.65*	0.41	*0.08*
*China, Yanting County	93	**6.1**	*0.67*	0.59	*0.07*	25	**1.5**	*0.31*	0.19	*0.04*
*China, Zhongshan City	122	**4.3**	*0.40*	0.48	*0.05*	90	**3.0**	*0.33*	0.30	*0.04*
*India, Bangalore	402	**5.1**	*0.27*	0.59	*0.04*	235	**3.2**	*0.21*	0.37	*0.03*
*India; Barshi, Paranda, and Bhum	22	**1.7**	*0.39*	0.19	*0.04*	11	**0.8**	*0.27*	0.06	*0.02*
*India, Bhopal	123	**4.7**	*0.45*	0.52	*0.06*	59	**2.6**	*0.35*	0.26	*0.04*
*India, Chennai	481	**4.6**	*0.21*	0.50	*0.03*	254	**2.4**	*0.15*	0.26	*0.02*
*India, Dindigul, Ambilikkai	72	**1.5**	*0.17*	0.15	*0.02*	28	**0.6**	*0.11*	0.06	*0.01*
*India, Karunagappally	30	**2.8**	*0.52*	0.33	*0.07*	22	**1.9**	*0.41*	0.24	*0.05*
*India, Mizoram	58	**3.5**	*0.49*	0.40	*0.07*	34	**2.1**	*0.38*	0.28	*0.06*
*India, Mumbai	1225	**4.6**	*0.14*	0.49	*0.02*	690	**2.8**	*0.11*	0.31	*0.01*
*India, New Delhi	1609	**5.6**	*0.15*	0.62	*0.02*	746	**3.0**	*0.12*	0.36	*0.02*
*India, Poona	267	**3.5**	*0.22*	0.40	*0.03*	153	**1.9**	*0.16*	0.22	*0.02*
*India, Sikkim State	5	**0.5**	*0.25*	0.03	*0.02*	9	**1.1**	*0.39*	0.16	*0.07*
*India, Trivandrum	84	**5.2**	*0.57*	0.62	*0.08*	52	**2.7**	*0.38*	0.34	*0.06*
*Iran (Islamic Republic of), Golestan Province	134	**7.2**	*0.67*	0.81	*0.09*	65	**3.3**	*0.43*	0.33	*0.05*
Israel	3198	**17.5**	*0.32*	1.93	*0.04*	3058	**14.0**	*0.27*	1.57	*0.04*
*Israel: Jews	2887	**17.9**	*0.35*	1.98	*0.05*	2809	**14.4**	*0.30*	1.61	*0.04*
*Israel: Non–Jews	311	**14.1**	*0.86*	1.49	*0.12*	249	**11.3**	*0.75*	1.21	*0.10*
Japan, Aichi Prefecture	445	**7.6**	*0.38*	0.81	*0.05*	326	**5.1**	*0.32*	0.53	*0.04*
Japan, Fukui Prefecture	393	**9.4**	*0.56*	0.96	*0.06*	289	**5.4**	*0.40*	0.59	*0.05*
Japan, Hiroshima	568	**11.7**	*0.53*	1.25	*0.06*	509	**9.0**	*0.47*	0.96	*0.05*
Japan, Miyagi Prefecture	853	**7.7**	*0.30*	0.83	*0.04*	791	**6.0**	*0.26*	0.69	*0.03*
Japan, Nagasaki Prefecture	627	**8.3**	*0.39*	0.93	*0.05*	604	**6.6**	*0.37*	0.70	*0.04*
Japan, Niigata Prefecture	830	**6.6**	*0.28*	0.71	*0.03*	694	**4.4**	*0.22*	0.50	*0.02*
*Japan, Osaka Prefecture	2573	**6.4**	*0.14*	0.67	*0.02*	2056	**4.1**	*0.11*	0.44	*0.01*
Japan, Saga Prefecture	342	**8.0**	*0.49*	0.87	*0.06*	278	**5.0**	*0.42*	0.52	*0.04*
Republic of Korea	8645	**6.6**	*0.07*	0.71	*0.01*	6519	**4.2**	*0.05*	0.46	*0.01*
Republic of Korea, Busan	585	**5.9**	*0.26*	0.59	*0.03*	425	**3.5**	*0.18*	0.40	*0.02*
Republic of Korea, Daegu	427	**6.8**	*0.34*	0.72	*0.04*	360	**4.8**	*0.26*	0.51	*0.03*
Republic of Korea, Daejeon	250	**7.1**	*0.47*	0.75	*0.06*	182	**4.3**	*0.33*	0.46	*0.04*
Republic of Korea, Gwangju	235	**7.0**	*0.48*	0.77	*0.06*	198	**4.8**	*0.35*	0.54	*0.05*
Republic of Korea, Incheon	432	**6.5**	*0.33*	0.76	*0.05*	313	**4.3**	*0.25*	0.45	*0.03*
Republic of Korea, Jejudo	73	**6.0**	*0.71*	0.65	*0.09*	70	**4.8**	*0.62*	0.46	*0.07*
Republic of Korea, Seoul	1931	**7.5**	*0.18*	0.83	*0.02*	1408	**4.6**	*0.13*	0.48	*0.02*
Republic of Korea, Ulsan	163	**5.9**	*0.52*	0.64	*0.07*	115	**4.0**	*0.40*	0.46	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Non-Hodgkin lymphoma (C82-85,C96) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	368	**7.1**	*0.50*	0.79	*0.08*	185	**5.8**	*0.50*	0.66	*0.08*
*Kuwait: Kuwaitis	163	**10.9**	*0.93*	1.14	*0.12*	97	**5.9**	*0.64*	0.64	*0.09*
*Kuwait: Non−Kuwaitis	205	**5.8**	*0.75*	0.70	*0.11*	88	**6.2**	*0.92*	0.76	*0.16*
*Malaysia, Penang	125	**5.2**	*0.47*	0.58	*0.06*	96	**3.5**	*0.37*	0.42	*0.05*
*Malaysia, Penang: Chinese	77	**5.6**	*0.65*	0.63	*0.09*	61	**4.0**	*0.51*	0.46	*0.07*
*Malaysia, Penang: Indian	9	**3.2**	*1.09*	0.27	*0.10*	8	**2.6**	*0.96*	0.32	*0.16*
*Malaysia, Penang: Malay	38	**4.2**	*0.73*	0.49	*0.11*	27	**2.8**	*0.56*	0.36	*0.08*
*Philippines, Manila	548	**6.1**	*0.29*	0.65	*0.04*	541	**5.1**	*0.23*	0.58	*0.03*
*Philippines, Rizal	577	**6.1**	*0.29*	0.66	*0.04*	505	**4.5**	*0.21*	0.52	*0.03*
Qatar: Qatari	24	**8.3**	*1.92*	1.00	*0.26*	21	**7.6**	*1.76*	0.92	*0.24*
*Saudi Arabia, Riyadh: Saudi	490	**8.6**	*0.43*	0.93	*0.06*	358	**7.1**	*0.41*	0.81	*0.06*
Singapore	863	**9.0**	*0.32*	1.00	*0.04*	630	**5.8**	*0.24*	0.62	*0.03*
Singapore: Chinese	704	**9.3**	*0.36*	1.02	*0.05*	494	**5.6**	*0.27*	0.58	*0.03*
Singapore: Indian	41	**5.5**	*0.91*	0.57	*0.11*	30	**4.4**	*0.82*	0.47	*0.11*
Singapore: Malay	109	**10.4**	*1.04*	1.26	*0.15*	99	**8.5**	*0.89*	1.04	*0.12*
Thailand, Bangkok	565	**3.9**	*0.17*	0.42	*0.02*	531	**2.9**	*0.13*	0.33	*0.02*
Thailand, Chiang Mai	294	**6.7**	*0.41*	0.76	*0.05*	232	**4.8**	*0.33*	0.54	*0.04*
Thailand, Chonburi	181	**6.3**	*0.49*	0.64	*0.06*	146	**4.9**	*0.42*	0.49	*0.05*
*Thailand, Khon Kaen	190	**4.4**	*0.33*	0.52	*0.05*	157	**3.2**	*0.25*	0.34	*0.03*
Thailand, Lampang	156	**6.5**	*0.53*	0.75	*0.07*	117	**4.4**	*0.42*	0.48	*0.05*
*Thailand, Songkhla	148	**5.8**	*0.48*	0.65	*0.07*	117	**4.0**	*0.38*	0.45	*0.05*
*Turkey, Antalya	284	**7.6**	*0.46*	0.88	*0.06*	198	**5.2**	*0.38*	0.58	*0.05*
*Turkey, Edirne	50	**5.2**	*0.76*	0.55	*0.09*	40	**3.8**	*0.62*	0.41	*0.07*
*Turkey, Izmir	756	**8.0**	*0.30*	0.88	*0.04*	584	**5.6**	*0.24*	0.63	*0.03*
*Turkey, Trabzon	92	**8.2**	*0.87*	0.95	*0.11*	60	**4.6**	*0.61*	0.48	*0.07*
Europe										
Austria	3038	**9.7**	*0.19*	1.06	*0.02*	2887	**7.1**	*0.15*	0.79	*0.02*
Austria, Tyrol	282	**11.0**	*0.68*	1.22	*0.09*	230	**7.4**	*0.56*	0.78	*0.07*
Austria, Vorarlberg	151	**12.3**	*1.05*	1.38	*0.13*	126	**7.8**	*0.78*	0.91	*0.10*
*Belarus	1320	**4.7**	*0.14*	0.51	*0.02*	1246	**2.9**	*0.09*	0.33	*0.01*
*Belgium	4209	**12.7**	*0.21*	1.39	*0.03*	3569	**8.7**	*0.17*	0.98	*0.02*
Bulgaria	1257	**4.5**	*0.14*	0.49	*0.02*	1059	**3.1**	*0.11*	0.34	*0.01*
Croatia	1088	**7.1**	*0.24*	0.73	*0.03*	1132	**5.8**	*0.20*	0.61	*0.02*
Cyprus	283	**11.6**	*0.72*	1.26	*0.09*	215	**7.4**	*0.53*	0.83	*0.07*
Czech Republic	2814	**7.5**	*0.15*	0.84	*0.02*	2763	**5.7**	*0.12*	0.64	*0.02*
Denmark	2523	**11.6**	*0.24*	1.30	*0.03*	2069	**8.1**	*0.20*	0.93	*0.03*
*Estonia	317	**7.1**	*0.42*	0.78	*0.05*	330	**4.3**	*0.28*	0.49	*0.03*
Finland	2512	**12.1**	*0.26*	1.32	*0.03*	2465	**9.0**	*0.21*	1.02	*0.03*
*France, Bas−Rhin	396	**10.3**	*0.55*	1.16	*0.07*	354	**6.9**	*0.42*	0.79	*0.06*
*France, Calvados	263	**10.3**	*0.69*	1.00	*0.08*	240	**7.2**	*0.56*	0.76	*0.07*
*France, Doubs	214	**10.7**	*0.79*	1.05	*0.09*	205	**8.8**	*0.69*	0.95	*0.09*
*France, Haut−Rhin	361	**13.2**	*0.73*	1.51	*0.10*	254	**7.3**	*0.54*	0.77	*0.06*
*France, Hérault	421	**10.7**	*0.57*	1.17	*0.07*	363	**7.2**	*0.43*	0.83	*0.06*
*France, Isère	488	**11.4**	*0.55*	1.18	*0.07*	423	**7.9**	*0.43*	0.88	*0.06*
*France, Loire−Atlantique	620	**13.9**	*0.60*	1.49	*0.08*	519	**8.4**	*0.43*	0.95	*0.06*
*France, Manche	216	**9.9**	*0.76*	1.11	*0.09*	178	**5.7**	*0.54*	0.60	*0.07*
*France, Somme	254	**12.0**	*0.81*	1.38	*0.11*	201	**7.2**	*0.58*	0.86	*0.08*
*France, Tarn	181	**9.3**	*0.80*	1.01	*0.10*	152	**7.5**	*0.77*	0.81	*0.09*
*France, Vendée	310	**11.9**	*0.75*	1.32	*0.09*	281	**8.2**	*0.61*	0.89	*0.07*
Germany, Brandenburg	1014	**9.2**	*0.32*	1.00	*0.04*	998	**6.9**	*0.26*	0.76	*0.03*
Germany, Bremen	317	**10.8**	*0.66*	1.28	*0.09*	337	**8.2**	*0.55*	0.96	*0.07*
Germany, Free State of Saxony	1808	**9.1**	*0.24*	0.99	*0.03*	1828	**6.9**	*0.20*	0.79	*0.02*
Germany, Hamburg	669	**9.3**	*0.39*	1.02	*0.05*	651	**7.1**	*0.33*	0.77	*0.04*
Germany, Mecklenburg−Western Pomerania	706	**9.8**	*0.40*	1.09	*0.05*	801	**8.2**	*0.34*	0.95	*0.04*
Germany, Munich	1485	**9.3**	*0.26*	0.99	*0.03*	1365	**6.7**	*0.21*	0.76	*0.03*
Germany, North Rhine−Westphalia	1065	**10.1**	*0.33*	1.14	*0.04*	982	**7.4**	*0.28*	0.82	*0.03*
Germany, Saarland	506	**10.7**	*0.52*	1.19	*0.06*	471	**7.6**	*0.42*	0.86	*0.05*
Germany, Schleswig−Holstein	1500	**12.1**	*0.34*	1.31	*0.04*	1369	**8.6**	*0.27*	0.98	*0.03*
Iceland	111	**11.5**	*1.14*	1.44	*0.16*	83	**7.3**	*0.87*	0.86	*0.12*
Ireland	1517	**11.7**	*0.31*	1.30	*0.04*	1286	**8.8**	*0.26*	1.00	*0.03*
Italy, Biella	124	**14.2**	*1.44*	1.54	*0.16*	127	**10.9**	*1.28*	1.25	*0.14*
Italy, Brescia	429	**12.7**	*0.66*	1.42	*0.08*	452	**10.9**	*0.59*	1.20	*0.07*
Italy, Catania and Messina	425	**10.9**	*0.57*	1.23	*0.07*	323	**7.0**	*0.44*	0.80	*0.05*
Italy, Catanzaro	95	**10.1**	*1.11*	1.13	*0.13*	93	**9.0**	*1.07*	0.99	*0.12*
Italy, Como	339	**14.9**	*0.90*	1.60	*0.10*	293	**10.4**	*0.71*	1.20	*0.08*
Italy, Ferrara	254	**16.0**	*1.28*	1.74	*0.13*	214	**9.1**	*0.85*	1.00	*0.09*
Italy, Florence and Prato	410	**13.1**	*0.78*	1.35	*0.08*	337	**7.9**	*0.56*	0.90	*0.06*
Italy, Friuli−Venezia Giulia	740	**13.4**	*0.59*	1.49	*0.07*	691	**9.6**	*0.50*	1.00	*0.05*
Italy, Genoa	500	**13.8**	*0.74*	1.53	*0.08*	474	**10.3**	*0.64*	1.18	*0.07*
Italy, Latina	226	**11.9**	*0.88*	1.38	*0.10*	194	**8.2**	*0.65*	0.97	*0.08*
Italy, Lecco	198	**15.0**	*1.16*	1.57	*0.13*	183	**11.2**	*0.99*	1.28	*0.12*
Italy, Lombardy, South	259	**15.2**	*1.11*	1.61	*0.11*	274	**11.2**	*0.82*	1.32	*0.10*
Italy, Mantua	130	**13.3**	*1.33*	1.59	*0.16*	119	**9.4**	*1.07*	1.05	*0.12*
Italy, Milan	659	**15.2**	*0.71*	1.57	*0.07*	624	**9.8**	*0.51*	1.11	*0.06*
Italy, Modena	444	**15.3**	*0.83*	1.70	*0.10*	324	**8.8**	*0.60*	0.99	*0.07*
Italy, Naples	204	**12.4**	*0.89*	1.39	*0.11*	222	**10.9**	*0.80*	1.15	*0.10*
Italy, Nuoro	133	**12.9**	*1.24*	1.38	*0.15*	126	**10.5**	*1.07*	1.21	*0.13*
Italy, Palermo	363	**10.2**	*0.58*	1.09	*0.07*	324	**7.6**	*0.47*	0.85	*0.05*
Italy, Parma	277	**13.8**	*0.95*	1.48	*0.11*	279	**11.0**	*0.83*	1.29	*0.10*
Italy, Ragusa	139	**11.7**	*1.11*	1.31	*0.13*	91	**6.1**	*0.73*	0.69	*0.09*
Italy, Reggio Emilia	296	**14.1**	*0.93*	1.56	*0.11*	239	**9.4**	*0.74*	0.99	*0.08*
Italy, Romagna	758	**13.8**	*0.60*	1.48	*0.07*	687	**10.7**	*0.50*	1.21	*0.06*
Italy, Salerno	441	**11.0**	*0.57*	1.19	*0.07*	400	**8.3**	*0.48*	0.91	*0.05*
Italy, Sassari	239	**12.8**	*0.88*	1.47	*0.11*	221	**10.1**	*0.79*	1.18	*0.09*
Italy, Sondrio	83	**12.1**	*1.49*	1.17	*0.15*	111	**12.2**	*1.35*	1.39	*0.16*
Italy, South Tyrol	199	**12.5**	*0.95*	1.37	*0.12*	151	**8.1**	*0.80*	0.83	*0.09*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Non-Hodgkin lymphoma (C82-85,C96) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	161	**11.1**	*0.97*	1.18	*0.11*	128	**7.3**	*0.72*	0.80	*0.08*
Italy, Trapani	100	**7.5**	*0.87*	0.81	*0.10*	96	**5.9**	*0.69*	0.64	*0.08*
Italy, Trento	184	**10.7**	*0.87*	1.18	*0.11*	185	**8.4**	*0.76*	0.87	*0.09*
Italy, Turin	608	**13.7**	*0.62*	1.65	*0.08*	590	**9.6**	*0.50*	1.10	*0.06*
Italy, Umbria	506	**13.0**	*0.70*	1.38	*0.07*	443	**8.8**	*0.51*	1.03	*0.06*
Italy, Varese	523	**15.4**	*0.76*	1.67	*0.09*	451	**10.6**	*0.61*	1.15	*0.07*
Italy, Veneto	1061	**14.0**	*0.48*	1.49	*0.05*	1023	**10.5**	*0.41*	1.13	*0.05*
Latvia	301	**5.3**	*0.32*	0.59	*0.04*	363	**4.0**	*0.25*	0.45	*0.03*
Lithuania	734	**7.0**	*0.27*	0.79	*0.03*	811	**4.6**	*0.19*	0.53	*0.02*
Malta	125	**8.7**	*0.82*	0.83	*0.09*	120	**7.1**	*0.69*	0.82	*0.09*
*The Netherlands	7162	**11.7**	*0.15*	1.30	*0.02*	5998	**8.2**	*0.12*	0.93	*0.02*
*The Netherlands, Eindhoven	451	**11.3**	*0.56*	1.31	*0.07*	368	**8.2**	*0.47*	0.90	*0.06*
Norway	2077	**11.8**	*0.28*	1.33	*0.04*	1786	**8.7**	*0.23*	0.99	*0.03*
Poland, Cracow	158	**8.0**	*0.70*	0.89	*0.08*	143	**5.0**	*0.45*	0.57	*0.06*
Poland, Kielce	217	**5.0**	*0.36*	0.59	*0.05*	214	**3.7**	*0.30*	0.41	*0.03*
Poland, Lower Silesia	493	**5.4**	*0.26*	0.61	*0.03*	456	**3.7**	*0.20*	0.40	*0.02*
Poland, Podkarpackie	394	**6.2**	*0.33*	0.72	*0.04*	361	**4.2**	*0.24*	0.48	*0.03*
Portugal, Azores	89	**12.2**	*1.35*	1.32	*0.17*	98	**11.3**	*1.24*	1.22	*0.15*
Russian Federation, Saint Petersburg	637	**4.8**	*0.21*	0.53	*0.02*	750	**3.3**	*0.14*	0.37	*0.02*
*Serbia, Central	996	**5.1**	*0.18*	0.56	*0.02*	767	**3.4**	*0.14*	0.37	*0.01*
Slovakia	1104	**6.9**	*0.21*	0.78	*0.03*	1182	**5.6**	*0.18*	0.62	*0.02*
Slovenia	558	**7.8**	*0.35*	0.79	*0.04*	673	**6.9**	*0.30*	0.77	*0.04*
Spain, Albacete	103	**7.2**	*0.77*	0.79	*0.09*	85	**5.1**	*0.63*	0.60	*0.08*
Spain, Asturias	552	**11.4**	*0.55*	1.23	*0.06*	502	**8.1**	*0.45*	0.94	*0.05*
Spain, Basque Country	970	**11.4**	*0.41*	1.18	*0.05*	791	**7.4**	*0.31*	0.82	*0.04*
Spain, Canary Islands	592	**13.5**	*0.58*	1.49	*0.07*	475	**9.0**	*0.44*	1.01	*0.06*
Spain, Ciudad Real	96	**6.5**	*0.72*	0.70	*0.08*	94	**4.6**	*0.58*	0.54	*0.07*
Spain, Cuenca	85	**8.1**	*1.07*	0.88	*0.12*	51	**5.2**	*0.90*	0.58	*0.10*
Spain, Girona	304	**12.3**	*0.77*	1.36	*0.09*	236	**8.5**	*0.64*	0.97	*0.08*
*Spain, Granada	283	**9.0**	*0.57*	1.01	*0.07*	226	**6.3**	*0.49*	0.69	*0.06*
Spain, La Rioja	103	**8.4**	*0.99*	0.83	*0.10*	77	**5.1**	*0.67*	0.61	*0.09*
Spain, Mallorca	279	**10.4**	*0.67*	1.06	*0.08*	255	**7.8**	*0.56*	0.85	*0.07*
Spain, Murcia	473	**10.3**	*0.50*	1.13	*0.06*	366	**7.2**	*0.42*	0.78	*0.05*
Spain, Navarra	231	**10.5**	*0.76*	1.08	*0.08*	218	**7.7**	*0.60*	0.87	*0.07*
Spain, Tarragona	302	**11.7**	*0.75*	1.25	*0.08*	228	**8.0**	*0.62*	0.85	*0.07*
*Sweden	3953	**9.9**	*0.17*	1.10	*0.02*	3243	**7.0**	*0.15*	0.78	*0.02*
Switzerland, Basel	212	**11.5**	*0.90*	1.27	*0.11*	214	**8.9**	*0.79*	0.90	*0.08*
Switzerland, Geneva	212	**13.5**	*0.99*	1.37	*0.12*	169	**8.2**	*0.71*	0.98	*0.10*
Switzerland, Graubünden and Glarus	98	**10.8**	*1.25*	1.19	*0.15*	105	**9.8**	*1.10*	1.07	*0.13*
Switzerland, Neuchâtel	72	**11.5**	*1.47*	1.26	*0.18*	64	**7.4**	*1.06*	0.84	*0.14*
Switzerland, St Gall−Appenzell	240	**11.8**	*0.80*	1.32	*0.10*	219	**8.6**	*0.65*	1.01	*0.09*
Switzerland, Ticino	211	**14.3**	*1.05*	1.58	*0.14*	212	**10.8**	*0.89*	1.27	*0.12*
Switzerland, Valais	134	**12.2**	*1.16*	1.27	*0.13*	124	**8.7**	*0.86*	1.00	*0.11*
Switzerland, Vaud	314	**12.7**	*0.76*	1.43	*0.10*	285	**9.2**	*0.61*	1.04	*0.08*
Switzerland, Zurich	620	**12.1**	*0.52*	1.31	*0.07*	584	**9.8**	*0.47*	1.06	*0.06*
Ukraine	5479	**4.0**	*0.06*	0.42	*0.01*	4752	**2.4**	*0.04*	0.26	*0.00*
UK, England	23107	**11.6**	*0.08*	1.28	*0.01*	20013	**8.2**	*0.07*	0.95	*0.01*
UK, England, East of England Region	2556	**11.1**	*0.24*	1.26	*0.03*	2250	**8.2**	*0.20*	0.94	*0.03*
UK, England, North Western	2822	**11.0**	*0.22*	1.24	*0.03*	2387	**7.6**	*0.18*	0.87	*0.02*
UK, England, Northern and Yorkshire	2729	**10.1**	*0.21*	1.12	*0.03*	2533	**7.8**	*0.17*	0.91	*0.02*
UK, England, Oxford Region	1268	**12.2**	*0.36*	1.37	*0.05*	1079	**8.7**	*0.29*	1.00	*0.04*
UK, England, South and Western Regions	4159	**13.6**	*0.23*	1.49	*0.03*	3436	**9.2**	*0.18*	1.08	*0.02*
UK, England, Thames	4817	**11.6**	*0.18*	1.28	*0.02*	4213	**8.3**	*0.14*	0.94	*0.02*
UK, England, Trent	1545	**12.6**	*0.34*	1.43	*0.04*	1271	**8.7**	*0.28*	1.03	*0.04*
UK, England, West Midlands	2338	**10.8**	*0.24*	1.20	*0.03*	2003	**7.6**	*0.19*	0.86	*0.02*
UK, Northern Ireland	641	**10.7**	*0.44*	1.25	*0.06*	671	**8.9**	*0.38*	1.02	*0.05*
UK, Scotland	2327	**11.5**	*0.25*	1.28	*0.03*	2254	**8.7**	*0.21*	1.00	*0.03*
UK, Wales	1484	**12.0**	*0.34*	1.38	*0.04*	1280	**8.2**	*0.27*	0.95	*0.03*
Oceania										
Australian Capital Territory	139	**14.7**	*1.28*	1.69	*0.17*	100	**8.5**	*0.92*	0.96	*0.13*
Australia, New South Wales	3639	**14.5**	*0.25*	1.65	*0.03*	2936	**10.1**	*0.21*	1.13	*0.03*
Australia, Northern Territory	62	**12.4**	*1.66*	1.50	*0.26*	33	**7.1**	*1.29*	0.60	*0.15*
Australia, Northern Territory: Indigenous	8	**7.9**	*3.43*	0.82	*0.59*	10	**9.3**	*3.04*	1.08	*0.45*
Australia, Northern Territory: Non−Indigenous	54	**12.7**	*1.81*	1.58	*0.28*	23	**6.3**	*1.39*	0.43	*0.11*
Australia, Queensland	1969	**13.9**	*0.33*	1.53	*0.04*	1596	**10.0**	*0.27*	1.13	*0.04*
South Australia	974	**15.9**	*0.55*	1.69	*0.07*	861	**11.9**	*0.46*	1.35	*0.06*
Australia, Tasmania	282	**15.2**	*0.96*	1.77	*0.13*	212	**9.4**	*0.71*	1.07	*0.10*
Australia, Victoria	2892	**15.7**	*0.31*	1.75	*0.04*	2293	**10.6**	*0.24*	1.18	*0.03*
Western Australia	926	**13.0**	*0.44*	1.44	*0.06*	833	**10.6**	*0.39*	1.18	*0.05*
New Zealand	1837	**13.1**	*0.32*	1.46	*0.04*	1506	**9.2**	*0.26*	1.07	*0.04*
New Zealand: Maori	124	**11.6**	*1.13*	1.30	*0.15*	96	**8.2**	*0.87*	1.02	*0.13*
New Zealand: Pacific Islander	50	**11.3**	*1.77*	1.27	*0.25*	55	**10.6**	*1.46*	1.08	*0.19*
New Zealand: Other	1663	**13.4**	*0.35*	1.49	*0.04*	1355	**9.3**	*0.28*	1.08	*0.04*
USA, Hawaii	629	**12.6**	*0.54*	1.38	*0.07*	467	**8.4**	*0.44*	0.99	*0.06*
*USA, Hawaii: Chinese	53	**17.0**	*2.65*	1.85	*0.36*	39	**8.8**	*1.68*	0.93	*0.23*
*USA, Hawaii: Filipino	94	**14.2**	*1.64*	1.61	*0.23*	72	**10.4**	*1.31*	1.29	*0.19*
*USA, Hawaii: Hawaiian	72	**11.2**	*1.37*	1.36	*0.21*	58	**7.0**	*0.97*	0.88	*0.14*
*USA, Hawaii: Japanese	147	**9.4**	*0.90*	0.92	*0.12*	134	**7.3**	*0.79*	0.88	*0.11*
*USA, Hawaii: White	214	**16.4**	*1.18*	1.87	*0.17*	121	**9.4**	*0.98*	1.12	*0.14*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Immunoproliferative diseases (C88)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	0	-	-	–	-	0	-	-	–	-
Egypt, Gharbiah	3	**0.0**	*0.02*	0.00	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
*Libya, Benghazi	0	-	-	–	-	0	-	-	–	-
*Malawi, Blantyre	0	-	-	–	-	0	-	-	–	-
*South Africa, PROMEC	0	-	-	–	-	0	-	-	–	-
*Tunisia, North	0	-	-	–	-	3	**0.0**	*0.02*	0.00	*0.00*
*Uganda, Kyadondo County	0	-	-	–	-	1	**0.0**	*0.01*	0.00	*0.00*
*Zimbabwe, Harare: African	0	-	-	–	-	0	-	-	–	-
America, Central and South										
Argentina, Bahía Blanca	0	-	-	–	-	0	-	-	–	-
Argentina, Córdoba	0	-	-	–	-	0	-	-	–	-
Argentina, Mendoza	0	-	-	–	-	8	**0.1**	*0.05*	0.02	*0.01*
*Argentina, Tierra del Fuego	0	-	-	–	-	0	-	-	–	-
Brazil, Aracaju	0	-	-	–	-	0	-	-	–	-
Brazil, Belo Horizonte	1	**0.0**	*0.05*	0.01	*0.01*	1	**0.0**	*0.02*	–	-
Brazil, Cuiabá	0	-	-	–	-	1	**0.1**	*0.10*	0.01	*0.01*
Brazil, Fortaleza	0	-	-	–	-	0	-	-	–	-
Brazil, Goiânia	1	**0.1**	*0.06*	0.01	*0.01*	0	-	-	–	-
*Brazil, São Paulo	9	**0.0**	*0.01*	0.00	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
Chile, Region of Antofagasta	0	-	-	–	-	0	-	-	–	-
Chile, Bío Bío Province	0	-	-	–	-	1	**0.1**	*0.06*	–	-
Chile, Valdivia	2	**0.2**	*0.12*	0.01	*0.01*	0	-	-	–	-
Colombia, Bucaramanga	0	-	-	–	-	0	-	-	–	-
Colombia, Cali	2	**0.1**	*0.04*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
Colombia, Manizales	0	-	-	–	-	0	-	-	–	-
Colombia, Pasto	0	-	-	–	-	0	-	-	–	-
Costa Rica	0	-	-	–	-	1	**0.0**	*0.01*	–	-
Cuba, Villa Clara	0	-	-	–	-	2	**0.1**	*0.07*	0.01	*0.01*
Ecuador, Cuenca	0	-	-	–	-	0	-	-	–	-
Ecuador, Quito	0	-	-	–	-	0	-	-	–	-
*France, Martinique	4	**0.2**	*0.10*	0.02	*0.02*	2	**0.0**	*0.03*	–	-
*Jamaica, Kingston and St Andrew	0	-	-	–	-	0	-	-	–	-
USA, Puerto Rico	6	**0.0**	*0.02*	0.01	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
Uruguay	3	**0.0**	*0.03*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
America, North										
Canada	379	**0.3**	*0.01*	0.03	*0.00*	219	**0.1**	*0.01*	0.02	*0.00*
Canada, Alberta	43	**0.4**	*0.06*	0.04	*0.01*	28	**0.2**	*0.05*	0.03	*0.01*
Canada, British Columbia	7	**0.0**	*0.01*	0.00	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
Canada, Manitoba	27	**0.5**	*0.11*	0.05	*0.01*	16	**0.2**	*0.07*	0.02	*0.01*
Canada, New Brunswick	2	**0.1**	*0.05*	0.01	*0.01*	6	**0.2**	*0.08*	0.02	*0.01*
Canada, Newfoundland and Labrador	4	**0.2**	*0.10*	0.03	*0.02*	6	**0.2**	*0.11*	0.02	*0.01*
*Canada, Northwest Territories	0	-	-	–	-	0	-	-	–	-
Canada, Nova Scotia	12	**0.3**	*0.09*	0.04	*0.02*	6	**0.1**	*0.05*	0.01	*0.01*
Canada, Ontario	79	**0.1**	*0.02*	0.01	*0.00*	35	**0.1**	*0.01*	0.01	*0.00*
Canada, Prince Edward Island	5	**0.9**	*0.40*	0.16	*0.08*	5	**0.6**	*0.30*	0.06	*0.04*
*Canada, Quebec	181	**0.5**	*0.04*	0.06	*0.01*	94	**0.2**	*0.02*	0.02	*0.00*
Canada, Saskatchewan	19	**0.4**	*0.09*	0.05	*0.02*	15	**0.3**	*0.09*	0.03	*0.01*
*Canada, Yukon	0	-	-	–	-	0	-	-	–	-
USA, NPCR (42 states)	2597	**0.3**	*0.01*	0.03	*0.00*	1837	**0.1**	*0.00*	0.02	*0.00*
USA, NPCR (42 states): American Indian	5	**0.1**	*0.04*	0.00	*0.00*	5	**0.1**	*0.03*	0.01	*0.00*
USA, NPCR (42 states): Asian and Pacific Islander	33	**0.1**	*0.02*	0.01	*0.00*	23	**0.1**	*0.01*	0.01	*0.00*
USA, NPCR (42 states): Black	113	**0.1**	*0.01*	0.01	*0.00*	92	**0.1**	*0.01*	0.01	*0.00*
USA, NPCR (42 states): White	2395	**0.3**	*0.01*	0.03	*0.00*	1682	**0.2**	*0.00*	0.02	*0.00*
USA, SEER (9 registries)	342	**0.3**	*0.02*	0.03	*0.00*	234	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (9 registries): Black	16	**0.2**	*0.05*	0.02	*0.01*	12	**0.1**	*0.04*	0.01	*0.00*
*USA, SEER (9 registries): White	304	**0.3**	*0.02*	0.04	*0.00*	208	**0.2**	*0.02*	0.03	*0.00*
USA, SEER (18 registries)	808	**0.3**	*0.01*	0.03	*0.00*	540	**0.1**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	29	**0.1**	*0.03*	0.02	*0.00*	20	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Black	39	**0.2**	*0.03*	0.01	*0.00*	25	**0.1**	*0.02*	0.01	*0.00*
*USA, SEER (18 registries): Hispanic White	33	**0.1**	*0.02*	0.01	*0.00*	29	**0.1**	*0.01*	0.01	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	686	**0.3**	*0.01*	0.03	*0.00*	451	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): White	719	**0.3**	*0.01*	0.03	*0.00*	480	**0.2**	*0.01*	0.02	*0.00*
USA, Alabama	18	**0.1**	*0.02*	0.01	*0.00*	10	**0.1**	*0.02*	0.01	*0.00*
USA, Alabama: Black	0	-	-	–	-	0	-	-	–	-
USA, Alabama: White	18	**0.1**	*0.03*	0.01	*0.00*	10	**0.1**	*0.02*	0.01	*0.00*
USA, Alaska	7	**0.4**	*0.16*	0.05	*0.02*	1	**0.1**	*0.07*	0.02	*0.02*
*USA, Alaska: American Indian	0	-	-	–	-	0	-	-	–	-
USA, Arizona	33	**0.1**	*0.03*	0.02	*0.00*	27	**0.1**	*0.02*	0.01	*0.00*
USA, Arizona: American Indian	0	-	-	–	-	0	-	-	–	-
USA, Arizona: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Arizona: Black	0	-	-	–	-	1	**0.2**	*0.17*	0.01	*0.01*
USA, Arizona: White	33	**0.2**	*0.03*	0.02	*0.00*	26	**0.1**	*0.03*	0.01	*0.00*
USA, Arkansas	15	**0.1**	*0.04*	0.01	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
USA, Arkansas: Black	0	-	-	–	-	0	-	-	–	-
USA, Arkansas: White	15	**0.2**	*0.04*	0.02	*0.01*	13	**0.1**	*0.04*	0.02	*0.01*
USA, California	343	**0.3**	*0.02*	0.03	*0.00*	221	**0.1**	*0.01*	0.02	*0.00*
USA, California: American Indian	1	**0.1**	*0.11*	0.01	*0.01*	1	**0.1**	*0.06*	–	-
USA, California: Asian and Pacific Islander	17	**0.1**	*0.03*	0.02	*0.01*	11	**0.1**	*0.02*	0.01	*0.00*
USA, California: Black	13	**0.2**	*0.05*	0.02	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
USA, California: White	300	**0.3**	*0.02*	0.03	*0.00*	193	**0.2**	*0.01*	0.02	*0.00*
USA, California, Los Angeles County	71	**0.2**	*0.03*	0.03	*0.00*	52	**0.1**	*0.02*	0.02	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	1	**0.0**	*0.02*	–	-	3	**0.1**	*0.03*	0.01	*0.00*
*USA, California, Los Angeles County: Black	6	**0.2**	*0.09*	0.03	*0.01*	0	-	-	–	-
*USA, California, Los Angeles County: Chinese	0	-	-	–	-	0	-	-	–	-
*USA, California, Los Angeles County: Filipino	1	**0.1**	*0.07*	–	-	2	**0.2**	*0.14*	0.02	*0.02*
*USA, California, Los Angeles County: Hispanic White	6	**0.1**	*0.03*	0.00	*0.00*	8	**0.1**	*0.02*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Immunoproliferative diseases (C88) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	0	-	-	–	-	1	**0.1**	*0.08*	–	-
*USA, California, Los Angeles County: Korean	0	-	-	–	-	0	-	-	–	-
*USA, California, Los Angeles County: Non–Hispanic White	54	**0.4**	*0.05*	0.05	*0.01*	37	**0.2**	*0.04*	0.03	*0.01*
*USA, California, Los Angeles County: White	60	**0.3**	*0.04*	0.03	*0.01*	45	**0.2**	*0.03*	0.02	*0.00*
USA, California, San Francisco Bay Area	49	**0.3**	*0.05*	0.03	*0.01*	32	**0.2**	*0.03*	0.02	*0.00*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	5	**0.2**	*0.09*	0.03	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Black	1	**0.0**	*0.04*	–	-	2	**0.1**	*0.10*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Hispanic White	1	**0.1**	*0.09*	0.02	*0.02*	1	**0.0**	*0.04*	–	-
*USA, California, San Francisco Bay Area: Non–Hispanic White	40	**0.4**	*0.07*	0.04	*0.01*	23	**0.2**	*0.05*	0.02	*0.01*
*USA, California, San Francisco Bay Area: White	41	**0.4**	*0.06*	0.04	*0.01*	24	**0.2**	*0.04*	0.02	*0.01*
USA, Colorado	42	**0.3**	*0.04*	0.03	*0.01*	38	**0.2**	*0.04*	0.03	*0.01*
USA, Colorado: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Colorado: Black	0	-	-	–	-	0	-	-	–	-
USA, Colorado: White	40	**0.3**	*0.05*	0.03	*0.01*	37	**0.2**	*0.04*	0.03	*0.01*
USA, Connecticut	55	**0.4**	*0.06*	0.04	*0.01*	38	**0.2**	*0.04*	0.03	*0.01*
*USA, Connecticut: Black	3	**0.3**	*0.19*	0.03	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
*USA, Connecticut: White	51	**0.4**	*0.06*	0.04	*0.01*	36	**0.2**	*0.04*	0.03	*0.01*
USA, Delaware	7	**0.2**	*0.09*	0.03	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
USA, Delaware: Black	1	**0.2**	*0.20*	–	-	0	-	-	–	-
USA, Delaware: White	6	**0.2**	*0.10*	0.04	*0.02*	1	**0.0**	*0.04*	0.00	*0.00*
USA, Florida	203	**0.2**	*0.02*	0.03	*0.00*	140	**0.1**	*0.01*	0.02	*0.00*
USA, Florida: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Florida: Black	6	**0.1**	*0.04*	0.00	*0.00*	6	**0.1**	*0.03*	0.01	*0.00*
USA, Florida: White	193	**0.2**	*0.02*	0.03	*0.00*	133	**0.1**	*0.02*	0.02	*0.00*
USA, Georgia	33	**0.1**	*0.02*	0.01	*0.00*	36	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Georgia: Black	6	**0.1**	*0.04*	0.01	*0.00*	7	**0.1**	*0.04*	0.02	*0.01*
USA, Georgia: White	27	**0.1**	*0.03*	0.01	*0.00*	29	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia, Atlanta	15	**0.2**	*0.05*	0.02	*0.01*	13	**0.1**	*0.04*	0.02	*0.01*
*USA, Georgia, Atlanta: Black	2	**0.1**	*0.06*	0.00	*0.00*	3	**0.1**	*0.06*	0.02	*0.01*
*USA, Georgia, Atlanta: White	13	**0.2**	*0.07*	0.03	*0.01*	10	**0.1**	*0.05*	0.02	*0.01*
USA, Idaho	23	**0.4**	*0.09*	0.05	*0.02*	8	**0.2**	*0.06*	0.02	*0.01*
USA, Illinois	137	**0.3**	*0.03*	0.03	*0.00*	96	**0.2**	*0.02*	0.02	*0.00*
USA, Illinois: Asian and Pacific Islander	2	**0.1**	*0.11*	0.01	*0.01*	1	**0.1**	*0.08*	0.01	*0.01*
USA, Illinois: Black	8	**0.2**	*0.06*	0.02	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
USA, Illinois: White	124	**0.3**	*0.03*	0.04	*0.00*	87	**0.2**	*0.02*	0.02	*0.00*
USA, Indiana	53	**0.2**	*0.03*	0.03	*0.00*	41	**0.1**	*0.02*	0.02	*0.00*
USA, Indiana: Black	2	**0.2**	*0.11*	0.03	*0.02*	3	**0.2**	*0.11*	0.02	*0.01*
USA, Indiana: White	50	**0.2**	*0.03*	0.03	*0.01*	37	**0.1**	*0.02*	0.02	*0.00*
USA, Iowa	53	**0.4**	*0.06*	0.04	*0.01*	35	**0.2**	*0.04*	0.02	*0.01*
USA, Kentucky	33	**0.2**	*0.04*	0.02	*0.00*	14	**0.1**	*0.02*	0.01	*0.00*
USA, Louisiana	24	**0.2**	*0.04*	0.02	*0.01*	12	**0.1**	*0.02*	0.01	*0.00*
*USA, Louisiana: Black	2	**0.1**	*0.05*	0.01	*0.00*	2	**0.0**	*0.03*	0.00	*0.00*
*USA, Louisiana: White	20	**0.2**	*0.05*	0.03	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
*USA, Louisiana, New Orleans	5	**0.2**	*0.08*	0.02	*0.01*	4	**0.1**	*0.07*	0.02	*0.01*
*USA, Louisiana, New Orleans: Black	0	-	-	–	-	0	-	-	–	-
*USA, Louisiana, New Orleans: White	5	**0.3**	*0.12*	0.03	*0.02*	3	**0.1**	*0.09*	0.01	*0.01*
USA, Maine	19	**0.3**	*0.08*	0.04	*0.01*	20	**0.2**	*0.05*	0.02	*0.01*
USA, Massachusetts	153	**0.6**	*0.05*	0.08	*0.01*	91	**0.3**	*0.03*	0.03	*0.00*
USA, Massachusetts: Asian and Pacific Islander	0	-	-	–	-	1	**0.2**	*0.18*	0.03	*0.03*
USA, Massachusetts: Black	5	**0.5**	*0.25*	0.09	*0.05*	1	**0.1**	*0.06*	–	-
USA, Massachusetts: White	146	**0.6**	*0.06*	0.08	*0.01*	88	**0.3**	*0.03*	0.03	*0.00*
USA, Michigan	121	**0.3**	*0.03*	0.03	*0.00*	65	**0.1**	*0.02*	0.02	*0.00*
USA, Michigan: Asian and Pacific Islander	1	**0.2**	*0.18*	0.02	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
USA, Michigan: Black	10	**0.3**	*0.09*	0.03	*0.01*	5	**0.1**	*0.05*	0.02	*0.01*
USA, Michigan: White	104	**0.3**	*0.03*	0.03	*0.00*	58	**0.1**	*0.02*	0.02	*0.00*
USA, Michigan, Detroit	61	**0.4**	*0.05*	0.04	*0.01*	29	**0.2**	*0.04*	0.02	*0.01*
*USA, Michigan, Detroit: Black	9	**0.3**	*0.12*	0.03	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
*USA, Michigan, Detroit: White	48	**0.4**	*0.06*	0.04	*0.01*	24	**0.2**	*0.04*	0.03	*0.01*
USA, Mississippi	11	**0.1**	*0.04*	0.02	*0.01*	7	**0.1**	*0.02*	0.01	*0.00*
USA, Missouri	61	**0.2**	*0.03*	0.02	*0.00*	52	**0.2**	*0.03*	0.02	*0.00*
USA, Missouri: Black	2	**0.2**	*0.11*	0.03	*0.02*	4	**0.2**	*0.08*	0.01	*0.01*
USA, Missouri: White	58	**0.2**	*0.03*	0.02	*0.01*	47	**0.2**	*0.03*	0.03	*0.00*
USA, Montana	9	**0.2**	*0.08*	0.03	*0.01*	3	**0.0**	*0.03*	0.00	*0.00*
USA, Montana: American Indian	0	-	-	–	-	0	-	-	–	-
USA, Nebraska	16	**0.3**	*0.07*	0.03	*0.01*	19	**0.2**	*0.05*	0.02	*0.01*
USA, Nebraska: Black	1	**0.8**	*0.84*	0.11	*0.11*	0	-	-	–	-
USA, Nebraska: White	15	**0.2**	*0.07*	0.03	*0.01*	17	**0.1**	*0.04*	0.01	*0.01*
USA, New Hampshire	41	**0.8**	*0.13*	0.10	*0.02*	28	**0.5**	*0.10*	0.06	*0.02*
USA, New Jersey	98	**0.3**	*0.03*	0.03	*0.00*	67	**0.2**	*0.02*	0.02	*0.00*
*USA, New Jersey: Black	5	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
*USA, New Jersey: White	90	**0.3**	*0.03*	0.03	*0.01*	61	**0.2**	*0.03*	0.02	*0.00*
USA, New Mexico	12	**0.1**	*0.04*	0.01	*0.01*	9	**0.1**	*0.04*	0.01	*0.00*
*USA, New Mexico: Hispanic White	2	**0.1**	*0.04*	–	-	1	**0.0**	*0.03*	–	-
*USA, New Mexico: Non–Hispanic White	10	**0.2**	*0.07*	0.02	*0.01*	8	**0.2**	*0.07*	0.02	*0.01*
*USA, New Mexico: White	12	**0.2**	*0.05*	0.01	*0.01*	9	**0.1**	*0.04*	0.01	*0.00*
USA, New York State	283	**0.4**	*0.02*	0.05	*0.00*	195	**0.2**	*0.02*	0.02	*0.00*
USA, New York State: Asian and Pacific Islander	2	**0.0**	*0.03*	0.00	*0.00*	4	**0.1**	*0.04*	0.00	*0.00*
USA, New York State: Black	18	**0.2**	*0.05*	0.02	*0.01*	11	**0.1**	*0.02*	0.01	*0.00*
USA, New York State: White	258	**0.4**	*0.03*	0.05	*0.00*	176	**0.2**	*0.02*	0.02	*0.00*
USA, North Carolina	57	**0.2**	*0.02*	0.02	*0.00*	37	**0.1**	*0.01*	0.01	*0.00*
USA, North Carolina: American Indian	0	-	-	–	-	0	-	-	–	-
USA, North Carolina: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, North Carolina: Black	5	**0.1**	*0.05*	0.01	*0.00*	3	**0.1**	*0.03*	0.01	*0.01*
USA, North Carolina: White	52	**0.2**	*0.03*	0.02	*0.00*	34	**0.1**	*0.02*	0.01	*0.00*
USA, North Dakota	10	**0.3**	*0.11*	0.03	*0.02*	8	**0.2**	*0.08*	0.02	*0.01*
USA, Ohio	97	**0.2**	*0.02*	0.03	*0.00*	79	**0.1**	*0.02*	0.02	*0.00*
USA, Ohio: Asian and Pacific Islander	0	-	-	–	-	0	-	-	–	-
USA, Ohio: Black	3	**0.1**	*0.05*	0.01	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
USA, Ohio: White	92	**0.2**	*0.02*	0.03	*0.00*	73	**0.1**	*0.02*	0.02	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Immunoproliferative diseases (C88) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	28	**0.2**	*0.04*	0.02	*0.01*	23	**0.1**	*0.03*	0.02	*0.01*
USA, Oklahoma: American Indian	0	**-**	-	–	-	1	**0.1**	*0.14*	0.02	*0.02*
USA, Oklahoma: Black	0	**-**	-	–	-	3	**0.3**	*0.19*	0.05	*0.04*
USA, Oklahoma: White	27	**0.2**	*0.05*	0.03	*0.01*	18	**0.1**	*0.04*	0.02	*0.00*
USA, Oregon	39	**0.3**	*0.04*	0.03	*0.01*	24	**0.1**	*0.03*	0.02	*0.00*
USA, Oregon: Asian and Pacific Islander	1	**0.4**	*0.41*	0.07	*0.07*	0	**-**	-	–	-
USA, Oregon: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Oregon: White	37	**0.3**	*0.04*	0.03	*0.01*	24	**0.1**	*0.03*	0.02	*0.01*
USA, Pennsylvania	139	**0.3**	*0.02*	0.03	*0.00*	134	**0.2**	*0.02*	0.02	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Pennsylvania: Black	6	**0.2**	*0.07*	0.02	*0.01*	11	**0.3**	*0.08*	0.04	*0.01*
USA, Pennsylvania: White	132	**0.3**	*0.03*	0.03	*0.00*	122	**0.2**	*0.02*	0.02	*0.00*
USA, Rhode Island	18	**0.4**	*0.11*	0.06	*0.02*	10	**0.2**	*0.07*	0.02	*0.01*
USA, Rhode Island: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Rhode Island: White	18	**0.5**	*0.12*	0.06	*0.02*	10	**0.2**	*0.08*	0.03	*0.01*
USA, South Carolina	17	**0.1**	*0.03*	0.01	*0.00*	18	**0.1**	*0.02*	0.01	*0.00*
USA, South Carolina: Black	1	**0.0**	*0.04*	0.00	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
USA, South Carolina: White	16	**0.1**	*0.03*	0.02	*0.01*	17	**0.1**	*0.03*	0.01	*0.00*
USA, South Dakota	8	**0.3**	*0.10*	0.05	*0.02*	6	**0.2**	*0.09*	0.02	*0.01*
USA, Tennessee	28	**0.1**	*0.02*	0.01	*0.00*	19	**0.1**	*0.02*	0.01	*0.00*
USA, Tennessee: Black	4	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	–	-
USA, Tennessee: White	23	**0.1**	*0.02*	0.01	*0.00*	18	**0.1**	*0.02*	0.01	*0.00*
USA, Texas	188	**0.3**	*0.02*	0.03	*0.00*	123	**0.1**	*0.01*	0.02	*0.00*
USA, Texas: Asian and Pacific Islander	1	**0.1**	*0.06*	–	-	2	**0.1**	*0.08*	0.01	*0.01*
USA, Texas: Black	9	**0.1**	*0.05*	0.01	*0.00*	6	**0.1**	*0.03*	0.01	*0.00*
USA, Texas: White	173	**0.3**	*0.02*	0.03	*0.00*	113	**0.1**	*0.02*	0.02	*0.00*
USA, Utah	11	**0.1**	*0.05*	0.02	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
USA, Vermont	11	**0.5**	*0.14*	0.07	*0.02*	5	**0.2**	*0.08*	0.02	*0.01*
USA, Virginia	50	**0.2**	*0.03*	0.01	*0.00*	31	**0.1**	*0.02*	0.01	*0.00*
USA, Virginia: Asian and Pacific Islander	1	**0.1**	*0.13*	0.02	*0.02*	0	**-**	-	–	-
USA, Virginia: Black	3	**0.1**	*0.04*	0.01	*0.01*	3	**0.1**	*0.04*	0.01	*0.00*
USA, Virginia: White	44	**0.2**	*0.03*	0.01	*0.00*	27	**0.1**	*0.02*	0.01	*0.00*
USA, Washington State	79	**0.3**	*0.04*	0.03	*0.01*	75	**0.3**	*0.03*	0.03	*0.01*
USA, Washington, Seattle	69	**0.4**	*0.05*	0.04	*0.01*	61	**0.3**	*0.04*	0.03	*0.01*
USA, West Virginia	17	**0.3**	*0.06*	0.04	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
USA, Wisconsin	68	**0.3**	*0.04*	0.04	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
USA, Wisconsin: Black	1	**0.1**	*0.14*	0.02	*0.02*	1	**0.2**	*0.17*	0.02	*0.02*
USA, Wisconsin: White	65	**0.3**	*0.04*	0.04	*0.01*	45	**0.2**	*0.03*	0.02	*0.00*
USA, Wyoming	2	**0.1**	*0.05*	–	-	2	**0.2**	*0.12*	0.01	*0.01*
Asia										
Bahrain: Bahraini	1	**0.1**	*0.13*	–	-	0	**-**	-	–	-
China, Beijing City	26	**0.1**	*0.02*	0.01	*0.00*	12	**0.0**	*0.01*	0.01	*0.00*
*China, Cixian County	0	**-**	-	–	-	0	**-**	-	–	-
China, Haining County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Harbin City, Nangang District	0	**-**	-	–	-	0	**-**	-	–	-
China, Hong Kong	21	**0.1**	*0.02*	0.01	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
China, Jiashan County	0	**-**	-	–	-	0	**-**	-	–	-
China, Jiaxing City	0	**-**	-	–	-	0	**-**	-	–	-
China, Macao	0	**-**	-	–	-	0	**-**	-	–	-
China, Qidong County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Shanghai City	10	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
*China, Wuhan City	1	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
*China, Yangcheng County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yanting County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Zhongshan City	1	**0.1**	*0.06*	–	-	1	**0.0**	*0.04*	0.01	*0.01*
*India, Bangalore	0	**-**	-	–	-	0	**-**	-	–	-
*India; Barshi, Paranda, and Bhum	0	**-**	-	–	-	0	**-**	-	–	-
*India, Bhopal	0	**-**	-	–	-	0	**-**	-	–	-
*India, Chennai	0	**-**	-	–	-	2	**0.0**	*0.02*	0.00	*0.00*
*India, Dindigul, Ambilikkai	0	**-**	-	–	-	0	**-**	-	–	-
*India, Karunagappally	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mizoram	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mumbai	0	**-**	-	–	-	0	**-**	-	–	-
*India, New Delhi	1	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	–	-
*India, Poona	0	**-**	-	–	-	0	**-**	-	–	-
*India, Sikkim State	0	**-**	-	–	-	0	**-**	-	–	-
*India, Trivandrum	0	**-**	-	–	-	0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province	0	**-**	-	–	-	0	**-**	-	–	-
Israel	21	**0.1**	*0.03*	0.01	*0.00*	12	**0.0**	*0.01*	0.00	*0.00*
*Israel: Jews	19	**0.1**	*0.03*	0.01	*0.00*	12	**0.0**	*0.02*	0.00	*0.00*
*Israel: Non–Jews	2	**0.1**	*0.09*	0.01	*0.01*	0	**-**	-	–	-
Japan, Aichi Prefecture	6	**0.1**	*0.04*	0.01	*0.01*	3	**0.0**	*0.01*	–	-
Japan, Fukui Prefecture	1	**0.0**	*0.01*	–	-	2	**0.0**	*0.03*	0.01	*0.01*
Japan, Hiroshima	8	**0.1**	*0.05*	0.01	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Japan, Miyagi Prefecture	13	**0.1**	*0.03*	0.01	*0.00*	5	**0.0**	*0.02*	0.00	*0.00*
Japan, Nagasaki Prefecture	12	**0.1**	*0.04*	0.02	*0.01*	11	**0.1**	*0.04*	0.01	*0.00*
Japan, Niigata Prefecture	16	**0.1**	*0.02*	0.01	*0.00*	7	**0.0**	*0.02*	0.00	*0.00*
*Japan, Osaka Prefecture	37	**0.1**	*0.01*	0.01	*0.00*	24	**0.0**	*0.01*	0.00	*0.00*
Japan, Saga Prefecture	8	**0.2**	*0.06*	0.02	*0.01*	1	**0.0**	*0.01*	–	-
Republic of Korea	49	**0.0**	*0.01*	0.00	*0.00*	7	**0.0**	*0.00*	0.00	*0.00*
Republic of Korea, Busan	3	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
Republic of Korea, Daegu	2	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
Republic of Korea, Daejeon	4	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	–	-
Republic of Korea, Gwangju	1	**0.0**	*0.03*	0.01	*0.01*	0	**-**	-	–	-
Republic of Korea, Incheon	3	**0.1**	*0.03*	0.01	*0.00*	0	**-**	-	–	-
Republic of Korea, Jejudo	0	**-**	-	–	-	0	**-**	-	–	-
Republic of Korea, Seoul	10	**0.0**	*0.02*	0.01	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Republic of Korea, Ulsan	0	**-**	-	–	-	0	**-**	-	–	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Immunoproliferative diseases (C88) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	4	**0.1**	*0.08*	0.03	*0.02*	0	**-**	-	–	-
*Kuwait: Kuwaitis	2	**0.2**	*0.14*	0.04	*0.03*	0	**-**	-	–	-
*Kuwait: Non–Kuwaitis	2	**0.1**	*0.09*	0.02	*0.01*	0	**-**	-	–	-
*Malaysia, Penang	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Chinese	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	0	**-**	-	–	-	0	**-**	-	–	-
*Philippines, Manila	0	**-**	-	–	-	0	**-**	-	–	-
*Philippines, Rizal	0	**-**	-	–	-	0	**-**	-	–	-
Qatar: Qatari	0	**-**	-	–	-	0	**-**	-	–	-
*Saudi Arabia, Riyadh: Saudi	2	**0.0**	*0.03*	0.01	*0.00*	0	**-**	-	–	-
Singapore	1	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
Singapore: Chinese	0	**-**	-	–	-	1	**0.0**	*0.01*	0.00	*0.00*
Singapore: Indian	0	**-**	-	–	-	0	**-**	-	–	-
Singapore: Malay	1	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	–	-
Thailand, Bangkok	1	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
Thailand, Chiang Mai	0	**-**	-	–	-	1	**0.0**	*0.02*	0.00	*0.00*
Thailand, Chonburi	0	**-**	-	–	-	0	**-**	-	–	-
*Thailand, Khon Kaen	0	**-**	-	–	-	1	**0.0**	*0.02*	0.00	*0.00*
Thailand, Lampang	0	**-**	-	–	-	0	**-**	-	–	-
*Thailand, Songkhla	0	**-**	-	–	-	0	**-**	-	–	-
*Turkey, Antalya	0	**-**	-	–	-	1	**0.0**	*0.03*	0.01	*0.01*
*Turkey, Edirne	0	**-**	-	–	-	0	**-**	-	–	-
*Turkey, Izmir	3	**0.0**	*0.02*	0.00	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
*Turkey, Trabzon	1	**0.1**	*0.10*	0.02	*0.02*	1	**0.0**	*0.05*	–	-
Europe										
Austria	42	**0.1**	*0.02*	0.02	*0.00*	37	**0.1**	*0.01*	0.01	*0.00*
Austria, Tyrol	5	**0.2**	*0.08*	0.02	*0.01*	9	**0.2**	*0.08*	0.02	*0.01*
Austria, Vorarlberg	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
*Belarus	15	**0.0**	*0.01*	0.01	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
*Belgium	165	**0.4**	*0.04*	0.05	*0.00*	105	**0.2**	*0.03*	0.03	*0.00*
Bulgaria	14	**0.1**	*0.02*	0.00	*0.00*	12	**0.0**	*0.01*	0.00	*0.00*
Croatia	23	**0.1**	*0.03*	0.01	*0.00*	15	**0.1**	*0.02*	0.01	*0.00*
Cyprus	1	**0.0**	*0.04*	0.01	*0.01*	1	**0.0**	*0.02*	–	-
Czech Republic	38	**0.1**	*0.02*	0.01	*0.00*	35	**0.1**	*0.01*	0.01	*0.00*
Denmark	27	**0.1**	*0.02*	0.01	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
*Estonia	5	**0.1**	*0.04*	0.01	*0.01*	4	**0.0**	*0.03*	0.00	*0.00*
Finland	39	**0.2**	*0.03*	0.02	*0.00*	37	**0.1**	*0.02*	0.01	*0.00*
*France, Bas–Rhin	26	**0.6**	*0.12*	0.07	*0.02*	26	**0.5**	*0.11*	0.06	*0.02*
*France, Calvados	29	**1.0**	*0.19*	0.12	*0.03*	13	**0.3**	*0.11*	0.05	*0.02*
*France, Doubs	14	**0.7**	*0.19*	0.07	*0.02*	13	**0.5**	*0.16*	0.07	*0.02*
*France, Haut–Rhin	29	**1.0**	*0.19*	0.11	*0.03*	16	**0.5**	*0.14*	0.08	*0.02*
*France, Hérault	38	**0.7**	*0.13*	0.08	*0.02*	29	**0.5**	*0.10*	0.05	*0.01*
*France, Isère	39	**0.8**	*0.14*	0.09	*0.02*	29	**0.5**	*0.11*	0.07	*0.02*
*France, Loire–Atlantique	130	**2.5**	*0.23*	0.30	*0.04*	57	**0.8**	*0.12*	0.10	*0.02*
*France, Manche	38	**1.3**	*0.24*	0.14	*0.03*	22	**0.7**	*0.18*	0.11	*0.03*
*France, Somme	12	**0.5**	*0.15*	0.06	*0.02*	8	**0.2**	*0.10*	0.02	*0.01*
*France, Tarn	17	**0.7**	*0.19*	0.08	*0.03*	8	**0.3**	*0.14*	0.05	*0.02*
*France, Vendée	39	**1.1**	*0.19*	0.15	*0.03*	23	**0.6**	*0.15*	0.07	*0.02*
Germany, Brandenburg	10	**0.1**	*0.03*	0.01	*0.00*	8	**0.0**	*0.02*	0.01	*0.00*
Germany, Bremen	2	**0.1**	*0.05*	0.01	*0.01*	4	**0.1**	*0.07*	0.01	*0.01*
Germany, Free State of Saxony	20	**0.1**	*0.02*	0.01	*0.00*	17	**0.0**	*0.01*	0.00	*0.00*
Germany, Hamburg	23	**0.3**	*0.06*	0.03	*0.01*	20	**0.2**	*0.05*	0.03	*0.01*
Germany, Mecklenburg–Western Pomerania	10	**0.1**	*0.04*	0.01	*0.01*	8	**0.1**	*0.02*	0.01	*0.00*
Germany, Munich	22	**0.1**	*0.03*	0.01	*0.00*	27	**0.1**	*0.03*	0.02	*0.00*
Germany, North Rhine–Westphalia	10	**0.1**	*0.03*	0.01	*0.00*	7	**0.1**	*0.02*	0.01	*0.00*
Germany, Saarland	3	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.00*	–	-
Germany, Schleswig–Holstein	10	**0.1**	*0.02*	0.01	*0.00*	9	**0.1**	*0.02*	0.01	*0.00*
Iceland	10	**0.9**	*0.29*	0.11	*0.05*	7	**0.6**	*0.25*	0.09	*0.04*
Ireland	44	**0.3**	*0.04*	0.03	*0.01*	24	**0.1**	*0.03*	0.01	*0.00*
Italy, Biella	7	**0.8**	*0.34*	0.08	*0.04*	7	**0.3**	*0.16*	0.05	*0.03*
Italy, Brescia	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Catania and Messina	9	**0.2**	*0.07*	0.03	*0.01*	9	**0.1**	*0.06*	0.02	*0.01*
Italy, Catanzaro	4	**0.3**	*0.15*	0.04	*0.03*	6	**0.5**	*0.21*	0.06	*0.03*
Italy, Como	4	**0.2**	*0.08*	0.01	*0.01*	2	**0.0**	*0.02*	–	-
Italy, Ferrara	12	**0.4**	*0.15*	0.05	*0.02*	4	**0.1**	*0.08*	0.02	*0.01*
Italy, Florence and Prato	18	**0.4**	*0.11*	0.05	*0.02*	7	**0.1**	*0.05*	0.01	*0.01*
Italy, Friuli–Venezia Giulia	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Genoa	4	**0.1**	*0.04*	0.01	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Italy, Latina	0	**-**	-	–	-	2	**0.1**	*0.05*	0.02	*0.01*
Italy, Lecco	2	**0.2**	*0.11*	0.02	*0.01*	2	**0.0**	*0.03*	–	-
Italy, Lombardy, South	12	**0.5**	*0.16*	0.07	*0.02*	6	**0.3**	*0.12*	0.03	*0.01*
Italy, Mantua	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Milan	3	**0.0**	*0.03*	0.01	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
Italy, Modena	21	**0.5**	*0.11*	0.05	*0.02*	16	**0.4**	*0.11*	0.05	*0.02*
Italy, Naples	2	**0.1**	*0.07*	0.01	*0.01*	3	**0.2**	*0.09*	0.02	*0.01*
Italy, Nuoro	1	**0.1**	*0.12*	0.02	*0.02*	1	**0.0**	*0.03*	–	-
Italy, Palermo	5	**0.1**	*0.05*	0.01	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Italy, Parma	1	**0.1**	*0.06*	0.01	*0.01*	2	**0.0**	*0.02*	–	-
Italy, Ragusa	2	**0.1**	*0.05*	–	-	1	**0.1**	*0.05*	0.01	*0.01*
Italy, Reggio Emilia	6	**0.3**	*0.13*	0.04	*0.02*	6	**0.3**	*0.12*	0.03	*0.01*
Italy, Romagna	6	**0.1**	*0.03*	0.00	*0.00*	6	**0.0**	*0.02*	0.00	*0.00*
Italy, Salerno	4	**0.1**	*0.05*	0.02	*0.01*	4	**0.1**	*0.05*	0.01	*0.00*
Italy, Sassari	4	**0.2**	*0.09*	0.02	*0.01*	3	**0.1**	*0.08*	0.01	*0.01*
Italy, Sondrio	4	**0.4**	*0.22*	0.04	*0.03*	0	**-**	-	–	-
Italy, South Tyrol	8	**0.4**	*0.16*	0.04	*0.02*	4	**0.1**	*0.07*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Immunoproliferative diseases (C88) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	1	**0.1**	*0.08*	0.01	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Trapani	3	**0.2**	*0.12*	0.04	*0.02*	1	**0.0**	*0.02*	–	-
Italy, Trento	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Turin	6	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	–	-
Italy, Umbria	9	**0.2**	*0.07*	0.02	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Italy, Varese	6	**0.2**	*0.07*	0.02	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
Italy, Veneto	22	**0.2**	*0.05*	0.02	*0.01*	20	**0.1**	*0.02*	0.01	*0.00*
Latvia	9	**0.1**	*0.05*	0.02	*0.01*	8	**0.1**	*0.03*	0.01	*0.00*
Lithuania	19	**0.1**	*0.03*	0.01	*0.01*	17	**0.1**	*0.02*	0.01	*0.00*
Malta	0	**-**	-	–	-	1	**0.1**	*0.07*	0.01	*0.01*
*The Netherlands	328	**0.5**	*0.03*	0.06	*0.00*	204	**0.2**	*0.02*	0.03	*0.00*
*The Netherlands, Eindhoven	9	**0.2**	*0.07*	0.03	*0.01*	10	**0.2**	*0.07*	0.03	*0.01*
Norway	157	**0.8**	*0.07*	0.09	*0.01*	97	**0.4**	*0.05*	0.04	*0.01*
Poland, Cracow	0	**-**	-	–	-	0	**-**	-	–	-
Poland, Kielce	6	**0.1**	*0.05*	0.01	*0.01*	5	**0.1**	*0.03*	0.00	*0.00*
Poland, Lower Silesia	8	**0.1**	*0.03*	0.01	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Poland, Podkarpackie	4	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Portugal, Azores	1	**0.1**	*0.08*	–	-	0	**-**	-	–	-
Russian Federation, Saint Petersburg	9	**0.1**	*0.02*	0.01	*0.00*	11	**0.0**	*0.01*	0.01	*0.00*
*Serbia, Central	9	**0.0**	*0.01*	0.01	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
Slovakia	15	**0.1**	*0.02*	0.01	*0.00*	17	**0.1**	*0.02*	0.01	*0.00*
Slovenia	3	**0.0**	*0.02*	0.00	*0.00*	3	**0.0**	*0.02*	0.01	*0.00*
Spain, Albacete	6	**0.4**	*0.17*	0.04	*0.02*	2	**0.1**	*0.07*	0.01	*0.01*
Spain, Asturias	9	**0.2**	*0.06*	0.02	*0.01*	2	**0.0**	*0.02*	0.01	*0.00*
Spain, Basque Country	28	**0.3**	*0.05*	0.03	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
Spain, Canary Islands	13	**0.3**	*0.08*	0.03	*0.01*	7	**0.1**	*0.05*	0.01	*0.01*
Spain, Ciudad Real	3	**0.2**	*0.13*	0.02	*0.02*	0	**-**	-	–	-
Spain, Cuenca	5	**0.3**	*0.14*	0.02	*0.02*	4	**0.1**	*0.06*	–	-
Spain, Girona	5	**0.2**	*0.08*	0.02	*0.01*	6	**0.1**	*0.07*	0.01	*0.01*
*Spain, Granada	3	**0.1**	*0.04*	0.01	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
Spain, La Rioja	1	**0.0**	*0.05*	–	-	1	**0.1**	*0.05*	0.01	*0.01*
Spain, Mallorca	8	**0.2**	*0.09*	0.03	*0.01*	9	**0.2**	*0.09*	0.03	*0.01*
Spain, Murcia	5	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
Spain, Navarra	8	**0.3**	*0.10*	0.03	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
Spain, Tarragona	14	**0.4**	*0.12*	0.04	*0.02*	6	**0.2**	*0.08*	0.03	*0.01*
*Sweden	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, Basel	2	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	–	-
Switzerland, Geneva	7	**0.5**	*0.17*	0.07	*0.03*	5	**0.1**	*0.05*	–	-
Switzerland, Graubünden and Glarus	5	**0.5**	*0.22*	0.09	*0.04*	2	**0.1**	*0.12*	0.02	*0.02*
Switzerland, Neuchâtel	1	**0.2**	*0.18*	0.02	*0.02*	2	**0.2**	*0.17*	0.02	*0.02*
Switzerland, St Gall–Appenzell	5	**0.2**	*0.11*	0.04	*0.02*	8	**0.2**	*0.10*	0.03	*0.02*
Switzerland, Ticino	1	**0.1**	*0.07*	0.01	*0.01*	1	**0.0**	*0.02*	–	-
Switzerland, Valais	5	**0.4**	*0.20*	0.07	*0.03*	2	**0.1**	*0.04*	–	-
Switzerland, Vaud	2	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	–	-
Switzerland, Zurich	38	**0.7**	*0.11*	0.07	*0.02*	30	**0.4**	*0.09*	0.06	*0.01*
Ukraine	84	**0.1**	*0.01*	0.01	*0.00*	77	**0.0**	*0.00*	0.00	*0.00*
UK, England	608	**0.2**	*0.01*	0.03	*0.00*	369	**0.1**	*0.01*	0.01	*0.00*
UK, England, East of England Region	65	**0.2**	*0.03*	0.03	*0.00*	49	**0.1**	*0.02*	0.01	*0.00*
UK, England, North Western	70	**0.2**	*0.03*	0.03	*0.00*	47	**0.1**	*0.02*	0.01	*0.00*
UK, England, Northern and Yorkshire	31	**0.1**	*0.02*	0.01	*0.00*	18	**0.0**	*0.01*	0.00	*0.00*
UK, England, Oxford Region	34	**0.3**	*0.05*	0.03	*0.01*	10	**0.0**	*0.02*	0.00	*0.00*
UK, England, South and Western Regions	130	**0.3**	*0.03*	0.04	*0.00*	80	**0.2**	*0.02*	0.02	*0.00*
UK, England, Thames	155	**0.3**	*0.03*	0.04	*0.00*	89	**0.1**	*0.02*	0.02	*0.00*
UK, England, Trent	21	**0.1**	*0.03*	0.01	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
UK, England, West Midlands	79	**0.3**	*0.04*	0.03	*0.00*	50	**0.2**	*0.03*	0.02	*0.00*
UK, Northern Ireland	12	**0.2**	*0.06*	0.03	*0.01*	5	**0.1**	*0.03*	0.00	*0.00*
UK, Scotland	90	**0.4**	*0.04*	0.04	*0.01*	58	**0.2**	*0.02*	0.02	*0.00*
UK, Wales	64	**0.4**	*0.06*	0.05	*0.01*	29	**0.1**	*0.03*	0.02	*0.00*
Oceania										
Australian Capital Territory	7	**0.7**	*0.29*	0.08	*0.04*	2	**0.1**	*0.08*	–	-
Australia, New South Wales	71	**0.2**	*0.03*	0.02	*0.00*	51	**0.1**	*0.02*	0.02	*0.00*
Australia, Northern Territory	1	**0.3**	*0.27*	0.04	*0.04*	0	**-**	-	–	-
Australia, Northern Territory: Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	1	**0.3**	*0.31*	0.05	*0.05*	0	**-**	-	–	-
Australia, Queensland	44	**0.3**	*0.04*	0.03	*0.01*	25	**0.2**	*0.03*	0.02	*0.01*
South Australia	31	**0.5**	*0.09*	0.05	*0.01*	14	**0.1**	*0.04*	0.02	*0.01*
Australia, Tasmania	13	**0.6**	*0.18*	0.09	*0.03*	7	**0.3**	*0.12*	0.03	*0.02*
Australia, Victoria	100	**0.5**	*0.05*	0.05	*0.01*	44	**0.2**	*0.03*	0.02	*0.00*
Western Australia	24	**0.3**	*0.07*	0.04	*0.01*	19	**0.2**	*0.05*	0.03	*0.01*
New Zealand	89	**0.5**	*0.06*	0.05	*0.01*	59	**0.3**	*0.05*	0.05	*0.01*
New Zealand: Maori	1	**0.1**	*0.12*	0.02	*0.02*	0	**-**	-	–	-
New Zealand: Pacific Islander	1	**0.3**	*0.31*	0.08	*0.08*	0	**-**	-	–	-
New Zealand: Other	87	**0.5**	*0.06*	0.06	*0.01*	59	**0.4**	*0.05*	0.05	*0.01*
USA, Hawaii	17	**0.3**	*0.09*	0.04	*0.01*	11	**0.2**	*0.06*	0.02	*0.01*
*USA, Hawaii: Chinese	0	**-**	-	–	-	0	**-**	-	–	-
*USA, Hawaii: Filipino	3	**0.5**	*0.34*	0.08	*0.06*	4	**0.5**	*0.27*	0.05	*0.03*
*USA, Hawaii: Hawaiian	0	**-**	-	–	-	0	**-**	-	–	-
*USA, Hawaii: Japanese	3	**0.2**	*0.14*	0.03	*0.02*	2	**0.2**	*0.12*	0.03	*0.02*
*USA, Hawaii: White	9	**0.6**	*0.22*	0.06	*0.03*	5	**0.3**	*0.15*	0.04	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Multiple myeloma (C90)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	4	**0.2**	*0.11*	–	-	7	**0.3**	*0.12*	–	-
Egypt, Gharbiah	95	**1.3**	*0.13*	0.16	*0.02*	54	**0.7**	*0.10*	0.09	*0.01*
*Libya, Benghazi	18	**1.6**	*0.37*	0.19	*0.06*	16	**1.2**	*0.32*	0.14	*0.05*
*Malawi, Blantyre	2	**0.2**	*0.20*	0.02	*0.02*	3	**0.1**	*0.09*	0.01	*0.01*
*South Africa, PROMEC	9	**0.7**	*0.22*	0.08	*0.03*	4	**0.2**	*0.08*	0.02	*0.01*
*Tunisia, North	76	**1.1**	*0.13*	0.14	*0.02*	81	**1.2**	*0.13*	0.15	*0.02*
*Uganda, Kyadondo County	26	**2.1**	*0.48*	0.28	*0.08*	22	**2.1**	*0.48*	0.27	*0.07*
*Zimbabwe, Harare: African	21	**1.8**	*0.44*	0.18	*0.06*	26	**4.0**	*0.85*	0.64	*0.15*
America, Central and South										
Argentina, Bahía Blanca	18	**1.7**	*0.43*	0.17	*0.06*	24	**1.7**	*0.39*	0.20	*0.06*
Argentina, Córdoba	54	**2.0**	*0.28*	0.26	*0.04*	56	**1.5**	*0.22*	0.17	*0.03*
Argentina, Mendoza	96	**2.3**	*0.24*	0.31	*0.04*	100	**1.7**	*0.18*	0.22	*0.03*
*Argentina, Tierra del Fuego	7	**3.8**	*1.50*	0.40	*0.18*	9	**4.8**	*1.72*	0.58	*0.25*
Brazil, Aracaju	18	**3.1**	*0.75*	0.35	*0.10*	28	**3.7**	*0.71*	0.46	*0.10*
Brazil, Belo Horizonte	84	**3.3**	*0.36*	0.40	*0.06*	100	**2.6**	*0.27*	0.34	*0.04*
Brazil, Cuiabá	26	**2.9**	*0.59*	0.41	*0.10*	30	**3.6**	*0.67*	0.57	*0.12*
Brazil, Fortaleza	60	**2.1**	*0.28*	0.28	*0.04*	75	**1.8**	*0.21*	0.22	*0.03*
Brazil, Goiânia	93	**4.8**	*0.51*	0.60	*0.08*	80	**3.2**	*0.37*	0.43	*0.06*
*Brazil, São Paulo	687	**3.1**	*0.12*	0.37	*0.02*	783	**2.6**	*0.10*	0.32	*0.01*
Chile, Region of Antofagasta	31	**2.9**	*0.53*	0.42	*0.09*	24	**2.0**	*0.41*	0.24	*0.06*
Chile, Bío Bío Province	21	**2.1**	*0.47*	0.31	*0.08*	24	**2.1**	*0.44*	0.21	*0.06*
Chile, Valdivia	35	**3.5**	*0.60*	0.44	*0.09*	26	**2.1**	*0.43*	0.29	*0.07*
Colombia, Bucaramanga	38	**1.8**	*0.29*	0.20	*0.04*	33	**1.3**	*0.23*	0.18	*0.03*
Colombia, Cali	111	**2.7**	*0.26*	0.34	*0.04*	129	**2.3**	*0.21*	0.31	*0.03*
Colombia, Manizales	9	**1.0**	*0.35*	0.14	*0.05*	15	**1.3**	*0.34*	0.18	*0.05*
Colombia, Pasto	8	**0.9**	*0.34*	0.11	*0.05*	19	**2.1**	*0.50*	0.23	*0.06*
Costa Rica	111	**1.3**	*0.12*	0.16	*0.02*	94	**1.0**	*0.11*	0.13	*0.02*
Cuba, Villa Clara	42	**1.7**	*0.27*	0.21	*0.04*	35	**1.3**	*0.24*	0.15	*0.03*
Ecuador, Cuenca	18	**2.0**	*0.49*	0.20	*0.06*	15	**1.4**	*0.38*	0.17	*0.05*
Ecuador, Quito	88	**3.0**	*0.33*	0.32	*0.04*	57	**1.8**	*0.25*	0.25	*0.04*
*France, Martinique	100	**6.9**	*0.72*	0.78	*0.10*	108	**5.4**	*0.57*	0.61	*0.08*
*Jamaica, Kingston and St Andrew	60	**4.4**	*0.58*	0.51	*0.08*	49	**3.0**	*0.45*	0.42	*0.07*
USA, Puerto Rico	414	**3.1**	*0.16*	0.40	*0.02*	392	**2.2**	*0.12*	0.27	*0.02*
Uruguay	174	**2.6**	*0.21*	0.32	*0.03*	185	**1.9**	*0.16*	0.22	*0.02*
America, North										
Canada	5299	**4.1**	*0.06*	0.48	*0.01*	4379	**2.8**	*0.05*	0.33	*0.01*
Canada, Alberta	461	**4.2**	*0.20*	0.52	*0.03*	358	**2.9**	*0.16*	0.35	*0.02*
Canada, British Columbia	640	**3.4**	*0.14*	0.38	*0.02*	446	**2.0**	*0.11*	0.23	*0.02*
Canada, Manitoba	186	**3.8**	*0.30*	0.43	*0.04*	160	**2.5**	*0.23*	0.26	*0.03*
Canada, New Brunswick	134	**4.3**	*0.39*	0.57	*0.06*	114	**3.1**	*0.32*	0.40	*0.05*
Canada, Newfoundland and Labrador	54	**2.8**	*0.41*	0.35	*0.06*	45	**1.9**	*0.29*	0.24	*0.05*
*Canada, Northwest Territories	3	**4.1**	*2.41*	0.75	*0.53*	1	**1.7**	*1.65*	0.41	*0.41*
Canada, Nova Scotia	155	**3.8**	*0.32*	0.46	*0.05*	125	**2.5**	*0.25*	0.30	*0.04*
Canada, Ontario	2113	**4.3**	*0.10*	0.49	*0.01*	1857	**3.1**	*0.08*	0.37	*0.01*
Canada, Prince Edward Island	41	**7.4**	*1.19*	0.87	*0.17*	16	**2.7**	*0.70*	0.36	*0.10*
*Canada, Quebec	1342	**4.3**	*0.12*	0.49	*0.02*	1123	**2.8**	*0.09*	0.33	*0.01*
Canada, Saskatchewan	165	**4.0**	*0.34*	0.49	*0.05*	133	**2.9**	*0.28*	0.38	*0.04*
*Canada, Yukon	5	**5.6**	*2.57*	0.84	*0.46*	1	**0.8**	*0.76*	0.08	*0.08*
USA, NPCR (42 states)	42082	**4.5**	*0.02*	0.54	*0.00*	35530	**3.0**	*0.02*	0.36	*0.00*
USA, NPCR (42 states): American Indian	196	**3.0**	*0.22*	0.39	*0.03*	199	**2.7**	*0.19*	0.34	*0.03*
USA, NPCR (42 states): Asian and Pacific Islander	607	**1.9**	*0.08*	0.22	*0.01*	583	**1.5**	*0.06*	0.18	*0.01*
USA, NPCR (42 states): Black	7041	**8.7**	*0.11*	1.06	*0.02*	7382	**6.3**	*0.08*	0.77	*0.01*
USA, NPCR (42 states): White	33578	**4.0**	*0.02*	0.48	*0.00*	26846	**2.6**	*0.02*	0.31	*0.00*
USA, SEER (9 registries)	4386	**4.5**	*0.07*	0.54	*0.01*	3597	**3.0**	*0.05*	0.36	*0.01*
*USA, SEER (9 registries): Black	699	**9.2**	*0.36*	1.09	*0.05*	700	**6.6**	*0.26*	0.82	*0.04*
*USA, SEER (9 registries): White	3421	**4.3**	*0.08*	0.51	*0.01*	2623	**2.6**	*0.06*	0.32	*0.01*
USA, SEER (18 registries)	12400	**4.5**	*0.04*	0.54	*0.01*	10182	**2.9**	*0.03*	0.35	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	551	**2.5**	*0.11*	0.29	*0.02*	502	**1.8**	*0.08*	0.22	*0.01*
*USA, SEER (18 registries): Black	2102	**9.3**	*0.21*	1.14	*0.03*	2050	**6.4**	*0.15*	0.79	*0.02*
*USA, SEER (18 registries): Hispanic White	1184	**4.3**	*0.13*	0.52	*0.02*	1017	**3.1**	*0.10*	0.38	*0.02*
*USA, SEER (18 registries): Non–Hispanic White	8394	**4.1**	*0.05*	0.49	*0.01*	6441	**2.5**	*0.03*	0.29	*0.01*
*USA, SEER (18 registries): White	9578	**4.1**	*0.04*	0.49	*0.01*	7458	**2.6**	*0.03*	0.30	*0.00*
USA, Alabama	781	**4.8**	*0.18*	0.59	*0.03*	675	**3.2**	*0.13*	0.38	*0.02*
USA, Alabama: Black	245	**8.3**	*0.55*	1.02	*0.08*	250	**5.7**	*0.39*	0.70	*0.06*
USA, Alabama: White	528	**3.9**	*0.18*	0.49	*0.03*	414	**2.4**	*0.13*	0.29	*0.02*
USA, Alaska	74	**4.2**	*0.51*	0.60	*0.09*	52	**2.7**	*0.39*	0.28	*0.05*
*USA, Alaska: American Indian	8	**3.4**	*1.23*	0.45	*0.17*	10	**3.8**	*1.24*	0.42	*0.15*
USA, Arizona	735	**3.4**	*0.13*	0.42	*0.02*	594	**2.3**	*0.10*	0.28	*0.02*
USA, Arizona: American Indian	29	**4.8**	*0.91*	0.58	*0.13*	31	**4.1**	*0.75*	0.50	*0.11*
USA, Arizona: Asian and Pacific Islander	9	**2.9**	*0.97*	0.43	*0.17*	5	**1.0**	*0.45*	0.09	*0.05*
USA, Arizona: Black	36	**7.6**	*1.29*	0.85	*0.18*	27	**4.6**	*0.92*	0.62	*0.16*
USA, Arizona: White	654	**3.2**	*0.13*	0.39	*0.02*	524	**2.2**	*0.10*	0.26	*0.02*
USA, Arkansas	500	**4.8**	*0.22*	0.62	*0.03*	370	**2.9**	*0.16*	0.37	*0.02*
USA, Arkansas: Black	102	**9.7**	*1.00*	1.22	*0.15*	86	**6.0**	*0.69*	0.80	*0.11*
USA, Arkansas: White	388	**4.2**	*0.22*	0.54	*0.03*	279	**2.4**	*0.16*	0.31	*0.02*
USA, California	4924	**4.3**	*0.06*	0.51	*0.01*	3883	**2.7**	*0.05*	0.32	*0.01*
USA, California: American Indian	16	**1.5**	*0.37*	0.19	*0.06*	16	**1.2**	*0.30*	0.14	*0.05*
USA, California: Asian and Pacific Islander	325	**2.2**	*0.13*	0.26	*0.02*	298	**1.6**	*0.10*	0.19	*0.01*
USA, California: Black	571	**9.1**	*0.39*	1.13	*0.06*	530	**6.3**	*0.28*	0.76	*0.04*
USA, California: White	3898	**4.1**	*0.07*	0.49	*0.01*	2961	**2.5**	*0.05*	0.30	*0.01*
USA, California, Los Angeles County	1252	**4.4**	*0.13*	0.54	*0.02*	1089	**2.9**	*0.10*	0.36	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	107	**2.4**	*0.24*	0.29	*0.04*	98	**1.7**	*0.18*	0.21	*0.03*
*USA, California, Los Angeles County: Black	248	**9.5**	*0.61*	1.20	*0.09*	266	**6.8**	*0.44*	0.82	*0.06*
*USA, California, Los Angeles County: Chinese	31	**2.3**	*0.43*	0.29	*0.07*	21	**1.3**	*0.30*	0.19	*0.05*
*USA, California, Los Angeles County: Filipino	30	**3.5**	*0.67*	0.40	*0.09*	38	**2.8**	*0.48*	0.32	*0.07*
*USA, California, Los Angeles County: Hispanic White	316	**4.3**	*0.25*	0.52	*0.04*	274	**2.8**	*0.18*	0.35	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Multiple myeloma (C90) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	15	**1.8**	*0.55*	0.19	*0.08*	10	**1.1**	*0.44*	0.11	*0.06*
*USA, California, Los Angeles County: Korean	10	**1.6**	*0.50*	0.18	*0.07*	9	**1.1**	*0.38*	0.12	*0.05*
*USA, California, Los Angeles County: Non−Hispanic White	554	**3.9**	*0.18*	0.48	*0.03*	432	**2.4**	*0.13*	0.29	*0.02*
*USA, California, Los Angeles County: White	870	**4.0**	*0.14*	0.50	*0.02*	706	**2.6**	*0.11*	0.31	*0.02*
USA, California, San Francisco Bay Area	664	**4.4**	*0.18*	0.51	*0.03*	544	**2.8**	*0.13*	0.34	*0.02*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	80	**2.4**	*0.28*	0.25	*0.04*	77	**1.7**	*0.20*	0.20	*0.03*
*USA, California, San Francisco Bay Area: Black	100	**8.4**	*0.87*	1.06	*0.13*	114	**6.8**	*0.68*	0.85	*0.11*
*USA, California, San Francisco Bay Area: Hispanic White	67	**4.7**	*0.61*	0.56	*0.09*	60	**3.5**	*0.48*	0.49	*0.08*
*USA, California, San Francisco Bay Area: Non−Hispanic White	409	**4.4**	*0.23*	0.52	*0.03*	287	**2.5**	*0.17*	0.29	*0.03*
*USA, California, San Francisco Bay Area: White	476	**4.5**	*0.22*	0.52	*0.03*	347	**2.6**	*0.16*	0.32	*0.02*
USA, Colorado	622	**4.1**	*0.17*	0.49	*0.03*	461	**2.5**	*0.12*	0.30	*0.02*
USA, Colorado: Asian and Pacific Islander	5	**1.7**	*0.81*	0.19	*0.13*	8	**1.8**	*0.64*	0.24	*0.12*
USA, Colorado: Black	36	**7.7**	*1.34*	0.80	*0.17*	41	**8.4**	*1.36*	1.06	*0.20*
USA, Colorado: White	568	**3.9**	*0.17*	0.47	*0.03*	398	**2.2**	*0.12*	0.27	*0.02*
USA, Connecticut	588	**4.3**	*0.19*	0.49	*0.03*	517	**2.8**	*0.14*	0.34	*0.02*
*USA, Connecticut: Black	74	**9.3**	*1.10*	1.09	*0.16*	65	**6.0**	*0.76*	0.82	*0.12*
*USA, Connecticut: White	504	**4.0**	*0.19*	0.44	*0.03*	438	**2.5**	*0.14*	0.29	*0.02*
USA, Delaware	137	**4.2**	*0.38*	0.46	*0.05*	109	**2.8**	*0.29*	0.36	*0.04*
USA, Delaware: Black	30	**7.4**	*1.38*	0.88	*0.20*	31	**5.2**	*0.99*	0.57	*0.14*
USA, Delaware: White	101	**3.6**	*0.38*	0.38	*0.05*	71	**2.2**	*0.28*	0.29	*0.04*
USA, Florida	3162	**4.0**	*0.08*	0.48	*0.01*	2617	**2.8**	*0.06*	0.34	*0.01*
USA, Florida: Asian and Pacific Islander	21	**2.0**	*0.44*	0.24	*0.06*	21	**1.6**	*0.35*	0.21	*0.05*
USA, Florida: Black	516	**8.0**	*0.36*	0.99	*0.05*	534	**6.3**	*0.28*	0.76	*0.04*
USA, Florida: White	2580	**3.5**	*0.08*	0.42	*0.01*	2028	**2.3**	*0.06*	0.29	*0.01*
USA, Georgia	1255	**4.7**	*0.14*	0.58	*0.02*	1092	**3.2**	*0.10*	0.39	*0.02*
USA, Georgia: Asian and Pacific Islander	4	**0.9**	*0.46*	0.10	*0.07*	7	**1.1**	*0.43*	0.11	*0.05*
USA, Georgia: Black	478	**8.9**	*0.42*	1.14	*0.07*	467	**5.8**	*0.28*	0.70	*0.04*
USA, Georgia: White	768	**3.7**	*0.14*	0.44	*0.02*	615	**2.3**	*0.10*	0.28	*0.02*
USA, Georgia, Atlanta	400	**4.9**	*0.25*	0.61	*0.04*	354	**3.3**	*0.19*	0.41	*0.03*
*USA, Georgia, Atlanta: Black	186	**8.5**	*0.66*	1.11	*0.11*	182	**5.7**	*0.44*	0.69	*0.07*
*USA, Georgia, Atlanta: White	210	**3.7**	*0.26*	0.45	*0.04*	166	**2.3**	*0.20*	0.28	*0.03*
USA, Idaho	230	**4.5**	*0.31*	0.55	*0.05*	144	**2.5**	*0.22*	0.32	*0.04*
USA, Illinois	2026	**4.6**	*0.11*	0.55	*0.02*	1802	**3.2**	*0.08*	0.39	*0.01*
USA, Illinois: Asian and Pacific Islander	14	**1.1**	*0.29*	0.12	*0.04*	19	**1.2**	*0.28*	0.17	*0.05*
USA, Illinois: Black	445	**9.5**	*0.46*	1.19	*0.07*	454	**6.7**	*0.33*	0.85	*0.05*
USA, Illinois: White	1537	**4.0**	*0.11*	0.47	*0.02*	1308	**2.6**	*0.08*	0.32	*0.01*
USA, Indiana	1022	**4.5**	*0.15*	0.54	*0.02*	827	**2.8**	*0.11*	0.34	*0.02*
USA, Indiana: Black	115	**8.9**	*0.85*	1.03	*0.12*	108	**5.7**	*0.59*	0.64	*0.08*
USA, Indiana: White	894	**4.3**	*0.15*	0.51	*0.02*	711	**2.6**	*0.11*	0.31	*0.02*
USA, Iowa	533	**4.4**	*0.20*	0.52	*0.03*	424	**2.8**	*0.15*	0.34	*0.02*
USA, Kentucky	683	**4.4**	*0.17*	0.50	*0.03*	583	**3.0**	*0.14*	0.36	*0.02*
USA, Louisiana	638	**5.3**	*0.22*	0.66	*0.03*	550	**3.6**	*0.16*	0.44	*0.02*
*USA, Louisiana: Black	295	**10.9**	*0.65*	1.37	*0.10*	261	**6.9**	*0.45*	0.88	*0.07*
*USA, Louisiana: White	336	**3.7**	*0.21*	0.44	*0.03*	285	**2.4**	*0.16*	0.28	*0.02*
*USA, Louisiana, New Orleans	118	**4.9**	*0.47*	0.55	*0.07*	114	**3.8**	*0.39*	0.49	*0.06*
*USA, Louisiana, New Orleans: Black	60	**8.7**	*1.16*	0.98	*0.16*	64	**7.2**	*0.92*	1.01	*0.15*
*USA, Louisiana, New Orleans: White	57	**3.4**	*0.48*	0.37	*0.07*	48	**2.1**	*0.34*	0.22	*0.05*
USA, Maine	240	**4.3**	*0.29*	0.51	*0.04*	193	**2.7**	*0.21*	0.32	*0.03*
USA, Massachusetts	1066	**4.4**	*0.14*	0.53	*0.02*	840	**2.6**	*0.10*	0.31	*0.01*
USA, Massachusetts: Asian and Pacific Islander	9	**1.5**	*0.50*	0.12	*0.06*	6	**0.9**	*0.36*	0.10	*0.05*
USA, Massachusetts: Black	74	**7.7**	*0.93*	1.01	*0.15*	77	**5.7**	*0.68*	0.61	*0.09*
USA, Massachusetts: White	962	**4.3**	*0.15*	0.51	*0.02*	746	**2.4**	*0.10*	0.29	*0.02*
USA, Michigan	1815	**4.8**	*0.12*	0.58	*0.02*	1436	**3.1**	*0.09*	0.37	*0.01*
USA, Michigan: Asian and Pacific Islander	9	**2.2**	*0.74*	0.04	*0.04*	6	**0.9**	*0.39*	0.06	*0.03*
USA, Michigan: Black	346	**9.7**	*0.54*	1.11	*0.08*	363	**7.2**	*0.40*	0.89	*0.06*
USA, Michigan: White	1429	**4.3**	*0.12*	0.51	*0.02*	1043	**2.5**	*0.09*	0.29	*0.01*
USA, Michigan, Detroit	747	**5.3**	*0.20*	0.62	*0.03*	679	**3.7**	*0.16*	0.45	*0.02*
*USA, Michigan, Detroit: Black	257	**9.9**	*0.64*	1.12	*0.09*	286	**7.6**	*0.48*	0.96	*0.07*
*USA, Michigan, Detroit: White	479	**4.2**	*0.20*	0.51	*0.03*	383	**2.6**	*0.15*	0.30	*0.02*
USA, Mississippi	474	**5.0**	*0.24*	0.65	*0.04*	480	**3.8**	*0.19*	0.45	*0.03*
USA, Missouri	985	**4.6**	*0.15*	0.55	*0.02*	860	**3.1**	*0.12*	0.38	*0.02*
USA, Missouri: Black	140	**9.1**	*0.79*	1.13	*0.12*	138	**6.3**	*0.56*	0.77	*0.08*
USA, Missouri: White	830	**4.2**	*0.15*	0.49	*0.02*	713	**2.8**	*0.12*	0.34	*0.02*
USA, Montana	164	**4.2**	*0.35*	0.56	*0.06*	132	**2.9**	*0.28*	0.35	*0.04*
USA, Montana: American Indian	9	**7.5**	*2.58*	1.05	*0.43*	8	**5.6**	*2.03*	0.66	*0.28*
USA, Nebraska	302	**4.5**	*0.28*	0.51	*0.04*	250	**3.1**	*0.22*	0.38	*0.03*
USA, Nebraska: Black	17	**10.7**	*2.68*	1.27	*0.37*	8	**3.3**	*1.27*	0.30	*0.17*
USA, Nebraska: White	277	**4.2**	*0.27*	0.48	*0.04*	228	**2.9**	*0.22*	0.37	*0.03*
USA, New Hampshire	233	**4.6**	*0.32*	0.53	*0.05*	177	**2.8**	*0.23*	0.35	*0.04*
USA, New Jersey	1567	**5.0**	*0.13*	0.61	*0.02*	1367	**3.3**	*0.10*	0.38	*0.01*
*USA, New Jersey: Black	271	**8.7**	*0.54*	1.09	*0.08*	304	**6.5**	*0.39*	0.75	*0.06*
*USA, New Jersey: White	1232	**4.6**	*0.14*	0.56	*0.02*	996	**2.8**	*0.10*	0.32	*0.01*
USA, New Mexico	290	**4.2**	*0.26*	0.53	*0.04*	221	**2.7**	*0.20*	0.33	*0.03*
*USA, New Mexico: Hispanic White	94	**4.4**	*0.47*	0.53	*0.07*	84	**3.4**	*0.39*	0.42	*0.06*
*USA, New Mexico: Non−Hispanic White	174	**4.2**	*0.34*	0.55	*0.05*	117	**2.3**	*0.24*	0.29	*0.04*
*USA, New Mexico: White	268	**4.3**	*0.27*	0.55	*0.04*	201	**2.7**	*0.21*	0.34	*0.03*
USA, New York State	3533	**5.0**	*0.09*	0.58	*0.01*	3279	**3.5**	*0.07*	0.41	*0.01*
USA, New York State: Asian and Pacific Islander	55	**1.5**	*0.20*	0.13	*0.02*	69	**1.6**	*0.19*	0.16	*0.03*
USA, New York State: Black	708	**8.4**	*0.32*	1.03	*0.05*	870	**6.4**	*0.23*	0.75	*0.03*
USA, New York State: White	2701	**4.6**	*0.09*	0.53	*0.01*	2278	**2.9**	*0.07*	0.35	*0.01*
USA, North Carolina	1453	**4.8**	*0.13*	0.58	*0.02*	1330	**3.4**	*0.10*	0.42	*0.02*
USA, North Carolina: American Indian	8	**2.7**	*0.99*	0.35	*0.17*	8	**2.4**	*0.88*	0.37	*0.15*
USA, North Carolina: Asian and Pacific Islander	3	**1.0**	*0.59*	0.03	*0.03*	4	**0.8**	*0.39*	0.05	*0.03*
USA, North Carolina: Black	407	**8.7**	*0.44*	1.03	*0.07*	460	**6.7**	*0.33*	0.82	*0.05*
USA, North Carolina: White	1020	**4.1**	*0.13*	0.49	*0.02*	847	**2.6**	*0.10*	0.33	*0.02*
USA, North Dakota	112	**4.4**	*0.45*	0.53	*0.07*	98	**3.2**	*0.37*	0.40	*0.06*
USA, Ohio	1747	**4.1**	*0.10*	0.49	*0.02*	1551	**2.8**	*0.08*	0.34	*0.01*
USA, Ohio: Asian and Pacific Islander	7	**1.6**	*0.63*	0.17	*0.08*	4	**0.8**	*0.40*	0.08	*0.04*
USA, Ohio: Black	298	**8.6**	*0.51*	1.05	*0.07*	292	**5.9**	*0.37*	0.72	*0.05*
USA, Ohio: White	1424	**3.6**	*0.10*	0.44	*0.02*	1235	**2.4**	*0.08*	0.29	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Multiple myeloma (C90) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	627	**4.8**	*0.20*	0.59	*0.03*	515	**3.1**	*0.15*	0.38	*0.02*
USA, Oklahoma: American Indian	42	**5.4**	*0.84*	0.72	*0.14*	40	**4.2**	*0.68*	0.51	*0.10*
USA, Oklahoma: Black	58	**9.0**	*1.22*	0.99	*0.17*	74	**8.6**	*1.07*	1.07	*0.16*
USA, Oklahoma: White	515	**4.4**	*0.21*	0.55	*0.03*	389	**2.6**	*0.15*	0.32	*0.02*
USA, Oregon	563	**3.9**	*0.17*	0.48	*0.03*	420	**2.4**	*0.13*	0.30	*0.02*
USA, Oregon: Asian and Pacific Islander	4	**1.2**	*0.60*	0.13	*0.07*	7	**2.0**	*0.77*	0.34	*0.13*
USA, Oregon: Black	10	**5.5**	*1.80*	0.57	*0.24*	3	**1.6**	*0.99*	0.20	*0.15*
USA, Oregon: White	531	**3.9**	*0.18*	0.47	*0.03*	400	**2.4**	*0.13*	0.30	*0.02*
USA, Pennsylvania	2183	**4.2**	*0.10*	0.51	*0.01*	2056	**3.0**	*0.08*	0.36	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	7	**1.2**	*0.44*	0.17	*0.08*	12	**1.5**	*0.44*	0.19	*0.07*
USA, Pennsylvania: Black	296	**8.8**	*0.53*	1.10	*0.08*	330	**6.3**	*0.38*	0.78	*0.06*
USA, Pennsylvania: White	1847	**3.9**	*0.10*	0.46	*0.01*	1691	**2.7**	*0.08*	0.32	*0.01*
USA, Rhode Island	163	**4.1**	*0.34*	0.50	*0.05*	161	**2.8**	*0.26*	0.33	*0.04*
USA, Rhode Island: Black	8	**6.6**	*2.41*	0.83	*0.35*	10	**5.5**	*1.81*	0.67	*0.28*
USA, Rhode Island: White	152	**4.0**	*0.35*	0.50	*0.05*	148	**2.7**	*0.26*	0.31	*0.04*
USA, South Carolina	752	**4.9**	*0.18*	0.60	*0.03*	731	**3.8**	*0.15*	0.46	*0.02*
USA, South Carolina: Black	249	**7.9**	*0.51*	0.96	*0.08*	325	**7.2**	*0.42*	0.87	*0.06*
USA, South Carolina: White	489	**4.0**	*0.19*	0.49	*0.03*	398	**2.6**	*0.14*	0.32	*0.02*
USA, South Dakota	135	**4.2**	*0.39*	0.50	*0.06*	101	**2.6**	*0.29*	0.33	*0.05*
USA, Tennessee	942	**4.4**	*0.15*	0.54	*0.02*	799	**3.0**	*0.11*	0.37	*0.02*
USA, Tennessee: Black	190	**8.7**	*0.65*	1.12	*0.10*	200	**6.1**	*0.46*	0.75	*0.07*
USA, Tennessee: White	740	**3.8**	*0.14*	0.48	*0.02*	588	**2.5**	*0.11*	0.31	*0.02*
USA, Texas	3435	**5.0**	*0.09*	0.60	*0.01*	2858	**3.3**	*0.07*	0.41	*0.01*
USA, Texas: Asian and Pacific Islander	30	**1.8**	*0.34*	0.27	*0.06*	18	**0.8**	*0.19*	0.08	*0.03*
USA, Texas: Black	598	**10.2**	*0.43*	1.24	*0.06*	579	**6.9**	*0.30*	0.85	*0.05*
USA, Texas: White	2730	**4.4**	*0.09*	0.53	*0.01*	2197	**2.9**	*0.07*	0.36	*0.01*
USA, Utah	259	**3.8**	*0.25*	0.47	*0.04*	191	**2.4**	*0.19*	0.30	*0.03*
USA, Vermont	88	**3.5**	*0.39*	0.46	*0.06*	77	**2.5**	*0.31*	0.27	*0.04*
USA, Virginia	1079	**4.2**	*0.13*	0.50	*0.02*	994	**3.0**	*0.10*	0.37	*0.02*
USA, Virginia: Asian and Pacific Islander	16	**1.9**	*0.48*	0.22	*0.07*	14	**1.3**	*0.34*	0.17	*0.06*
USA, Virginia: Black	305	**7.9**	*0.46*	0.90	*0.07*	327	**6.0**	*0.35*	0.74	*0.05*
USA, Virginia: White	718	**3.4**	*0.13*	0.42	*0.02*	617	**2.3**	*0.10*	0.28	*0.02*
USA, Washington State	1002	**4.4**	*0.14*	0.54	*0.02*	727	**2.6**	*0.11*	0.32	*0.02*
USA, Washington, Seattle	733	**4.8**	*0.18*	0.58	*0.03*	534	**2.9**	*0.14*	0.37	*0.02*
USA, West Virginia	322	**4.2**	*0.24*	0.50	*0.04*	303	**3.0**	*0.19*	0.36	*0.03*
USA, Wisconsin	1059	**5.0**	*0.16*	0.61	*0.02*	833	**3.2**	*0.12*	0.41	*0.02*
USA, Wisconsin: Black	63	**10.7**	*1.40*	1.49	*0.23*	55	**6.6**	*0.92*	0.81	*0.14*
USA, Wisconsin: White	963	**4.7**	*0.16*	0.57	*0.02*	757	**3.1**	*0.13*	0.39	*0.02*
USA, Wyoming	72	**3.6**	*0.44*	0.42	*0.07*	51	**2.3**	*0.35*	0.32	*0.06*
Asia										
Bahrain: Bahraini	9	**1.2**	*0.40*	0.06	*0.03*	10	**1.5**	*0.47*	0.16	*0.05*
China, Beijing City	438	**1.5**	*0.07*	0.19	*0.01*	277	**0.9**	*0.06*	0.12	*0.01*
*China, Cixian County	3	**0.2**	*0.13*	0.03	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
China, Haining County	17	**0.7**	*0.18*	0.10	*0.03*	12	**0.5**	*0.16*	0.06	*0.02*
*China, Harbin City, Nangang District	15	**0.6**	*0.18*	0.08	*0.02*	13	**0.4**	*0.12*	0.06	*0.02*
China, Hong Kong	536	**2.1**	*0.09*	0.23	*0.01*	390	**1.3**	*0.07*	0.15	*0.01*
China, Jiashan County	16	**1.0**	*0.26*	0.14	*0.04*	13	**0.9**	*0.27*	0.15	*0.04*
China, Jiaxing City	11	**0.9**	*0.30*	0.09	*0.04*	14	**1.1**	*0.31*	0.16	*0.05*
China, Macao	17	**1.4**	*0.36*	0.22	*0.07*	10	**0.6**	*0.20*	0.06	*0.03*
China, Qidong County	78	**1.8**	*0.21*	0.23	*0.03*	55	**1.4**	*0.19*	0.19	*0.03*
*China, Shanghai City	356	**1.3**	*0.07*	0.16	*0.01*	309	**1.0**	*0.06*	0.12	*0.01*
*China, Wuhan City	145	**1.0**	*0.09*	0.14	*0.01*	112	**0.8**	*0.09*	0.11	*0.01*
*China, Yangcheng County	0	**-**	-	–	-	1	**0.2**	*0.17*	0.01	*0.01*
*China, Yanting County	1	**0.1**	*0.06*	0.01	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*
*China, Zhongshan City	26	**0.9**	*0.19*	0.10	*0.02*	28	**1.0**	*0.19*	0.11	*0.03*
*India, Bangalore	126	**1.8**	*0.17*	0.23	*0.03*	96	**1.4**	*0.15*	0.17	*0.02*
*India; Barshi, Paranda, and Bhum	4	**0.3**	*0.14*	0.04	*0.02*	2	**0.2**	*0.13*	0.02	*0.02*
*India, Bhopal	32	**1.5**	*0.27*	0.19	*0.04*	19	**0.9**	*0.21*	0.10	*0.03*
*India, Chennai	149	**1.6**	*0.13*	0.20	*0.02*	91	**0.9**	*0.10*	0.10	*0.01*
*India, Dindigul, Ambilikkai	14	**0.3**	*0.08*	0.04	*0.01*	10	**0.2**	*0.07*	0.02	*0.01*
*India, Karunagappally	19	**1.8**	*0.40*	0.22	*0.06*	19	**1.5**	*0.34*	0.20	*0.05*
*India, Mizoram	2	**0.1**	*0.09*	0.01	*0.01*	5	**0.3**	*0.14*	0.03	*0.01*
*India, Mumbai	372	**1.5**	*0.08*	0.18	*0.01*	242	**1.1**	*0.07*	0.12	*0.01*
*India, New Delhi	448	**2.0**	*0.10*	0.25	*0.01*	253	**1.2**	*0.07*	0.14	*0.01*
*India, Poona	82	**1.1**	*0.13*	0.13	*0.02*	45	**0.6**	*0.09*	0.08	*0.01*
*India, Sikkim State	4	**0.5**	*0.26*	0.07	*0.04*	6	**0.8**	*0.35*	0.06	*0.03*
*India, Trivandrum	33	**2.1**	*0.37*	0.29	*0.06*	36	**2.0**	*0.34*	0.30	*0.05*
*Iran (Islamic Republic of), Golestan Province	38	**2.4**	*0.40*	0.31	*0.06*	34	**2.2**	*0.39*	0.30	*0.06*
Israel	901	**4.8**	*0.17*	0.57	*0.02*	720	**3.0**	*0.12*	0.34	*0.02*
*Israel: Jews	821	**4.7**	*0.18*	0.57	*0.03*	664	**3.0**	*0.13*	0.35	*0.02*
*Israel: Non–Jews	80	**4.8**	*0.54*	0.64	*0.09*	56	**3.1**	*0.42*	0.30	*0.05*
Japan, Aichi Prefecture	113	**1.7**	*0.17*	0.16	*0.02*	108	**1.5**	*0.15*	0.17	*0.02*
Japan, Fukui Prefecture	96	**1.8**	*0.21*	0.22	*0.03*	97	**1.3**	*0.16*	0.17	*0.03*
Japan, Hiroshima	106	**1.8**	*0.18*	0.20	*0.03*	86	**1.1**	*0.14*	0.13	*0.02*
Japan, Miyagi Prefecture	229	**1.8**	*0.13*	0.23	*0.02*	228	**1.3**	*0.10*	0.15	*0.01*
Japan, Nagasaki Prefecture	177	**1.8**	*0.16*	0.20	*0.02*	156	**1.1**	*0.11*	0.13	*0.02*
Japan, Niigata Prefecture	249	**1.6**	*0.11*	0.18	*0.02*	280	**1.2**	*0.09*	0.13	*0.01*
*Japan, Osaka Prefecture	597	**1.3**	*0.05*	0.14	*0.01*	576	**0.9**	*0.04*	0.11	*0.01*
Japan, Saga Prefecture	92	**1.8**	*0.20*	0.18	*0.03*	104	**1.4**	*0.18*	0.16	*0.02*
Republic of Korea	1935	**1.5**	*0.04*	0.19	*0.01*	1788	**1.1**	*0.03*	0.15	*0.00*
Republic of Korea, Busan	124	**1.3**	*0.13*	0.16	*0.02*	114	**0.9**	*0.08*	0.12	*0.01*
Republic of Korea, Daegu	74	**1.2**	*0.15*	0.15	*0.02*	79	**1.0**	*0.11*	0.14	*0.02*
Republic of Korea, Daejeon	51	**1.5**	*0.22*	0.19	*0.03*	52	**1.3**	*0.18*	0.17	*0.03*
Republic of Korea, Gwangju	48	**1.6**	*0.25*	0.22	*0.04*	66	**1.6**	*0.20*	0.22	*0.03*
Republic of Korea, Incheon	90	**1.5**	*0.16*	0.20	*0.03*	71	**1.0**	*0.12*	0.13	*0.02*
Republic of Korea, Jejudo	18	**1.5**	*0.36*	0.19	*0.05*	20	**1.2**	*0.28*	0.15	*0.04*
Republic of Korea, Seoul	435	**1.8**	*0.09*	0.21	*0.01*	361	**1.2**	*0.06*	0.15	*0.01*
Republic of Korea, Ulsan	35	**1.6**	*0.29*	0.21	*0.04*	28	**1.1**	*0.21*	0.13	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Multiple myeloma (C90) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	51	**1.3**	*0.24*	0.19	*0.04*	34	**1.3**	*0.25*	0.15	*0.03*
*Kuwait: Kuwaitis	18	**1.6**	*0.39*	0.21	*0.06*	20	**1.4**	*0.32*	0.16	*0.04*
*Kuwait: Non−Kuwaitis	33	**1.3**	*0.38*	0.21	*0.08*	14	**1.3**	*0.40*	0.13	*0.04*
*Malaysia, Penang	13	**0.7**	*0.18*	0.11	*0.03*	18	**0.7**	*0.18*	0.12	*0.03*
*Malaysia, Penang: Chinese	7	**0.5**	*0.20*	0.08	*0.03*	11	**0.7**	*0.22*	0.12	*0.04*
*Malaysia, Penang: Indian	2	**1.2**	*0.85*	0.20	*0.18*	2	**1.1**	*0.79*	0.28	*0.20*
*Malaysia, Penang: Malay	4	**0.7**	*0.36*	0.13	*0.07*	5	**0.6**	*0.27*	0.09	*0.04*
*Philippines, Manila	98	**1.4**	*0.15*	0.16	*0.02*	87	**0.9**	*0.10*	0.11	*0.02*
*Philippines, Rizal	85	**1.1**	*0.13*	0.15	*0.02*	107	**1.1**	*0.11*	0.14	*0.02*
Qatar: Qatari	5	**2.4**	*1.08*	0.39	*0.18*	2	**0.8**	*0.61*	0.10	*0.07*
*Saudi Arabia, Riyadh: Saudi	74	**1.7**	*0.21*	0.23	*0.03*	45	**1.0**	*0.16*	0.13	*0.02*
Singapore	154	**1.6**	*0.13*	0.19	*0.02*	129	**1.2**	*0.10*	0.14	*0.02*
Singapore: Chinese	108	**1.4**	*0.13*	0.17	*0.02*	93	**1.0**	*0.10*	0.11	*0.02*
Singapore: Indian	12	**1.6**	*0.47*	0.21	*0.07*	9	**1.5**	*0.52*	0.26	*0.09*
Singapore: Malay	31	**3.2**	*0.61*	0.40	*0.09*	26	**2.3**	*0.46*	0.27	*0.06*
Thailand, Bangkok	143	**1.0**	*0.09*	0.10	*0.01*	141	**0.8**	*0.07*	0.09	*0.01*
Thailand, Chiang Mai	32	**0.8**	*0.14*	0.09	*0.02*	23	**0.5**	*0.11*	0.06	*0.01*
Thailand, Chonburi	20	**0.8**	*0.18*	0.08	*0.02*	29	**1.0**	*0.19*	0.10	*0.02*
*Thailand, Khon Kaen	28	**0.7**	*0.13*	0.10	*0.02*	31	**0.7**	*0.12*	0.08	*0.02*
Thailand, Lampang	37	**1.5**	*0.25*	0.17	*0.03*	27	**1.0**	*0.19*	0.13	*0.03*
*Thailand, Songkhla	33	**1.3**	*0.23*	0.13	*0.03*	34	**1.2**	*0.20*	0.14	*0.03*
*Turkey, Antalya	80	**2.2**	*0.25*	0.28	*0.04*	69	**1.8**	*0.22*	0.22	*0.03*
*Turkey, Edirne	23	**2.3**	*0.49*	0.32	*0.07*	14	**1.1**	*0.30*	0.12	*0.04*
*Turkey, Izmir	235	**2.5**	*0.16*	0.31	*0.02*	217	**2.1**	*0.14*	0.26	*0.02*
*Turkey, Trabzon	36	**3.3**	*0.57*	0.42	*0.08*	24	**1.7**	*0.36*	0.17	*0.05*
Europe										
Austria	989	**2.9**	*0.09*	0.34	*0.01*	1058	**2.1**	*0.08*	0.27	*0.01*
Austria, Tyrol	84	**3.1**	*0.35*	0.32	*0.04*	65	**1.6**	*0.22*	0.18	*0.03*
Austria, Vorarlberg	55	**4.0**	*0.58*	0.41	*0.07*	59	**3.3**	*0.48*	0.39	*0.07*
*Belarus	488	**1.7**	*0.08*	0.22	*0.01*	705	**1.6**	*0.06*	0.21	*0.01*
*Belgium	1538	**4.1**	*0.11*	0.50	*0.02*	1336	**2.9**	*0.09*	0.36	*0.01*
Bulgaria	417	**1.3**	*0.07*	0.16	*0.01*	449	**1.2**	*0.06*	0.16	*0.01*
Croatia	456	**2.5**	*0.12*	0.30	*0.02*	513	**2.1**	*0.10*	0.27	*0.01*
Cyprus	103	**3.6**	*0.37*	0.43	*0.06*	91	**3.2**	*0.35*	0.39	*0.05*
Czech Republic	996	**2.5**	*0.08*	0.30	*0.01*	964	**1.8**	*0.06*	0.23	*0.01*
Denmark	855	**3.6**	*0.13*	0.43	*0.02*	658	**2.3**	*0.10*	0.27	*0.01*
*Estonia	134	**2.9**	*0.25*	0.35	*0.04*	151	**1.9**	*0.18*	0.23	*0.02*
Finland	778	**3.3**	*0.12*	0.37	*0.02*	748	**2.3**	*0.10*	0.27	*0.01*
*France, Bas−Rhin	193	**4.7**	*0.35*	0.57	*0.05*	177	**3.1**	*0.27*	0.36	*0.04*
*France, Calvados	114	**4.0**	*0.40*	0.44	*0.06*	108	**2.9**	*0.32*	0.35	*0.05*
*France, Doubs	80	**3.6**	*0.43*	0.40	*0.06*	73	**2.6**	*0.36*	0.31	*0.05*
*France, Haut−Rhin	108	**3.6**	*0.36*	0.44	*0.05*	115	**3.2**	*0.33*	0.40	*0.05*
*France, Hérault	151	**3.4**	*0.30*	0.41	*0.04*	134	**2.1**	*0.21*	0.25	*0.03*
*France, Isère	180	**3.7**	*0.29*	0.41	*0.04*	153	**2.4**	*0.22*	0.30	*0.03*
*France, Loire−Atlantique	184	**3.8**	*0.29*	0.47	*0.04*	156	**2.2**	*0.21*	0.23	*0.03*
*France, Manche	76	**3.1**	*0.39*	0.38	*0.06*	84	**2.5**	*0.33*	0.30	*0.05*
*France, Somme	90	**4.0**	*0.45*	0.49	*0.07*	77	**2.5**	*0.33*	0.34	*0.05*
*France, Tarn	70	**3.4**	*0.46*	0.35	*0.06*	66	**2.4**	*0.36*	0.27	*0.05*
*France, Vendée	114	**3.7**	*0.38*	0.44	*0.06*	79	**2.4**	*0.30*	0.31	*0.04*
Germany, Brandenburg	499	**4.1**	*0.19*	0.48	*0.03*	407	**2.6**	*0.15*	0.31	*0.02*
Germany, Bremen	130	**3.9**	*0.36*	0.47	*0.05*	110	**2.3**	*0.25*	0.28	*0.04*
Germany, Free State of Saxony	872	**3.9**	*0.14*	0.47	*0.02*	896	**2.8**	*0.11*	0.35	*0.02*
Germany, Hamburg	283	**3.6**	*0.23*	0.40	*0.03*	272	**2.5**	*0.17*	0.32	*0.03*
Germany, Mecklenburg−Western Pomerania	287	**3.6**	*0.22*	0.41	*0.03*	290	**2.7**	*0.17*	0.33	*0.02*
Germany, Munich	421	**2.5**	*0.12*	0.31	*0.02*	376	**1.7**	*0.10*	0.22	*0.01*
Germany, North Rhine−Westphalia	433	**3.6**	*0.18*	0.44	*0.03*	379	**2.4**	*0.14*	0.28	*0.02*
Germany, Saarland	168	**3.2**	*0.26*	0.39	*0.04*	176	**2.6**	*0.22*	0.30	*0.03*
Germany, Schleswig−Holstein	665	**4.7**	*0.19*	0.54	*0.03*	577	**3.1**	*0.14*	0.37	*0.02*
Iceland	40	**3.8**	*0.62*	0.56	*0.11*	51	**3.9**	*0.60*	0.52	*0.10*
Ireland	611	**4.3**	*0.18*	0.49	*0.03*	510	**3.1**	*0.15*	0.38	*0.02*
Italy, Biella	32	**3.1**	*0.58*	0.39	*0.08*	47	**2.9**	*0.53*	0.33	*0.07*
Italy, Brescia	160	**4.2**	*0.34*	0.48	*0.05*	158	**3.3**	*0.29*	0.41	*0.04*
Italy, Catania and Messina	157	**3.5**	*0.30*	0.41	*0.04*	143	**2.6**	*0.25*	0.34	*0.03*
Italy, Catanzaro	58	**5.1**	*0.71*	0.61	*0.10*	50	**4.2**	*0.66*	0.53	*0.09*
Italy, Como	94	**3.5**	*0.38*	0.40	*0.05*	91	**2.6**	*0.30*	0.32	*0.04*
Italy, Ferrara	77	**3.4**	*0.42*	0.40	*0.06*	82	**2.6**	*0.36*	0.30	*0.05*
Italy, Florence and Prato	181	**4.4**	*0.36*	0.53	*0.05*	158	**2.9**	*0.28*	0.34	*0.04*
Italy, Friuli−Venezia Giulia	252	**3.8**	*0.26*	0.48	*0.04*	259	**2.9**	*0.21*	0.34	*0.03*
Italy, Genoa	188	**4.1**	*0.33*	0.47	*0.05*	207	**3.0**	*0.26*	0.35	*0.04*
Italy, Latina	75	**3.2**	*0.39*	0.43	*0.06*	92	**3.4**	*0.38*	0.45	*0.06*
Italy, Lecco	52	**3.4**	*0.49*	0.38	*0.07*	49	**2.5**	*0.39*	0.32	*0.06*
Italy, Lombardy, South	122	**5.6**	*0.54*	0.69	*0.08*	114	**4.2**	*0.47*	0.45	*0.06*
Italy, Mantua	48	**4.0**	*0.61*	0.55	*0.09*	39	**2.8**	*0.51*	0.34	*0.07*
Italy, Milan	159	**3.0**	*0.26*	0.36	*0.04*	164	**1.9**	*0.18*	0.24	*0.03*
Italy, Modena	160	**4.4**	*0.38*	0.48	*0.05*	157	**3.7**	*0.35*	0.44	*0.05*
Italy, Naples	79	**4.4**	*0.50*	0.54	*0.07*	69	**3.1**	*0.39*	0.37	*0.06*
Italy, Nuoro	34	**2.6**	*0.49*	0.28	*0.07*	37	**2.7**	*0.49*	0.36	*0.07*
Italy, Palermo	145	**3.3**	*0.29*	0.40	*0.04*	138	**2.5**	*0.24*	0.33	*0.04*
Italy, Parma	108	**4.5**	*0.47*	0.51	*0.07*	134	**3.6**	*0.40*	0.41	*0.06*
Italy, Ragusa	52	**3.7**	*0.57*	0.41	*0.07*	49	**3.1**	*0.50*	0.35	*0.06*
Italy, Reggio Emilia	107	**4.1**	*0.43*	0.48	*0.06*	114	**3.5**	*0.39*	0.44	*0.06*
Italy, Romagna	359	**5.3**	*0.31*	0.62	*0.04*	333	**4.2**	*0.27*	0.50	*0.04*
Italy, Salerno	159	**3.2**	*0.27*	0.38	*0.04*	167	**2.4**	*0.22*	0.27	*0.03*
Italy, Sassari	69	**3.2**	*0.40*	0.36	*0.06*	89	**3.4**	*0.40*	0.41	*0.06*
Italy, Sondrio	42	**5.0**	*0.81*	0.55	*0.11*	43	**3.3**	*0.60*	0.41	*0.09*
Italy, South Tyrol	52	**3.1**	*0.45*	0.31	*0.06*	63	**2.7**	*0.39*	0.38	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Multiple myeloma (C90) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	59	**3.0**	*0.42*	0.36	*0.06*	52	**2.0**	*0.31*	0.22	*0.05*
Italy, Trapani	71	**4.0**	*0.52*	0.49	*0.08*	69	**3.1**	*0.42*	0.37	*0.06*
Italy, Trento	65	**3.3**	*0.44*	0.36	*0.06*	73	**2.7**	*0.37*	0.32	*0.05*
Italy, Turin	224	**4.2**	*0.30*	0.55	*0.05*	204	**2.8**	*0.23*	0.34	*0.03*
Italy, Umbria	190	**3.9**	*0.31*	0.47	*0.04*	166	**2.9**	*0.27*	0.34	*0.04*
Italy, Varese	194	**4.8**	*0.36*	0.54	*0.05*	179	**3.3**	*0.28*	0.41	*0.04*
Italy, Veneto	398	**4.5**	*0.24*	0.54	*0.03*	431	**3.7**	*0.21*	0.44	*0.03*
Latvia	127	**2.0**	*0.18*	0.28	*0.03*	212	**2.0**	*0.15*	0.26	*0.02*
Lithuania	300	**2.7**	*0.16*	0.33	*0.02*	451	**2.4**	*0.12*	0.30	*0.02*
Malta	38	**2.5**	*0.41*	0.31	*0.06*	31	**1.5**	*0.30*	0.17	*0.04*
*The Netherlands	2581	**3.9**	*0.08*	0.46	*0.01*	2096	**2.5**	*0.06*	0.32	*0.01*
*The Netherlands, Eindhoven	157	**3.6**	*0.30*	0.42	*0.04*	121	**2.4**	*0.23*	0.29	*0.03*
Norway	924	**4.7**	*0.16*	0.55	*0.02*	769	**3.0**	*0.13*	0.37	*0.02*
Poland, Cracow	40	**1.8**	*0.29*	0.26	*0.05*	53	**1.7**	*0.25*	0.20	*0.03*
Poland, Kielce	127	**2.7**	*0.25*	0.35	*0.04*	159	**2.4**	*0.21*	0.30	*0.03*
Poland, Lower Silesia	197	**2.0**	*0.15*	0.24	*0.02*	244	**1.7**	*0.12*	0.23	*0.02*
Poland, Podkarpackie	145	**2.2**	*0.19*	0.27	*0.03*	165	**1.8**	*0.15*	0.23	*0.02*
Portugal, Azores	23	**2.9**	*0.63*	0.37	*0.09*	25	**2.1**	*0.47*	0.24	*0.07*
Russian Federation, Saint Petersburg	234	**1.6**	*0.11*	0.20	*0.02*	408	**1.5**	*0.08*	0.19	*0.01*
*Serbia, Central	264	**1.2**	*0.08*	0.15	*0.01*	245	**0.9**	*0.06*	0.12	*0.01*
Slovakia	547	**3.2**	*0.14*	0.39	*0.02*	649	**2.7**	*0.11*	0.33	*0.02*
Slovenia	263	**3.4**	*0.21*	0.42	*0.03*	269	**2.4**	*0.16*	0.30	*0.02*
Spain, Albacete	71	**4.0**	*0.53*	0.49	*0.08*	53	**2.6**	*0.41*	0.37	*0.06*
Spain, Asturias	122	**2.0**	*0.20*	0.23	*0.03*	141	**1.8**	*0.19*	0.22	*0.03*
Spain, Basque Country	314	**2.8**	*0.17*	0.33	*0.03*	342	**2.5**	*0.16*	0.30	*0.02*
Spain, Canary Islands	143	**3.0**	*0.26*	0.39	*0.04*	146	**2.5**	*0.22*	0.28	*0.03*
Spain, Ciudad Real	60	**3.1**	*0.45*	0.37	*0.06*	52	**1.7**	*0.28*	0.19	*0.04*
Spain, Cuenca	56	**4.8**	*0.75*	0.59	*0.10*	36	**2.2**	*0.49*	0.26	*0.07*
Spain, Girona	100	**3.3**	*0.36*	0.43	*0.06*	88	**2.4**	*0.30*	0.27	*0.04*
*Spain, Granada	96	**2.7**	*0.30*	0.32	*0.04*	100	**2.4**	*0.27*	0.29	*0.04*
Spain, La Rioja	32	**2.4**	*0.45*	0.29	*0.06*	41	**2.6**	*0.47*	0.30	*0.06*
Spain, Mallorca	110	**3.6**	*0.36*	0.43	*0.05*	92	**2.4**	*0.28*	0.32	*0.04*
Spain, Murcia	190	**3.7**	*0.29*	0.47	*0.04*	171	**2.7**	*0.23*	0.34	*0.03*
Spain, Navarra	60	**2.0**	*0.28*	0.23	*0.04*	76	**2.2**	*0.30*	0.28	*0.04*
Spain, Tarragona	100	**3.1**	*0.34*	0.38	*0.05*	98	**2.4**	*0.28*	0.26	*0.04*
*Sweden	1564	**3.5**	*0.09*	0.42	*0.01*	1293	**2.4**	*0.08*	0.30	*0.01*
Switzerland, Basel	76	**3.5**	*0.43*	0.45	*0.07*	73	**2.3**	*0.31*	0.30	*0.05*
Switzerland, Geneva	56	**3.2**	*0.44*	0.37	*0.06*	66	**2.6**	*0.37*	0.32	*0.06*
Switzerland, Graubünden and Glarus	33	**3.3**	*0.60*	0.37	*0.08*	35	**3.1**	*0.58*	0.39	*0.08*
Switzerland, Neuchâtel	38	**4.6**	*0.82*	0.50	*0.12*	22	**1.9**	*0.49*	0.21	*0.07*
Switzerland, St Gall−Appenzell	91	**4.1**	*0.45*	0.50	*0.07*	67	**2.6**	*0.35*	0.27	*0.04*
Switzerland, Ticino	66	**4.0**	*0.53*	0.44	*0.07*	74	**3.3**	*0.44*	0.38	*0.06*
Switzerland, Valais	55	**4.2**	*0.59*	0.52	*0.09*	35	**2.2**	*0.40*	0.29	*0.06*
Switzerland, Vaud	102	**3.7**	*0.39*	0.45	*0.06*	95	**2.6**	*0.30*	0.31	*0.04*
Switzerland, Zurich	238	**4.2**	*0.29*	0.49	*0.04*	200	**2.6**	*0.21*	0.32	*0.03*
Ukraine	1638	**1.1**	*0.03*	0.13	*0.00*	1988	**0.9**	*0.02*	0.11	*0.00*
UK, England	9150	**4.0**	*0.04*	0.47	*0.01*	7677	**2.7**	*0.03*	0.32	*0.01*
UK, England, East of England Region	1004	**3.8**	*0.13*	0.45	*0.02*	832	**2.5**	*0.10*	0.30	*0.01*
UK, England, North Western	1002	**3.5**	*0.12*	0.40	*0.02*	929	**2.4**	*0.09*	0.29	*0.01*
UK, England, Northern and Yorkshire	1199	**3.9**	*0.12*	0.45	*0.02*	962	**2.4**	*0.09*	0.29	*0.01*
UK, England, Oxford Region	477	**4.2**	*0.20*	0.52	*0.03*	378	**2.8**	*0.16*	0.35	*0.02*
UK, England, South and Western Regions	1606	**4.5**	*0.12*	0.52	*0.02*	1372	**3.0**	*0.10*	0.35	*0.01*
UK, England, Thames	2004	**4.4**	*0.10*	0.52	*0.02*	1625	**2.8**	*0.08*	0.34	*0.01*
UK, England, Trent	556	**3.9**	*0.17*	0.46	*0.03*	483	**2.7**	*0.14*	0.33	*0.02*
UK, England, West Midlands	895	**3.6**	*0.13*	0.41	*0.02*	785	**2.5**	*0.10*	0.30	*0.02*
UK, Northern Ireland	369	**5.4**	*0.29*	0.60	*0.04*	255	**3.0**	*0.21*	0.36	*0.03*
UK, Scotland	949	**4.2**	*0.14*	0.50	*0.02*	871	**2.7**	*0.10*	0.32	*0.02*
UK, Wales	615	**4.2**	*0.18*	0.48	*0.03*	566	**3.0**	*0.15*	0.35	*0.02*
Oceania										
Australian Capital Territory	48	**4.7**	*0.69*	0.56	*0.10*	38	**3.2**	*0.55*	0.40	*0.09*
Australia, New South Wales	1278	**4.7**	*0.14*	0.56	*0.02*	978	**3.0**	*0.11*	0.35	*0.02*
Australia, Northern Territory	18	**4.3**	*1.05*	0.55	*0.18*	9	**2.6**	*0.90*	0.26	*0.13*
Australia, Northern Territory: Indigenous	2	**4.6**	*3.26*	1.15	*0.82*	0	**-**	-	–	-
Australia, Northern Territory: Non−Indigenous	16	**4.3**	*1.10*	0.45	*0.16*	9	**3.4**	*1.19*	0.35	*0.18*
Australia, Queensland	617	**3.9**	*0.16*	0.43	*0.02*	464	**2.7**	*0.14*	0.32	*0.02*
South Australia	271	**3.9**	*0.25*	0.47	*0.04*	223	**2.8**	*0.21*	0.34	*0.03*
Australia, Tasmania	110	**5.6**	*0.55*	0.67	*0.08*	78	**3.1**	*0.39*	0.41	*0.06*
Australia, Victoria	897	**4.3**	*0.15*	0.49	*0.02*	730	**3.0**	*0.12*	0.35	*0.02*
Western Australia	315	**4.1**	*0.24*	0.47	*0.04*	261	**3.0**	*0.20*	0.34	*0.03*
New Zealand	695	**4.6**	*0.18*	0.55	*0.03*	554	**3.1**	*0.14*	0.38	*0.02*
New Zealand: Maori	39	**4.2**	*0.68*	0.57	*0.11*	64	**5.8**	*0.75*	0.68	*0.11*
New Zealand: Pacific Islander	30	**8.4**	*1.65*	1.15	*0.25*	27	**5.9**	*1.16*	0.78	*0.18*
New Zealand: Other	626	**4.5**	*0.19*	0.53	*0.03*	463	**2.8**	*0.14*	0.34	*0.02*
USA, Hawaii	172	**3.5**	*0.28*	0.43	*0.04*	133	**2.2**	*0.21*	0.27	*0.03*
*USA, Hawaii: Chinese	6	**1.7**	*0.76*	0.14	*0.08*	4	**0.9**	*0.53*	0.10	*0.08*
*USA, Hawaii: Filipino	28	**4.8**	*0.97*	0.71	*0.16*	29	**4.0**	*0.80*	0.53	*0.12*
*USA, Hawaii: Hawaiian	28	**4.3**	*0.86*	0.57	*0.14*	28	**3.5**	*0.69*	0.45	*0.10*
*USA, Hawaii: Japanese	31	**2.2**	*0.43*	0.27	*0.07*	28	**1.2**	*0.30*	0.13	*0.04*
*USA, Hawaii: White	66	**4.8**	*0.62*	0.54	*0.09*	35	**2.4**	*0.44*	0.27	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia (C91-95)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	107	**3.7**	*0.38*	–	-	90	**3.0**	*0.33*	–	-
Egypt, Gharbiah	461	**5.3**	*0.26*	0.51	*0.03*	395	**4.8**	*0.25*	0.47	*0.03*
*Libya, Benghazi	80	**4.8**	*0.59*	0.47	*0.08*	87	**4.8**	*0.57*	0.47	*0.08*
*Malawi, Blantyre	19	**1.0**	*0.29*	0.10	*0.05*	13	**0.9**	*0.36*	0.12	*0.06*
*South Africa, PROMEC	3	**0.1**	*0.09*	0.02	*0.01*	10	**0.4**	*0.12*	0.04	*0.01*
*Tunisia, North	255	**3.6**	*0.23*	0.33	*0.03*	190	**2.7**	*0.20*	0.25	*0.02*
*Uganda, Kyadondo County	66	**2.3**	*0.45*	0.26	*0.07*	46	**1.4**	*0.30*	0.11	*0.04*
*Zimbabwe, Harare: African	41	**2.6**	*0.52*	0.25	*0.07*	34	**3.1**	*0.67*	0.44	*0.12*
America, Central and South										
Argentina, Bahía Blanca	69	**8.4**	*1.16*	0.87	*0.14*	77	**8.1**	*1.18*	0.68	*0.10*
Argentina, Córdoba	169	**6.5**	*0.51*	0.61	*0.06*	143	**4.6**	*0.41*	0.40	*0.04*
Argentina, Mendoza	303	**7.1**	*0.42*	0.67	*0.05*	276	**5.5**	*0.35*	0.49	*0.04*
*Argentina, Tierra del Fuego	14	**5.5**	*1.58*	0.53	*0.23*	7	**4.0**	*1.64*	0.20	*0.11*
Brazil, Aracaju	51	**7.6**	*1.11*	0.67	*0.13*	38	**4.1**	*0.69*	0.41	*0.08*
Brazil, Belo Horizonte	175	**6.4**	*0.49*	0.61	*0.06*	194	**5.3**	*0.39*	0.48	*0.04*
Brazil, Cuiabá	74	**6.6**	*0.82*	0.61	*0.11*	65	**5.0**	*0.66*	0.41	*0.07*
Brazil, Fortaleza	206	**5.6**	*0.41*	0.47	*0.05*	160	**3.6**	*0.29*	0.31	*0.03*
Brazil, Goiânia	230	**9.8**	*0.68*	0.86	*0.08*	214	**7.7**	*0.54*	0.70	*0.06*
*Brazil, São Paulo	1512	**6.5**	*0.17*	0.57	*0.02*	1382	**4.8**	*0.13*	0.41	*0.01*
Chile, Region of Antofagasta	57	**5.0**	*0.68*	0.39	*0.07*	56	**4.4**	*0.60*	0.42	*0.07*
Chile, Bío Bío Province	55	**5.8**	*0.81*	0.49	*0.09*	55	**5.6**	*0.79*	0.45	*0.08*
Chile, Valdivia	61	**6.7**	*0.89*	0.49	*0.08*	50	**5.1**	*0.77*	0.37	*0.06*
Colombia, Bucaramanga	208	**9.2**	*0.65*	0.83	*0.08*	147	**5.7**	*0.49*	0.53	*0.05*
Colombia, Cali	348	**7.7**	*0.42*	0.71	*0.05*	372	**6.9**	*0.37*	0.61	*0.04*
Colombia, Manizales	49	**5.5**	*0.80*	0.41	*0.07*	54	**5.3**	*0.76*	0.45	*0.07*
Colombia, Pasto	49	**5.7**	*0.83*	0.52	*0.10*	34	**3.7**	*0.64*	0.32	*0.07*
Costa Rica	534	**5.5**	*0.24*	0.47	*0.03*	439	**4.6**	*0.23*	0.38	*0.02*
Cuba, Villa Clara	111	**5.0**	*0.53*	0.48	*0.06*	77	**3.5**	*0.44*	0.35	*0.05*
Ecuador, Cuenca	63	**5.8**	*0.77*	0.39	*0.07*	59	**5.2**	*0.70*	0.46	*0.08*
Ecuador, Quito	239	**7.0**	*0.47*	0.56	*0.05*	264	**7.2**	*0.46*	0.63	*0.05*
*France, Martinique	95	**7.5**	*0.82*	0.80	*0.10*	61	**3.9**	*0.58*	0.34	*0.06*
*Jamaica, Kingston and St Andrew	84	**5.6**	*0.63*	0.54	*0.08*	65	**4.1**	*0.54*	0.48	*0.07*
USA, Puerto Rico	778	**6.4**	*0.25*	0.58	*0.03*	590	**4.3**	*0.20*	0.40	*0.02*
Uruguay	404	**6.7**	*0.35*	0.65	*0.04*	365	**5.1**	*0.31*	0.48	*0.03*
America, North										
Canada	12691	**11.4**	*0.11*	1.13	*0.01*	9278	**7.3**	*0.09*	0.70	*0.01*
Canada, Alberta	1242	**12.3**	*0.37*	1.24	*0.05*	873	**8.0**	*0.31*	0.81	*0.04*
Canada, British Columbia	1668	**11.0**	*0.31*	1.09	*0.03*	1165	**7.0**	*0.26*	0.67	*0.03*
Canada, Manitoba	497	**11.8**	*0.59*	1.20	*0.07*	375	**7.8**	*0.48*	0.78	*0.05*
Canada, New Brunswick	269	**10.7**	*0.77*	1.08	*0.08*	205	**7.1**	*0.63*	0.69	*0.06*
Canada, Newfoundland and Labrador	94	**5.9**	*0.72*	0.56	*0.06*	69	**4.9**	*0.73*	0.38	*0.05*
*Canada, Northwest Territories	11	**10.0**	*3.20*	0.86	*0.34*	7	**7.3**	*2.93*	0.64	*0.35*
Canada, Nova Scotia	370	**10.9**	*0.65*	1.12	*0.07*	280	**6.6**	*0.50*	0.65	*0.05*
Canada, Ontario	4980	**11.7**	*0.18*	1.17	*0.02*	3665	**7.4**	*0.15*	0.72	*0.02*
Canada, Prince Edward Island	83	**17.1**	*2.17*	1.73	*0.23*	42	**7.5**	*1.53*	0.69	*0.15*
*Canada, Quebec	2968	**11.0**	*0.23*	1.05	*0.03*	2247	**7.0**	*0.19*	0.65	*0.02*
Canada, Saskatchewan	499	**13.6**	*0.70*	1.37	*0.08*	346	**8.4**	*0.56*	0.85	*0.06*
*Canada, Yukon	10	**9.9**	*3.32*	0.86	*0.35*	4	**5.0**	*2.55*	0.61	*0.35*
USA, NPCR (42 states)	94689	**11.1**	*0.04*	1.10	*0.00*	71685	**7.1**	*0.03*	0.68	*0.00*
USA, NPCR (42 states): American Indian	440	**6.7**	*0.32*	0.66	*0.04*	325	**4.4**	*0.25*	0.43	*0.03*
USA, NPCR (42 states): Asian and Pacific Islander	1537	**5.2**	*0.14*	0.45	*0.02*	1238	**3.7**	*0.11*	0.33	*0.01*
USA, NPCR (42 states): Black	7018	**8.6**	*0.10*	0.89	*0.01*	6085	**5.6**	*0.08*	0.55	*0.01*
USA, NPCR (42 states): White	83512	**11.4**	*0.04*	1.13	*0.01*	62454	**7.3**	*0.04*	0.69	*0.00*
USA, SEER (9 registries)	10113	**11.4**	*0.12*	1.15	*0.02*	7609	**7.3**	*0.10*	0.70	*0.01*
*USA, SEER (9 registries): Black	733	**9.4**	*0.36*	0.91	*0.05*	605	**5.8**	*0.25*	0.60	*0.03*
*USA, SEER (9 registries): White	8629	**12.0**	*0.14*	1.22	*0.02*	6395	**7.7**	*0.11*	0.74	*0.01*
USA, SEER (18 registries)	28006	**11.1**	*0.07*	1.09	*0.01*	21143	**7.1**	*0.06*	0.67	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	1327	**6.7**	*0.19*	0.59	*0.02*	1081	**4.9**	*0.16*	0.43	*0.02*
*USA, SEER (18 registries): Black	2064	**9.0**	*0.20*	0.92	*0.03*	1722	**5.7**	*0.14*	0.57	*0.02*
*USA, SEER (18 registries): Hispanic White	3142	**9.2**	*0.17*	0.82	*0.02*	2440	**6.8**	*0.14*	0.62	*0.02*
*USA, SEER (18 registries): Non–Hispanic White	20858	**11.7**	*0.09*	1.18	*0.01*	15445	**7.4**	*0.07*	0.71	*0.01*
*USA, SEER (18 registries): White	24000	**11.6**	*0.08*	1.14	*0.01*	17885	**7.4**	*0.07*	0.71	*0.01*
USA, Alabama	1458	**9.7**	*0.27*	1.01	*0.03*	1137	**6.4**	*0.22*	0.62	*0.02*
USA, Alabama: Black	214	**7.3**	*0.51*	0.72	*0.06*	217	**5.4**	*0.40*	0.53	*0.05*
USA, Alabama: White	1206	**10.2**	*0.32*	1.06	*0.04*	893	**6.7**	*0.27*	0.64	*0.03*
USA, Alaska	197	**11.6**	*0.86*	1.14	*0.11*	129	**7.6**	*0.70*	0.83	*0.09*
*USA, Alaska: American Indian	22	**8.5**	*1.84*	0.74	*0.21*	17	**6.5**	*1.60*	0.62	*0.19*
USA, Arizona	1686	**8.5**	*0.23*	0.83	*0.03*	1247	**5.9**	*0.19*	0.51	*0.02*
USA, Arizona: American Indian	50	**6.8**	*0.97*	0.49	*0.09*	29	**3.7**	*0.70*	0.32	*0.07*
USA, Arizona: Asian and Pacific Islander	14	**4.3**	*1.18*	0.37	*0.13*	13	**3.0**	*0.86*	0.25	*0.08*
USA, Arizona: Black	42	**7.5**	*1.20*	0.73	*0.15*	28	**4.4**	*0.85*	0.31	*0.10*
USA, Arizona: White	1545	**8.5**	*0.24*	0.83	*0.03*	1162	**6.0**	*0.21*	0.52	*0.02*
USA, Arkansas	968	**10.1**	*0.35*	1.04	*0.04*	753	**6.6**	*0.28*	0.63	*0.03*
USA, Arkansas: Black	89	**8.5**	*0.92*	0.80	*0.12*	78	**5.6**	*0.68*	0.64	*0.09*
USA, Arkansas: White	862	**10.3**	*0.39*	1.05	*0.05*	662	**6.8**	*0.32*	0.63	*0.03*
USA, California	11204	**10.6**	*0.11*	1.01	*0.01*	8307	**6.9**	*0.09*	0.63	*0.01*
USA, California: American Indian	33	**3.1**	*0.56*	0.29	*0.07*	36	**2.7**	*0.47*	0.31	*0.07*
USA, California: Asian and Pacific Islander	748	**5.9**	*0.23*	0.51	*0.02*	583	**4.1**	*0.19*	0.36	*0.02*
USA, California: Black	537	**8.6**	*0.38*	0.87	*0.05*	425	**5.4**	*0.28*	0.55	*0.03*
USA, California: White	9517	**11.2**	*0.12*	1.07	*0.01*	7007	**7.2**	*0.10*	0.67	*0.01*
USA, California, Los Angeles County	2893	**10.7**	*0.21*	1.00	*0.02*	2195	**6.9**	*0.16*	0.64	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander	248	**6.4**	*0.45*	0.56	*0.05*	195	**4.3**	*0.37*	0.38	*0.03*
*USA, California, Los Angeles County: Black	210	**8.2**	*0.58*	0.82	*0.07*	198	**5.6**	*0.43*	0.56	*0.05*
*USA, California, Los Angeles County: Chinese	78	**7.2**	*0.93*	0.61	*0.09*	55	**4.7**	*0.74*	0.39	*0.07*
*USA, California, Los Angeles County: Filipino	63	**7.4**	*0.99*	0.58	*0.10*	48	**4.2**	*0.70*	0.40	*0.07*
*USA, California, Los Angeles County: Hispanic White	884	**9.4**	*0.33*	0.79	*0.04*	669	**6.6**	*0.26*	0.59	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia (C91-95) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	28	**5.1**	*1.22*	0.55	*0.14*	21	**3.8**	*1.05*	0.34	*0.09*
*USA, California, Los Angeles County: Korean	23	**4.4**	*1.04*	0.35	*0.09*	21	**2.7**	*0.62*	0.28	*0.08*
*USA, California, Los Angeles County: Non−Hispanic White	1478	**12.6**	*0.40*	1.23	*0.04*	1069	**7.5**	*0.31*	0.73	*0.03*
*USA, California, Los Angeles County: White	2362	**11.6**	*0.25*	1.08	*0.03*	1738	**7.4**	*0.20*	0.69	*0.02*
USA, California, San Francisco Bay Area	1356	**10.1**	*0.30*	1.01	*0.04*	993	**6.4**	*0.24*	0.62	*0.03*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	173	**6.1**	*0.51*	0.51	*0.05*	136	**4.3**	*0.43*	0.39	*0.04*
*USA, California, San Francisco Bay Area: Black	95	**8.4**	*0.90*	0.78	*0.11*	81	**5.6**	*0.68*	0.61	*0.09*
*USA, California, San Francisco Bay Area: Hispanic White	125	**7.7**	*0.72*	0.69	*0.09*	103	**5.5**	*0.57*	0.45	*0.07*
*USA, California, San Francisco Bay Area: Non−Hispanic White	925	**11.6**	*0.45*	1.22	*0.05*	648	**7.2**	*0.37*	0.73	*0.04*
*USA, California, San Francisco Bay Area: White	1050	**11.2**	*0.39*	1.16	*0.05*	751	**7.0**	*0.31*	0.69	*0.03*
USA, Colorado	1556	**11.3**	*0.30*	1.08	*0.04*	1139	**7.1**	*0.23*	0.70	*0.03*
USA, Colorado: Asian and Pacific Islander	18	**6.3**	*1.54*	0.75	*0.25*	12	**3.3**	*0.98*	0.29	*0.10*
USA, Colorado: Black	44	**9.9**	*1.55*	1.04	*0.21*	18	**3.4**	*0.82*	0.38	*0.12*
USA, Colorado: White	1420	**11.0**	*0.31*	1.04	*0.04*	1046	**6.9**	*0.24*	0.68	*0.03*
USA, Connecticut	1278	**10.9**	*0.34*	1.07	*0.04*	943	**6.7**	*0.27*	0.60	*0.03*
*USA, Connecticut: Black	71	**8.5**	*1.03*	0.85	*0.14*	54	**4.8**	*0.68*	0.50	*0.09*
*USA, Connecticut: White	1174	**11.2**	*0.37*	1.09	*0.04*	870	**7.1**	*0.31*	0.62	*0.03*
USA, Delaware	279	**9.9**	*0.65*	0.97	*0.07*	202	**6.1**	*0.50*	0.58	*0.05*
USA, Delaware: Black	35	**8.2**	*1.42*	0.84	*0.18*	34	**6.6**	*1.20*	0.55	*0.12*
USA, Delaware: White	238	**10.3**	*0.76*	1.00	*0.08*	164	**5.9**	*0.55*	0.57	*0.06*
USA, Florida	7217	**10.5**	*0.14*	1.05	*0.02*	5327	**6.6**	*0.11*	0.63	*0.01*
USA, Florida: Asian and Pacific Islander	34	**3.4**	*0.60*	0.30	*0.07*	30	**2.4**	*0.47*	0.25	*0.06*
USA, Florida: Black	520	**8.0**	*0.36*	0.84	*0.05*	487	**5.9**	*0.28*	0.59	*0.03*
USA, Florida: White	6552	**10.8**	*0.16*	1.08	*0.02*	4744	**6.8**	*0.13*	0.64	*0.01*
USA, Georgia	2673	**10.5**	*0.21*	1.06	*0.03*	2090	**6.8**	*0.16*	0.65	*0.02*
USA, Georgia: Asian and Pacific Islander	24	**4.7**	*0.98*	0.45	*0.12*	26	**4.3**	*0.88*	0.42	*0.12*
USA, Georgia: Black	521	**9.3**	*0.42*	1.00	*0.06*	449	**5.6**	*0.28*	0.53	*0.03*
USA, Georgia: White	2102	**11.0**	*0.25*	1.08	*0.03*	1587	**7.2**	*0.21*	0.70	*0.02*
USA, Georgia, Atlanta	835	**10.4**	*0.37*	1.00	*0.05*	633	**6.4**	*0.28*	0.63	*0.03*
*USA, Georgia, Atlanta: Black	220	**9.7**	*0.69*	0.98	*0.10*	171	**5.3**	*0.43*	0.51	*0.06*
*USA, Georgia, Atlanta: White	585	**10.9**	*0.47*	1.04	*0.06*	436	**7.2**	*0.39*	0.69	*0.04*
USA, Idaho	579	**12.1**	*0.54*	1.17	*0.07*	419	**8.2**	*0.45*	0.79	*0.05*
USA, Illinois	4664	**11.4**	*0.18*	1.13	*0.02*	3551	**7.2**	*0.14*	0.68	*0.02*
USA, Illinois: Asian and Pacific Islander	36	**2.8**	*0.48*	0.23	*0.06*	52	**3.7**	*0.54*	0.30	*0.05*
USA, Illinois: Black	427	**9.3**	*0.46*	0.97	*0.06*	377	**5.8**	*0.32*	0.54	*0.04*
USA, Illinois: White	4093	**11.8**	*0.20*	1.16	*0.02*	3041	**7.4**	*0.16*	0.70	*0.02*
USA, Indiana	2200	**10.8**	*0.25*	1.07	*0.03*	1696	**6.9**	*0.20*	0.65	*0.02*
USA, Indiana: Black	114	**8.1**	*0.78*	0.78	*0.10*	90	**5.1**	*0.57*	0.50	*0.07*
USA, Indiana: White	2024	**10.9**	*0.26*	1.07	*0.03*	1568	**7.0**	*0.21*	0.65	*0.02*
USA, Iowa	1407	**12.5**	*0.37*	1.31	*0.05*	1089	**8.0**	*0.30*	0.78	*0.03*
USA, Kentucky	1558	**11.7**	*0.32*	1.17	*0.04*	1212	**7.1**	*0.24*	0.72	*0.03*
USA, Louisiana	1193	**10.9**	*0.34*	1.11	*0.04*	883	**6.5**	*0.25*	0.63	*0.03*
*USA, Louisiana: Black	261	**9.8**	*0.62*	1.04	*0.08*	206	**5.6**	*0.41*	0.55	*0.05*
*USA, Louisiana: White	928	**11.6**	*0.42*	1.16	*0.05*	671	**7.1**	*0.33*	0.67	*0.03*
*USA, Louisiana, New Orleans	192	**9.0**	*0.70*	0.98	*0.09*	156	**5.9**	*0.56*	0.60	*0.06*
*USA, Louisiana, New Orleans: Black	59	**9.0**	*1.19*	1.16	*0.18*	45	**5.0**	*0.79*	0.49	*0.10*
*USA, Louisiana, New Orleans: White	131	**9.5**	*0.99*	0.94	*0.11*	111	**6.8**	*0.86*	0.68	*0.09*
USA, Maine	673	**13.4**	*0.57*	1.42	*0.07*	465	**8.3**	*0.49*	0.81	*0.05*
USA, Massachusetts	2338	**10.9**	*0.25*	1.08	*0.03*	1847	**7.2**	*0.21*	0.68	*0.02*
USA, Massachusetts: Asian and Pacific Islander	35	**5.1**	*0.89*	0.53	*0.12*	25	**3.5**	*0.73*	0.33	*0.08*
USA, Massachusetts: Black	69	**7.0**	*0.87*	0.75	*0.12*	75	**5.8**	*0.69*	0.57	*0.09*
USA, Massachusetts: White	2185	**11.1**	*0.27*	1.09	*0.03*	1716	**7.3**	*0.23*	0.69	*0.02*
USA, Michigan	4063	**12.2**	*0.21*	1.23	*0.03*	3062	**7.5**	*0.16*	0.74	*0.02*
USA, Michigan: Asian and Pacific Islander	30	**5.3**	*1.00*	0.36	*0.08*	31	**5.4**	*1.01*	0.62	*0.14*
USA, Michigan: Black	361	**10.0**	*0.54*	1.01	*0.07*	307	**6.2**	*0.38*	0.65	*0.05*
USA, Michigan: White	3559	**12.3**	*0.23*	1.23	*0.03*	2625	**7.5**	*0.18*	0.73	*0.02*
USA, Michigan, Detroit	1622	**12.6**	*0.34*	1.30	*0.04*	1286	**7.8**	*0.26*	0.79	*0.03*
*USA, Michigan, Detroit: Black	276	**10.6**	*0.66*	1.03	*0.08*	232	**6.2**	*0.45*	0.68	*0.06*
*USA, Michigan, Detroit: White	1291	**13.0**	*0.40*	1.36	*0.05*	1010	**8.2**	*0.32*	0.82	*0.04*
USA, Mississippi	875	**9.9**	*0.35*	1.00	*0.04*	693	**6.1**	*0.27*	0.59	*0.03*
USA, Missouri	2233	**11.4**	*0.26*	1.13	*0.03*	1669	**6.8**	*0.20*	0.63	*0.02*
USA, Missouri: Black	151	**9.6**	*0.80*	0.94	*0.10*	116	**5.1**	*0.51*	0.52	*0.06*
USA, Missouri: White	2047	**11.5**	*0.28*	1.15	*0.03*	1529	**7.1**	*0.23*	0.64	*0.02*
USA, Montana	405	**12.0**	*0.67*	1.22	*0.08*	292	**7.7**	*0.54*	0.77	*0.06*
USA, Montana: American Indian	10	**7.5**	*2.39*	0.79	*0.34*	16	**10.4**	*2.64*	1.17	*0.39*
USA, Nebraska	773	**12.7**	*0.50*	1.30	*0.06*	569	**7.9**	*0.40*	0.80	*0.05*
USA, Nebraska: Black	20	**11.0**	*2.55*	1.18	*0.37*	7	**3.6**	*1.39*	0.41	*0.18*
USA, Nebraska: White	728	**12.5**	*0.51*	1.29	*0.06*	542	**7.9**	*0.41*	0.80	*0.05*
USA, New Hampshire	518	**11.8**	*0.57*	1.21	*0.07*	386	**8.2**	*0.50*	0.78	*0.05*
USA, New Jersey	3437	**12.2**	*0.23*	1.18	*0.03*	2652	**7.7**	*0.18*	0.74	*0.02*
*USA, New Jersey: Black	264	**8.7**	*0.55*	0.85	*0.07*	241	**6.1**	*0.42*	0.58	*0.05*
*USA, New Jersey: White	2992	**12.7**	*0.26*	1.23	*0.03*	2267	**7.9**	*0.21*	0.76	*0.02*
USA, New Mexico	711	**11.7**	*0.47*	1.15	*0.05*	533	**7.8**	*0.38*	0.76	*0.04*
*USA, New Mexico: Hispanic White	202	**9.9**	*0.71*	0.93	*0.08*	144	**6.4**	*0.56*	0.59	*0.06*
*USA, New Mexico: Non−Hispanic White	473	**13.9**	*0.79*	1.38	*0.08*	347	**9.0**	*0.63*	0.90	*0.06*
*USA, New Mexico: White	675	**12.4**	*0.52*	1.22	*0.06*	491	**8.1**	*0.42*	0.79	*0.05*
USA, New York State	7661	**12.1**	*0.15*	1.21	*0.02*	6037	**7.6**	*0.12*	0.72	*0.01*
USA, New York State: Asian and Pacific Islander	164	**4.6**	*0.38*	0.39	*0.04*	121	**3.4**	*0.33*	0.27	*0.03*
USA, New York State: Black	671	**8.2**	*0.32*	0.89	*0.04*	604	**5.2**	*0.23*	0.52	*0.03*
USA, New York State: White	6646	**13.0**	*0.18*	1.29	*0.02*	5184	**8.1**	*0.14*	0.77	*0.01*
USA, North Carolina	2854	**10.5**	*0.21*	1.06	*0.03*	2228	**6.7**	*0.16*	0.66	*0.02*
USA, North Carolina: American Indian	21	**7.7**	*1.71*	0.76	*0.22*	11	**3.2**	*0.98*	0.38	*0.15*
USA, North Carolina: Asian and Pacific Islander	25	**6.8**	*1.41*	0.57	*0.16*	10	**2.1**	*0.70*	0.21	*0.09*
USA, North Carolina: Black	361	**8.0**	*0.43*	0.84	*0.06*	357	**5.6**	*0.32*	0.58	*0.04*
USA, North Carolina: White	2401	**10.8**	*0.24*	1.09	*0.03*	1822	**7.0**	*0.20*	0.67	*0.02*
USA, North Dakota	306	**12.6**	*0.83*	1.18	*0.10*	231	**9.1**	*0.73*	0.98	*0.08*
USA, Ohio	3812	**10.0**	*0.18*	1.00	*0.02*	3054	**6.6**	*0.14*	0.63	*0.02*
USA, Ohio: Asian and Pacific Islander	22	**5.5**	*1.21*	0.45	*0.12*	11	**2.4**	*0.74*	0.32	*0.11*
USA, Ohio: Black	285	**7.9**	*0.49*	0.77	*0.06*	284	**6.4**	*0.40*	0.71	*0.05*
USA, Ohio: White	3447	**10.2**	*0.19*	1.01	*0.02*	2703	**6.6**	*0.16*	0.62	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia (C91-95) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	1619	**13.4**	*0.36*	1.36	*0.04*	1295	**8.9**	*0.29*	0.87	*0.03*
USA, Oklahoma: American Indian	120	**15.4**	*1.43*	1.63	*0.19*	96	**9.9**	*1.06*	0.89	*0.12*
USA, Oklahoma: Black	60	**9.2**	*1.21*	1.00	*0.17*	66	**8.4**	*1.08*	0.80	*0.13*
USA, Oklahoma: White	1383	**13.1**	*0.39*	1.33	*0.05*	1096	**8.6**	*0.32*	0.84	*0.03*
USA, Oregon	1220	**10.1**	*0.32*	0.98	*0.04*	922	**6.7**	*0.26*	0.63	*0.03*
USA, Oregon: Asian and Pacific Islander	25	**7.5**	*1.53*	0.57	*0.17*	11	**2.5**	*0.80*	0.12	*0.04*
USA, Oregon: Black	19	**10.4**	*2.48*	1.07	*0.34*	14	**8.3**	*2.29*	0.99	*0.31*
USA, Oregon: White	1144	**10.0**	*0.33*	0.97	*0.04*	876	**6.7**	*0.28*	0.63	*0.03*
USA, Pennsylvania	5314	**11.8**	*0.18*	1.20	*0.02*	4098	**7.5**	*0.15*	0.73	*0.02*
USA, Pennsylvania: Asian and Pacific Islander	30	**4.5**	*0.84*	0.56	*0.12*	17	**2.5**	*0.61*	0.27	*0.08*
USA, Pennsylvania: Black	289	**8.6**	*0.52*	0.86	*0.07*	238	**5.3**	*0.37*	0.51	*0.04*
USA, Pennsylvania: White	4848	**11.9**	*0.20*	1.19	*0.02*	3737	**7.6**	*0.16*	0.74	*0.02*
USA, Rhode Island	443	**12.2**	*0.65*	1.22	*0.08*	350	**8.0**	*0.53*	0.78	*0.06*
USA, Rhode Island: Black	13	**8.5**	*2.51*	0.77	*0.28*	12	**6.8**	*2.05*	0.88	*0.32*
USA, Rhode Island: White	423	**12.7**	*0.70*	1.26	*0.08*	332	**8.3**	*0.59*	0.79	*0.06*
USA, South Carolina	1551	**11.1**	*0.30*	1.12	*0.04*	1147	**6.6**	*0.23*	0.67	*0.03*
USA, South Carolina: Black	257	**8.2**	*0.53*	0.84	*0.07*	225	**5.2**	*0.37*	0.55	*0.05*
USA, South Carolina: White	1262	**11.9**	*0.37*	1.18	*0.04*	902	**7.1**	*0.29*	0.71	*0.03*
USA, South Dakota	312	**11.1**	*0.69*	1.12	*0.08*	228	**7.2**	*0.57*	0.69	*0.06*
USA, Tennessee	1941	**10.1**	*0.25*	1.03	*0.03*	1459	**6.6**	*0.20*	0.63	*0.02*
USA, Tennessee: Black	201	**8.9**	*0.65*	0.97	*0.09*	159	**5.5**	*0.46*	0.56	*0.06*
USA, Tennessee: White	1707	**10.3**	*0.27*	1.03	*0.03*	1272	**6.7**	*0.23*	0.64	*0.02*
USA, Texas	7494	**11.5**	*0.14*	1.16	*0.02*	5879	**7.7**	*0.11*	0.73	*0.01*
USA, Texas: Asian and Pacific Islander	49	**2.9**	*0.43*	0.28	*0.05*	64	**3.1**	*0.41*	0.27	*0.04*
USA, Texas: Black	591	**9.8**	*0.42*	1.06	*0.06*	472	**5.9**	*0.28*	0.52	*0.03*
USA, Texas: White	6649	**11.7**	*0.15*	1.17	*0.02*	5154	**7.9**	*0.12*	0.74	*0.01*
USA, Utah	733	**10.9**	*0.42*	1.12	*0.06*	519	**6.9**	*0.32*	0.66	*0.04*
USA, Vermont	270	**13.5**	*0.94*	1.40	*0.11*	178	**7.8**	*0.73*	0.69	*0.07*
USA, Virginia	2164	**9.4**	*0.21*	0.93	*0.03*	1644	**6.0**	*0.17*	0.55	*0.02*
USA, Virginia: Asian and Pacific Islander	40	**4.6**	*0.75*	0.44	*0.09*	31	**3.4**	*0.64*	0.30	*0.07*
USA, Virginia: Black	313	**8.6**	*0.50*	0.89	*0.07*	236	**4.8**	*0.34*	0.46	*0.04*
USA, Virginia: White	1725	**9.4**	*0.25*	0.92	*0.03*	1305	**6.2**	*0.21*	0.55	*0.02*
USA, Washington State	2476	**12.0**	*0.26*	1.20	*0.03*	1789	**7.7**	*0.21*	0.75	*0.02*
USA, Washington, Seattle	1774	**12.7**	*0.33*	1.26	*0.04*	1311	**8.3**	*0.27*	0.82	*0.03*
USA, West Virginia	839	**12.3**	*0.47*	1.28	*0.06*	607	**7.6**	*0.38*	0.74	*0.04*
USA, Wisconsin	2839	**15.0**	*0.31*	1.53	*0.04*	2014	**9.5**	*0.25*	0.90	*0.03*
USA, Wisconsin: Black	80	**12.6**	*1.48*	1.28	*0.20*	69	**8.2**	*1.02*	0.76	*0.12*
USA, Wisconsin: White	2634	**14.7**	*0.32*	1.51	*0.04*	1865	**9.3**	*0.27*	0.89	*0.03*
USA, Wyoming	173	**10.2**	*0.84*	1.00	*0.09*	101	**5.6**	*0.63*	0.64	*0.08*
Asia										
Bahrain: Bahraini	60	**6.7**	*0.92*	0.70	*0.13*	40	**4.4**	*0.74*	0.50	*0.11*
China, Beijing City	1275	**6.6**	*0.27*	0.54	*0.02*	940	**4.6**	*0.21*	0.39	*0.02*
*China, Cixian County	71	**4.9**	*0.62*	0.44	*0.07*	57	**3.8**	*0.53*	0.35	*0.06*
China, Haining County	108	**6.3**	*0.67*	0.59	*0.06*	86	**4.7**	*0.61*	0.38	*0.05*
*China, Harbin City, Nangang District	106	**3.4**	*0.36*	0.34	*0.04*	82	**3.1**	*0.42*	0.28	*0.04*
China, Hong Kong	1183	**6.6**	*0.24*	0.56	*0.02*	920	**4.5**	*0.20*	0.39	*0.02*
China, Jiashan County	61	**5.4**	*0.86*	0.50	*0.07*	39	**3.6**	*0.72*	0.31	*0.06*
China, Jiaxing City	48	**5.9**	*1.05*	0.54	*0.09*	52	**6.3**	*1.12*	0.51	*0.08*
China, Macao	47	**4.6**	*0.79*	0.41	*0.08*	38	**2.3**	*0.41*	0.17	*0.04*
China, Qidong County	181	**5.8**	*0.51*	0.56	*0.05*	145	**4.0**	*0.39*	0.39	*0.04*
*China, Shanghai City	1057	**5.0**	*0.22*	0.44	*0.02*	798	**3.9**	*0.21*	0.34	*0.02*
*China, Wuhan City	632	**5.4**	*0.27*	0.48	*0.02*	529	**4.9**	*0.28*	0.43	*0.02*
*China, Yangcheng County	21	**2.1**	*0.49*	0.16	*0.04*	15	**1.4**	*0.38*	0.14	*0.04*
*China, Yanting County	100	**6.5**	*0.70*	0.56	*0.07*	72	**4.2**	*0.51*	0.48	*0.07*
*China, Zhongshan City	170	**6.2**	*0.49*	0.56	*0.05*	123	**4.3**	*0.40*	0.38	*0.04*
*India, Bangalore	402	**4.5**	*0.24*	0.41	*0.03*	284	**3.5**	*0.22*	0.35	*0.03*
*India; Barshi, Paranda, and Bhum	42	**3.3**	*0.53*	0.25	*0.05*	19	**1.7**	*0.40*	0.16	*0.04*
*India, Bhopal	119	**4.3**	*0.42*	0.41	*0.05*	72	**2.7**	*0.33*	0.29	*0.04*
*India, Chennai	469	**4.6**	*0.22*	0.36	*0.02*	368	**3.7**	*0.20*	0.30	*0.02*
*India, Dindigul, Ambilikkai	94	**1.9**	*0.20*	0.15	*0.02*	65	**1.3**	*0.16*	0.11	*0.02*
*India, Karunagappally	47	**4.8**	*0.72*	0.38	*0.06*	36	**3.4**	*0.60*	0.26	*0.05*
*India, Mizoram	90	**4.2**	*0.48*	0.40	*0.06*	67	**3.2**	*0.41*	0.28	*0.05*
*India, Mumbai	1247	**4.2**	*0.13*	0.37	*0.01*	842	**3.3**	*0.12*	0.29	*0.01*
*India, New Delhi	1959	**5.6**	*0.14*	0.52	*0.02*	1062	**3.6**	*0.12*	0.34	*0.01*
*India, Poona	267	**3.0**	*0.19*	0.27	*0.02*	174	**2.0**	*0.15*	0.18	*0.02*
*India, Sikkim State	24	**1.6**	*0.35*	0.13	*0.03*	25	**2.2**	*0.46*	0.19	*0.05*
*India, Trivandrum	84	**5.3**	*0.58*	0.47	*0.06*	64	**3.7**	*0.48*	0.35	*0.05*
*Iran (Islamic Republic of), Golestan Province	210	**10.8**	*0.79*	1.04	*0.10*	147	**7.7**	*0.68*	0.82	*0.09*
Israel	2033	**10.8**	*0.25*	1.08	*0.03*	1591	**7.0**	*0.19*	0.66	*0.02*
*Israel: Jews	1766	**10.6**	*0.27*	1.06	*0.03*	1414	**6.9**	*0.21*	0.66	*0.02*
*Israel: Non–Jews	267	**11.9**	*0.79*	1.25	*0.11*	177	**7.0**	*0.56*	0.64	*0.07*
Japan, Aichi Prefecture	270	**5.7**	*0.40*	0.50	*0.04*	185	**4.0**	*0.36*	0.32	*0.03*
Japan, Fukui Prefecture	158	**4.9**	*0.52*	0.43	*0.04*	120	**3.2**	*0.41*	0.28	*0.03*
Japan, Hiroshima	264	**6.7**	*0.48*	0.61	*0.05*	185	**4.2**	*0.42*	0.38	*0.03*
Japan, Miyagi Prefecture	528	**5.9**	*0.32*	0.58	*0.03*	386	**4.6**	*0.32*	0.39	*0.02*
Japan, Nagasaki Prefecture	658	**9.8**	*0.48*	1.01	*0.05*	480	**5.8**	*0.37*	0.57	*0.03*
Japan, Niigata Prefecture	576	**6.5**	*0.38*	0.54	*0.03*	390	**4.0**	*0.31*	0.33	*0.02*
*Japan, Osaka Prefecture	1803	**5.7**	*0.17*	0.52	*0.01*	1280	**4.1**	*0.16*	0.33	*0.01*
Japan, Saga Prefecture	298	**8.3**	*0.58*	0.88	*0.06*	212	**5.2**	*0.49*	0.50	*0.04*
Republic of Korea	6577	**5.6**	*0.07*	0.50	*0.01*	5257	**4.1**	*0.06*	0.35	*0.01*
Republic of Korea, Busan	434	**5.0**	*0.27*	0.43	*0.02*	328	**3.8**	*0.24*	0.30	*0.02*
Republic of Korea, Daegu	304	**5.2**	*0.32*	0.44	*0.03*	242	**3.7**	*0.27*	0.32	*0.02*
Republic of Korea, Daejeon	173	**5.6**	*0.45*	0.46	*0.04*	154	**4.1**	*0.36*	0.37	*0.04*
Republic of Korea, Gwangju	179	**5.6**	*0.45*	0.50	*0.05*	159	**5.0**	*0.43*	0.39	*0.03*
Republic of Korea, Incheon	312	**5.2**	*0.32*	0.48	*0.04*	237	**3.7**	*0.26*	0.31	*0.02*
Republic of Korea, Jejudo	61	**5.6**	*0.75*	0.54	*0.08*	54	**5.1**	*0.76*	0.37	*0.06*
Republic of Korea, Seoul	1353	**5.7**	*0.17*	0.51	*0.02*	1071	**4.1**	*0.14*	0.37	*0.01*
Republic of Korea, Ulsan	131	**5.5**	*0.54*	0.44	*0.05*	109	**4.3**	*0.45*	0.39	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia (C91-95) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	395	**7.0**	*0.46*	0.62	*0.06*	206	**5.7**	*0.47*	0.56	*0.07*
*Kuwait: Kuwaitis	156	**8.0**	*0.73*	0.69	*0.09*	108	**5.3**	*0.56*	0.56	*0.08*
*Kuwait: Non−Kuwaitis	239	**6.5**	*0.72*	0.60	*0.09*	98	**6.8**	*0.93*	0.58	*0.12*
*Malaysia, Penang	139	**5.4**	*0.47*	0.52	*0.06*	122	**4.5**	*0.42*	0.40	*0.04*
*Malaysia, Penang: Chinese	60	**5.0**	*0.67*	0.50	*0.08*	70	**5.3**	*0.66*	0.45	*0.06*
*Malaysia, Penang: Indian	15	**5.4**	*1.47*	0.46	*0.14*	14	**4.9**	*1.34*	0.49	*0.17*
*Malaysia, Penang: Malay	64	**5.8**	*0.79*	0.52	*0.11*	38	**3.4**	*0.57*	0.27	*0.05*
*Philippines, Manila	911	**7.6**	*0.29*	0.62	*0.03*	844	**6.8**	*0.25*	0.64	*0.03*
*Philippines, Rizal	852	**6.8**	*0.27*	0.59	*0.03*	800	**6.0**	*0.23*	0.54	*0.03*
Qatar: Qatari	31	**7.4**	*1.49*	0.77	*0.22*	18	**4.2**	*1.11*	0.40	*0.14*
*Saudi Arabia, Riyadh: Saudi	432	**5.7**	*0.32*	0.54	*0.04*	306	**4.3**	*0.28*	0.43	*0.04*
Singapore	537	**6.4**	*0.29*	0.54	*0.03*	443	**5.1**	*0.26*	0.44	*0.02*
Singapore: Chinese	422	**6.5**	*0.35*	0.56	*0.03*	355	**5.3**	*0.32*	0.45	*0.03*
Singapore: Indian	37	**5.7**	*0.97*	0.39	*0.08*	19	**3.0**	*0.73*	0.24	*0.07*
Singapore: Malay	63	**5.6**	*0.73*	0.45	*0.08*	59	**5.1**	*0.68*	0.45	*0.08*
Thailand, Bangkok	832	**6.4**	*0.23*	0.58	*0.03*	743	**4.7**	*0.19*	0.41	*0.02*
Thailand, Chiang Mai	169	**4.7**	*0.39*	0.35	*0.03*	164	**4.4**	*0.38*	0.38	*0.03*
Thailand, Chonburi	171	**6.8**	*0.54*	0.59	*0.06*	157	**5.7**	*0.48*	0.43	*0.04*
*Thailand, Khon Kaen	168	**4.1**	*0.32*	0.39	*0.04*	144	**3.2**	*0.27*	0.28	*0.03*
Thailand, Lampang	116	**5.7**	*0.56*	0.51	*0.06*	112	**5.1**	*0.54*	0.45	*0.05*
*Thailand, Songkhla	148	**6.0**	*0.50*	0.51	*0.05*	131	**4.7**	*0.42*	0.46	*0.05*
*Turkey, Antalya	308	**8.4**	*0.49*	0.81	*0.06*	173	**4.8**	*0.37*	0.36	*0.03*
*Turkey, Edirne	53	**6.4**	*0.95*	0.57	*0.09*	48	**5.9**	*0.96*	0.52	*0.08*
*Turkey, Izmir	709	**8.2**	*0.32*	0.80	*0.04*	538	**5.8**	*0.27*	0.56	*0.03*
*Turkey, Trabzon	96	**9.0**	*0.95*	0.87	*0.11*	53	**4.2**	*0.60*	0.36	*0.06*
Europe										
Austria	2845	**9.7**	*0.21*	0.99	*0.02*	2460	**6.6**	*0.18*	0.63	*0.02*
Austria, Tyrol	272	**11.3**	*0.75*	1.22	*0.09*	201	**7.2**	*0.63*	0.72	*0.07*
Austria, Vorarlberg	108	**10.0**	*1.06*	1.00	*0.11*	81	**6.1**	*0.85*	0.50	*0.07*
*Belarus	2597	**9.6**	*0.20*	1.00	*0.02*	2398	**6.1**	*0.15*	0.64	*0.02*
*Belgium	2979	**9.8**	*0.21*	1.01	*0.02*	2281	**6.8**	*0.18*	0.67	*0.02*
Bulgaria	1669	**6.9**	*0.20*	0.65	*0.02*	1338	**4.8**	*0.18*	0.44	*0.01*
Croatia	1251	**8.4**	*0.28*	0.80	*0.03*	1006	**5.4**	*0.22*	0.51	*0.02*
Cyprus	252	**10.8**	*0.76*	1.05	*0.08*	203	**8.1**	*0.67*	0.75	*0.07*
Czech Republic	2817	**8.1**	*0.17*	0.85	*0.02*	2184	**5.2**	*0.14*	0.52	*0.01*
Denmark	2023	**10.0**	*0.25*	1.01	*0.03*	1469	**6.8**	*0.22*	0.67	*0.02*
*Estonia	414	**9.3**	*0.49*	1.01	*0.06*	419	**6.1**	*0.39*	0.59	*0.04*
Finland	1554	**8.5**	*0.25*	0.77	*0.02*	1255	**6.0**	*0.22*	0.52	*0.02*
*France, Bas−Rhin	377	**10.9**	*0.61*	1.03	*0.07*	274	**6.2**	*0.46*	0.58	*0.05*
*France, Calvados	264	**10.3**	*0.71*	1.09	*0.09*	219	**7.2**	*0.63*	0.68	*0.06*
*France, Doubs	239	**13.0**	*0.93*	1.34	*0.11*	171	**7.9**	*0.75*	0.71	*0.07*
*France, Haut−Rhin	286	**11.0**	*0.70*	1.24	*0.09*	204	**6.6**	*0.57*	0.66	*0.06*
*France, Hérault	400	**10.5**	*0.61*	1.12	*0.07*	300	**6.5**	*0.49*	0.64	*0.05*
*France, Isère	461	**11.0**	*0.56*	1.06	*0.06*	294	**6.8**	*0.48*	0.65	*0.05*
*France, Loire−Atlantique	562	**12.7**	*0.59*	1.29	*0.07*	388	**7.0**	*0.43*	0.72	*0.05*
*France, Manche	224	**10.8**	*0.85*	1.17	*0.10*	141	**5.5**	*0.63*	0.54	*0.06*
*France, Somme	243	**12.5**	*0.88*	1.44	*0.11*	172	**7.0**	*0.65*	0.73	*0.07*
*France, Tarn	167	**9.6**	*0.92*	0.96	*0.10*	107	**6.4**	*0.88*	0.60	*0.08*
*France, Vendée	200	**8.6**	*0.72*	0.89	*0.08*	123	**5.0**	*0.57*	0.48	*0.05*
Germany, Brandenburg	1014	**10.7**	*0.43*	1.03	*0.04*	862	**7.2**	*0.38*	0.65	*0.03*
Germany, Bremen	225	**7.9**	*0.66*	0.78	*0.07*	223	**5.9**	*0.58*	0.55	*0.05*
Germany, Free State of Saxony	1837	**10.1**	*0.30*	1.02	*0.03*	1657	**6.6**	*0.25*	0.64	*0.02*
Germany, Hamburg	676	**10.4**	*0.49*	1.00	*0.05*	592	**7.5**	*0.43*	0.71	*0.04*
Germany, Mecklenburg−Western Pomerania	713	**10.3**	*0.46*	1.10	*0.05*	556	**6.3**	*0.38*	0.64	*0.04*
Germany, Munich	1428	**9.7**	*0.31*	0.90	*0.03*	1067	**5.9**	*0.25*	0.52	*0.02*
Germany, North Rhine−Westphalia	840	**9.6**	*0.40*	0.88	*0.04*	693	**6.7**	*0.33*	0.62	*0.03*
Germany, Saarland	377	**8.8**	*0.58*	0.82	*0.05*	333	**6.2**	*0.48*	0.59	*0.04*
Germany, Schleswig−Holstein	1214	**10.4**	*0.35*	1.05	*0.04*	1020	**7.8**	*0.34*	0.72	*0.03*
Iceland	85	**8.4**	*0.97*	0.91	*0.13*	46	**4.5**	*0.75*	0.42	*0.08*
Ireland	1438	**11.3**	*0.31*	1.16	*0.04*	901	**6.5**	*0.24*	0.62	*0.03*
Italy, Biella	80	**11.1**	*1.71*	0.94	*0.13*	76	**6.4**	*1.20*	0.69	*0.11*
Italy, Brescia	297	**9.5**	*0.64*	0.95	*0.07*	222	**5.9**	*0.54*	0.54	*0.05*
Italy, Catania and Messina	449	**12.0**	*0.65*	1.25	*0.07*	301	**7.1**	*0.51*	0.71	*0.05*
Italy, Catanzaro	110	**14.5**	*1.69*	1.29	*0.14*	75	**7.7**	*1.23*	0.67	*0.10*
Italy, Como	205	**9.7**	*0.82*	1.02	*0.08*	144	**6.6**	*0.81*	0.53	*0.06*
Italy, Ferrara	140	**8.6**	*1.07*	0.80	*0.09*	131	**6.4**	*0.97*	0.54	*0.07*
Italy, Florence and Prato	231	**7.8**	*0.70*	0.69	*0.06*	211	**5.9**	*0.64*	0.52	*0.05*
Italy, Friuli−Venezia Giulia	452	**8.5**	*0.53*	0.86	*0.05*	367	**6.3**	*0.54*	0.53	*0.04*
Italy, Genoa	375	**11.6**	*0.87*	1.06	*0.07*	305	**6.1**	*0.56*	0.63	*0.05*
Italy, Latina	161	**8.5**	*0.79*	0.88	*0.08*	162	**8.5**	*0.88*	0.80	*0.08*
Italy, Lecco	101	**7.5**	*0.88*	0.78	*0.10*	58	**4.7**	*0.86*	0.42	*0.07*
Italy, Lombardy, South	182	**12.3**	*1.23*	1.04	*0.09*	156	**7.3**	*0.86*	0.66	*0.07*
Italy, Mantua	95	**11.9**	*1.61*	1.06	*0.13*	80	**7.2**	*1.23*	0.61	*0.10*
Italy, Milan	467	**11.3**	*0.68*	1.13	*0.06*	365	**6.5**	*0.53*	0.61	*0.04*
Italy, Modena	260	**9.4**	*0.74*	0.93	*0.07*	239	**7.4**	*0.66*	0.73	*0.06*
Italy, Naples	157	**10.1**	*0.84*	0.97	*0.09*	123	**7.1**	*0.72*	0.63	*0.07*
Italy, Nuoro	103	**9.7**	*1.18*	1.02	*0.13*	62	**5.5**	*0.96*	0.55	*0.09*
Italy, Palermo	342	**9.3**	*0.58*	0.90	*0.06*	269	**6.4**	*0.49*	0.61	*0.05*
Italy, Parma	204	**10.1**	*0.94*	0.98	*0.09*	158	**5.8**	*0.75*	0.55	*0.07*
Italy, Ragusa	128	**10.5**	*1.07*	1.07	*0.12*	101	**7.8**	*1.00*	0.73	*0.09*
Italy, Reggio Emilia	223	**11.3**	*0.94*	1.07	*0.09*	164	**6.9**	*0.75*	0.69	*0.07*
Italy, Romagna	543	**10.5**	*0.59*	1.01	*0.06*	445	**6.7**	*0.50*	0.61	*0.04*
Italy, Salerno	421	**11.0**	*0.64*	0.98	*0.06*	336	**6.8**	*0.48*	0.68	*0.05*
Italy, Sassari	168	**9.8**	*0.96*	0.91	*0.09*	134	**6.9**	*0.81*	0.66	*0.07*
Italy, Sondrio	79	**10.8**	*1.47*	1.13	*0.16*	50	**6.0**	*1.16*	0.57	*0.10*
Italy, South Tyrol	131	**9.9**	*1.03*	0.96	*0.10*	104	**5.0**	*0.66*	0.40	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia (C91-95) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	126	**8.2**	*0.86*	0.81	*0.09*	77	**5.6**	*0.82*	0.53	*0.07*
Italy, Trapani	143	**10.9**	*1.10*	1.00	*0.11*	103	**6.8**	*0.93*	0.55	*0.07*
Italy, Trento	133	**9.0**	*0.97*	0.80	*0.09*	131	**6.8**	*0.89*	0.57	*0.07*
Italy, Turin	402	**9.6**	*0.64*	0.91	*0.06*	283	**5.4**	*0.54*	0.50	*0.04*
Italy, Umbria	440	**10.8**	*0.68*	1.14	*0.07*	331	**7.6**	*0.64*	0.72	*0.05*
Italy, Varese	354	**11.0**	*0.73*	1.07	*0.07*	275	**7.4**	*0.62*	0.70	*0.05*
Italy, Veneto	612	**8.8**	*0.44*	0.84	*0.04*	544	**6.2**	*0.39*	0.55	*0.03*
Latvia	447	**8.1**	*0.43*	0.83	*0.05*	481	**5.4**	*0.33*	0.52	*0.03*
Lithuania	1056	**10.2**	*0.34*	1.10	*0.04*	1068	**7.2**	*0.29*	0.72	*0.03*
Malta	96	**8.6**	*0.98*	0.71	*0.09*	60	**4.7**	*0.72*	0.41	*0.06*
*The Netherlands	4848	**8.8**	*0.14*	0.88	*0.02*	3673	**6.0**	*0.12*	0.56	*0.01*
*The Netherlands, Eindhoven	293	**8.1**	*0.53*	0.87	*0.06*	209	**6.0**	*0.50*	0.57	*0.05*
Norway	1537	**9.3**	*0.27*	0.92	*0.03*	1181	**6.4**	*0.23*	0.62	*0.02*
Poland, Cracow	116	**7.1**	*0.80*	0.60	*0.07*	90	**4.8**	*0.68*	0.43	*0.05*
Poland, Kielce	391	**9.4**	*0.53*	0.95	*0.06*	298	**5.4**	*0.40*	0.53	*0.04*
Poland, Lower Silesia	628	**7.1**	*0.32*	0.75	*0.04*	560	**4.5**	*0.24*	0.47	*0.03*
Poland, Podkarpackie	464	**7.7**	*0.39*	0.79	*0.04*	371	**4.7**	*0.29*	0.45	*0.03*
Portugal, Azores	48	**7.1**	*1.10*	0.58	*0.10*	58	**7.5**	*1.12*	0.64	*0.10*
Russian Federation, Saint Petersburg	1225	**9.4**	*0.30*	0.99	*0.03*	1451	**6.7**	*0.24*	0.69	*0.02*
*Serbia, Central	1147	**6.1**	*0.21*	0.62	*0.02*	812	**4.1**	*0.18*	0.39	*0.02*
Slovakia	1539	**10.2**	*0.28*	1.04	*0.03*	1227	**6.1**	*0.21*	0.61	*0.02*
Slovenia	559	**8.4**	*0.40*	0.83	*0.04*	444	**5.3**	*0.35*	0.46	*0.03*
Spain, Albacete	126	**9.1**	*1.01*	0.79	*0.09*	95	**5.6**	*0.75*	0.55	*0.08*
Spain, Asturias	291	**7.3**	*0.61*	0.63	*0.05*	255	**4.9**	*0.50*	0.44	*0.04*
Spain, Basque Country	765	**9.2**	*0.42*	0.88	*0.04*	556	**5.9**	*0.36*	0.55	*0.03*
Spain, Canary Islands	311	**8.3**	*0.54*	0.78	*0.05*	234	**5.4**	*0.43*	0.50	*0.04*
Spain, Ciudad Real	102	**6.1**	*0.76*	0.56	*0.08*	91	**4.5**	*0.64*	0.45	*0.07*
Spain, Cuenca	91	**9.1**	*1.28*	0.97	*0.13*	63	**9.5**	*1.74*	0.78	*0.12*
Spain, Girona	246	**10.6**	*0.82*	1.01	*0.08*	180	**6.5**	*0.63*	0.62	*0.06*
*Spain, Granada	235	**7.6**	*0.57*	0.74	*0.06*	170	**5.1**	*0.48*	0.47	*0.05*
Spain, La Rioja	70	**6.3**	*0.94*	0.61	*0.09*	58	**4.6**	*0.89*	0.42	*0.07*
Spain, Mallorca	219	**8.2**	*0.63*	0.81	*0.07*	168	**5.4**	*0.54*	0.46	*0.05*
Spain, Murcia	494	**11.6**	*0.59*	1.09	*0.06*	344	**6.9**	*0.46*	0.64	*0.04*
Spain, Navarra	166	**6.8**	*0.65*	0.64	*0.07*	107	**4.9**	*0.66*	0.39	*0.05*
Spain, Tarragona	235	**8.8**	*0.69*	0.81	*0.07*	189	**6.5**	*0.62*	0.59	*0.06*
*Sweden	3082	**8.7**	*0.19*	0.87	*0.02*	2394	**6.2**	*0.16*	0.61	*0.02*
Switzerland, Basel	181	**10.3**	*0.90*	1.03	*0.10*	116	**4.8**	*0.56*	0.53	*0.06*
Switzerland, Geneva	147	**9.2**	*0.85*	0.92	*0.10*	133	**7.4**	*0.81*	0.67	*0.08*
Switzerland, Graubünden and Glarus	94	**11.8**	*1.39*	1.30	*0.16*	85	**7.0**	*0.91*	0.78	*0.12*
Switzerland, Neuchâtel	56	**8.9**	*1.41*	0.93	*0.16*	42	**5.4**	*1.17*	0.48	*0.10*
Switzerland, St Gall–Appenzell	185	**10.1**	*0.86*	0.94	*0.09*	120	**5.7**	*0.66*	0.53	*0.06*
Switzerland, Ticino	127	**10.2**	*1.07*	1.14	*0.12*	92	**6.5**	*0.99*	0.60	*0.08*
Switzerland, Valais	101	**10.4**	*1.22*	0.98	*0.12*	82	**6.8**	*0.97*	0.62	*0.09*
Switzerland, Vaud	195	**8.6**	*0.69*	0.81	*0.07*	134	**5.0**	*0.56*	0.45	*0.05*
Switzerland, Zurich	457	**9.9**	*0.55*	0.95	*0.06*	356	**6.2**	*0.43*	0.60	*0.04*
Ukraine	10006	**7.7**	*0.09*	0.78	*0.01*	8701	**5.0**	*0.07*	0.49	*0.01*
UK, England	17874	**9.4**	*0.08*	0.92	*0.01*	13082	**5.9**	*0.07*	0.55	*0.01*
UK, England, East of England Region	1846	**8.3**	*0.22*	0.84	*0.02*	1309	**5.5**	*0.20*	0.50	*0.02*
UK, England, North Western	2065	**8.5**	*0.21*	0.81	*0.02*	1511	**5.5**	*0.18*	0.49	*0.02*
UK, England, Northern and Yorkshire	2669	**10.5**	*0.23*	1.05	*0.03*	1942	**6.4**	*0.19*	0.61	*0.02*
UK, England, Oxford Region	962	**10.0**	*0.36*	0.96	*0.04*	689	**6.3**	*0.30*	0.59	*0.03*
UK, England, South and Western Regions	2963	**9.9**	*0.22*	0.96	*0.02*	2198	**6.4**	*0.19*	0.57	*0.02*
UK, England, Thames	3773	**9.4**	*0.17*	0.94	*0.02*	2855	**6.1**	*0.14*	0.57	*0.01*
UK, England, Trent	1099	**9.4**	*0.33*	0.92	*0.04*	721	**5.4**	*0.26*	0.52	*0.03*
UK, England, West Midlands	1859	**9.5**	*0.25*	0.92	*0.03*	1391	**6.1**	*0.21*	0.57	*0.02*
UK, Northern Ireland	441	**7.8**	*0.40*	0.77	*0.05*	359	**5.5**	*0.34*	0.50	*0.03*
UK, Scotland	1927	**10.4**	*0.27*	1.03	*0.03*	1365	**6.1**	*0.21*	0.59	*0.02*
UK, Wales	1360	**10.9**	*0.35*	1.09	*0.04*	981	**6.6**	*0.28*	0.61	*0.03*
Oceania										
Australian Capital Territory	145	**15.2**	*1.34*	1.56	*0.17*	73	**7.2**	*0.95*	0.62	*0.10*
Australia, New South Wales	2782	**11.8**	*0.25*	1.13	*0.03*	1882	**7.2**	*0.20*	0.66	*0.02*
Australia, Northern Territory	45	**9.5**	*1.53*	0.67	*0.13*	37	**9.5**	*1.66*	1.18	*0.28*
Australia, Northern Territory: Indigenous	5	**6.2**	*3.08*	0.42	*0.27*	11	**8.5**	*2.82*	1.25	*0.52*
Australia, Northern Territory: Non–Indigenous	40	**10.9**	*1.91*	0.75	*0.16*	26	**9.6**	*2.00*	1.15	*0.33*
Australia, Queensland	1618	**12.1**	*0.32*	1.23	*0.04*	1081	**7.8**	*0.27*	0.76	*0.03*
South Australia	877	**14.4**	*0.54*	1.47	*0.06*	569	**8.7**	*0.46*	0.88	*0.05*
Australia, Tasmania	219	**12.7**	*0.95*	1.34	*0.11*	131	**6.1**	*0.65*	0.56	*0.07*
Australia, Victoria	1945	**11.4**	*0.29*	1.07	*0.03*	1362	**7.4**	*0.24*	0.68	*0.02*
Western Australia	712	**10.8**	*0.44*	1.05	*0.05*	483	**6.9**	*0.36*	0.66	*0.04*
New Zealand	1745	**12.6**	*0.32*	1.27	*0.04*	1348	**8.8**	*0.28*	0.84	*0.03*
New Zealand: Maori	142	**13.4**	*1.20*	1.51	*0.17*	123	**9.5**	*0.89*	0.97	*0.12*
New Zealand: Pacific Islander	62	**12.7**	*1.69*	1.15	*0.21*	51	**9.8**	*1.42*	1.10	*0.19*
New Zealand: Other	1541	**12.4**	*0.35*	1.25	*0.04*	1174	**8.7**	*0.32*	0.82	*0.03*
USA, Hawaii	397	**9.2**	*0.51*	0.92	*0.06*	302	**6.7**	*0.46*	0.60	*0.04*
*USA, Hawaii: Chinese	24	**9.4**	*2.24*	0.79	*0.22*	19	**4.2**	*1.17*	0.39	*0.14*
*USA, Hawaii: Filipino	43	**8.2**	*1.37*	0.87	*0.17*	53	**7.6**	*1.14*	0.81	*0.14*
*USA, Hawaii: Hawaiian	61	**9.1**	*1.21*	0.96	*0.17*	55	**7.6**	*1.05*	0.81	*0.13*
*USA, Hawaii: Japanese	79	**6.8**	*1.01*	0.64	*0.10*	65	**5.6**	*1.08*	0.45	*0.08*
*USA, Hawaii: White	150	**11.8**	*1.11*	1.31	*0.15*	77	**6.9**	*0.97*	0.69	*0.10*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lymphoid leukaemia (C91)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	73	**2.5**	*0.31*	–	-	57	**1.9**	*0.27*	–	-
Egypt, Gharbiah	224	**2.6**	*0.18*	0.24	*0.02*	169	**2.1**	*0.17*	0.22	*0.02*
*Libya, Benghazi	27	**1.4**	*0.29*	0.08	*0.02*	24	**1.2**	*0.26*	0.10	*0.04*
*Malawi, Blantyre	1	**0.1**	*0.15*	0.02	*0.02*	0	**-**	-	–	-
*South Africa, PROMEC	1	**0.0**	*0.02*	0.00	*0.00*	2	**0.1**	*0.05*	0.01	*0.01*
*Tunisia, North	111	**1.6**	*0.16*	0.14	*0.02*	81	**1.3**	*0.15*	0.10	*0.01*
*Uganda, Kyadondo County	26	**0.9**	*0.29*	0.12	*0.06*	16	**0.5**	*0.18*	0.04	*0.02*
*Zimbabwe, Harare: African	8	**0.6**	*0.27*	0.06	*0.04*	11	**1.1**	*0.40*	0.16	*0.07*
America, Central and South										
Argentina, Bahía Blanca	30	**4.0**	*0.86*	0.37	*0.09*	31	**3.9**	*0.86*	0.27	*0.06*
Argentina, Córdoba	73	**2.9**	*0.35*	0.26	*0.04*	61	**2.3**	*0.30*	0.20	*0.03*
Argentina, Mendoza	114	**2.9**	*0.28*	0.25	*0.03*	103	**2.2**	*0.23*	0.18	*0.02*
*Argentina, Tierra del Fuego	5	**2.2**	*1.06*	0.30	*0.20*	4	**2.4**	*1.29*	0.16	*0.11*
Brazil, Aracaju	24	**3.5**	*0.76*	0.32	*0.09*	13	**1.6**	*0.44*	0.15	*0.05*
Brazil, Belo Horizonte	77	**2.8**	*0.33*	0.22	*0.04*	76	**2.2**	*0.26*	0.18	*0.03*
Brazil, Cuiabá	37	**3.4**	*0.59*	0.27	*0.08*	42	**3.1**	*0.49*	0.19	*0.04*
Brazil, Fortaleza	81	**2.2**	*0.25*	0.15	*0.03*	49	**1.1**	*0.17*	0.08	*0.02*
Brazil, Goiânia	103	**4.4**	*0.44*	0.32	*0.05*	79	**3.0**	*0.34*	0.23	*0.03*
*Brazil, São Paulo	599	**2.6**	*0.11*	0.20	*0.01*	513	**1.9**	*0.09*	0.14	*0.01*
Chile, Region of Antofagasta	11	**1.0**	*0.30*	0.09	*0.04*	18	**1.5**	*0.35*	0.11	*0.03*
Chile, Bío Bío Province	32	**3.4**	*0.61*	0.30	*0.07*	30	**3.3**	*0.63*	0.27	*0.06*
Chile, Valdivia	25	**3.0**	*0.62*	0.18	*0.04*	28	**3.1**	*0.62*	0.21	*0.05*
Colombia, Bucaramanga	64	**2.8**	*0.36*	0.22	*0.04*	45	**1.8**	*0.28*	0.14	*0.03*
Colombia, Cali	166	**3.7**	*0.29*	0.30	*0.03*	175	**3.4**	*0.27*	0.25	*0.02*
Colombia, Manizales	28	**3.2**	*0.62*	0.23	*0.06*	26	**2.7**	*0.55*	0.25	*0.06*
Colombia, Pasto	28	**3.0**	*0.59*	0.20	*0.05*	20	**2.3**	*0.52*	0.17	*0.05*
Costa Rica	290	**3.0**	*0.18*	0.22	*0.02*	259	**2.8**	*0.18*	0.20	*0.02*
Cuba, Villa Clara	38	**1.8**	*0.35*	0.15	*0.03*	21	**1.0**	*0.24*	0.09	*0.03*
Ecuador, Cuenca	31	**2.7**	*0.50*	0.15	*0.04*	24	**2.2**	*0.47*	0.19	*0.05*
Ecuador, Quito	131	**3.7**	*0.33*	0.26	*0.03*	148	**4.1**	*0.35*	0.33	*0.04*
*France, Martinique	45	**3.9**	*0.61*	0.40	*0.07*	37	**2.6**	*0.49*	0.21	*0.04*
*Jamaica, Kingston and St Andrew	49	**3.4**	*0.49*	0.33	*0.06*	41	**2.7**	*0.45*	0.29	*0.05*
USA, Puerto Rico	284	**2.5**	*0.16*	0.22	*0.02*	154	**1.4**	*0.12*	0.12	*0.01*
Uruguay	177	**3.0**	*0.24*	0.25	*0.02*	133	**2.1**	*0.21*	0.17	*0.02*
America, North										
Canada	7547	**7.1**	*0.09*	0.70	*0.01*	4924	**4.0**	*0.07*	0.38	*0.01*
Canada, Alberta	810	**8.3**	*0.32*	0.84	*0.04*	500	**4.7**	*0.24*	0.48	*0.03*
Canada, British Columbia	997	**6.9**	*0.26*	0.68	*0.03*	622	**4.1**	*0.22*	0.39	*0.02*
Canada, Manitoba	330	**8.0**	*0.50*	0.81	*0.06*	238	**5.0**	*0.39*	0.51	*0.04*
Canada, New Brunswick	161	**6.7**	*0.62*	0.68	*0.06*	103	**3.4**	*0.45*	0.32	*0.04*
Canada, Newfoundland and Labrador	40	**2.8**	*0.52*	0.22	*0.04*	19	**1.6**	*0.45*	0.11	*0.03*
*Canada, Northwest Territories	5	**5.1**	*2.46*	0.55	*0.31*	4	**3.7**	*1.88*	0.29	*0.17*
Canada, Nova Scotia	191	**5.9**	*0.49*	0.60	*0.05*	140	**3.7**	*0.40*	0.38	*0.04*
Canada, Ontario	2935	**7.3**	*0.15*	0.73	*0.02*	1920	**4.1**	*0.12*	0.39	*0.01*
Canada, Prince Edward Island	47	**10.6**	*1.78*	1.00	*0.17*	20	**3.5**	*0.98*	0.38	*0.11*
*Canada, Quebec	1689	**6.6**	*0.19*	0.62	*0.02*	1157	**3.6**	*0.15*	0.31	*0.01*
Canada, Saskatchewan	337	**9.2**	*0.58*	0.96	*0.07*	199	**5.0**	*0.44*	0.50	*0.05*
*Canada, Yukon	5	**5.6**	*2.63*	0.34	*0.23*	2	**2.6**	*1.93*	0.36	*0.29*
USA, NPCR (42 states)	49330	**6.1**	*0.03*	0.59	*0.00*	33891	**3.6**	*0.02*	0.32	*0.00*
USA, NPCR (42 states): American Indian	225	**3.5**	*0.24*	0.31	*0.03*	135	**1.9**	*0.17*	0.18	*0.02*
USA, NPCR (42 states): Asian and Pacific Islander	550	**2.1**	*0.09*	0.16	*0.01*	416	**1.5**	*0.08*	0.11	*0.01*
USA, NPCR (42 states): Black	3446	**4.3**	*0.08*	0.45	*0.01*	2463	**2.3**	*0.05*	0.23	*0.01*
USA, NPCR (42 states): White	43654	**6.3**	*0.03*	0.61	*0.00*	29866	**3.8**	*0.03*	0.34	*0.00*
USA, SEER (9 registries)	5580	**6.6**	*0.09*	0.66	*0.01*	3791	**3.8**	*0.07*	0.36	*0.01*
*USA, SEER (9 registries): Black	365	**4.8**	*0.26*	0.46	*0.03*	254	**2.5**	*0.17*	0.26	*0.02*
*USA, SEER (9 registries): White	4843	**7.1**	*0.11*	0.72	*0.01*	3259	**4.2**	*0.09*	0.39	*0.01*
USA, SEER (18 registries)	14980	**6.2**	*0.05*	0.60	*0.01*	10256	**3.7**	*0.04*	0.34	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	508	**2.9**	*0.14*	0.23	*0.01*	379	**2.1**	*0.12*	0.15	*0.01*
*USA, SEER (18 registries): Black	999	**4.5**	*0.15*	0.45	*0.02*	674	**2.3**	*0.10*	0.23	*0.01*
*USA, SEER (18 registries): Hispanic White	1700	**4.9**	*0.13*	0.41	*0.02*	1278	**3.6**	*0.10*	0.30	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	11307	**6.7**	*0.07*	0.67	*0.01*	7629	**3.9**	*0.06*	0.36	*0.01*
*USA, SEER (18 registries): White	13007	**6.7**	*0.06*	0.64	*0.01*	8907	**4.0**	*0.05*	0.36	*0.01*
USA, Alabama	771	**5.2**	*0.20*	0.53	*0.02*	543	**3.2**	*0.16*	0.30	*0.02*
USA, Alabama: Black	114	**4.0**	*0.39*	0.42	*0.05*	91	**2.3**	*0.26*	0.24	*0.03*
USA, Alabama: White	628	**5.4**	*0.24*	0.55	*0.03*	433	**3.5**	*0.21*	0.32	*0.02*
USA, Alaska	121	**7.4**	*0.70*	0.77	*0.09*	61	**3.8**	*0.51*	0.39	*0.06*
*USA, Alaska: American Indian	9	**3.6**	*1.21*	0.27	*0.11*	7	**2.8**	*1.06*	0.21	*0.10*
USA, Arizona	832	**4.6**	*0.17*	0.41	*0.02*	551	**2.8**	*0.14*	0.23	*0.01*
USA, Arizona: American Indian	27	**3.7**	*0.71*	0.27	*0.07*	10	**1.3**	*0.42*	0.09	*0.04*
USA, Arizona: Asian and Pacific Islander	7	**2.3**	*0.89*	0.12	*0.06*	4	**1.2**	*0.62*	0.09	*0.05*
USA, Arizona: Black	21	**3.8**	*0.85*	0.29	*0.09*	17	**2.7**	*0.68*	0.21	*0.08*
USA, Arizona: White	747	**4.5**	*0.18*	0.41	*0.02*	511	**2.9**	*0.15*	0.23	*0.01*
USA, Arkansas	502	**5.5**	*0.27*	0.56	*0.03*	314	**2.9**	*0.20*	0.26	*0.02*
USA, Arkansas: Black	41	**4.2**	*0.68*	0.42	*0.08*	31	**2.2**	*0.44*	0.25	*0.06*
USA, Arkansas: White	451	**5.7**	*0.30*	0.58	*0.03*	277	**3.0**	*0.23*	0.26	*0.02*
USA, California	5936	**6.0**	*0.08*	0.55	*0.01*	4001	**3.6**	*0.06*	0.31	*0.01*
USA, California: American Indian	19	**1.7**	*0.41*	0.15	*0.05*	13	**1.0**	*0.29*	0.09	*0.04*
USA, California: Asian and Pacific Islander	258	**2.4**	*0.16*	0.18	*0.01*	172	**1.5**	*0.13*	0.11	*0.01*
USA, California: Black	262	**4.3**	*0.27*	0.41	*0.03*	175	**2.4**	*0.19*	0.25	*0.02*
USA, California: White	5127	**6.4**	*0.10*	0.59	*0.01*	3465	**3.9**	*0.08*	0.34	*0.01*
USA, California, Los Angeles County	1549	**6.0**	*0.16*	0.53	*0.02*	1113	**3.8**	*0.13*	0.34	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	85	**2.6**	*0.31*	0.20	*0.03*	50	**1.6**	*0.27*	0.11	*0.02*
*USA, California, Los Angeles County: Black	97	**3.9**	*0.41*	0.38	*0.05*	85	**2.6**	*0.31*	0.29	*0.04*
*USA, California, Los Angeles County: Chinese	30	**3.6**	*0.73*	0.26	*0.05*	17	**2.1**	*0.59*	0.14	*0.04*
*USA, California, Los Angeles County: Filipino	17	**2.4**	*0.63*	0.18	*0.05*	7	**1.0**	*0.48*	0.07	*0.03*
*USA, California, Los Angeles County: Hispanic White	490	**5.1**	*0.24*	0.38	*0.03*	368	**3.7**	*0.20*	0.31	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lymphoid leukaemia (C91) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	11	**2.1**	*0.86*	0.22	*0.09*	7	**1.7**	*0.83*	0.14	*0.06*
*USA, California, Los Angeles County: Korean	6	**1.1**	*0.46*	0.11	*0.06*	3	**0.6**	*0.37*	0.06	*0.04*
*USA, California, Los Angeles County: Non−Hispanic White	811	**7.3**	*0.33*	0.68	*0.03*	557	**4.2**	*0.25*	0.40	*0.02*
*USA, California, Los Angeles County: White	1301	**6.7**	*0.20*	0.59	*0.02*	925	**4.2**	*0.16*	0.38	*0.02*
USA, California, San Francisco Bay Area	760	**6.1**	*0.25*	0.60	*0.03*	488	**3.4**	*0.19*	0.32	*0.02*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	75	**3.1**	*0.40*	0.21	*0.03*	46	**1.7**	*0.30*	0.15	*0.03*
*USA, California, San Francisco Bay Area: Black	51	**4.7**	*0.71*	0.42	*0.08*	31	**2.3**	*0.47*	0.24	*0.05*
*USA, California, San Francisco Bay Area: Hispanic White	75	**4.5**	*0.55*	0.33	*0.06*	52	**3.1**	*0.44*	0.24	*0.05*
*USA, California, San Francisco Bay Area: Non−Hispanic White	534	**7.1**	*0.37*	0.78	*0.04*	342	**4.1**	*0.29*	0.40	*0.03*
*USA, California, San Francisco Bay Area: White	609	**6.9**	*0.31*	0.73	*0.04*	394	**4.0**	*0.25*	0.38	*0.03*
USA, Colorado	904	**6.9**	*0.24*	0.66	*0.03*	591	**3.9**	*0.18*	0.38	*0.02*
USA, Colorado: Asian and Pacific Islander	10	**3.7**	*1.20*	0.51	*0.21*	6	**1.9**	*0.80*	0.16	*0.08*
USA, Colorado: Black	24	**5.5**	*1.16*	0.63	*0.17*	7	**1.2**	*0.48*	0.11	*0.06*
USA, Colorado: White	819	**6.7**	*0.25*	0.63	*0.03*	528	**3.7**	*0.19*	0.36	*0.02*
USA, Connecticut	689	**6.3**	*0.27*	0.61	*0.03*	446	**3.5**	*0.21*	0.29	*0.02*
*USA, Connecticut: Black	33	**4.0**	*0.72*	0.47	*0.11*	25	**2.2**	*0.47*	0.21	*0.05*
*USA, Connecticut: White	634	**6.6**	*0.30*	0.63	*0.03*	410	**3.7**	*0.24*	0.30	*0.02*
USA, Delaware	143	**5.3**	*0.48*	0.55	*0.06*	84	**2.6**	*0.34*	0.26	*0.04*
USA, Delaware: Black	15	**3.5**	*0.93*	0.40	*0.13*	15	**2.7**	*0.75*	0.23	*0.08*
USA, Delaware: White	123	**5.6**	*0.57*	0.58	*0.06*	67	**2.7**	*0.39*	0.26	*0.04*
USA, Florida	3614	**5.5**	*0.11*	0.53	*0.01*	2546	**3.2**	*0.08*	0.29	*0.01*
USA, Florida: Asian and Pacific Islander	12	**1.4**	*0.41*	0.11	*0.04*	11	**1.0**	*0.31*	0.08	*0.03*
USA, Florida: Black	243	**3.8**	*0.25*	0.38	*0.03*	196	**2.5**	*0.19*	0.24	*0.02*
USA, Florida: White	3304	**5.8**	*0.13*	0.56	*0.01*	2309	**3.4**	*0.10*	0.30	*0.01*
USA, Georgia	1387	**5.7**	*0.16*	0.55	*0.02*	997	**3.4**	*0.12*	0.31	*0.01*
USA, Georgia: Asian and Pacific Islander	9	**1.8**	*0.62*	0.12	*0.05*	10	**1.5**	*0.50*	0.12	*0.06*
USA, Georgia: Black	262	**4.9**	*0.31*	0.50	*0.04*	175	**2.3**	*0.18*	0.19	*0.02*
USA, Georgia: White	1095	**5.9**	*0.19*	0.57	*0.02*	793	**3.8**	*0.16*	0.35	*0.02*
USA, Georgia, Atlanta	454	**5.8**	*0.28*	0.53	*0.03*	327	**3.4**	*0.21*	0.32	*0.03*
*USA, Georgia, Atlanta: Black	114	**5.3**	*0.52*	0.49	*0.07*	73	**2.4**	*0.29*	0.22	*0.04*
*USA, Georgia, Atlanta: White	324	**6.2**	*0.36*	0.57	*0.04*	242	**4.2**	*0.30*	0.39	*0.03*
USA, Idaho	323	**7.0**	*0.42*	0.68	*0.05*	205	**4.2**	*0.33*	0.42	*0.04*
USA, Illinois	2313	**6.0**	*0.14*	0.60	*0.02*	1598	**3.5**	*0.11*	0.31	*0.01*
USA, Illinois: Asian and Pacific Islander	16	**1.3**	*0.34*	0.09	*0.03*	17	**1.6**	*0.40*	0.12	*0.03*
USA, Illinois: Black	205	**4.8**	*0.34*	0.55	*0.05*	150	**2.4**	*0.21*	0.24	*0.03*
USA, Illinois: White	2023	**6.3**	*0.15*	0.61	*0.02*	1379	**3.7**	*0.12*	0.32	*0.01*
USA, Indiana	1077	**5.6**	*0.19*	0.52	*0.02*	783	**3.4**	*0.15*	0.29	*0.01*
USA, Indiana: Black	49	**3.5**	*0.51*	0.32	*0.07*	41	**2.5**	*0.41*	0.22	*0.05*
USA, Indiana: White	984	**5.6**	*0.20*	0.52	*0.02*	720	**3.4**	*0.16*	0.29	*0.02*
USA, Iowa	809	**7.4**	*0.29*	0.79	*0.04*	561	**4.3**	*0.23*	0.40	*0.02*
USA, Kentucky	869	**6.7**	*0.25*	0.67	*0.03*	579	**3.5**	*0.17*	0.35	*0.02*
USA, Louisiana	580	**5.6**	*0.25*	0.56	*0.03*	372	**2.9**	*0.18*	0.27	*0.02*
*USA, Louisiana: Black	114	**4.4**	*0.42*	0.48	*0.06*	64	**1.8**	*0.24*	0.17	*0.03*
*USA, Louisiana: White	465	**6.2**	*0.32*	0.60	*0.04*	306	**3.4**	*0.25*	0.31	*0.02*
*USA, Louisiana, New Orleans	84	**4.3**	*0.50*	0.50	*0.06*	53	**2.4**	*0.40*	0.20	*0.04*
*USA, Louisiana, New Orleans: Black	26	**4.3**	*0.86*	0.57	*0.13*	14	**1.8**	*0.51*	0.15	*0.05*
*USA, Louisiana, New Orleans: White	58	**4.7**	*0.73*	0.51	*0.08*	39	**3.0**	*0.67*	0.25	*0.05*
USA, Maine	368	**7.6**	*0.44*	0.82	*0.05*	252	**4.7**	*0.39*	0.44	*0.04*
USA, Massachusetts	1209	**6.1**	*0.20*	0.59	*0.02*	879	**3.8**	*0.16*	0.34	*0.02*
USA, Massachusetts: Asian and Pacific Islander	10	**1.5**	*0.49*	0.12	*0.05*	7	**1.1**	*0.43*	0.10	*0.05*
USA, Massachusetts: Black	28	**2.8**	*0.54*	0.28	*0.07*	30	**2.4**	*0.44*	0.22	*0.06*
USA, Massachusetts: White	1137	**6.3**	*0.21*	0.61	*0.02*	820	**3.9**	*0.18*	0.35	*0.02*
USA, Michigan	2080	**6.5**	*0.16*	0.66	*0.02*	1442	**3.8**	*0.12*	0.36	*0.01*
USA, Michigan: Asian and Pacific Islander	16	**2.9**	*0.75*	0.21	*0.06*	12	**2.1**	*0.64*	0.20	*0.08*
USA, Michigan: Black	173	**4.9**	*0.38*	0.51	*0.05*	121	**2.5**	*0.24*	0.27	*0.03*
USA, Michigan: White	1807	**6.5**	*0.17*	0.65	*0.02*	1237	**3.8**	*0.14*	0.36	*0.01*
USA, Michigan, Detroit	829	**6.7**	*0.25*	0.71	*0.03*	576	**3.7**	*0.18*	0.38	*0.02*
*USA, Michigan, Detroit: Black	130	**5.0**	*0.45*	0.48	*0.06*	98	**2.7**	*0.30*	0.31	*0.04*
*USA, Michigan, Detroit: White	657	**7.0**	*0.31*	0.74	*0.04*	451	**4.0**	*0.23*	0.39	*0.03*
USA, Mississippi	385	**4.6**	*0.25*	0.44	*0.03*	264	**2.5**	*0.18*	0.22	*0.02*
USA, Missouri	1072	**5.8**	*0.20*	0.59	*0.02*	717	**3.2**	*0.15*	0.28	*0.01*
USA, Missouri: Black	77	**5.0**	*0.58*	0.50	*0.08*	47	**2.2**	*0.35*	0.22	*0.04*
USA, Missouri: White	981	**5.9**	*0.21*	0.59	*0.02*	664	**3.4**	*0.17*	0.29	*0.02*
USA, Montana	207	**6.4**	*0.50*	0.70	*0.06*	139	**3.8**	*0.39*	0.38	*0.04*
USA, Montana: American Indian	5	**3.9**	*1.77*	0.47	*0.28*	6	**3.6**	*1.50*	0.30	*0.19*
USA, Nebraska	460	**7.7**	*0.39*	0.81	*0.05*	313	**4.4**	*0.31*	0.44	*0.03*
USA, Nebraska: Black	9	**5.4**	*1.86*	0.63	*0.29*	1	**0.5**	*0.49*	0.02	*0.02*
USA, Nebraska: White	430	**7.6**	*0.40*	0.80	*0.05*	297	**4.4**	*0.32*	0.44	*0.04*
USA, New Hampshire	293	**6.8**	*0.44*	0.68	*0.05*	208	**4.8**	*0.41*	0.45	*0.04*
USA, New Jersey	1831	**6.8**	*0.18*	0.65	*0.02*	1328	**4.1**	*0.14*	0.38	*0.01*
*USA, New Jersey: Black	124	**4.2**	*0.39*	0.38	*0.04*	97	**2.6**	*0.29*	0.25	*0.03*
*USA, New Jersey: White	1595	**7.2**	*0.21*	0.68	*0.02*	1160	**4.3**	*0.16*	0.39	*0.02*
USA, New Mexico	399	**6.9**	*0.38*	0.68	*0.04*	274	**4.1**	*0.28*	0.39	*0.03*
*USA, New Mexico: Hispanic White	103	**5.3**	*0.53*	0.47	*0.06*	72	**3.4**	*0.42*	0.29	*0.04*
*USA, New Mexico: Non−Hispanic White	274	**8.7**	*0.66*	0.86	*0.06*	182	**4.8**	*0.48*	0.46	*0.04*
*USA, New Mexico: White	377	**7.4**	*0.42*	0.72	*0.05*	254	**4.3**	*0.32*	0.40	*0.03*
USA, New York State	4186	**6.9**	*0.12*	0.67	*0.01*	2979	**3.9**	*0.09*	0.35	*0.01*
USA, New York State: Asian and Pacific Islander	50	**1.6**	*0.23*	0.12	*0.02*	44	**1.5**	*0.24*	0.10	*0.02*
USA, New York State: Black	337	**4.2**	*0.23*	0.44	*0.03*	248	**2.1**	*0.15*	0.20	*0.02*
USA, New York State: White	3686	**7.5**	*0.14*	0.73	*0.02*	2611	**4.3**	*0.11*	0.39	*0.01*
USA, North Carolina	1452	**5.6**	*0.16*	0.54	*0.02*	1017	**3.2**	*0.12*	0.30	*0.01*
USA, North Carolina: American Indian	6	**2.5**	*1.02*	0.18	*0.09*	2	**0.5**	*0.39*	0.06	*0.04*
USA, North Carolina: Asian and Pacific Islander	12	**3.2**	*0.94*	0.17	*0.05*	2	**0.5**	*0.37*	0.04	*0.03*
USA, North Carolina: Black	178	**4.0**	*0.31*	0.43	*0.04*	143	**2.3**	*0.21*	0.25	*0.03*
USA, North Carolina: White	1224	**5.8**	*0.18*	0.56	*0.02*	855	**3.5**	*0.15*	0.32	*0.01*
USA, North Dakota	187	**7.9**	*0.66*	0.76	*0.08*	144	**5.9**	*0.60*	0.61	*0.07*
USA, Ohio	1827	**5.1**	*0.13*	0.49	*0.01*	1295	**3.1**	*0.11*	0.28	*0.01*
USA, Ohio: Asian and Pacific Islander	8	**2.4**	*0.84*	0.19	*0.09*	1	**0.3**	*0.29*	0.01	*0.01*
USA, Ohio: Black	142	**4.0**	*0.35*	0.40	*0.04*	103	**2.2**	*0.24*	0.25	*0.03*
USA, Ohio: White	1642	**5.2**	*0.15*	0.50	*0.02*	1155	**3.2**	*0.12*	0.28	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lymphoid leukaemia (C91) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	775	**6.8**	*0.27*	0.68	*0.03*	548	**3.8**	*0.20*	0.37	*0.02*
USA, Oklahoma: American Indian	61	**7.9**	*1.02*	0.76	*0.13*	44	**4.4**	*0.71*	0.40	*0.09*
USA, Oklahoma: Black	21	**3.2**	*0.71*	0.40	*0.12*	26	**3.3**	*0.69*	0.31	*0.08*
USA, Oklahoma: White	668	**6.7**	*0.29*	0.67	*0.03*	469	**3.8**	*0.22*	0.37	*0.02*
USA, Oregon	598	**5.3**	*0.24*	0.49	*0.03*	408	**3.4**	*0.20*	0.29	*0.02*
USA, Oregon: Asian and Pacific Islander	11	**3.4**	*1.05*	0.11	*0.05*	3	**0.9**	*0.57*	0.05	*0.03*
USA, Oregon: Black	11	**5.8**	*1.82*	0.66	*0.26*	6	**3.4**	*1.45*	0.39	*0.20*
USA, Oregon: White	558	**5.2**	*0.25*	0.49	*0.03*	388	**3.4**	*0.21*	0.30	*0.02*
USA, Pennsylvania	2774	**6.5**	*0.14*	0.63	*0.02*	1929	**3.7**	*0.11*	0.35	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	13	**2.1**	*0.58*	0.27	*0.09*	5	**0.7**	*0.34*	0.06	*0.03*
USA, Pennsylvania: Black	139	**4.2**	*0.37*	0.39	*0.04*	90	**2.0**	*0.23*	0.18	*0.03*
USA, Pennsylvania: White	2519	**6.5**	*0.15*	0.63	*0.02*	1758	**3.8**	*0.12*	0.35	*0.01*
USA, Rhode Island	213	**6.3**	*0.49*	0.61	*0.05*	135	**3.5**	*0.39*	0.29	*0.03*
USA, Rhode Island: Black	3	**2.0**	*1.24*	0.17	*0.13*	2	**1.1**	*0.81*	0.12	*0.12*
USA, Rhode Island: White	205	**6.7**	*0.55*	0.63	*0.06*	130	**3.7**	*0.44*	0.31	*0.04*
USA, South Carolina	780	**5.8**	*0.23*	0.59	*0.03*	549	**3.1**	*0.16*	0.31	*0.02*
USA, South Carolina: Black	117	**3.8**	*0.36*	0.39	*0.05*	106	**2.5**	*0.27*	0.28	*0.04*
USA, South Carolina: White	641	**6.4**	*0.28*	0.64	*0.03*	433	**3.4**	*0.20*	0.32	*0.02*
USA, South Dakota	159	**5.9**	*0.52*	0.63	*0.06*	130	**4.4**	*0.46*	0.41	*0.05*
USA, Tennessee	982	**5.5**	*0.19*	0.54	*0.02*	655	**3.1**	*0.15*	0.28	*0.01*
USA, Tennessee: Black	109	**4.9**	*0.49*	0.52	*0.07*	67	**2.5**	*0.32*	0.24	*0.04*
USA, Tennessee: White	856	**5.6**	*0.21*	0.54	*0.02*	568	**3.1**	*0.16*	0.28	*0.02*
USA, Texas	4049	**6.4**	*0.11*	0.65	*0.01*	2927	**4.0**	*0.08*	0.36	*0.01*
USA, Texas: Asian and Pacific Islander	20	**1.3**	*0.29*	0.11	*0.04*	23	**1.3**	*0.27*	0.11	*0.03*
USA, Texas: Black	331	**5.7**	*0.32*	0.64	*0.05*	208	**2.7**	*0.20*	0.24	*0.02*
USA, Texas: White	3571	**6.5**	*0.11*	0.65	*0.01*	2577	**4.1**	*0.09*	0.37	*0.01*
USA, Utah	403	**6.1**	*0.32*	0.64	*0.04*	279	**3.8**	*0.24*	0.36	*0.03*
USA, Vermont	156	**8.1**	*0.75*	0.81	*0.08*	94	**4.8**	*0.63*	0.40	*0.05*
USA, Virginia	1128	**5.1**	*0.16*	0.48	*0.02*	728	**3.0**	*0.13*	0.25	*0.01*
USA, Virginia: Asian and Pacific Islander	9	**1.1**	*0.39*	0.08	*0.03*	9	**1.2**	*0.41*	0.11	*0.04*
USA, Virginia: Black	157	**4.4**	*0.36*	0.46	*0.05*	97	**2.1**	*0.24*	0.21	*0.03*
USA, Virginia: White	909	**5.2**	*0.19*	0.48	*0.02*	580	**3.1**	*0.16*	0.25	*0.01*
USA, Washington State	1458	**7.3**	*0.21*	0.72	*0.02*	932	**4.3**	*0.17*	0.40	*0.02*
USA, Washington, Seattle	1050	**7.8**	*0.26*	0.78	*0.03*	712	**4.9**	*0.22*	0.47	*0.02*
USA, West Virginia	443	**6.6**	*0.36*	0.71	*0.04*	286	**3.8**	*0.29*	0.36	*0.03*
USA, Wisconsin	1512	**8.2**	*0.23*	0.82	*0.03*	960	**4.9**	*0.19*	0.44	*0.02*
USA, Wisconsin: Black	37	**6.0**	*1.03*	0.72	*0.15*	29	**3.5**	*0.67*	0.34	*0.09*
USA, Wisconsin: White	1423	**8.3**	*0.25*	0.82	*0.03*	898	**4.9**	*0.20*	0.44	*0.02*
USA, Wyoming	99	**6.1**	*0.67*	0.60	*0.07*	56	**3.4**	*0.52*	0.38	*0.06*
Asia										
Bahrain: Bahraini	21	**2.4**	*0.56*	0.28	*0.09*	12	**1.2**	*0.37*	0.12	*0.05*
China, Beijing City	352	**2.6**	*0.21*	0.17	*0.01*	220	**1.5**	*0.15*	0.11	*0.01*
*China, Cixian County	18	**1.3**	*0.32*	0.09	*0.03*	10	**0.6**	*0.20*	0.05	*0.02*
China, Haining County	20	**1.5**	*0.38*	0.11	*0.03*	6	**0.6**	*0.28*	0.03	*0.01*
*China, Harbin City, Nangang District	28	**1.0**	*0.20*	0.08	*0.02*	21	**0.6**	*0.14*	0.07	*0.02*
China, Hong Kong	317	**2.6**	*0.18*	0.18	*0.01*	238	**1.7**	*0.15*	0.11	*0.01*
China, Jiashan County	11	**1.1**	*0.37*	0.08	*0.03*	7	**0.8**	*0.36*	0.05	*0.02*
China, Jiaxing City	18	**2.5**	*0.73*	0.23	*0.06*	13	**2.2**	*0.79*	0.14	*0.05*
China, Macao	16	**1.5**	*0.39*	0.14	*0.04*	10	**0.8**	*0.27*	0.04	*0.01*
China, Qidong County	33	**1.1**	*0.22*	0.09	*0.02*	34	**1.1**	*0.22*	0.10	*0.02*
*China, Shanghai City	274	**1.8**	*0.17*	0.13	*0.01*	164	**1.3**	*0.16*	0.08	*0.01*
*China, Wuhan City	210	**2.1**	*0.18*	0.17	*0.01*	152	**1.8**	*0.19*	0.14	*0.01*
*China, Yangcheng County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yanting County	15	**0.9**	*0.26*	0.12	*0.04*	5	**0.3**	*0.15*	0.02	*0.01*
*China, Zhongshan City	49	**1.8**	*0.26*	0.15	*0.03*	36	**1.4**	*0.25*	0.11	*0.02*
*India, Bangalore	146	**1.7**	*0.15*	0.16	*0.02*	67	**0.9**	*0.11*	0.06	*0.01*
*India; Barshi, Paranda, and Bhum	17	**1.2**	*0.29*	0.06	*0.02*	4	**0.4**	*0.18*	0.03	*0.02*
*India, Bhopal	53	**1.9**	*0.28*	0.19	*0.04*	27	**0.9**	*0.18*	0.07	*0.02*
*India, Chennai	208	**2.3**	*0.17*	0.15	*0.01*	146	**1.7**	*0.15*	0.11	*0.01*
*India, Dindigul, Ambilikkai	35	**0.8**	*0.13*	0.05	*0.01*	12	**0.3**	*0.07*	0.02	*0.01*
*India, Karunagappally	14	**1.7**	*0.46*	0.09	*0.02*	13	**1.4**	*0.41*	0.09	*0.03*
*India, Mizoram	21	**1.0**	*0.23*	0.08	*0.03*	12	**0.5**	*0.15*	0.03	*0.01*
*India, Mumbai	454	**1.6**	*0.08*	0.12	*0.01*	272	**1.1**	*0.07*	0.08	*0.01*
*India, New Delhi	778	**2.3**	*0.09*	0.20	*0.01*	331	**1.1**	*0.06*	0.09	*0.01*
*India, Poona	109	**1.2**	*0.12*	0.08	*0.01*	47	**0.5**	*0.08*	0.04	*0.01*
*India, Sikkim State	6	**0.3**	*0.13*	0.02	*0.01*	4	**0.4**	*0.20*	0.01	*0.01*
*India, Trivandrum	31	**2.2**	*0.40*	0.16	*0.04*	16	**1.1**	*0.29*	0.08	*0.02*
*Iran (Islamic Republic of), Golestan Province	103	**5.2**	*0.54*	0.47	*0.06*	47	**2.4**	*0.38*	0.25	*0.05*
Israel	1181	**6.2**	*0.19*	0.60	*0.02*	787	**3.4**	*0.13*	0.31	*0.02*
*Israel: Jews	1059	**6.3**	*0.21*	0.61	*0.03*	707	**3.4**	*0.15*	0.32	*0.02*
*Israel: Non–Jews	122	**5.3**	*0.53*	0.54	*0.07*	80	**3.0**	*0.36*	0.23	*0.04*
Japan, Aichi Prefecture	97	**2.5**	*0.30*	0.20	*0.02*	64	**1.6**	*0.25*	0.12	*0.02*
Japan, Fukui Prefecture	36	**1.5**	*0.35*	0.12	*0.02*	30	**1.0**	*0.25*	0.09	*0.02*
Japan, Hiroshima	49	**1.8**	*0.30*	0.13	*0.02*	48	**1.6**	*0.31*	0.12	*0.02*
Japan, Miyagi Prefecture	140	**2.0**	*0.21*	0.17	*0.02*	133	**2.2**	*0.25*	0.16	*0.02*
Japan, Nagasaki Prefecture	347	**5.0**	*0.34*	0.53	*0.04*	280	**3.4**	*0.29*	0.33	*0.03*
Japan, Niigata Prefecture	113	**2.3**	*0.27*	0.14	*0.02*	96	**1.5**	*0.22*	0.11	*0.01*
*Japan, Osaka Prefecture	536	**2.2**	*0.12*	0.17	*0.01*	447	**1.9**	*0.12*	0.14	*0.01*
Japan, Saga Prefecture	146	**4.4**	*0.45*	0.46	*0.04*	100	**2.8**	*0.39*	0.26	*0.03*
Republic of Korea	1604	**1.7**	*0.04*	0.11	*0.00*	1231	**1.3**	*0.04*	0.09	*0.00*
Republic of Korea, Busan	99	**1.5**	*0.17*	0.09	*0.01*	92	**1.5**	*0.18*	0.09	*0.01*
Republic of Korea, Daegu	74	**1.5**	*0.18*	0.10	*0.01*	52	**1.0**	*0.16*	0.07	*0.01*
Republic of Korea, Daejeon	54	**1.9**	*0.28*	0.12	*0.02*	35	**1.3**	*0.23*	0.08	*0.01*
Republic of Korea, Gwangju	45	**1.8**	*0.28*	0.12	*0.02*	44	**1.7**	*0.29*	0.12	*0.02*
Republic of Korea, Incheon	88	**1.7**	*0.20*	0.13	*0.02*	65	**1.2**	*0.17*	0.09	*0.01*
Republic of Korea, Jejudo	18	**1.9**	*0.47*	0.16	*0.05*	14	**1.7**	*0.47*	0.09	*0.03*
Republic of Korea, Seoul	337	**1.7**	*0.10*	0.11	*0.01*	246	**1.3**	*0.09*	0.09	*0.01*
Republic of Korea, Ulsan	41	**2.0**	*0.33*	0.14	*0.03*	32	**1.6**	*0.31*	0.12	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lymphoid leukaemia (C91) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	191	**3.6**	*0.31*	0.25	*0.03*	99	**2.9**	*0.34*	0.29	*0.05*
*Kuwait: Kuwaitis	84	**3.5**	*0.43*	0.24	*0.05*	54	**2.5**	*0.39*	0.28	*0.06*
*Kuwait: Non−Kuwaitis	107	**3.3**	*0.51*	0.22	*0.03*	45	**3.5**	*0.67*	0.30	*0.09*
*Malaysia, Penang	54	**2.0**	*0.28*	0.18	*0.03*	33	**1.3**	*0.23*	0.09	*0.02*
*Malaysia, Penang: Chinese	22	**1.9**	*0.42*	0.19	*0.05*	19	**1.7**	*0.42*	0.12	*0.03*
*Malaysia, Penang: Indian	4	**1.1**	*0.58*	0.08	*0.04*	3	**1.1**	*0.64*	0.06	*0.03*
*Malaysia, Penang: Malay	28	**2.1**	*0.41*	0.15	*0.03*	11	**1.0**	*0.30*	0.06	*0.02*
*Philippines, Manila	335	**2.5**	*0.15*	0.16	*0.01*	254	**2.0**	*0.13*	0.14	*0.01*
*Philippines, Rizal	310	**2.1**	*0.14*	0.14	*0.01*	219	**1.5**	*0.11*	0.10	*0.01*
Qatar: Qatari	17	**3.7**	*1.05*	0.38	*0.16*	5	**1.1**	*0.60*	0.10	*0.07*
*Saudi Arabia, Riyadh: Saudi	247	**2.9**	*0.21*	0.23	*0.03*	140	**1.7**	*0.16*	0.14	*0.02*
Singapore	206	**2.9**	*0.21*	0.20	*0.02*	153	**2.2**	*0.19*	0.15	*0.01*
Singapore: Chinese	159	**3.0**	*0.26*	0.21	*0.02*	123	**2.4**	*0.24*	0.16	*0.02*
Singapore: Indian	18	**3.0**	*0.73*	0.18	*0.05*	7	**1.2**	*0.46*	0.07	*0.03*
Singapore: Malay	22	**1.9**	*0.43*	0.15	*0.04*	18	**1.8**	*0.43*	0.11	*0.03*
Thailand, Bangkok	239	**2.1**	*0.14*	0.15	*0.01*	162	**1.3**	*0.11*	0.09	*0.01*
Thailand, Chiang Mai	47	**1.6**	*0.26*	0.09	*0.01*	38	**1.4**	*0.24*	0.09	*0.01*
Thailand, Chonburi	56	**2.5**	*0.35*	0.16	*0.03*	43	**1.8**	*0.29*	0.11	*0.02*
*Thailand, Khon Kaen	56	**1.5**	*0.20*	0.11	*0.02*	37	**1.0**	*0.16*	0.08	*0.01*
Thailand, Lampang	34	**1.9**	*0.35*	0.14	*0.03*	27	**1.5**	*0.33*	0.10	*0.02*
*Thailand, Songkhla	36	**1.5**	*0.26*	0.12	*0.02*	34	**1.3**	*0.24*	0.10	*0.02*
*Turkey, Antalya	138	**4.0**	*0.34*	0.33	*0.04*	66	**2.0**	*0.26*	0.12	*0.02*
*Turkey, Edirne	25	**3.2**	*0.70*	0.30	*0.07*	15	**2.4**	*0.69*	0.18	*0.05*
*Turkey, Izmir	336	**4.2**	*0.24*	0.36	*0.02*	232	**2.8**	*0.20*	0.24	*0.02*
*Turkey, Trabzon	47	**4.8**	*0.72*	0.45	*0.07*	20	**1.8**	*0.41*	0.18	*0.04*
Europe										
Austria	1469	**5.3**	*0.16*	0.51	*0.02*	1162	**3.3**	*0.14*	0.29	*0.01*
Austria, Tyrol	149	**6.4**	*0.58*	0.70	*0.07*	106	**4.1**	*0.51*	0.39	*0.05*
Austria, Vorarlberg	52	**5.1**	*0.79*	0.51	*0.08*	41	**2.9**	*0.61*	0.22	*0.05*
*Belarus	1575	**5.9**	*0.16*	0.61	*0.02*	1330	**3.4**	*0.12*	0.35	*0.01*
*Belgium	1640	**5.7**	*0.17*	0.57	*0.02*	1141	**3.6**	*0.14*	0.35	*0.01*
Bulgaria	845	**3.9**	*0.17*	0.34	*0.01*	608	**2.5**	*0.14*	0.21	*0.01*
Croatia	728	**5.2**	*0.23*	0.46	*0.02*	545	**3.1**	*0.18*	0.29	*0.01*
Cyprus	124	**5.8**	*0.59*	0.58	*0.06*	96	**4.5**	*0.54*	0.40	*0.05*
Czech Republic	1755	**5.2**	*0.14*	0.54	*0.02*	1162	**3.0**	*0.12*	0.28	*0.01*
Denmark	1199	**6.1**	*0.20*	0.61	*0.02*	822	**3.9**	*0.17*	0.37	*0.02*
*Estonia	231	**5.3**	*0.38*	0.59	*0.05*	211	**3.1**	*0.28*	0.30	*0.03*
Finland	902	**5.2**	*0.20*	0.48	*0.02*	632	**3.3**	*0.18*	0.27	*0.01*
*France, Bas−Rhin	186	**5.6**	*0.46*	0.55	*0.05*	141	**3.6**	*0.38*	0.32	*0.04*
*France, Calvados	153	**6.0**	*0.55*	0.63	*0.07*	125	**4.3**	*0.49*	0.42	*0.05*
*France, Doubs	148	**8.2**	*0.74*	0.88	*0.09*	87	**4.4**	*0.59*	0.41	*0.06*
*France, Haut−Rhin	154	**5.9**	*0.51*	0.69	*0.07*	109	**3.7**	*0.44*	0.35	*0.04*
*France, Hérault	200	**5.9**	*0.48*	0.65	*0.05*	144	**3.4**	*0.38*	0.32	*0.04*
*France, Isère	246	**6.2**	*0.43*	0.61	*0.05*	173	**4.1**	*0.38*	0.38	*0.04*
*France, Loire−Atlantique	334	**7.9**	*0.48*	0.82	*0.06*	230	**4.2**	*0.34*	0.45	*0.04*
*France, Manche	148	**7.2**	*0.70*	0.79	*0.08*	87	**3.9**	*0.56*	0.37	*0.05*
*France, Somme	144	**7.4**	*0.69*	0.87	*0.09*	92	**3.3**	*0.44*	0.34	*0.05*
*France, Tarn	84	**5.5**	*0.74*	0.55	*0.07*	45	**3.5**	*0.71*	0.32	*0.06*
*France, Vendée	118	**5.2**	*0.56*	0.54	*0.06*	61	**2.6**	*0.43*	0.25	*0.04*
Germany, Brandenburg	597	**6.7**	*0.36*	0.62	*0.03*	430	**4.0**	*0.31*	0.34	*0.02*
Germany, Bremen	119	**4.3**	*0.48*	0.44	*0.05*	100	**3.2**	*0.50*	0.28	*0.04*
Germany, Free State of Saxony	1079	**6.2**	*0.25*	0.63	*0.02*	850	**3.5**	*0.20*	0.34	*0.02*
Germany, Hamburg	352	**6.1**	*0.41*	0.55	*0.04*	292	**4.0**	*0.34*	0.34	*0.03*
Germany, Mecklenburg−Western Pomerania	420	**6.3**	*0.38*	0.68	*0.04*	267	**3.2**	*0.29*	0.33	*0.03*
Germany, Munich	757	**5.7**	*0.25*	0.50	*0.02*	474	**3.0**	*0.20*	0.24	*0.02*
Germany, North Rhine−Westphalia	411	**5.3**	*0.33*	0.45	*0.03*	297	**3.5**	*0.27*	0.28	*0.02*
Germany, Saarland	170	**4.5**	*0.46*	0.40	*0.04*	112	**2.6**	*0.37*	0.23	*0.03*
Germany, Schleswig−Holstein	669	**5.9**	*0.28*	0.61	*0.03*	514	**4.4**	*0.28*	0.38	*0.02*
Iceland	46	**5.1**	*0.78*	0.58	*0.10*	21	**2.1**	*0.53*	0.19	*0.06*
Ireland	852	**6.9**	*0.25*	0.70	*0.03*	469	**3.5**	*0.18*	0.34	*0.02*
Italy, Biella	48	**6.8**	*1.42*	0.53	*0.10*	36	**3.7**	*1.08*	0.35	*0.08*
Italy, Brescia	139	**5.2**	*0.52*	0.49	*0.05*	85	**3.0**	*0.44*	0.22	*0.03*
Italy, Catania and Messina	272	**7.8**	*0.55*	0.80	*0.06*	170	**4.1**	*0.42*	0.41	*0.04*
Italy, Catanzaro	56	**8.4**	*1.34*	0.77	*0.11*	35	**4.5**	*1.07*	0.34	*0.07*
Italy, Como	87	**4.5**	*0.61*	0.43	*0.05*	66	**3.7**	*0.66*	0.29	*0.04*
Italy, Ferrara	82	**5.0**	*0.88*	0.43	*0.07*	65	**3.0**	*0.66*	0.25	*0.05*
Italy, Florence and Prato	98	**3.7**	*0.52*	0.31	*0.04*	91	**2.8**	*0.50*	0.22	*0.03*
Italy, Friuli−Venezia Giulia	199	**4.4**	*0.43*	0.39	*0.04*	139	**3.4**	*0.47*	0.23	*0.03*
Italy, Genoa	186	**6.3**	*0.69*	0.57	*0.05*	135	**3.1**	*0.48*	0.28	*0.04*
Italy, Latina	68	**3.7**	*0.55*	0.38	*0.05*	69	**4.3**	*0.71*	0.35	*0.05*
Italy, Lecco	54	**4.3**	*0.71*	0.42	*0.07*	33	**3.1**	*0.76*	0.23	*0.05*
Italy, Lombardy, South	92	**7.4**	*1.04*	0.58	*0.07*	69	**3.8**	*0.70*	0.33	*0.05*
Italy, Mantua	50	**6.9**	*1.34*	0.57	*0.10*	33	**3.7**	*0.99*	0.29	*0.07*
Italy, Milan	251	**6.4**	*0.54*	0.63	*0.05*	168	**3.4**	*0.42*	0.31	*0.03*
Italy, Modena	159	**6.0**	*0.61*	0.60	*0.06*	113	**3.7**	*0.52*	0.33	*0.04*
Italy, Naples	66	**4.7**	*0.61*	0.40	*0.06*	42	**2.9**	*0.49*	0.23	*0.04*
Italy, Nuoro	58	**6.1**	*1.02*	0.64	*0.10*	33	**3.8**	*0.88*	0.38	*0.08*
Italy, Palermo	149	**4.4**	*0.42*	0.43	*0.04*	73	**2.1**	*0.33*	0.19	*0.03*
Italy, Parma	95	**4.3**	*0.56*	0.42	*0.06*	58	**2.9**	*0.65*	0.23	*0.05*
Italy, Ragusa	73	**6.4**	*0.87*	0.64	*0.09*	48	**3.5**	*0.68*	0.35	*0.07*
Italy, Reggio Emilia	125	**7.2**	*0.79*	0.71	*0.07*	93	**4.8**	*0.65*	0.46	*0.06*
Italy, Romagna	258	**5.9**	*0.49*	0.56	*0.04*	173	**3.3**	*0.41*	0.26	*0.03*
Italy, Salerno	222	**6.4**	*0.53*	0.57	*0.05*	157	**3.2**	*0.35*	0.33	*0.03*
Italy, Sassari	74	**5.1**	*0.76*	0.41	*0.06*	57	**3.3**	*0.63*	0.30	*0.05*
Italy, Sondrio	42	**6.4**	*1.26*	0.62	*0.12*	15	**1.6**	*0.48*	0.19	*0.06*
Italy, South Tyrol	75	**6.3**	*0.87*	0.53	*0.07*	45	**2.2**	*0.48*	0.13	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lymphoid leukaemia (C91) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	59	**4.3**	*0.66*	0.43	*0.07*	39	**3.3**	*0.70*	0.28	*0.05*
Italy, Trapani	69	**5.9**	*0.88*	0.52	*0.08*	60	**4.6**	*0.84*	0.36	*0.06*
Italy, Trento	59	**4.8**	*0.78*	0.40	*0.06*	54	**3.3**	*0.73*	0.22	*0.05*
Italy, Turin	185	**4.8**	*0.49*	0.44	*0.04*	123	**2.8**	*0.44*	0.24	*0.03*
Italy, Umbria	179	**5.0**	*0.52*	0.50	*0.05*	118	**3.8**	*0.54*	0.32	*0.04*
Italy, Varese	155	**5.6**	*0.59*	0.52	*0.05*	111	**3.8**	*0.52*	0.32	*0.04*
Italy, Veneto	307	**4.9**	*0.35*	0.45	*0.03*	214	**2.9**	*0.30*	0.23	*0.02*
Latvia	245	**4.4**	*0.32*	0.47	*0.04*	281	**3.3**	*0.27*	0.30	*0.02*
Lithuania	654	**6.4**	*0.27*	0.68	*0.03*	628	**4.2**	*0.23*	0.42	*0.02*
Malta	38	**3.9**	*0.71*	0.27	*0.05*	24	**2.3**	*0.58*	0.18	*0.04*
*The Netherlands	2712	**5.2**	*0.11*	0.51	*0.01*	1793	**3.2**	*0.09*	0.28	*0.01*
*The Netherlands, Eindhoven	172	**4.9**	*0.41*	0.52	*0.05*	106	**3.4**	*0.40*	0.29	*0.03*
Norway	865	**5.6**	*0.22*	0.54	*0.02*	627	**3.7**	*0.19*	0.34	*0.02*
Poland, Cracow	55	**3.3**	*0.54*	0.32	*0.05*	43	**2.3**	*0.49*	0.20	*0.04*
Poland, Kielce	220	**5.4**	*0.41*	0.56	*0.05*	148	**2.6**	*0.28*	0.25	*0.03*
Poland, Lower Silesia	353	**4.2**	*0.26*	0.42	*0.03*	296	**2.4**	*0.18*	0.24	*0.02*
Poland, Podkarpackie	289	**4.7**	*0.31*	0.49	*0.04*	214	**2.7**	*0.23*	0.26	*0.02*
Portugal, Azores	25	**4.1**	*0.88*	0.29	*0.07*	26	**3.4**	*0.77*	0.31	*0.07*
Russian Federation, Saint Petersburg	662	**5.4**	*0.25*	0.52	*0.02*	663	**3.2**	*0.19*	0.32	*0.02*
*Serbia, Central	590	**3.2**	*0.16*	0.32	*0.01*	412	**2.2**	*0.14*	0.20	*0.01*
Slovakia	968	**6.6**	*0.23*	0.68	*0.03*	689	**3.5**	*0.16*	0.34	*0.02*
Slovenia	312	**4.8**	*0.31*	0.48	*0.03*	229	**2.8**	*0.27*	0.24	*0.02*
Spain, Albacete	61	**4.6**	*0.77*	0.39	*0.07*	36	**2.6**	*0.58*	0.20	*0.05*
Spain, Asturias	131	**3.4**	*0.43*	0.31	*0.03*	100	**2.5**	*0.43*	0.20	*0.03*
Spain, Basque Country	389	**5.3**	*0.35*	0.49	*0.03*	266	**3.5**	*0.31*	0.30	*0.02*
Spain, Canary Islands	133	**3.9**	*0.40*	0.37	*0.04*	98	**2.7**	*0.33*	0.24	*0.03*
Spain, Ciudad Real	46	**2.7**	*0.51*	0.23	*0.05*	36	**1.4**	*0.33*	0.14	*0.04*
Spain, Cuenca	46	**5.4**	*1.10*	0.54	*0.10*	34	**4.6**	*1.12*	0.43	*0.09*
Spain, Girona	135	**6.3**	*0.67*	0.60	*0.06*	81	**3.2**	*0.47*	0.30	*0.04*
*Spain, Granada	108	**3.6**	*0.42*	0.32	*0.04*	74	**2.4**	*0.35*	0.23	*0.03*
Spain, La Rioja	30	**3.1**	*0.71*	0.30	*0.06*	25	**2.2**	*0.65*	0.19	*0.05*
Spain, Mallorca	97	**3.9**	*0.45*	0.39	*0.05*	90	**3.3**	*0.46*	0.29	*0.04*
Spain, Murcia	264	**6.8**	*0.48*	0.62	*0.05*	190	**4.0**	*0.36*	0.36	*0.03*
Spain, Navarra	87	**4.1**	*0.55*	0.38	*0.05*	41	**2.1**	*0.47*	0.16	*0.03*
Spain, Tarragona	115	**4.7**	*0.53*	0.47	*0.05*	83	**3.0**	*0.45*	0.25	*0.04*
*Sweden	1990	**5.8**	*0.16*	0.56	*0.02*	1302	**3.6**	*0.13*	0.34	*0.01*
Switzerland, Basel	85	**4.9**	*0.63*	0.52	*0.07*	47	**1.9**	*0.39*	0.20	*0.04*
Switzerland, Geneva	89	**5.5**	*0.65*	0.61	*0.08*	63	**3.6**	*0.62*	0.29	*0.05*
Switzerland, Graubünden and Glarus	66	**8.1**	*1.13*	0.94	*0.14*	45	**3.8**	*0.70*	0.43	*0.09*
Switzerland, Neuchâtel	29	**4.6**	*1.03*	0.46	*0.11*	25	**3.0**	*0.86*	0.23	*0.07*
Switzerland, St Gall–Appenzell	103	**6.0**	*0.70*	0.54	*0.07*	74	**3.9**	*0.59*	0.37	*0.05*
Switzerland, Ticino	66	**6.0**	*0.89*	0.65	*0.09*	45	**3.8**	*0.86*	0.32	*0.06*
Switzerland, Valais	67	**7.1**	*1.07*	0.71	*0.10*	49	**4.5**	*0.86*	0.38	*0.07*
Switzerland, Vaud	82	**3.9**	*0.49*	0.33	*0.05*	59	**2.4**	*0.43*	0.19	*0.03*
Switzerland, Zurich	251	**5.6**	*0.42*	0.51	*0.04*	187	**3.2**	*0.32*	0.30	*0.03*
Ukraine	5847	**4.6**	*0.07*	0.46	*0.01*	4571	**2.7**	*0.05*	0.26	*0.00*
UK, England	9148	**5.1**	*0.06*	0.49	*0.01*	5961	**3.0**	*0.05*	0.26	*0.00*
UK, England, East of England Region	891	**4.3**	*0.17*	0.43	*0.02*	552	**2.6**	*0.15*	0.22	*0.01*
UK, England, North Western	1009	**4.3**	*0.16*	0.39	*0.02*	670	**2.7**	*0.14*	0.23	*0.01*
UK, England, Northern and Yorkshire	1530	**6.3**	*0.19*	0.62	*0.02*	1005	**3.5**	*0.15*	0.32	*0.01*
UK, England, Oxford Region	535	**6.0**	*0.29*	0.55	*0.03*	313	**3.2**	*0.23*	0.29	*0.02*
UK, England, South and Western Regions	1585	**5.6**	*0.18*	0.52	*0.02*	1083	**3.3**	*0.14*	0.28	*0.01*
UK, England, Thames	1766	**4.8**	*0.13*	0.45	*0.01*	1185	**2.9**	*0.11*	0.25	*0.01*
UK, England, Trent	564	**5.3**	*0.26*	0.49	*0.03*	307	**2.4**	*0.18*	0.23	*0.02*
UK, England, West Midlands	962	**5.3**	*0.20*	0.49	*0.02*	663	**3.2**	*0.16*	0.29	*0.01*
UK, Northern Ireland	212	**4.0**	*0.30*	0.36	*0.03*	154	**2.5**	*0.25*	0.19	*0.02*
UK, Scotland	1164	**6.5**	*0.22*	0.65	*0.02*	726	**3.4**	*0.17*	0.31	*0.01*
UK, Wales	686	**5.8**	*0.27*	0.55	*0.03*	454	**3.2**	*0.21*	0.27	*0.02*
Oceania										
Australian Capital Territory	76	**8.6**	*1.05*	1.02	*0.15*	38	**4.3**	*0.80*	0.31	*0.07*
Australia, New South Wales	1398	**6.3**	*0.19*	0.59	*0.02*	881	**3.7**	*0.15*	0.32	*0.01*
Australia, Northern Territory	23	**5.2**	*1.15*	0.36	*0.11*	16	**4.6**	*1.19*	0.66	*0.22*
Australia, Northern Territory: Indigenous	2	**2.3**	*1.83*	0.24	*0.22*	1	**0.5**	*0.53*	0.03	*0.03*
Australia, Northern Territory: Non–Indigenous	21	**6.0**	*1.43*	0.41	*0.13*	15	**6.1**	*1.65*	0.92	*0.31*
Australia, Queensland	886	**7.0**	*0.25*	0.70	*0.03*	539	**4.2**	*0.21*	0.42	*0.02*
South Australia	487	**8.2**	*0.42*	0.81	*0.05*	328	**5.4**	*0.38*	0.53	*0.04*
Australia, Tasmania	141	**8.5**	*0.79*	0.91	*0.09*	74	**3.6**	*0.52*	0.35	*0.06*
Australia, Victoria	908	**5.9**	*0.22*	0.53	*0.02*	566	**3.5**	*0.18*	0.29	*0.02*
Western Australia	434	**6.8**	*0.35*	0.67	*0.04*	256	**3.8**	*0.28*	0.35	*0.03*
New Zealand	1053	**7.8**	*0.26*	0.82	*0.03*	741	**5.1**	*0.22*	0.49	*0.02*
New Zealand: Maori	89	**8.6**	*0.96*	1.01	*0.14*	58	**4.6**	*0.62*	0.45	*0.08*
New Zealand: Pacific Islander	26	**5.0**	*1.03*	0.47	*0.12*	19	**3.7**	*0.88*	0.41	*0.12*
New Zealand: Other	938	**7.9**	*0.29*	0.82	*0.03*	664	**5.4**	*0.26*	0.50	*0.03*
USA, Hawaii	187	**4.6**	*0.37*	0.47	*0.04*	128	**3.0**	*0.33*	0.26	*0.03*
*USA, Hawaii: Chinese	12	**4.4**	*1.57*	0.30	*0.13*	8	**2.1**	*0.85*	0.26	*0.12*
*USA, Hawaii: Filipino	15	**3.0**	*0.86*	0.33	*0.11*	15	**2.2**	*0.65*	0.20	*0.07*
*USA, Hawaii: Hawaiian	29	**4.4**	*0.85*	0.49	*0.12*	26	**3.7**	*0.75*	0.37	*0.09*
*USA, Hawaii: Japanese	13	**1.5**	*0.63*	0.12	*0.05*	28	**3.0**	*0.90*	0.23	*0.06*
*USA, Hawaii: White	95	**7.9**	*0.96*	0.85	*0.11*	33	**2.4**	*0.52*	0.28	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloid leukaemia (C92-94)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	31	**1.1**	*0.20*	–	-	31	**1.0**	*0.19*	–	-
Egypt, Gharbiah	174	**1.9**	*0.15*	0.19	*0.02*	188	**2.2**	*0.17*	0.20	*0.02*
*Libya, Benghazi	43	**2.7**	*0.46*	0.30	*0.07*	48	**2.9**	*0.46*	0.31	*0.06*
*Malawi, Blantyre	6	**0.3**	*0.13*	0.02	*0.01*	1	**-**	-	–	-
*South Africa, PROMEC	0	**-**	-	–	-	2	**0.1**	*0.06*	0.01	*0.01*
*Tunisia, North	138	**1.9**	*0.17*	0.19	*0.02*	101	**1.4**	*0.14*	0.14	*0.02*
*Uganda, Kyadondo County	21	**0.6**	*0.20*	0.06	*0.03*	15	**0.3**	*0.08*	0.02	*0.01*
*Zimbabwe, Harare: African	24	**1.3**	*0.32*	0.14	*0.04*	22	**1.9**	*0.53*	0.28	*0.10*
America, Central and South										
Argentina, Bahía Blanca	31	**3.5**	*0.72*	0.42	*0.10*	37	**3.7**	*0.76*	0.35	*0.08*
Argentina, Córdoba	64	**2.4**	*0.31*	0.22	*0.03*	50	**1.5**	*0.23*	0.15	*0.02*
Argentina, Mendoza	147	**3.4**	*0.29*	0.36	*0.04*	132	**2.7**	*0.24*	0.24	*0.03*
*Argentina, Tierra del Fuego	4	**1.3**	*0.68*	0.08	*0.04*	3	**1.5**	*1.01*	0.04	*0.03*
Brazil, Aracaju	25	**3.8**	*0.80*	0.34	*0.09*	23	**2.3**	*0.49*	0.22	*0.06*
Brazil, Belo Horizonte	81	**3.0**	*0.34*	0.34	*0.05*	100	**2.6**	*0.27*	0.26	*0.03*
Brazil, Cuiabá	24	**1.9**	*0.43*	0.20	*0.06*	19	**1.6**	*0.41*	0.19	*0.06*
Brazil, Fortaleza	105	**2.9**	*0.30*	0.27	*0.04*	91	**2.0**	*0.22*	0.20	*0.03*
Brazil, Goiânia	106	**4.5**	*0.46*	0.46	*0.06*	110	**3.8**	*0.37*	0.40	*0.05*
*Brazil, São Paulo	711	**3.0**	*0.12*	0.29	*0.01*	690	**2.3**	*0.09*	0.21	*0.01*
Chile, Region of Antofagasta	29	**2.5**	*0.48*	0.21	*0.06*	25	**1.9**	*0.39*	0.20	*0.05*
Chile, Bío Bío Province	22	**2.4**	*0.52*	0.20	*0.05*	19	**1.9**	*0.45*	0.16	*0.05*
Chile, Valdivia	33	**3.4**	*0.62*	0.27	*0.06*	21	**2.0**	*0.45*	0.16	*0.04*
Colombia, Bucaramanga	61	**2.7**	*0.36*	0.27	*0.04*	37	**1.5**	*0.25*	0.15	*0.03*
Colombia, Cali	140	**3.1**	*0.27*	0.32	*0.04*	157	**2.8**	*0.23*	0.29	*0.03*
Colombia, Manizales	18	**1.9**	*0.47*	0.16	*0.04*	26	**2.4**	*0.50*	0.18	*0.04*
Colombia, Pasto	17	**2.1**	*0.53*	0.26	*0.07*	9	**0.9**	*0.30*	0.09	*0.04*
Costa Rica	212	**2.2**	*0.15*	0.21	*0.02*	155	**1.6**	*0.13*	0.16	*0.02*
Cuba, Villa Clara	48	**2.1**	*0.34*	0.21	*0.04*	30	**1.4**	*0.27*	0.13	*0.03*
Ecuador, Cuenca	19	**1.9**	*0.45*	0.15	*0.05*	26	**2.2**	*0.45*	0.22	*0.06*
Ecuador, Quito	86	**2.6**	*0.29*	0.22	*0.03*	99	**2.6**	*0.27*	0.25	*0.03*
*France, Martinique	47	**3.5**	*0.53*	0.38	*0.07*	24	**1.4**	*0.32*	0.14	*0.04*
*Jamaica, Kingston and St Andrew	29	**1.9**	*0.35*	0.16	*0.04*	19	**1.1**	*0.27*	0.14	*0.04*
USA, Puerto Rico	287	**2.4**	*0.15*	0.23	*0.02*	257	**1.8**	*0.13*	0.18	*0.01*
Uruguay	190	**3.2**	*0.24*	0.34	*0.03*	175	**2.5**	*0.20*	0.25	*0.02*
America, North										
Canada	4404	**3.8**	*0.06*	0.38	*0.01*	3614	**2.8**	*0.05*	0.28	*0.01*
Canada, Alberta	417	**3.8**	*0.20*	0.39	*0.03*	347	**3.1**	*0.19*	0.32	*0.02*
Canada, British Columbia	587	**3.7**	*0.17*	0.37	*0.02*	474	**2.6**	*0.14*	0.27	*0.02*
Canada, Manitoba	150	**3.5**	*0.31*	0.38	*0.04*	128	**2.7**	*0.28*	0.25	*0.03*
Canada, New Brunswick	94	**3.5**	*0.41*	0.38	*0.05*	92	**3.4**	*0.43*	0.35	*0.04*
Canada, Newfoundland and Labrador	49	**2.9**	*0.47*	0.32	*0.05*	40	**2.8**	*0.53*	0.24	*0.04*
*Canada, Northwest Territories	5	**4.0**	*1.85*	0.25	*0.13*	2	**2.5**	*1.91*	0.35	*0.30*
Canada, Nova Scotia	147	**4.1**	*0.38*	0.43	*0.05*	110	**2.3**	*0.28*	0.21	*0.03*
Canada, Ontario	1727	**3.8**	*0.10*	0.39	*0.01*	1417	**2.8**	*0.08*	0.29	*0.01*
Canada, Prince Edward Island	33	**6.1**	*1.21*	0.69	*0.15*	20	**3.9**	*1.17*	0.27	*0.09*
*Canada, Quebec	1048	**3.7**	*0.12*	0.36	*0.01*	851	**2.7**	*0.11*	0.28	*0.01*
Canada, Saskatchewan	143	**4.0**	*0.37*	0.39	*0.04*	131	**3.2**	*0.33*	0.34	*0.04*
*Canada, Yukon	4	**3.1**	*1.57*	0.31	*0.16*	2	**2.3**	*1.67*	0.25	*0.19*
USA, NPCR (42 states)	41064	**4.6**	*0.02*	0.48	*0.00*	33815	**3.3**	*0.02*	0.33	*0.00*
USA, NPCR (42 states): American Indian	185	**2.7**	*0.20*	0.29	*0.03*	162	**2.1**	*0.17*	0.22	*0.02*
USA, NPCR (42 states): Asian and Pacific Islander	937	**3.0**	*0.10*	0.28	*0.01*	766	**2.1**	*0.08*	0.20	*0.01*
USA, NPCR (42 states): Black	3227	**3.8**	*0.07*	0.40	*0.01*	3299	**3.0**	*0.05*	0.30	*0.01*
USA, NPCR (42 states): White	36082	**4.7**	*0.03*	0.48	*0.00*	29096	**3.3**	*0.02*	0.33	*0.00*
USA, SEER (9 registries)	4213	**4.5**	*0.07*	0.46	*0.01*	3479	**3.2**	*0.06*	0.32	*0.01*
*USA, SEER (9 registries): Black	337	**4.2**	*0.24*	0.42	*0.03*	329	**3.1**	*0.18*	0.32	*0.02*
*USA, SEER (9 registries): White	3516	**4.6**	*0.08*	0.47	*0.01*	2840	**3.3**	*0.07*	0.33	*0.01*
USA, SEER (18 registries)	12042	**4.5**	*0.04*	0.46	*0.01*	9900	**3.2**	*0.04*	0.32	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	784	**3.6**	*0.13*	0.35	*0.02*	660	**2.6**	*0.11*	0.26	*0.01*
*USA, SEER (18 registries): Black	962	**4.1**	*0.14*	0.44	*0.02*	962	**3.1**	*0.11*	0.31	*0.01*
*USA, SEER (18 registries): Hispanic White	1342	**3.9**	*0.11*	0.38	*0.02*	1067	**2.9**	*0.09*	0.29	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	8814	**4.7**	*0.05*	0.48	*0.01*	7069	**3.2**	*0.05*	0.33	*0.01*
*USA, SEER (18 registries): White	10156	**4.6**	*0.05*	0.47	*0.01*	8136	**3.2**	*0.04*	0.32	*0.00*
USA, Alabama	628	**4.1**	*0.17*	0.44	*0.02*	545	**3.1**	*0.15*	0.31	*0.02*
USA, Alabama: Black	92	**3.0**	*0.32*	0.28	*0.04*	122	**3.1**	*0.30*	0.29	*0.03*
USA, Alabama: White	529	**4.4**	*0.20*	0.47	*0.03*	415	**3.0**	*0.17*	0.31	*0.02*
USA, Alaska	74	**4.1**	*0.49*	0.37	*0.06*	63	**3.5**	*0.46*	0.40	*0.07*
*USA, Alaska: American Indian	13	**4.9**	*1.38*	0.47	*0.18*	9	**3.3**	*1.13*	0.38	*0.16*
USA, Arizona	743	**3.6**	*0.14*	0.39	*0.02*	614	**2.8**	*0.13*	0.26	*0.01*
USA, Arizona: American Indian	21	**2.8**	*0.62*	0.19	*0.05*	15	**1.9**	*0.49*	0.19	*0.06*
USA, Arizona: Asian and Pacific Islander	7	**2.0**	*0.78*	0.25	*0.11*	8	**1.6**	*0.58*	0.16	*0.07*
USA, Arizona: Black	19	**3.3**	*0.80*	0.43	*0.13*	11	**1.7**	*0.51*	0.10	*0.06*
USA, Arizona: White	691	**3.6**	*0.15*	0.39	*0.02*	574	**2.8**	*0.14*	0.27	*0.01*
USA, Arkansas	435	**4.4**	*0.23*	0.46	*0.03*	402	**3.5**	*0.20*	0.35	*0.02*
USA, Arkansas: Black	41	**3.7**	*0.59*	0.36	*0.08*	43	**3.2**	*0.51*	0.36	*0.07*
USA, Arkansas: White	388	**4.4**	*0.24*	0.46	*0.03*	352	**3.5**	*0.22*	0.35	*0.02*
USA, California	4871	**4.3**	*0.07*	0.44	*0.01*	3957	**3.1**	*0.05*	0.30	*0.01*
USA, California: American Indian	14	**1.3**	*0.38*	0.14	*0.05*	20	**1.5**	*0.35*	0.19	*0.06*
USA, California: Asian and Pacific Islander	470	**3.4**	*0.16*	0.32	*0.02*	387	**2.4**	*0.13*	0.24	*0.02*
USA, California: Black	252	**3.9**	*0.25*	0.42	*0.03*	239	**2.9**	*0.20*	0.29	*0.02*
USA, California: White	4041	**4.5**	*0.07*	0.46	*0.01*	3239	**3.1**	*0.06*	0.31	*0.01*
USA, California, Los Angeles County	1269	**4.4**	*0.13*	0.45	*0.02*	1008	**2.9**	*0.10*	0.29	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	157	**3.7**	*0.31*	0.35	*0.04*	139	**2.6**	*0.24*	0.24	*0.03*
*USA, California, Los Angeles County: Black	103	**3.8**	*0.38*	0.41	*0.05*	106	**2.8**	*0.30*	0.26	*0.03*
*USA, California, Los Angeles County: Chinese	48	**3.7**	*0.56*	0.35	*0.07*	36	**2.5**	*0.44*	0.24	*0.05*
*USA, California, Los Angeles County: Filipino	45	**4.9**	*0.77*	0.41	*0.09*	40	**3.1**	*0.51*	0.31	*0.06*
*USA, California, Los Angeles County: Hispanic White	374	**4.1**	*0.22*	0.39	*0.03*	275	**2.6**	*0.17*	0.26	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloid leukaemia (C92-94) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	15	**2.8**	*0.86*	0.32	*0.11*	14	**2.2**	*0.64*	0.21	*0.07*
*USA, California, Los Angeles County: Korean	16	**3.1**	*0.90*	0.22	*0.07*	17	**1.9**	*0.48*	0.19	*0.06*
*USA, California, Los Angeles County: Non−Hispanic White	628	**5.0**	*0.23*	0.53	*0.03*	478	**3.1**	*0.18*	0.32	*0.02*
*USA, California, Los Angeles County: White	1002	**4.7**	*0.16*	0.48	*0.02*	753	**3.0**	*0.12*	0.30	*0.01*
USA, California, San Francisco Bay Area	556	**3.8**	*0.17*	0.39	*0.02*	464	**2.8**	*0.15*	0.28	*0.02*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	94	**2.9**	*0.31*	0.30	*0.04*	83	**2.5**	*0.31*	0.23	*0.03*
*USA, California, San Francisco Bay Area: Black	40	**3.3**	*0.54*	0.31	*0.07*	48	**3.2**	*0.49*	0.35	*0.06*
*USA, California, San Francisco Bay Area: Hispanic White	48	**3.0**	*0.46*	0.34	*0.07*	48	**2.3**	*0.35*	0.20	*0.05*
*USA, California, San Francisco Bay Area: Non−Hispanic White	361	**4.2**	*0.26*	0.43	*0.03*	278	**2.9**	*0.22*	0.30	*0.03*
*USA, California, San Francisco Bay Area: White	409	**4.0**	*0.22*	0.42	*0.03*	326	**2.8**	*0.18*	0.28	*0.02*
USA, Colorado	600	**4.0**	*0.17*	0.39	*0.02*	506	**3.0**	*0.15*	0.31	*0.02*
USA, Colorado: Asian and Pacific Islander	7	**2.2**	*0.85*	0.13	*0.05*	5	**1.2**	*0.55*	0.13	*0.07*
USA, Colorado: Black	18	**3.9**	*0.98*	0.36	*0.11*	11	**2.2**	*0.67*	0.27	*0.10*
USA, Colorado: White	553	**4.0**	*0.18*	0.38	*0.02*	477	**3.0**	*0.15*	0.31	*0.02*
USA, Connecticut	527	**4.2**	*0.20*	0.42	*0.03*	426	**2.9**	*0.17*	0.28	*0.02*
*USA, Connecticut: Black	32	**3.7**	*0.67*	0.29	*0.07*	25	**2.1**	*0.44*	0.23	*0.06*
*USA, Connecticut: White	485	**4.3**	*0.22*	0.43	*0.03*	393	**3.0**	*0.19*	0.29	*0.02*
USA, Delaware	126	**4.3**	*0.42*	0.39	*0.05*	103	**3.2**	*0.36*	0.31	*0.04*
USA, Delaware: Black	20	**4.7**	*1.07*	0.44	*0.12*	19	**3.9**	*0.95*	0.32	*0.09*
USA, Delaware: White	105	**4.3**	*0.48*	0.38	*0.05*	83	**3.0**	*0.38*	0.30	*0.04*
USA, Florida	3239	**4.5**	*0.09*	0.47	*0.01*	2496	**3.1**	*0.07*	0.31	*0.01*
USA, Florida: Asian and Pacific Islander	20	**1.9**	*0.42*	0.19	*0.06*	18	**1.4**	*0.34*	0.17	*0.05*
USA, Florida: Black	258	**3.9**	*0.25*	0.43	*0.03*	258	**3.0**	*0.20*	0.31	*0.03*
USA, Florida: White	2910	**4.5**	*0.10*	0.48	*0.01*	2189	**3.1**	*0.08*	0.32	*0.01*
USA, Georgia	1186	**4.5**	*0.13*	0.48	*0.02*	977	**3.1**	*0.11*	0.32	*0.01*
USA, Georgia: Asian and Pacific Islander	15	**2.8**	*0.77*	0.33	*0.11*	16	**2.8**	*0.72*	0.30	*0.11*
USA, Georgia: Black	236	**4.1**	*0.27*	0.45	*0.04*	250	**3.1**	*0.20*	0.30	*0.03*
USA, Georgia: White	931	**4.7**	*0.16*	0.49	*0.02*	703	**3.1**	*0.13*	0.32	*0.02*
USA, Georgia, Atlanta	350	**4.2**	*0.23*	0.44	*0.03*	281	**2.8**	*0.18*	0.28	*0.02*
*USA, Georgia, Atlanta: Black	97	**4.0**	*0.43*	0.45	*0.07*	93	**2.8**	*0.30*	0.25	*0.04*
*USA, Georgia, Atlanta: White	240	**4.3**	*0.28*	0.44	*0.04*	175	**2.8**	*0.23*	0.29	*0.03*
USA, Idaho	231	**4.7**	*0.32*	0.46	*0.04*	193	**3.7**	*0.30*	0.35	*0.03*
USA, Illinois	2136	**5.0**	*0.11*	0.50	*0.02*	1754	**3.5**	*0.09*	0.35	*0.01*
USA, Illinois: Asian and Pacific Islander	18	**1.3**	*0.32*	0.12	*0.04*	33	**2.0**	*0.35*	0.17	*0.04*
USA, Illinois: Black	198	**4.1**	*0.30*	0.39	*0.04*	212	**3.2**	*0.24*	0.30	*0.03*
USA, Illinois: White	1885	**5.2**	*0.13*	0.53	*0.02*	1481	**3.5**	*0.10*	0.36	*0.01*
USA, Indiana	1033	**4.9**	*0.16*	0.52	*0.02*	831	**3.3**	*0.13*	0.34	*0.02*
USA, Indiana: Black	59	**4.3**	*0.57*	0.45	*0.08*	47	**2.6**	*0.40*	0.28	*0.05*
USA, Indiana: White	959	**4.9**	*0.17*	0.52	*0.02*	769	**3.4**	*0.14*	0.35	*0.02*
USA, Iowa	562	**4.8**	*0.22*	0.50	*0.03*	495	**3.6**	*0.19*	0.37	*0.02*
USA, Kentucky	629	**4.6**	*0.19*	0.48	*0.02*	566	**3.4**	*0.16*	0.34	*0.02*
USA, Louisiana	535	**4.7**	*0.21*	0.49	*0.03*	448	**3.3**	*0.17*	0.34	*0.02*
*USA, Louisiana: Black	120	**4.4**	*0.41*	0.48	*0.06*	120	**3.2**	*0.31*	0.34	*0.04*
*USA, Louisiana: White	413	**4.8**	*0.26*	0.50	*0.03*	324	**3.4**	*0.22*	0.34	*0.02*
*USA, Louisiana, New Orleans	93	**4.1**	*0.45*	0.43	*0.06*	92	**3.2**	*0.38*	0.34	*0.05*
*USA, Louisiana, New Orleans: Black	28	**4.0**	*0.77*	0.53	*0.12*	28	**2.9**	*0.57*	0.29	*0.07*
*USA, Louisiana, New Orleans: White	64	**4.3**	*0.65*	0.40	*0.07*	64	**3.5**	*0.53*	0.39	*0.06*
USA, Maine	295	**5.7**	*0.36*	0.59	*0.05*	194	**3.5**	*0.30*	0.35	*0.03*
USA, Massachusetts	1038	**4.5**	*0.15*	0.47	*0.02*	878	**3.3**	*0.13*	0.33	*0.01*
USA, Massachusetts: Asian and Pacific Islander	25	**3.6**	*0.75*	0.42	*0.11*	18	**2.4**	*0.60*	0.23	*0.06*
USA, Massachusetts: Black	39	**4.0**	*0.66*	0.43	*0.09*	42	**3.2**	*0.51*	0.33	*0.07*
USA, Massachusetts: White	959	**4.5**	*0.16*	0.47	*0.02*	809	**3.3**	*0.14*	0.33	*0.02*
USA, Michigan	1803	**5.2**	*0.13*	0.53	*0.02*	1447	**3.5**	*0.11*	0.36	*0.01*
USA, Michigan: Asian and Pacific Islander	13	**2.2**	*0.63*	0.14	*0.05*	17	**3.0**	*0.76*	0.40	*0.12*
USA, Michigan: Black	175	**4.8**	*0.37*	0.48	*0.05*	165	**3.4**	*0.28*	0.36	*0.04*
USA, Michigan: White	1590	**5.3**	*0.14*	0.53	*0.02*	1241	**3.5**	*0.12*	0.35	*0.01*
USA, Michigan, Detroit	732	**5.4**	*0.22*	0.56	*0.03*	641	**3.8**	*0.17*	0.39	*0.02*
*USA, Michigan, Detroit: Black	136	**5.2**	*0.46*	0.52	*0.06*	123	**3.2**	*0.31*	0.35	*0.04*
*USA, Michigan, Detroit: White	585	**5.6**	*0.25*	0.58	*0.03*	502	**4.0**	*0.21*	0.40	*0.02*
USA, Mississippi	394	**4.4**	*0.23*	0.48	*0.03*	360	**3.2**	*0.19*	0.32	*0.02*
USA, Missouri	983	**4.9**	*0.17*	0.49	*0.02*	795	**3.2**	*0.13*	0.32	*0.02*
USA, Missouri: Black	62	**3.9**	*0.51*	0.40	*0.07*	55	**2.5**	*0.35*	0.26	*0.05*
USA, Missouri: White	902	**4.9**	*0.18*	0.50	*0.02*	723	**3.3**	*0.15*	0.33	*0.02*
USA, Montana	188	**5.4**	*0.43*	0.51	*0.05*	144	**3.7**	*0.37*	0.37	*0.04*
USA, Montana: American Indian	4	**2.6**	*1.32*	0.16	*0.10*	9	**6.2**	*2.11*	0.84	*0.34*
USA, Nebraska	289	**4.7**	*0.30*	0.46	*0.04*	235	**3.3**	*0.25*	0.36	*0.03*
USA, Nebraska: Black	11	**5.6**	*1.75*	0.54	*0.23*	6	**3.1**	*1.30*	0.38	*0.18*
USA, Nebraska: White	274	**4.6**	*0.30*	0.45	*0.04*	224	**3.3**	*0.26*	0.35	*0.03*
USA, New Hampshire	202	**4.5**	*0.34*	0.49	*0.04*	160	**3.2**	*0.28*	0.31	*0.03*
USA, New Jersey	1503	**5.0**	*0.14*	0.50	*0.02*	1209	**3.4**	*0.11*	0.34	*0.01*
*USA, New Jersey: Black	129	**4.1**	*0.37*	0.43	*0.05*	131	**3.2**	*0.29*	0.31	*0.03*
*USA, New Jersey: White	1308	**5.2**	*0.16*	0.52	*0.02*	1011	**3.3**	*0.12*	0.34	*0.01*
USA, New Mexico	283	**4.4**	*0.27*	0.44	*0.03*	225	**3.3**	*0.24*	0.33	*0.03*
*USA, New Mexico: Hispanic White	92	**4.3**	*0.45*	0.43	*0.06*	60	**2.5**	*0.34*	0.26	*0.04*
*USA, New Mexico: Non−Hispanic White	179	**4.8**	*0.41*	0.48	*0.05*	143	**3.7**	*0.36*	0.39	*0.04*
*USA, New Mexico: White	271	**4.6**	*0.30*	0.47	*0.04*	203	**3.2**	*0.25*	0.34	*0.03*
USA, New York State	3235	**4.9**	*0.09*	0.51	*0.01*	2814	**3.5**	*0.08*	0.35	*0.01*
USA, New York State: Asian and Pacific Islander	111	**2.9**	*0.28*	0.27	*0.04*	69	**1.7**	*0.22*	0.15	*0.02*
USA, New York State: Black	312	**3.7**	*0.21*	0.43	*0.03*	332	**2.9**	*0.17*	0.30	*0.02*
USA, New York State: White	2749	**5.1**	*0.11*	0.53	*0.01*	2366	**3.6**	*0.09*	0.37	*0.01*
USA, North Carolina	1299	**4.6**	*0.13*	0.48	*0.02*	1097	**3.3**	*0.11*	0.34	*0.01*
USA, North Carolina: American Indian	13	**4.5**	*1.25*	0.47	*0.17*	7	**2.1**	*0.81*	0.24	*0.11*
USA, North Carolina: Asian and Pacific Islander	12	**3.1**	*0.95*	0.40	*0.15*	8	**1.6**	*0.60*	0.17	*0.09*
USA, North Carolina: Black	168	**3.6**	*0.29*	0.37	*0.04*	190	**3.1**	*0.24*	0.31	*0.03*
USA, North Carolina: White	1093	**4.7**	*0.15*	0.50	*0.02*	882	**3.4**	*0.13*	0.34	*0.01*
USA, North Dakota	116	**4.5**	*0.47*	0.41	*0.06*	84	**3.2**	*0.40*	0.36	*0.05*
USA, Ohio	1774	**4.5**	*0.11*	0.46	*0.01*	1558	**3.2**	*0.10*	0.33	*0.01*
USA, Ohio: Asian and Pacific Islander	12	**2.7**	*0.80*	0.24	*0.08*	9	**1.9**	*0.64*	0.24	*0.10*
USA, Ohio: Black	131	**3.6**	*0.33*	0.33	*0.04*	165	**3.8**	*0.31*	0.43	*0.04*
USA, Ohio: White	1611	**4.5**	*0.12*	0.47	*0.02*	1364	**3.2**	*0.10*	0.32	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloid leukaemia (C92-94) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	646	**5.2**	*0.22*	0.53	*0.03*	493	**3.5**	*0.18*	0.34	*0.02*
USA, Oklahoma: American Indian	42	**5.4**	*0.85*	0.58	*0.12*	39	**4.1**	*0.69*	0.38	*0.07*
USA, Oklahoma: Black	34	**5.2**	*0.91*	0.52	*0.12*	23	**2.9**	*0.62*	0.30	*0.07*
USA, Oklahoma: White	556	**5.1**	*0.23*	0.52	*0.03*	426	**3.4**	*0.19*	0.34	*0.02*
USA, Oregon	541	**4.3**	*0.20*	0.44	*0.02*	441	**3.0**	*0.16*	0.30	*0.02*
USA, Oregon: Asian and Pacific Islander	13	**3.8**	*1.06*	0.44	*0.16*	7	**1.4**	*0.53*	0.06	*0.03*
USA, Oregon: Black	7	**4.1**	*1.63*	0.41	*0.22*	8	**4.9**	*1.78*	0.60	*0.24*
USA, Oregon: White	509	**4.2**	*0.20*	0.43	*0.02*	416	**3.0**	*0.17*	0.30	*0.02*
USA, Pennsylvania	2333	**5.0**	*0.11*	0.54	*0.01*	1955	**3.5**	*0.10*	0.36	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	16	**2.3**	*0.58*	0.27	*0.08*	12	**1.7**	*0.51*	0.21	*0.08*
USA, Pennsylvania: Black	138	**4.1**	*0.36*	0.44	*0.05*	138	**3.2**	*0.29*	0.31	*0.03*
USA, Pennsylvania: White	2136	**5.0**	*0.12*	0.54	*0.02*	1776	**3.5**	*0.10*	0.37	*0.01*
USA, Rhode Island	220	**5.7**	*0.41*	0.59	*0.05*	197	**4.3**	*0.36*	0.46	*0.04*
USA, Rhode Island: Black	9	**6.0**	*2.12*	0.57	*0.25*	9	**5.3**	*1.82*	0.71	*0.29*
USA, Rhode Island: White	209	**5.7**	*0.43*	0.60	*0.06*	185	**4.4**	*0.39*	0.46	*0.05*
USA, South Carolina	701	**4.9**	*0.19*	0.48	*0.02*	539	**3.2**	*0.15*	0.34	*0.02*
USA, South Carolina: Black	127	**4.0**	*0.36*	0.40	*0.05*	111	**2.5**	*0.25*	0.26	*0.03*
USA, South Carolina: White	565	**5.1**	*0.23*	0.51	*0.03*	418	**3.5**	*0.20*	0.36	*0.02*
USA, South Dakota	136	**4.7**	*0.44*	0.46	*0.05*	84	**2.5**	*0.32*	0.24	*0.04*
USA, Tennessee	872	**4.3**	*0.15*	0.46	*0.02*	740	**3.3**	*0.13*	0.34	*0.02*
USA, Tennessee: Black	82	**3.5**	*0.40*	0.41	*0.06*	85	**2.8**	*0.32*	0.31	*0.04*
USA, Tennessee: White	776	**4.4**	*0.17*	0.46	*0.02*	647	**3.4**	*0.15*	0.34	*0.02*
USA, Texas	3067	**4.5**	*0.08*	0.47	*0.01*	2630	**3.4**	*0.07*	0.34	*0.01*
USA, Texas: Asian and Pacific Islander	28	**1.6**	*0.32*	0.16	*0.04*	39	**1.8**	*0.29*	0.16	*0.03*
USA, Texas: Black	233	**3.7**	*0.25*	0.38	*0.03*	244	**3.0**	*0.20*	0.27	*0.02*
USA, Texas: White	2737	**4.6**	*0.09*	0.47	*0.01*	2288	**3.4**	*0.08*	0.35	*0.01*
USA, Utah	318	**4.6**	*0.27*	0.48	*0.04*	226	**3.0**	*0.21*	0.30	*0.03*
USA, Vermont	110	**5.2**	*0.56*	0.59	*0.07*	81	**3.0**	*0.37*	0.29	*0.04*
USA, Virginia	936	**3.9**	*0.13*	0.42	*0.02*	797	**2.8**	*0.11*	0.27	*0.01*
USA, Virginia: Asian and Pacific Islander	28	**3.1**	*0.61*	0.32	*0.08*	18	**1.9**	*0.46*	0.18	*0.05*
USA, Virginia: Black	140	**3.7**	*0.32*	0.39	*0.04*	121	**2.4**	*0.24*	0.23	*0.03*
USA, Virginia: White	737	**3.8**	*0.15*	0.41	*0.02*	629	**2.7**	*0.12*	0.27	*0.01*
USA, Washington State	966	**4.5**	*0.15*	0.45	*0.02*	800	**3.2**	*0.13*	0.33	*0.02*
USA, Washington, Seattle	688	**4.7**	*0.19*	0.45	*0.02*	560	**3.3**	*0.15*	0.34	*0.02*
USA, West Virginia	352	**5.2**	*0.30*	0.52	*0.03*	289	**3.6**	*0.25*	0.36	*0.03*
USA, Wisconsin	1148	**5.9**	*0.19*	0.64	*0.02*	906	**4.2**	*0.16*	0.42	*0.02*
USA, Wisconsin: Black	35	**5.2**	*0.91*	0.46	*0.11*	35	**3.9**	*0.67*	0.29	*0.06*
USA, Wisconsin: White	1065	**5.7**	*0.19*	0.62	*0.03*	831	**4.1**	*0.17*	0.42	*0.02*
USA, Wyoming	66	**3.7**	*0.48*	0.35	*0.06*	40	**2.0**	*0.35*	0.25	*0.05*
Asia										
Bahrain: Bahraini	20	**2.4**	*0.57*	0.26	*0.08*	16	**2.0**	*0.53*	0.28	*0.08*
China, Beijing City	724	**3.1**	*0.15*	0.29	*0.01*	580	**2.5**	*0.13*	0.23	*0.01*
*China, Cixian County	28	**1.9**	*0.39*	0.14	*0.03*	23	**1.4**	*0.31*	0.11	*0.03*
China, Haining County	18	**1.2**	*0.33*	0.09	*0.02*	14	**0.7**	*0.23*	0.08	*0.02*
*China, Harbin City, Nangang District	5	**0.1**	*0.07*	0.01	*0.00*	4	**0.1**	*0.07*	0.01	*0.01*
China, Hong Kong	795	**3.7**	*0.15*	0.36	*0.02*	612	**2.7**	*0.13*	0.25	*0.01*
China, Jiashan County	36	**2.8**	*0.51*	0.29	*0.05*	20	**1.5**	*0.35*	0.16	*0.04*
China, Jiaxing City	25	**2.9**	*0.71*	0.28	*0.06*	29	**2.7**	*0.52*	0.25	*0.06*
China, Macao	27	**2.8**	*0.66*	0.23	*0.06*	27	**1.4**	*0.30*	0.11	*0.04*
China, Qidong County	81	**2.6**	*0.34*	0.26	*0.03*	64	**1.9**	*0.27*	0.17	*0.02*
*China, Shanghai City	585	**2.5**	*0.13*	0.23	*0.01*	456	**1.9**	*0.12*	0.19	*0.01*
*China, Wuhan City	290	**2.2**	*0.15*	0.21	*0.01*	273	**2.3**	*0.17*	0.22	*0.02*
*China, Yangcheng County	17	**1.6**	*0.41*	0.12	*0.03*	15	**1.4**	*0.38*	0.14	*0.04*
*China, Yanting County	3	**0.3**	*0.16*	0.02	*0.01*	2	**0.1**	*0.09*	0.01	*0.01*
*China, Zhongshan City	105	**3.8**	*0.38*	0.35	*0.04*	76	**2.5**	*0.30*	0.25	*0.03*
*India, Bangalore	201	**2.1**	*0.16*	0.20	*0.02*	177	**2.2**	*0.17*	0.24	*0.02*
*India; Barshi, Paranda, and Bhum	21	**1.8**	*0.41*	0.17	*0.04*	13	**1.2**	*0.34*	0.12	*0.03*
*India, Bhopal	65	**2.3**	*0.30*	0.21	*0.03*	42	**1.7**	*0.27*	0.21	*0.04*
*India, Chennai	225	**2.0**	*0.14*	0.19	*0.02*	196	**1.8**	*0.13*	0.17	*0.01*
*India, Dindigul, Ambilikkai	41	**0.8**	*0.13*	0.07	*0.01*	42	**0.8**	*0.13*	0.07	*0.01*
*India, Karunagappally	27	**2.5**	*0.49*	0.24	*0.05*	17	**1.5**	*0.39*	0.13	*0.03*
*India, Mizoram	52	**2.4**	*0.35*	0.24	*0.04*	33	**1.6**	*0.28*	0.14	*0.03*
*India, Mumbai	597	**1.9**	*0.08*	0.19	*0.01*	422	**1.6**	*0.08*	0.15	*0.01*
*India, New Delhi	910	**2.6**	*0.10*	0.26	*0.01*	582	**2.0**	*0.09*	0.20	*0.01*
*India, Poona	114	**1.3**	*0.13*	0.13	*0.02*	96	**1.1**	*0.12*	0.10	*0.01*
*India, Sikkim State	17	**1.2**	*0.31*	0.10	*0.03*	18	**1.6**	*0.41*	0.16	*0.05*
*India, Trivandrum	46	**2.6**	*0.39*	0.25	*0.04*	44	**2.3**	*0.36*	0.26	*0.05*
*Iran (Islamic Republic of), Golestan Province	45	**2.3**	*0.37*	0.24	*0.05*	50	**2.8**	*0.41*	0.30	*0.06*
Israel	723	**4.0**	*0.15*	0.42	*0.02*	683	**3.1**	*0.13*	0.31	*0.02*
*Israel: Jews	608	**3.8**	*0.16*	0.40	*0.02*	607	**3.0**	*0.14*	0.31	*0.02*
*Israel: Non–Jews	115	**5.3**	*0.53*	0.60	*0.08*	76	**3.2**	*0.39*	0.35	*0.05*
Japan, Aichi Prefecture	163	**3.0**	*0.27*	0.29	*0.03*	113	**2.2**	*0.26*	0.19	*0.02*
Japan, Fukui Prefecture	116	**3.3**	*0.38*	0.30	*0.04*	83	**2.0**	*0.31*	0.19	*0.03*
Japan, Hiroshima	202	**4.5**	*0.36*	0.46	*0.04*	121	**2.1**	*0.25*	0.23	*0.03*
Japan, Miyagi Prefecture	363	**3.7**	*0.23*	0.39	*0.02*	230	**2.3**	*0.19*	0.22	*0.02*
Japan, Nagasaki Prefecture	291	**4.5**	*0.33*	0.46	*0.03*	185	**2.2**	*0.21*	0.23	*0.02*
Japan, Niigata Prefecture	423	**3.9**	*0.25*	0.37	*0.02*	270	**2.3**	*0.22*	0.21	*0.02*
*Japan, Osaka Prefecture	1162	**3.2**	*0.11*	0.33	*0.01*	740	**2.1**	*0.10*	0.18	*0.01*
Japan, Saga Prefecture	148	**3.8**	*0.37*	0.41	*0.04*	106	**2.3**	*0.29*	0.23	*0.03*
Republic of Korea	4111	**3.2**	*0.05*	0.31	*0.01*	3275	**2.3**	*0.04*	0.22	*0.00*
Republic of Korea, Busan	289	**2.9**	*0.19*	0.28	*0.02*	202	**2.0**	*0.15*	0.18	*0.01*
Republic of Korea, Daegu	174	**2.7**	*0.22*	0.25	*0.02*	159	**2.2**	*0.19*	0.21	*0.02*
Republic of Korea, Daejeon	97	**2.8**	*0.30*	0.27	*0.03*	105	**2.6**	*0.26*	0.27	*0.03*
Republic of Korea, Gwangju	121	**3.5**	*0.33*	0.32	*0.04*	98	**2.7**	*0.29*	0.23	*0.03*
Republic of Korea, Incheon	205	**3.2**	*0.24*	0.33	*0.03*	139	**2.0**	*0.18*	0.18	*0.02*
Republic of Korea, Jejudo	36	**2.8**	*0.48*	0.32	*0.06*	35	**3.1**	*0.58*	0.26	*0.05*
Republic of Korea, Seoul	849	**3.3**	*0.12*	0.32	*0.01*	673	**2.3**	*0.09*	0.22	*0.01*
Republic of Korea, Ulsan	78	**2.9**	*0.38*	0.23	*0.04*	71	**2.5**	*0.32*	0.25	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloid leukaemia (C92-94) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	199	**3.3**	*0.33*	0.35	*0.05*	104	**2.6**	*0.31*	0.27	*0.04*
*Kuwait: Kuwaitis	70	**4.4**	*0.58*	0.45	*0.08*	53	**2.7**	*0.40*	0.28	*0.05*
*Kuwait: Non−Kuwaitis	129	**3.0**	*0.49*	0.35	*0.08*	51	**3.0**	*0.61*	0.29	*0.08*
*Malaysia, Penang	63	**2.4**	*0.32*	0.28	*0.05*	80	**2.9**	*0.33*	0.27	*0.04*
*Malaysia, Penang: Chinese	31	**2.3**	*0.43*	0.26	*0.05*	44	**3.1**	*0.47*	0.29	*0.05*
*Malaysia, Penang: Indian	6	**1.9**	*0.77*	0.17	*0.07*	10	**3.2**	*1.04*	0.29	*0.10*
*Malaysia, Penang: Malay	26	**2.7**	*0.59*	0.32	*0.10*	26	**2.4**	*0.48*	0.21	*0.05*
*Philippines, Manila	384	**3.5**	*0.21*	0.31	*0.03*	376	**3.2**	*0.17*	0.32	*0.02*
*Philippines, Rizal	347	**3.0**	*0.19*	0.30	*0.02*	382	**3.0**	*0.17*	0.30	*0.02*
Qatar: Qatari	13	**3.3**	*0.99*	0.29	*0.13*	9	**2.4**	*0.87*	0.27	*0.12*
*Saudi Arabia, Riyadh: Saudi	167	**2.5**	*0.22*	0.28	*0.03*	157	**2.5**	*0.22*	0.28	*0.03*
Singapore	303	**3.2**	*0.19*	0.30	*0.02*	264	**2.6**	*0.17*	0.27	*0.02*
Singapore: Chinese	240	**3.2**	*0.22*	0.31	*0.03*	210	**2.7**	*0.20*	0.27	*0.02*
Singapore: Indian	18	**2.4**	*0.60*	0.17	*0.05*	12	**1.8**	*0.56*	0.17	*0.07*
Singapore: Malay	38	**3.3**	*0.57*	0.25	*0.06*	38	**3.0**	*0.51*	0.30	*0.06*
Thailand, Bangkok	217	**1.5**	*0.11*	0.14	*0.01*	207	**1.2**	*0.09*	0.11	*0.01*
Thailand, Chiang Mai	110	**2.7**	*0.28*	0.24	*0.03*	116	**2.8**	*0.29*	0.27	*0.03*
Thailand, Chonburi	79	**2.8**	*0.33*	0.30	*0.05*	65	**2.2**	*0.29*	0.19	*0.03*
*Thailand, Khon Kaen	98	**2.3**	*0.24*	0.25	*0.03*	90	**1.9**	*0.20*	0.18	*0.02*
Thailand, Lampang	48	**2.1**	*0.31*	0.21	*0.04*	59	**2.5**	*0.36*	0.26	*0.04*
*Thailand, Songkhla	88	**3.5**	*0.38*	0.30	*0.04*	75	**2.6**	*0.31*	0.27	*0.04*
*Turkey, Antalya	159	**4.1**	*0.34*	0.46	*0.04*	97	**2.5**	*0.26*	0.22	*0.03*
*Turkey, Edirne	26	**2.9**	*0.61*	0.24	*0.06*	30	**3.3**	*0.66*	0.31	*0.06*
*Turkey, Izmir	318	**3.4**	*0.20*	0.37	*0.02*	264	**2.6**	*0.17*	0.28	*0.02*
*Turkey, Trabzon	44	**3.8**	*0.58*	0.40	*0.07*	29	**2.2**	*0.43*	0.19	*0.04*
Europe										
Austria	1277	**4.1**	*0.12*	0.45	*0.02*	1193	**3.1**	*0.11*	0.32	*0.01*
Austria, Tyrol	118	**4.7**	*0.46*	0.51	*0.06*	92	**3.1**	*0.36*	0.33	*0.04*
Austria, Vorarlberg	50	**4.2**	*0.62*	0.46	*0.08*	36	**2.9**	*0.56*	0.27	*0.05*
*Belarus	945	**3.4**	*0.12*	0.36	*0.01*	997	**2.6**	*0.09*	0.27	*0.01*
*Belgium	1279	**3.9**	*0.12*	0.42	*0.01*	1104	**3.1**	*0.11*	0.31	*0.01*
Bulgaria	687	**2.5**	*0.11*	0.26	*0.01*	592	**1.8**	*0.09*	0.20	*0.01*
Croatia	520	**3.2**	*0.15*	0.34	*0.02*	455	**2.2**	*0.13*	0.22	*0.01*
Cyprus	81	**3.5**	*0.42*	0.35	*0.05*	61	**2.5**	*0.35*	0.26	*0.04*
Czech Republic	976	**2.7**	*0.09*	0.28	*0.01*	949	**2.1**	*0.08*	0.22	*0.01*
Denmark	806	**3.9**	*0.15*	0.39	*0.02*	628	**2.9**	*0.14*	0.29	*0.01*
*Estonia	178	**3.8**	*0.30*	0.41	*0.04*	204	**3.0**	*0.26*	0.29	*0.03*
Finland	562	**2.7**	*0.13*	0.26	*0.01*	534	**2.2**	*0.12*	0.21	*0.01*
*France, Bas−Rhin	185	**5.0**	*0.40*	0.47	*0.04*	131	**2.6**	*0.26*	0.26	*0.03*
*France, Calvados	102	**3.9**	*0.43*	0.43	*0.05*	82	**2.5**	*0.36*	0.23	*0.04*
*France, Doubs	88	**4.4**	*0.52*	0.45	*0.06*	81	**3.4**	*0.45*	0.29	*0.05*
*France, Haut−Rhin	125	**4.9**	*0.47*	0.53	*0.06*	92	**2.9**	*0.36*	0.30	*0.04*
*France, Hérault	198	**4.6**	*0.38*	0.47	*0.04*	154	**3.1**	*0.31*	0.31	*0.03*
*France, Isère	208	**4.6**	*0.35*	0.44	*0.04*	118	**2.6**	*0.28*	0.26	*0.03*
*France, Loire−Atlantique	223	**4.7**	*0.34*	0.45	*0.04*	154	**2.6**	*0.26*	0.27	*0.03*
*France, Manche	75	**3.4**	*0.46*	0.37	*0.05*	53	**1.6**	*0.28*	0.16	*0.03*
*France, Somme	96	**5.0**	*0.55*	0.55	*0.07*	70	**3.2**	*0.44*	0.34	*0.05*
*France, Tarn	82	**4.1**	*0.53*	0.41	*0.06*	58	**2.8**	*0.51*	0.29	*0.05*
*France, Vendée	81	**3.4**	*0.44*	0.36	*0.05*	62	**2.4**	*0.37*	0.23	*0.04*
Germany, Brandenburg	381	**3.7**	*0.23*	0.38	*0.02*	374	**3.0**	*0.21*	0.30	*0.02*
Germany, Bremen	100	**3.3**	*0.41*	0.32	*0.04*	109	**2.4**	*0.27*	0.26	*0.04*
Germany, Free State of Saxony	688	**3.6**	*0.17*	0.37	*0.02*	720	**2.8**	*0.15*	0.28	*0.01*
Germany, Hamburg	306	**4.1**	*0.26*	0.44	*0.03*	286	**3.4**	*0.25*	0.36	*0.03*
Germany, Mecklenburg−Western Pomerania	268	**3.7**	*0.25*	0.39	*0.03*	255	**2.9**	*0.24*	0.30	*0.02*
Germany, Munich	593	**3.7**	*0.17*	0.37	*0.02*	526	**2.7**	*0.15*	0.27	*0.02*
Germany, North Rhine−Westphalia	399	**4.1**	*0.23*	0.42	*0.02*	359	**3.0**	*0.19*	0.32	*0.02*
Germany, Saarland	195	**4.1**	*0.34*	0.42	*0.04*	202	**3.4**	*0.30*	0.36	*0.03*
Germany, Schleswig−Holstein	494	**4.1**	*0.21*	0.42	*0.02*	441	**3.1**	*0.19*	0.31	*0.02*
Iceland	38	**3.2**	*0.55*	0.32	*0.07*	25	**2.4**	*0.53*	0.24	*0.06*
Ireland	492	**3.7**	*0.18*	0.40	*0.02*	354	**2.5**	*0.15*	0.25	*0.02*
Italy, Biella	31	**4.2**	*0.94*	0.41	*0.09*	36	**2.6**	*0.51*	0.32	*0.07*
Italy, Brescia	143	**3.9**	*0.35*	0.41	*0.04*	117	**2.7**	*0.30*	0.30	*0.03*
Italy, Catania and Messina	170	**4.0**	*0.34*	0.44	*0.04*	121	**2.7**	*0.29*	0.27	*0.03*
Italy, Catanzaro	49	**5.9**	*1.03*	0.51	*0.09*	34	**2.8**	*0.59*	0.27	*0.06*
Italy, Como	108	**4.8**	*0.53*	0.54	*0.06*	74	**2.8**	*0.47*	0.23	*0.04*
Italy, Ferrara	58	**3.6**	*0.60*	0.37	*0.06*	62	**3.3**	*0.71*	0.30	*0.05*
Italy, Florence and Prato	104	**3.5**	*0.45*	0.31	*0.04*	91	**2.6**	*0.38*	0.25	*0.03*
Italy, Friuli−Venezia Giulia	247	**4.1**	*0.30*	0.46	*0.04*	221	**2.9**	*0.26*	0.29	*0.03*
Italy, Genoa	170	**4.9**	*0.51*	0.46	*0.05*	145	**2.7**	*0.29*	0.32	*0.04*
Italy, Latina	90	**4.6**	*0.55*	0.49	*0.06*	88	**3.9**	*0.49*	0.44	*0.05*
Italy, Lecco	44	**3.0**	*0.50*	0.33	*0.06*	24	**1.5**	*0.39*	0.18	*0.04*
Italy, Lombardy, South	81	**4.5**	*0.64*	0.42	*0.06*	76	**3.1**	*0.48*	0.31	*0.05*
Italy, Mantua	44	**4.9**	*0.90*	0.50	*0.09*	44	**3.4**	*0.72*	0.31	*0.07*
Italy, Milan	214	**4.7**	*0.40*	0.49	*0.04*	180	**2.8**	*0.30*	0.28	*0.03*
Italy, Modena	99	**3.3**	*0.41*	0.33	*0.04*	123	**3.7**	*0.41*	0.40	*0.04*
Italy, Naples	75	**4.4**	*0.53*	0.48	*0.07*	63	**3.3**	*0.45*	0.32	*0.05*
Italy, Nuoro	42	**3.3**	*0.57*	0.35	*0.08*	26	**1.4**	*0.35*	0.14	*0.05*
Italy, Palermo	112	**3.0**	*0.31*	0.31	*0.04*	123	**3.1**	*0.33*	0.31	*0.03*
Italy, Parma	109	**5.8**	*0.75*	0.57	*0.07*	95	**2.9**	*0.37*	0.33	*0.05*
Italy, Ragusa	47	**3.7**	*0.61*	0.41	*0.07*	48	**4.1**	*0.73*	0.37	*0.06*
Italy, Reggio Emilia	95	**4.1**	*0.50*	0.37	*0.05*	62	**2.0**	*0.36*	0.22	*0.04*
Italy, Romagna	245	**4.1**	*0.32*	0.42	*0.04*	227	**2.9**	*0.26*	0.32	*0.03*
Italy, Salerno	176	**4.0**	*0.35*	0.37	*0.04*	158	**3.2**	*0.30*	0.32	*0.03*
Italy, Sassari	90	**4.5**	*0.58*	0.48	*0.07*	75	**3.5**	*0.51*	0.36	*0.05*
Italy, Sondrio	37	**4.4**	*0.75*	0.52	*0.11*	35	**4.4**	*1.05*	0.37	*0.08*
Italy, South Tyrol	53	**3.3**	*0.49*	0.41	*0.07*	57	**2.7**	*0.45*	0.26	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloid leukaemia (C92-94) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	60	**3.6**	*0.52*	0.33	*0.06*	34	**2.2**	*0.44*	0.24	*0.05*
Italy, Trapani	69	**4.5**	*0.62*	0.46	*0.07*	40	**2.1**	*0.40*	0.19	*0.04*
Italy, Trento	70	**4.0**	*0.57*	0.39	*0.06*	72	**3.4**	*0.52*	0.34	*0.05*
Italy, Turin	209	**4.6**	*0.41*	0.46	*0.04*	150	**2.6**	*0.31*	0.26	*0.03*
Italy, Umbria	223	**5.0**	*0.41*	0.56	*0.05*	158	**3.0**	*0.32*	0.32	*0.03*
Italy, Varese	188	**5.2**	*0.43*	0.54	*0.05*	155	**3.5**	*0.34*	0.36	*0.04*
Italy, Veneto	277	**3.6**	*0.26*	0.36	*0.03*	297	**3.1**	*0.24*	0.31	*0.02*
Latvia	145	**2.7**	*0.25*	0.26	*0.02*	139	**1.5**	*0.16*	0.16	*0.02*
Lithuania	380	**3.6**	*0.20*	0.40	*0.02*	411	**2.8**	*0.17*	0.28	*0.02*
Malta	58	**4.7**	*0.68*	0.44	*0.07*	34	**2.2**	*0.42*	0.23	*0.05*
*The Netherlands	2111	**3.6**	*0.09*	0.37	*0.01*	1847	**2.8**	*0.07*	0.28	*0.01*
*The Netherlands, Eindhoven	121	**3.2**	*0.33*	0.35	*0.04*	101	**2.6**	*0.29*	0.28	*0.03*
Norway	638	**3.5**	*0.15*	0.36	*0.02*	517	**2.7**	*0.14*	0.28	*0.02*
Poland, Cracow	53	**3.5**	*0.58*	0.26	*0.04*	43	**2.4**	*0.47*	0.21	*0.04*
Poland, Kielce	161	**3.8**	*0.33*	0.37	*0.04*	137	**2.4**	*0.25*	0.26	*0.03*
Poland, Lower Silesia	244	**2.5**	*0.17*	0.29	*0.02*	231	**1.9**	*0.15*	0.20	*0.02*
Poland, Podkarpackie	157	**2.6**	*0.22*	0.28	*0.03*	148	**1.8**	*0.17*	0.19	*0.02*
Portugal, Azores	19	**2.6**	*0.62*	0.26	*0.07*	26	**3.4**	*0.76*	0.28	*0.07*
Russian Federation, Saint Petersburg	481	**3.4**	*0.17*	0.40	*0.02*	661	**3.0**	*0.15*	0.32	*0.01*
*Serbia, Central	452	**2.3**	*0.12*	0.24	*0.01*	320	**1.5**	*0.10*	0.15	*0.01*
Slovakia	526	**3.4**	*0.16*	0.34	*0.02*	486	**2.4**	*0.12*	0.25	*0.01*
Slovenia	239	**3.5**	*0.24*	0.35	*0.03*	196	**2.4**	*0.23*	0.21	*0.02*
Spain, Albacete	61	**4.3**	*0.65*	0.40	*0.07*	55	**2.9**	*0.46*	0.33	*0.06*
Spain, Asturias	135	**3.3**	*0.40*	0.27	*0.03*	126	**2.0**	*0.21*	0.20	*0.02*
Spain, Basque Country	295	**3.1**	*0.21*	0.34	*0.02*	212	**1.9**	*0.15*	0.21	*0.02*
Spain, Canary Islands	155	**4.0**	*0.35*	0.38	*0.04*	113	**2.5**	*0.27*	0.25	*0.03*
Spain, Ciudad Real	44	**2.6**	*0.49*	0.26	*0.05*	43	**2.5**	*0.49*	0.24	*0.05*
Spain, Cuenca	40	**3.5**	*0.66*	0.43	*0.09*	24	**3.7**	*1.07*	0.30	*0.07*
Spain, Girona	105	**4.2**	*0.48*	0.41	*0.05*	86	**3.2**	*0.41*	0.31	*0.04*
*Spain, Granada	124	**3.8**	*0.38*	0.40	*0.04*	93	**2.7**	*0.33*	0.24	*0.03*
Spain, La Rioja	33	**2.8**	*0.58*	0.27	*0.06*	24	**2.1**	*0.59*	0.21	*0.05*
Spain, Mallorca	110	**4.0**	*0.42*	0.41	*0.05*	65	**1.8**	*0.27*	0.16	*0.03*
Spain, Murcia	205	**4.4**	*0.34*	0.44	*0.04*	135	**2.7**	*0.27*	0.26	*0.03*
Spain, Navarra	68	**2.4**	*0.33*	0.25	*0.04*	57	**2.6**	*0.45*	0.22	*0.04*
Spain, Tarragona	102	**3.7**	*0.43*	0.33	*0.04*	84	**3.0**	*0.40*	0.31	*0.04*
*Sweden	998	**2.7**	*0.10*	0.28	*0.01*	955	**2.3**	*0.09*	0.23	*0.01*
Switzerland, Basel	92	**5.2**	*0.64*	0.51	*0.07*	65	**2.8**	*0.40*	0.32	*0.05*
Switzerland, Geneva	56	**3.6**	*0.56*	0.31	*0.06*	67	**3.6**	*0.52*	0.36	*0.06*
Switzerland, Graubünden and Glarus	26	**3.5**	*0.79*	0.34	*0.08*	37	**3.0**	*0.56*	0.33	*0.07*
Switzerland, Neuchâtel	25	**4.1**	*0.95*	0.43	*0.10*	14	**2.2**	*0.79*	0.22	*0.07*
Switzerland, St Gall–Appenzell	75	**3.7**	*0.48*	0.37	*0.06*	45	**1.8**	*0.30*	0.16	*0.03*
Switzerland, Ticino	55	**3.9**	*0.58*	0.46	*0.08*	44	**2.5**	*0.44*	0.27	*0.05*
Switzerland, Valais	33	**3.2**	*0.59*	0.27	*0.06*	27	**1.9**	*0.42*	0.18	*0.05*
Switzerland, Vaud	106	**4.5**	*0.49*	0.47	*0.06*	70	**2.5**	*0.35*	0.25	*0.04*
Switzerland, Zurich	196	**4.0**	*0.32*	0.42	*0.04*	161	**2.7**	*0.25*	0.28	*0.03*
Ukraine	3231	**2.4**	*0.04*	0.25	*0.00*	3234	**1.8**	*0.04*	0.18	*0.00*
UK, England	8155	**4.0**	*0.05*	0.41	*0.01*	6643	**2.8**	*0.04*	0.28	*0.00*
UK, England, East of England Region	885	**3.8**	*0.14*	0.39	*0.02*	719	**2.7**	*0.13*	0.27	*0.01*
UK, England, North Western	941	**3.8**	*0.14*	0.39	*0.02*	757	**2.6**	*0.11*	0.25	*0.01*
UK, England, Northern and Yorkshire	1110	**4.1**	*0.14*	0.42	*0.02*	902	**2.9**	*0.12*	0.29	*0.01*
UK, England, Oxford Region	416	**3.9**	*0.21*	0.40	*0.03*	365	**3.0**	*0.19*	0.29	*0.02*
UK, England, South and Western Regions	1281	**4.1**	*0.13*	0.41	*0.02*	1027	**2.9**	*0.12*	0.27	*0.01*
UK, England, Thames	1846	**4.2**	*0.11*	0.45	*0.01*	1530	**2.9**	*0.09*	0.29	*0.01*
UK, England, Trent	508	**3.9**	*0.20*	0.41	*0.02*	393	**2.9**	*0.19*	0.28	*0.02*
UK, England, West Midlands	846	**4.0**	*0.15*	0.41	*0.02*	678	**2.7**	*0.13*	0.27	*0.01*
UK, Northern Ireland	225	**3.8**	*0.27*	0.40	*0.03*	190	**2.9**	*0.24*	0.30	*0.03*
UK, Scotland	739	**3.7**	*0.15*	0.38	*0.02*	625	**2.7**	*0.13*	0.27	*0.01*
UK, Wales	646	**5.0**	*0.22*	0.53	*0.03*	496	**3.3**	*0.18*	0.34	*0.02*
Oceania										
Australian Capital Territory	66	**6.2**	*0.80*	0.52	*0.09*	34	**2.9**	*0.52*	0.31	*0.07*
Australia, New South Wales	1294	**5.2**	*0.15*	0.51	*0.02*	926	**3.3**	*0.13*	0.33	*0.01*
Australia, Northern Territory	21	**4.1**	*0.98*	0.31	*0.08*	19	**4.5**	*1.10*	0.50	*0.17*
Australia, Northern Territory: Indigenous	2	**1.8**	*1.33*	0.18	*0.15*	9	**7.5**	*2.73*	1.18	*0.52*
Australia, Northern Territory: Non–Indigenous	19	**4.8**	*1.26*	0.35	*0.09*	10	**3.0**	*1.01*	0.21	*0.10*
Australia, Queensland	712	**5.0**	*0.20*	0.52	*0.03*	519	**3.4**	*0.17*	0.33	*0.02*
South Australia	382	**6.1**	*0.34*	0.64	*0.04*	236	**3.3**	*0.26*	0.34	*0.03*
Australia, Tasmania	75	**4.1**	*0.51*	0.40	*0.06*	51	**2.3**	*0.38*	0.20	*0.04*
Australia, Victoria	1009	**5.3**	*0.18*	0.53	*0.02*	770	**3.9**	*0.16*	0.38	*0.02*
Western Australia	260	**3.8**	*0.25*	0.37	*0.03*	213	**3.0**	*0.23*	0.30	*0.03*
New Zealand	653	**4.5**	*0.19*	0.43	*0.02*	570	**3.5**	*0.17*	0.34	*0.02*
New Zealand: Maori	50	**4.5**	*0.69*	0.48	*0.09*	60	**4.5**	*0.61*	0.48	*0.08*
New Zealand: Pacific Islander	33	**7.0**	*1.27*	0.60	*0.16*	31	**5.9**	*1.10*	0.69	*0.15*
New Zealand: Other	570	**4.3**	*0.20*	0.42	*0.02*	479	**3.2**	*0.17*	0.31	*0.02*
USA, Hawaii	197	**4.4**	*0.34*	0.43	*0.04*	161	**3.5**	*0.32*	0.32	*0.03*
*USA, Hawaii: Chinese	10	**3.9**	*1.41*	0.38	*0.16*	10	**1.9**	*0.80*	0.13	*0.07*
*USA, Hawaii: Filipino	28	**5.1**	*1.06*	0.53	*0.13*	36	**5.2**	*0.92*	0.60	*0.12*
*USA, Hawaii: Hawaiian	30	**4.4**	*0.84*	0.45	*0.11*	27	**3.6**	*0.72*	0.39	*0.09*
*USA, Hawaii: Japanese	62	**5.0**	*0.78*	0.49	*0.09*	33	**2.5**	*0.59*	0.20	*0.05*
*USA, Hawaii: White	50	**3.6**	*0.54*	0.44	*0.09*	40	**4.2**	*0.80*	0.39	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia unspecified (C95)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	3	**0.1**	*0.05*	–	-	2	**0.1**	*0.06*	–	-
Egypt, Gharbiah	63	**0.8**	*0.11*	0.08	*0.01*	38	**0.5**	*0.08*	0.04	*0.01*
*Libya, Benghazi	10	**0.7**	*0.24*	0.09	*0.04*	15	**0.7**	*0.21*	0.06	*0.02*
*Malawi, Blantyre	12	**0.5**	*0.20*	0.06	*0.04*	12	**0.8**	*0.33*	0.11	*0.05*
*South Africa, PROMEC	2	**0.1**	*0.09*	0.02	*0.01*	6	**0.2**	*0.09*	0.02	*0.01*
*Tunisia, North	6	**0.1**	*0.03*	0.00	*0.00*	8	**0.1**	*0.04*	0.01	*0.01*
*Uganda, Kyadondo County	19	**0.8**	*0.28*	0.08	*0.04*	15	**0.6**	*0.22*	0.06	*0.03*
*Zimbabwe, Harare: African	9	**0.7**	*0.29*	0.05	*0.04*	1	**0.1**	*0.10*	0.01	*0.01*
America, Central and South										
Argentina, Bahía Blanca	8	**0.9**	*0.34*	0.08	*0.04*	9	**0.6**	*0.24*	0.05	*0.03*
Argentina, Córdoba	32	**1.2**	*0.21*	0.13	*0.03*	32	**0.8**	*0.16*	0.06	*0.02*
Argentina, Mendoza	42	**0.8**	*0.14*	0.07	*0.02*	41	**0.6**	*0.11*	0.06	*0.02*
*Argentina, Tierra del Fuego	5	**2.0**	*0.96*	0.16	*0.09*	0	**-**	-	–	-
Brazil, Aracaju	2	**0.2**	*0.16*	0.01	*0.01*	2	**0.3**	*0.20*	0.04	*0.03*
Brazil, Belo Horizonte	17	**0.6**	*0.15*	0.06	*0.02*	18	**0.5**	*0.11*	0.04	*0.01*
Brazil, Cuiabá	13	**1.3**	*0.39*	0.14	*0.05*	4	**0.3**	*0.16*	0.03	*0.02*
Brazil, Fortaleza	20	**0.6**	*0.13*	0.05	*0.02*	20	**0.4**	*0.10*	0.03	*0.01*
Brazil, Goiânia	21	**0.9**	*0.21*	0.08	*0.03*	25	**0.9**	*0.18*	0.07	*0.02*
*Brazil, São Paulo	202	**0.9**	*0.06*	0.08	*0.01*	179	**0.6**	*0.05*	0.05	*0.00*
Chile, Region of Antofagasta	17	**1.5**	*0.37*	0.09	*0.03*	13	**1.0**	*0.28*	0.11	*0.04*
Chile, Bío Bío Province	1	**0.1**	*0.07*	–	-	6	**0.4**	*0.16*	0.02	*0.02*
Chile, Valdivia	3	**0.3**	*0.18*	0.04	*0.02*	1	**0.1**	*0.05*	–	-
Colombia, Bucaramanga	83	**3.6**	*0.40*	0.34	*0.05*	65	**2.4**	*0.30*	0.23	*0.04*
Colombia, Cali	42	**0.9**	*0.15*	0.09	*0.02*	40	**0.7**	*0.11*	0.06	*0.01*
Colombia, Manizales	3	**0.3**	*0.18*	0.02	*0.01*	2	**0.2**	*0.14*	0.02	*0.02*
Colombia, Pasto	4	**0.5**	*0.24*	0.06	*0.04*	5	**0.5**	*0.22*	0.06	*0.03*
Costa Rica	32	**0.3**	*0.06*	0.04	*0.01*	25	**0.3**	*0.06*	0.02	*0.01*
Cuba, Villa Clara	25	**1.0**	*0.21*	0.12	*0.03*	26	**1.1**	*0.24*	0.13	*0.03*
Ecuador, Cuenca	13	**1.2**	*0.36*	0.09	*0.04*	9	**0.8**	*0.27*	0.05	*0.02*
Ecuador, Quito	22	**0.7**	*0.16*	0.08	*0.02*	17	**0.4**	*0.11*	0.05	*0.02*
*France, Martinique	3	**0.2**	*0.13*	0.02	*0.02*	0	**-**	-	–	-
*Jamaica, Kingston and St Andrew	6	**0.4**	*0.18*	0.04	*0.02*	5	**0.3**	*0.14*	0.05	*0.03*
USA, Puerto Rico	207	**1.5**	*0.11*	0.13	*0.01*	179	**1.1**	*0.10*	0.10	*0.01*
Uruguay	37	**0.5**	*0.09*	0.06	*0.01*	57	**0.6**	*0.09*	0.06	*0.01*
America, North										
Canada	740	**0.6**	*0.02*	0.05	*0.00*	740	**0.4**	*0.02*	0.04	*0.00*
Canada, Alberta	15	**0.1**	*0.04*	0.01	*0.00*	26	**0.2**	*0.03*	0.01	*0.00*
Canada, British Columbia	84	**0.4**	*0.05*	0.04	*0.01*	69	**0.2**	*0.04*	0.01	*0.00*
Canada, Manitoba	17	**0.3**	*0.07*	0.02	*0.01*	9	**0.1**	*0.04*	0.01	*0.01*
Canada, New Brunswick	14	**0.5**	*0.17*	0.03	*0.01*	10	**0.2**	*0.09*	0.03	*0.01*
Canada, Newfoundland and Labrador	5	**0.2**	*0.12*	0.02	*0.01*	10	**0.5**	*0.24*	0.03	*0.02*
*Canada, Northwest Territories	1	**0.9**	*0.88*	0.05	*0.05*	1	**1.2**	*1.19*	–	-
Canada, Nova Scotia	32	**0.9**	*0.17*	0.08	*0.02*	30	**0.6**	*0.13*	0.06	*0.02*
Canada, Ontario	318	**0.6**	*0.04*	0.05	*0.00*	328	**0.5**	*0.03*	0.04	*0.00*
Canada, Prince Edward Island	3	**0.4**	*0.23*	0.04	*0.04*	2	**0.2**	*0.17*	0.04	*0.04*
*Canada, Quebec	231	**0.8**	*0.06*	0.07	*0.01*	239	**0.6**	*0.05*	0.06	*0.01*
Canada, Saskatchewan	19	**0.4**	*0.10*	0.02	*0.01*	16	**0.2**	*0.08*	0.01	*0.01*
*Canada, Yukon	1	**1.3**	*1.28*	0.21	*0.21*	0	**-**	-	–	-
USA, NPCR (42 states)	4295	**0.4**	*0.01*	0.04	*0.00*	3979	**0.3**	*0.01*	0.02	*0.00*
USA, NPCR (42 states): American Indian	30	**0.5**	*0.09*	0.06	*0.01*	28	**0.4**	*0.07*	0.04	*0.01*
USA, NPCR (42 states): Asian and Pacific Islander	50	**0.2**	*0.02*	0.01	*0.00*	56	**0.1**	*0.02*	0.01	*0.00*
USA, NPCR (42 states): Black	345	**0.4**	*0.02*	0.04	*0.00*	323	**0.2**	*0.01*	0.02	*0.00*
USA, NPCR (42 states): White	3776	**0.4**	*0.01*	0.04	*0.00*	3492	**0.3**	*0.01*	0.02	*0.00*
USA, SEER (9 registries)	320	**0.3**	*0.02*	0.03	*0.00*	339	**0.2**	*0.02*	0.02	*0.00*
*USA, SEER (9 registries): Black	31	**0.4**	*0.08*	0.04	*0.01*	22	**0.2**	*0.05*	0.03	*0.01*
*USA, SEER (9 registries): White	270	**0.3**	*0.02*	0.03	*0.00*	296	**0.3**	*0.02*	0.02	*0.00*
USA, SEER (18 registries)	984	**0.3**	*0.01*	0.03	*0.00*	987	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	35	**0.2**	*0.03*	0.01	*0.00*	42	**0.2**	*0.03*	0.02	*0.00*
*USA, SEER (18 registries): Black	103	**0.5**	*0.05*	0.04	*0.01*	86	**0.2**	*0.03*	0.02	*0.00*
*USA, SEER (18 registries): Hispanic White	100	**0.3**	*0.03*	0.03	*0.00*	95	**0.2**	*0.03*	0.02	*0.00*
*USA, SEER (18 registries): Non–Hispanic White	737	**0.3**	*0.01*	0.03	*0.00*	747	**0.2**	*0.01*	0.02	*0.00*
*USA, SEER (18 registries): White	837	**0.3**	*0.01*	0.03	*0.00*	842	**0.2**	*0.01*	0.02	*0.00*
USA, Alabama	59	**0.4**	*0.05*	0.03	*0.01*	49	**0.2**	*0.03*	0.01	*0.00*
USA, Alabama: Black	8	**0.3**	*0.09*	0.02	*0.01*	4	**0.1**	*0.03*	0.00	*0.00*
USA, Alabama: White	49	**0.4**	*0.06*	0.04	*0.01*	45	**0.2**	*0.04*	0.02	*0.00*
USA, Alaska	2	**0.2**	*0.11*	0.00	*0.00*	5	**0.3**	*0.14*	0.04	*0.02*
*USA, Alaska: American Indian	0	**-**	-	–	-	1	**0.4**	*0.43*	0.03	*0.03*
USA, Arizona	111	**0.4**	*0.04*	0.03	*0.01*	82	**0.3**	*0.04*	0.02	*0.00*
USA, Arizona: American Indian	2	**0.3**	*0.19*	0.03	*0.02*	4	**0.5**	*0.24*	0.03	*0.02*
USA, Arizona: Asian and Pacific Islander	0	**-**	-	–	-	1	**0.2**	*0.17*	–	-
USA, Arizona: Black	2	**0.4**	*0.28*	0.01	*0.01*	0	**-**	-	–	-
USA, Arizona: White	107	**0.4**	*0.05*	0.03	*0.01*	77	**0.3**	*0.04*	0.02	*0.00*
USA, Arkansas	31	**0.2**	*0.04*	0.01	*0.00*	37	**0.2**	*0.04*	0.02	*0.01*
USA, Arkansas: Black	7	**0.5**	*0.20*	0.02	*0.02*	4	**0.2**	*0.11*	0.03	*0.02*
USA, Arkansas: White	23	**0.2**	*0.04*	0.01	*0.00*	33	**0.2**	*0.05*	0.02	*0.01*
USA, California	397	**0.3**	*0.02*	0.02	*0.00*	349	**0.2**	*0.01*	0.02	*0.00*
USA, California: American Indian	0	**-**	-	–	-	3	**0.2**	*0.13*	0.03	*0.02*
USA, California: Asian and Pacific Islander	20	**0.1**	*0.03*	0.01	*0.00*	24	**0.1**	*0.03*	0.01	*0.00*
USA, California: Black	23	**0.4**	*0.08*	0.03	*0.01*	11	**0.1**	*0.04*	0.01	*0.00*
USA, California: White	349	**0.3**	*0.02*	0.02	*0.00*	303	**0.2**	*0.01*	0.02	*0.00*
USA, California, Los Angeles County	75	**0.2**	*0.03*	0.02	*0.00*	74	**0.2**	*0.02*	0.01	*0.00*
*USA, California, Los Angeles County: Asian and Pacific Islander	6	**0.1**	*0.07*	0.00	*0.00*	6	**0.1**	*0.06*	0.02	*0.01*
*USA, California, Los Angeles County: Black	10	**0.5**	*0.16*	0.04	*0.01*	7	**0.2**	*0.07*	0.01	*0.01*
*USA, California, Los Angeles County: Chinese	0	**-**	-	–	-	2	**0.1**	*0.09*	0.01	*0.01*
*USA, California, Los Angeles County: Filipino	1	**0.1**	*0.07*	–	-	1	**0.1**	*0.10*	0.02	*0.02*
*USA, California, Los Angeles County: Hispanic White	20	**0.2**	*0.05*	0.02	*0.01*	26	**0.2**	*0.04*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia unspecified (C95) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	2	**0.2**	*0.14*	–	-	0	**-**	-	–	-
*USA, California, Los Angeles County: Korean	1	**0.3**	*0.26*	0.02	*0.02*	1	**0.2**	*0.16*	0.03	*0.03*
*USA, California, Los Angeles County: Non−Hispanic White	39	**0.2**	*0.05*	0.02	*0.01*	34	**0.1**	*0.03*	0.01	*0.00*
*USA, California, Los Angeles County: White	59	**0.2**	*0.03*	0.02	*0.00*	60	**0.2**	*0.03*	0.01	*0.00*
USA, California, San Francisco Bay Area	40	**0.2**	*0.03*	0.01	*0.00*	41	**0.2**	*0.03*	0.02	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	4	**0.1**	*0.04*	–	-	7	**0.1**	*0.05*	0.01	*0.01*
*USA, California, San Francisco Bay Area: Black	4	**0.3**	*0.18*	0.05	*0.03*	2	**0.1**	*0.08*	0.02	*0.02*
*USA, California, San Francisco Bay Area: Hispanic White	2	**0.1**	*0.09*	0.01	*0.01*	3	**0.1**	*0.06*	0.00	*0.00*
*USA, California, San Francisco Bay Area: Non−Hispanic White	30	**0.2**	*0.05*	0.01	*0.00*	28	**0.2**	*0.06*	0.03	*0.01*
*USA, California, San Francisco Bay Area: White	32	**0.2**	*0.04*	0.01	*0.00*	31	**0.2**	*0.05*	0.02	*0.01*
USA, Colorado	52	**0.3**	*0.05*	0.03	*0.01*	42	**0.2**	*0.03*	0.01	*0.00*
USA, Colorado: Asian and Pacific Islander	1	**0.4**	*0.45*	0.11	*0.11*	1	**0.1**	*0.15*	–	-
USA, Colorado: Black	2	**0.5**	*0.33*	0.05	*0.04*	0	**-**	-	–	-
USA, Colorado: White	48	**0.3**	*0.05*	0.03	*0.01*	41	**0.2**	*0.03*	0.02	*0.00*
USA, Connecticut	62	**0.4**	*0.06*	0.04	*0.01*	71	**0.3**	*0.06*	0.03	*0.01*
*USA, Connecticut: Black	6	**0.7**	*0.31*	0.09	*0.05*	4	**0.5**	*0.24*	0.06	*0.03*
*USA, Connecticut: White	55	**0.4**	*0.05*	0.03	*0.01*	67	**0.3**	*0.06*	0.03	*0.01*
USA, Delaware	10	**0.3**	*0.12*	0.03	*0.01*	15	**0.3**	*0.08*	0.02	*0.01*
USA, Delaware: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Delaware: White	10	**0.4**	*0.16*	0.04	*0.02*	14	**0.3**	*0.08*	0.02	*0.01*
USA, Florida	364	**0.4**	*0.03*	0.04	*0.00*	285	**0.3**	*0.02*	0.03	*0.00*
USA, Florida: Asian and Pacific Islander	2	**0.1**	*0.10*	–	-	1	**0.1**	*0.06*	–	-
USA, Florida: Black	19	**0.3**	*0.06*	0.02	*0.01*	33	**0.4**	*0.06*	0.04	*0.01*
USA, Florida: White	338	**0.5**	*0.03*	0.04	*0.00*	246	**0.3**	*0.02*	0.02	*0.00*
USA, Georgia	100	**0.4**	*0.04*	0.03	*0.00*	116	**0.3**	*0.03*	0.02	*0.00*
USA, Georgia: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Georgia: Black	23	**0.4**	*0.09*	0.04	*0.01*	24	**0.3**	*0.05*	0.03	*0.01*
USA, Georgia: White	76	**0.4**	*0.04*	0.03	*0.01*	91	**0.3**	*0.04*	0.02	*0.00*
USA, Georgia, Atlanta	31	**0.4**	*0.07*	0.03	*0.01*	25	**0.2**	*0.05*	0.02	*0.01*
*USA, Georgia, Atlanta: Black	9	**0.4**	*0.15*	0.04	*0.02*	5	**0.2**	*0.08*	0.03	*0.02*
*USA, Georgia, Atlanta: White	21	**0.4**	*0.10*	0.03	*0.01*	19	**0.2**	*0.06*	0.02	*0.01*
USA, Idaho	25	**0.4**	*0.09*	0.03	*0.01*	21	**0.3**	*0.08*	0.02	*0.01*
USA, Illinois	215	**0.4**	*0.03*	0.03	*0.00*	199	**0.2**	*0.02*	0.01	*0.00*
USA, Illinois: Asian and Pacific Islander	2	**0.2**	*0.12*	0.01	*0.01*	2	**0.1**	*0.09*	0.01	*0.01*
USA, Illinois: Black	24	**0.4**	*0.09*	0.03	*0.01*	15	**0.1**	*0.04*	0.00	*0.00*
USA, Illinois: White	185	**0.4**	*0.03*	0.02	*0.00*	181	**0.2**	*0.02*	0.02	*0.00*
USA, Indiana	90	**0.4**	*0.04*	0.03	*0.01*	82	**0.2**	*0.03*	0.01	*0.00*
USA, Indiana: Black	6	**0.4**	*0.15*	0.02	*0.01*	2	**0.1**	*0.04*	–	-
USA, Indiana: White	81	**0.4**	*0.05*	0.03	*0.01*	79	**0.2**	*0.03*	0.02	*0.00*
USA, Iowa	36	**0.3**	*0.07*	0.03	*0.01*	33	**0.2**	*0.03*	0.01	*0.00*
USA, Kentucky	60	**0.4**	*0.05*	0.03	*0.01*	67	**0.3**	*0.04*	0.02	*0.01*
USA, Louisiana	78	**0.6**	*0.08*	0.06	*0.01*	63	**0.3**	*0.05*	0.03	*0.01*
*USA, Louisiana: Black	27	**0.9**	*0.18*	0.08	*0.02*	22	**0.5**	*0.12*	0.04	*0.02*
*USA, Louisiana: White	50	**0.5**	*0.08*	0.05	*0.01*	41	**0.3**	*0.05*	0.02	*0.01*
*USA, Louisiana, New Orleans	15	**0.6**	*0.16*	0.05	*0.02*	11	**0.3**	*0.10*	0.05	*0.02*
*USA, Louisiana, New Orleans: Black	5	**0.6**	*0.29*	0.07	*0.05*	3	**0.3**	*0.19*	0.05	*0.04*
*USA, Louisiana, New Orleans: White	9	**0.4**	*0.16*	0.03	*0.02*	8	**0.3**	*0.12*	0.05	*0.02*
USA, Maine	10	**0.2**	*0.06*	0.01	*0.01*	19	**0.2**	*0.06*	0.02	*0.01*
USA, Massachusetts	91	**0.3**	*0.03*	0.02	*0.00*	90	**0.2**	*0.02*	0.01	*0.00*
USA, Massachusetts: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Massachusetts: Black	2	**0.2**	*0.15*	0.04	*0.03*	3	**0.2**	*0.12*	0.01	*0.01*
USA, Massachusetts: White	89	**0.3**	*0.03*	0.02	*0.00*	87	**0.2**	*0.02*	0.01	*0.00*
USA, Michigan	180	**0.5**	*0.04*	0.04	*0.00*	173	**0.3**	*0.03*	0.02	*0.00*
USA, Michigan: Asian and Pacific Islander	1	**0.2**	*0.22*	0.01	*0.01*	2	**0.3**	*0.19*	0.02	*0.02*
USA, Michigan: Black	13	**0.4**	*0.10*	0.02	*0.01*	21	**0.4**	*0.09*	0.02	*0.01*
USA, Michigan: White	162	**0.5**	*0.04*	0.04	*0.01*	147	**0.3**	*0.03*	0.02	*0.00*
USA, Michigan, Detroit	61	**0.5**	*0.07*	0.04	*0.01*	69	**0.3**	*0.05*	0.02	*0.00*
*USA, Michigan, Detroit: Black	10	**0.4**	*0.14*	0.03	*0.01*	11	**0.3**	*0.11*	0.02	*0.01*
*USA, Michigan, Detroit: White	49	**0.4**	*0.07*	0.04	*0.01*	57	**0.3**	*0.05*	0.02	*0.01*
USA, Mississippi	96	**0.9**	*0.10*	0.09	*0.01*	69	**0.4**	*0.06*	0.04	*0.01*
USA, Missouri	178	**0.7**	*0.05*	0.05	*0.01*	157	**0.4**	*0.04*	0.02	*0.00*
USA, Missouri: Black	12	**0.6**	*0.19*	0.05	*0.02*	14	**0.4**	*0.12*	0.03	*0.02*
USA, Missouri: White	164	**0.7**	*0.06*	0.05	*0.01*	142	**0.4**	*0.04*	0.02	*0.00*
USA, Montana	10	**0.2**	*0.07*	0.02	*0.01*	9	**0.2**	*0.08*	0.01	*0.01*
USA, Montana: American Indian	1	**0.9**	*0.94*	0.16	*0.16*	1	**0.5**	*0.55*	0.03	*0.03*
USA, Nebraska	24	**0.3**	*0.07*	0.03	*0.01*	21	**0.2**	*0.05*	0.01	*0.01*
USA, Nebraska: Black	0	**-**	-	–	-	0	**-**	-	–	-
USA, Nebraska: White	24	**0.3**	*0.08*	0.03	*0.01*	21	**0.2**	*0.05*	0.01	*0.01*
USA, New Hampshire	23	**0.5**	*0.10*	0.04	*0.01*	18	**0.2**	*0.06*	0.01	*0.01*
USA, New Jersey	103	**0.3**	*0.03*	0.03	*0.00*	115	**0.2**	*0.03*	0.02	*0.00*
*USA, New Jersey: Black	11	**0.4**	*0.11*	0.04	*0.02*	13	**0.3**	*0.08*	0.02	*0.01*
*USA, New Jersey: White	89	**0.3**	*0.04*	0.03	*0.00*	96	**0.2**	*0.03*	0.02	*0.00*
USA, New Mexico	29	**0.4**	*0.08*	0.04	*0.01*	34	**0.5**	*0.10*	0.04	*0.01*
*USA, New Mexico: Hispanic White	7	**0.3**	*0.12*	0.04	*0.02*	12	**0.5**	*0.15*	0.04	*0.02*
*USA, New Mexico: Non−Hispanic White	20	**0.4**	*0.11*	0.03	*0.01*	22	**0.6**	*0.17*	0.05	*0.02*
*USA, New Mexico: White	27	**0.4**	*0.09*	0.04	*0.01*	34	**0.6**	*0.12*	0.05	*0.01*
USA, New York State	240	**0.3**	*0.02*	0.03	*0.00*	244	**0.2**	*0.02*	0.02	*0.00*
USA, New York State: Asian and Pacific Islander	3	**0.1**	*0.07*	0.01	*0.00*	8	**0.2**	*0.07*	0.01	*0.01*
USA, New York State: Black	22	**0.2**	*0.05*	0.03	*0.01*	24	**0.2**	*0.04*	0.02	*0.00*
USA, New York State: White	211	**0.3**	*0.03*	0.03	*0.00*	207	**0.2**	*0.02*	0.02	*0.00*
USA, North Carolina	103	**0.3**	*0.03*	0.03	*0.00*	114	**0.2**	*0.02*	0.02	*0.00*
USA, North Carolina: American Indian	2	**0.8**	*0.58*	0.11	*0.11*	2	**0.5**	*0.39*	0.08	*0.08*
USA, North Carolina: Asian and Pacific Islander	1	**0.5**	*0.45*	–	-	0	**-**	-	–	-
USA, North Carolina: Black	15	**0.3**	*0.09*	0.04	*0.01*	24	**0.3**	*0.06*	0.03	*0.01*
USA, North Carolina: White	84	**0.3**	*0.04*	0.03	*0.01*	85	**0.2**	*0.02*	0.02	*0.00*
USA, North Dakota	3	**0.2**	*0.15*	0.02	*0.01*	3	**0.1**	*0.06*	0.00	*0.00*
USA, Ohio	211	**0.5**	*0.03*	0.04	*0.00*	201	**0.3**	*0.02*	0.02	*0.00*
USA, Ohio: Asian and Pacific Islander	2	**0.5**	*0.36*	0.02	*0.02*	1	**0.2**	*0.24*	0.06	*0.06*
USA, Ohio: Black	12	**0.3**	*0.10*	0.04	*0.02*	16	**0.3**	*0.08*	0.03	*0.01*
USA, Ohio: White	194	**0.5**	*0.04*	0.04	*0.00*	184	**0.3**	*0.03*	0.02	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia unspecified (C95) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	198	**1.4**	*0.11*	0.15	*0.01*	254	**1.6**	*0.12*	0.15	*0.01*
USA, Oklahoma: American Indian	17	**2.2**	*0.54*	0.30	*0.09*	13	**1.3**	*0.38*	0.11	*0.04*
USA, Oklahoma: Black	5	**0.8**	*0.36*	0.09	*0.05*	17	**2.2**	*0.55*	0.19	*0.06*
USA, Oklahoma: White	159	**1.3**	*0.11*	0.13	*0.01*	201	**1.4**	*0.12*	0.13	*0.01*
USA, Oregon	81	**0.5**	*0.06*	0.05	*0.01*	73	**0.3**	*0.05*	0.03	*0.01*
USA, Oregon: Asian and Pacific Islander	1	**0.3**	*0.34*	0.02	*0.02*	1	**0.2**	*0.16*	–	-
USA, Oregon: Black	1	**0.4**	*0.44*	–	-	0	**-**	-	–	-
USA, Oregon: White	77	**0.5**	*0.06*	0.05	*0.01*	72	**0.3**	*0.06*	0.03	*0.01*
USA, Pennsylvania	207	**0.3**	*0.03*	0.03	*0.00*	214	**0.2**	*0.02*	0.02	*0.00*
USA, Pennsylvania: Asian and Pacific Islander	1	**0.1**	*0.13*	0.02	*0.02*	0	**-**	-	–	-
USA, Pennsylvania: Black	12	**0.3**	*0.09*	0.03	*0.01*	10	**0.2**	*0.06*	0.02	*0.01*
USA, Pennsylvania: White	193	**0.4**	*0.03*	0.03	*0.00*	203	**0.2**	*0.02*	0.02	*0.00*
USA, Rhode Island	10	**0.3**	*0.09*	0.03	*0.01*	18	**0.2**	*0.07*	0.02	*0.01*
USA, Rhode Island: Black	1	**0.5**	*0.53*	0.03	*0.03*	1	**0.5**	*0.47*	0.04	*0.04*
USA, Rhode Island: White	9	**0.2**	*0.09*	0.03	*0.01*	17	**0.2**	*0.06*	0.02	*0.01*
USA, South Carolina	70	**0.4**	*0.06*	0.04	*0.01*	59	**0.3**	*0.04*	0.02	*0.01*
USA, South Carolina: Black	13	**0.4**	*0.12*	0.06	*0.02*	8	**0.1**	*0.06*	0.01	*0.00*
USA, South Carolina: White	56	**0.4**	*0.07*	0.04	*0.01*	51	**0.3**	*0.05*	0.03	*0.01*
USA, South Dakota	17	**0.4**	*0.12*	0.03	*0.01*	14	**0.3**	*0.10*	0.04	*0.02*
USA, Tennessee	87	**0.4**	*0.04*	0.03	*0.01*	64	**0.2**	*0.03*	0.02	*0.00*
USA, Tennessee: Black	10	**0.4**	*0.14*	0.04	*0.02*	7	**0.2**	*0.08*	0.02	*0.01*
USA, Tennessee: White	75	**0.4**	*0.05*	0.03	*0.01*	57	**0.2**	*0.03*	0.02	*0.00*
USA, Texas	378	**0.5**	*0.03*	0.04	*0.00*	322	**0.3**	*0.02*	0.03	*0.00*
USA, Texas: Asian and Pacific Islander	1	**0.0**	*0.03*	0.00	*0.00*	2	**0.1**	*0.08*	0.01	*0.01*
USA, Texas: Black	27	**0.4**	*0.08*	0.03	*0.01*	20	**0.2**	*0.05*	0.01	*0.01*
USA, Texas: White	341	**0.6**	*0.03*	0.04	*0.00*	289	**0.4**	*0.02*	0.03	*0.00*
USA, Utah	12	**0.1**	*0.04*	0.01	*0.00*	14	**0.1**	*0.03*	0.01	*0.00*
USA, Vermont	4	**0.1**	*0.06*	–	-	3	**0.0**	*0.02*	–	-
USA, Virginia	100	**0.4**	*0.04*	0.03	*0.01*	119	**0.3**	*0.03*	0.02	*0.00*
USA, Virginia: Asian and Pacific Islander	3	**0.4**	*0.21*	0.04	*0.04*	4	**0.3**	*0.17*	0.01	*0.01*
USA, Virginia: Black	16	**0.4**	*0.11*	0.04	*0.01*	18	**0.3**	*0.07*	0.02	*0.01*
USA, Virginia: White	79	**0.4**	*0.04*	0.03	*0.01*	96	**0.3**	*0.04*	0.02	*0.00*
USA, Washington State	52	**0.2**	*0.03*	0.03	*0.01*	57	**0.2**	*0.03*	0.01	*0.00*
USA, Washington, Seattle	36	**0.2**	*0.04*	0.03	*0.01*	39	**0.2**	*0.03*	0.01	*0.00*
USA, West Virginia	44	**0.5**	*0.09*	0.05	*0.01*	32	**0.3**	*0.06*	0.02	*0.01*
USA, Wisconsin	179	**0.8**	*0.07*	0.07	*0.01*	148	**0.4**	*0.04*	0.04	*0.01*
USA, Wisconsin: Black	8	**1.4**	*0.54*	0.10	*0.06*	5	**0.8**	*0.37*	0.14	*0.06*
USA, Wisconsin: White	146	**0.7**	*0.07*	0.07	*0.01*	136	**0.3**	*0.04*	0.03	*0.01*
USA, Wyoming	8	**0.4**	*0.15*	0.04	*0.02*	5	**0.2**	*0.08*	0.01	*0.01*
Asia										
Bahrain: Bahraini	19	**1.9**	*0.45*	0.16	*0.06*	12	**1.2**	*0.36*	0.10	*0.05*
China, Beijing City	199	**0.9**	*0.09*	0.08	*0.01*	140	**0.5**	*0.06*	0.05	*0.01*
*China, Cixian County	25	**1.8**	*0.37*	0.21	*0.05*	24	**1.8**	*0.38*	0.19	*0.05*
China, Haining County	70	**3.6**	*0.45*	0.39	*0.05*	66	**3.4**	*0.49*	0.28	*0.04*
*China, Harbin City, Nangang District	73	**2.3**	*0.29*	0.25	*0.04*	57	**2.3**	*0.39*	0.20	*0.03*
China, Hong Kong	71	**0.3**	*0.03*	0.02	*0.00*	70	**0.2**	*0.03*	0.02	*0.00*
China, Jiashan County	14	**1.5**	*0.59*	0.13	*0.04*	12	**1.4**	*0.52*	0.10	*0.03*
China, Jiaxing City	5	**0.5**	*0.24*	0.03	*0.02*	10	**1.4**	*0.61*	0.11	*0.04*
China, Macao	4	**0.3**	*0.15*	0.04	*0.03*	1	**0.1**	*0.08*	0.02	*0.02*
China, Qidong County	67	**2.1**	*0.31*	0.21	*0.03*	47	**1.1**	*0.17*	0.12	*0.02*
*China, Shanghai City	198	**0.7**	*0.06*	0.08	*0.01*	178	**0.7**	*0.08*	0.07	*0.01*
*China, Wuhan City	132	**1.1**	*0.12*	0.10	*0.01*	104	**0.9**	*0.11*	0.08	*0.01*
*China, Yangcheng County	4	**0.5**	*0.26*	0.04	*0.02*	0	**-**	-	–	-
*China, Yanting County	82	**5.3**	*0.63*	0.43	*0.06*	65	**3.8**	*0.47*	0.44	*0.06*
*China, Zhongshan City	16	**0.6**	*0.16*	0.06	*0.02*	11	**0.4**	*0.11*	0.02	*0.01*
*India, Bangalore	55	**0.7**	*0.09*	0.06	*0.01*	40	**0.5**	*0.08*	0.04	*0.01*
*India; Barshi, Paranda, and Bhum	4	**0.3**	*0.17*	0.02	*0.01*	2	**0.1**	*0.11*	0.01	*0.01*
*India, Bhopal	1	**0.0**	*0.05*	0.01	*0.01*	3	**0.1**	*0.04*	0.00	*0.00*
*India, Chennai	36	**0.3**	*0.06*	0.02	*0.00*	26	**0.3**	*0.05*	0.02	*0.01*
*India, Dindigul, Ambilikkai	18	**0.3**	*0.08*	0.03	*0.01*	11	**0.2**	*0.07*	0.02	*0.01*
*India, Karunagappally	6	**0.6**	*0.25*	0.06	*0.03*	6	**0.5**	*0.19*	0.04	*0.02*
*India, Mizoram	17	**0.9**	*0.23*	0.08	*0.03*	22	**1.1**	*0.26*	0.11	*0.03*
*India, Mumbai	196	**0.7**	*0.05*	0.06	*0.01*	148	**0.6**	*0.05*	0.05	*0.01*
*India, New Delhi	271	**0.7**	*0.05*	0.07	*0.01*	149	**0.5**	*0.04*	0.05	*0.01*
*India, Poona	44	**0.5**	*0.08*	0.06	*0.01*	31	**0.4**	*0.07*	0.03	*0.01*
*India, Sikkim State	1	**0.1**	*0.10*	0.01	*0.01*	3	**0.2**	*0.11*	0.01	*0.01*
*India, Trivandrum	7	**0.5**	*0.17*	0.06	*0.03*	4	**0.3**	*0.13*	0.02	*0.01*
*Iran (Islamic Republic of), Golestan Province	62	**3.3**	*0.45*	0.34	*0.06*	50	**2.5**	*0.39*	0.26	*0.05*
Israel	129	**0.7**	*0.06*	0.06	*0.01*	121	**0.5**	*0.05*	0.04	*0.01*
*Israel: Jews	99	**0.6**	*0.06*	0.05	*0.01*	100	**0.4**	*0.05*	0.04	*0.01*
*Israel: Non–Jews	30	**1.3**	*0.25*	0.11	*0.03*	21	**0.8**	*0.18*	0.06	*0.02*
Japan, Aichi Prefecture	10	**0.1**	*0.05*	0.01	*0.00*	8	**0.1**	*0.07*	0.01	*0.01*
Japan, Fukui Prefecture	6	**0.1**	*0.05*	0.01	*0.01*	7	**0.1**	*0.07*	0.01	*0.01*
Japan, Hiroshima	13	**0.3**	*0.11*	0.03	*0.01*	16	**0.4**	*0.12*	0.03	*0.01*
Japan, Miyagi Prefecture	25	**0.2**	*0.05*	0.02	*0.01*	23	**0.2**	*0.05*	0.01	*0.00*
Japan, Nagasaki Prefecture	20	**0.3**	*0.08*	0.03	*0.01*	15	**0.2**	*0.09*	0.01	*0.01*
Japan, Niigata Prefecture	40	**0.3**	*0.06*	0.03	*0.01*	24	**0.1**	*0.05*	0.01	*0.00*
*Japan, Osaka Prefecture	105	**0.3**	*0.03*	0.02	*0.00*	93	**0.2**	*0.02*	0.01	*0.00*
Japan, Saga Prefecture	4	**0.1**	*0.07*	0.01	*0.01*	6	**0.1**	*0.05*	0.01	*0.01*
Republic of Korea	862	**0.7**	*0.03*	0.07	*0.00*	751	**0.5**	*0.02*	0.04	*0.00*
Republic of Korea, Busan	46	**0.6**	*0.10*	0.05	*0.01*	34	**0.3**	*0.07*	0.03	*0.01*
Republic of Korea, Daegu	56	**1.0**	*0.14*	0.09	*0.02*	31	**0.5**	*0.11*	0.04	*0.01*
Republic of Korea, Daejeon	22	**0.8**	*0.18*	0.06	*0.02*	14	**0.3**	*0.10*	0.03	*0.01*
Republic of Korea, Gwangju	13	**0.4**	*0.11*	0.06	*0.02*	17	**0.5**	*0.14*	0.04	*0.01*
Republic of Korea, Incheon	19	**0.3**	*0.08*	0.03	*0.01*	33	**0.5**	*0.09*	0.04	*0.01*
Republic of Korea, Jejudo	7	**0.8**	*0.32*	0.05	*0.02*	5	**0.3**	*0.15*	0.02	*0.01*
Republic of Korea, Seoul	167	**0.7**	*0.06*	0.07	*0.01*	152	**0.6**	*0.05*	0.06	*0.01*
Republic of Korea, Ulsan	12	**0.6**	*0.18*	0.06	*0.02*	6	**0.2**	*0.09*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia unspecified (C95) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	5	**0.2**	*0.10*	0.02	*0.02*	3	**0.1**	*0.08*	0.00	*0.00*
*Kuwait: Kuwaitis	2	**0.2**	*0.12*	0.01	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
*Kuwait: Non−Kuwaitis	3	**0.2**	*0.15*	0.04	*0.04*	2	**0.2**	*0.21*	0.00	*0.00*
*Malaysia, Penang	22	**1.0**	*0.21*	0.06	*0.02*	9	**0.3**	*0.11*	0.03	*0.01*
*Malaysia, Penang: Chinese	7	**0.7**	*0.29*	0.05	*0.02*	7	**0.5**	*0.19*	0.03	*0.01*
*Malaysia, Penang: Indian	5	**2.4**	*1.11*	0.20	*0.11*	1	**0.6**	*0.56*	0.14	*0.14*
*Malaysia, Penang: Malay	10	**1.0**	*0.34*	0.05	*0.02*	1	**0.1**	*0.09*	0.00	*0.00*
*Philippines, Manila	192	**1.6**	*0.13*	0.14	*0.02*	214	**1.7**	*0.13*	0.17	*0.02*
*Philippines, Rizal	195	**1.6**	*0.13*	0.15	*0.02*	199	**1.5**	*0.11*	0.14	*0.01*
Qatar: Qatari	1	**0.4**	*0.37*	0.09	*0.09*	4	**0.7**	*0.35*	0.04	*0.02*
*Saudi Arabia, Riyadh: Saudi	18	**0.3**	*0.07*	0.03	*0.01*	9	**0.1**	*0.05*	0.01	*0.00*
Singapore	28	**0.3**	*0.06*	0.04	*0.01*	26	**0.2**	*0.05*	0.02	*0.01*
Singapore: Chinese	23	**0.3**	*0.07*	0.04	*0.01*	22	**0.3**	*0.06*	0.02	*0.01*
Singapore: Indian	1	**0.2**	*0.20*	0.03	*0.03*	0	**-**	-	–	-
Singapore: Malay	3	**0.3**	*0.18*	0.05	*0.03*	3	**0.2**	*0.14*	0.04	*0.03*
Thailand, Bangkok	376	**2.8**	*0.15*	0.28	*0.02*	374	**2.2**	*0.12*	0.21	*0.01*
Thailand, Chiang Mai	12	**0.3**	*0.10*	0.02	*0.01*	10	**0.2**	*0.07*	0.02	*0.01*
Thailand, Chonburi	36	**1.4**	*0.25*	0.12	*0.03*	49	**1.7**	*0.26*	0.13	*0.02*
*Thailand, Khon Kaen	14	**0.3**	*0.09*	0.03	*0.01*	17	**0.3**	*0.09*	0.03	*0.01*
Thailand, Lampang	34	**1.7**	*0.31*	0.16	*0.03*	26	**1.0**	*0.21*	0.09	*0.02*
*Thailand, Songkhla	24	**1.0**	*0.21*	0.08	*0.02*	22	**0.8**	*0.17*	0.08	*0.02*
*Turkey, Antalya	11	**0.3**	*0.09*	0.02	*0.01*	10	**0.3**	*0.08*	0.02	*0.01*
*Turkey, Edirne	2	**0.2**	*0.17*	0.03	*0.02*	3	**0.3**	*0.15*	0.03	*0.02*
*Turkey, Izmir	55	**0.6**	*0.09*	0.07	*0.01*	42	**0.4**	*0.07*	0.04	*0.01*
*Turkey, Trabzon	5	**0.4**	*0.19*	0.02	*0.02*	4	**0.2**	*0.09*	–	-
Europe										
Austria	99	**0.3**	*0.04*	0.03	*0.00*	105	**0.2**	*0.03*	0.02	*0.00*
Austria, Tyrol	5	**0.2**	*0.10*	0.01	*0.01*	3	**0.0**	*0.02*	–	-
Austria, Vorarlberg	6	**0.7**	*0.33*	0.03	*0.02*	4	**0.3**	*0.16*	0.02	*0.01*
*Belarus	77	**0.3**	*0.03*	0.03	*0.00*	71	**0.1**	*0.02*	0.02	*0.00*
*Belgium	60	**0.2**	*0.02*	0.02	*0.00*	36	**0.1**	*0.01*	0.01	*0.00*
Bulgaria	137	**0.5**	*0.04*	0.05	*0.00*	138	**0.4**	*0.05*	0.04	*0.00*
Croatia	3	**0.0**	*0.02*	0.00	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
Cyprus	47	**1.5**	*0.24*	0.12	*0.03*	46	**1.2**	*0.21*	0.09	*0.02*
Czech Republic	86	**0.2**	*0.03*	0.02	*0.00*	73	**0.2**	*0.03*	0.02	*0.00*
Denmark	18	**0.1**	*0.03*	0.01	*0.00*	19	**0.1**	*0.02*	0.01	*0.00*
*Estonia	5	**0.1**	*0.06*	0.01	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
Finland	90	**0.5**	*0.06*	0.04	*0.01*	89	**0.4**	*0.06*	0.03	*0.00*
*France, Bas−Rhin	6	**0.2**	*0.09*	0.01	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
*France, Calvados	9	**0.4**	*0.14*	0.03	*0.01*	12	**0.4**	*0.15*	0.03	*0.01*
*France, Doubs	3	**0.4**	*0.21*	0.02	*0.01*	3	**0.2**	*0.13*	0.01	*0.01*
*France, Haut−Rhin	7	**0.2**	*0.11*	0.02	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
*France, Hérault	2	**0.1**	*0.04*	0.00	*0.00*	2	**0.0**	*0.04*	0.00	*0.00*
*France, Isère	7	**0.2**	*0.07*	0.01	*0.01*	3	**0.1**	*0.09*	0.01	*0.00*
*France, Loire−Atlantique	5	**0.2**	*0.09*	0.01	*0.01*	4	**0.1**	*0.05*	0.00	*0.00*
*France, Manche	1	**0.1**	*0.13*	0.01	*0.01*	1	**0.0**	*0.01*	–	-
*France, Somme	3	**0.1**	*0.06*	0.02	*0.01*	10	**0.5**	*0.19*	0.05	*0.02*
*France, Tarn	1	**0.0**	*0.03*	–	-	4	**0.1**	*0.03*	–	-
*France, Vendée	1	**0.0**	*0.01*	–	-	0	**-**	-	–	-
Germany, Brandenburg	36	**0.3**	*0.05*	0.03	*0.01*	58	**0.2**	*0.03*	0.01	*0.00*
Germany, Bremen	6	**0.3**	*0.18*	0.02	*0.01*	14	**0.3**	*0.13*	0.02	*0.01*
Germany, Free State of Saxony	70	**0.3**	*0.05*	0.03	*0.00*	87	**0.3**	*0.05*	0.02	*0.00*
Germany, Hamburg	18	**0.2**	*0.05*	0.01	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
Germany, Mecklenburg−Western Pomerania	25	**0.3**	*0.07*	0.02	*0.01*	34	**0.2**	*0.04*	0.01	*0.00*
Germany, Munich	78	**0.4**	*0.04*	0.02	*0.00*	67	**0.2**	*0.04*	0.01	*0.00*
Germany, North Rhine−Westphalia	30	**0.2**	*0.05*	0.01	*0.00*	37	**0.2**	*0.04*	0.02	*0.00*
Germany, Saarland	12	**0.2**	*0.05*	0.01	*0.00*	19	**0.1**	*0.03*	0.00	*0.00*
Germany, Schleswig−Holstein	51	**0.4**	*0.07*	0.03	*0.01*	65	**0.3**	*0.04*	0.02	*0.00*
Iceland	1	**0.1**	*0.14*	0.01	*0.01*	0	**-**	-	–	-
Ireland	94	**0.7**	*0.07*	0.06	*0.01*	78	**0.4**	*0.05*	0.03	*0.01*
Italy, Biella	1	**0.1**	*0.08*	–	-	4	**0.2**	*0.10*	0.01	*0.01*
Italy, Brescia	15	**0.4**	*0.10*	0.05	*0.02*	20	**0.3**	*0.07*	0.02	*0.01*
Italy, Catania and Messina	7	**0.2**	*0.11*	0.01	*0.01*	10	**0.2**	*0.09*	0.03	*0.01*
Italy, Catanzaro	5	**0.3**	*0.11*	–	-	6	**0.4**	*0.19*	0.06	*0.03*
Italy, Como	10	**0.4**	*0.13*	0.05	*0.02*	4	**0.1**	*0.07*	0.01	*0.01*
Italy, Ferrara	0	**-**	-	–	-	4	**0.1**	*0.03*	–	-
Italy, Florence and Prato	29	**0.7**	*0.14*	0.07	*0.02*	29	**0.5**	*0.12*	0.05	*0.01*
Italy, Friuli−Venezia Giulia	6	**0.1**	*0.03*	0.00	*0.00*	7	**0.1**	*0.03*	0.01	*0.01*
Italy, Genoa	19	**0.4**	*0.11*	0.03	*0.01*	25	**0.3**	*0.06*	0.02	*0.01*
Italy, Latina	3	**0.2**	*0.14*	0.01	*0.01*	5	**0.3**	*0.20*	0.01	*0.01*
Italy, Lecco	3	**0.3**	*0.15*	0.03	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
Italy, Lombardy, South	9	**0.4**	*0.15*	0.04	*0.02*	11	**0.4**	*0.14*	0.03	*0.01*
Italy, Mantua	1	**0.0**	*0.04*	–	-	3	**0.1**	*0.09*	0.01	*0.01*
Italy, Milan	2	**0.1**	*0.11*	0.01	*0.01*	17	**0.3**	*0.14*	0.02	*0.01*
Italy, Modena	2	**0.1**	*0.05*	0.00	*0.00*	3	**0.0**	*0.01*	–	-
Italy, Naples	16	**0.9**	*0.24*	0.09	*0.03*	18	**0.9**	*0.25*	0.08	*0.03*
Italy, Nuoro	3	**0.3**	*0.17*	0.03	*0.02*	3	**0.3**	*0.18*	0.02	*0.02*
Italy, Palermo	81	**1.9**	*0.26*	0.15	*0.03*	73	**1.2**	*0.17*	0.11	*0.02*
Italy, Parma	0	**-**	-	–	-	5	**0.1**	*0.03*	–	-
Italy, Ragusa	8	**0.4**	*0.13*	0.02	*0.02*	5	**0.2**	*0.12*	0.01	*0.01*
Italy, Reggio Emilia	3	**0.1**	*0.04*	–	-	9	**0.1**	*0.05*	0.01	*0.01*
Italy, Romagna	40	**0.5**	*0.09*	0.04	*0.01*	45	**0.5**	*0.14*	0.04	*0.01*
Italy, Salerno	23	**0.5**	*0.12*	0.05	*0.01*	21	**0.4**	*0.13*	0.03	*0.01*
Italy, Sassari	4	**0.2**	*0.09*	0.02	*0.01*	2	**0.1**	*0.05*	0.01	*0.01*
Italy, Sondrio	0	**-**	-	–	-	0	**-**	-	–	-
Italy, South Tyrol	3	**0.4**	*0.23*	0.03	*0.02*	2	**0.1**	*0.08*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia unspecified (C95) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	7	**0.4**	*0.18*	0.05	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
Italy, Trapani	5	**0.4**	*0.21*	0.03	*0.02*	3	**0.1**	*0.04*	–	-
Italy, Trento	4	**0.1**	*0.07*	0.01	*0.01*	5	**0.1**	*0.06*	0.01	*0.01*
Italy, Turin	8	**0.2**	*0.07*	0.01	*0.01*	10	**0.1**	*0.02*	–	-
Italy, Umbria	38	**0.8**	*0.16*	0.09	*0.02*	55	**0.8**	*0.15*	0.08	*0.02*
Italy, Varese	11	**0.2**	*0.07*	0.01	*0.01*	9	**0.1**	*0.05*	0.02	*0.01*
Italy, Veneto	28	**0.3**	*0.08*	0.03	*0.01*	33	**0.2**	*0.04*	0.01	*0.00*
Latvia	57	**0.9**	*0.13*	0.10	*0.02*	61	**0.6**	*0.11*	0.05	*0.01*
Lithuania	22	**0.2**	*0.04*	0.02	*0.00*	29	**0.1**	*0.03*	0.02	*0.00*
Malta	0	**-**	-	–	-	2	**0.1**	*0.07*	0.01	*0.01*
*The Netherlands	25	**0.0**	*0.01*	0.00	*0.00*	33	**0.0**	*0.01*	0.00	*0.00*
*The Netherlands, Eindhoven	0	**-**	-	–	-	2	**0.1**	*0.06*	0.01	*0.01*
Norway	34	**0.2**	*0.03*	0.02	*0.00*	37	**0.1**	*0.02*	0.01	*0.00*
Poland, Cracow	8	**0.3**	*0.12*	0.02	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
Poland, Kielce	10	**0.3**	*0.08*	0.02	*0.01*	13	**0.3**	*0.11*	0.03	*0.01*
Poland, Lower Silesia	31	**0.3**	*0.06*	0.04	*0.01*	33	**0.2**	*0.04*	0.02	*0.01*
Poland, Podkarpackie	18	**0.3**	*0.08*	0.03	*0.01*	9	**0.1**	*0.05*	0.01	*0.00*
Portugal, Azores	4	**0.4**	*0.21*	0.03	*0.03*	6	**0.7**	*0.29*	0.05	*0.03*
Russian Federation, Saint Petersburg	82	**0.6**	*0.07*	0.06	*0.01*	127	**0.5**	*0.05*	0.05	*0.01*
*Serbia, Central	105	**0.6**	*0.07*	0.05	*0.01*	80	**0.4**	*0.06*	0.04	*0.00*
Slovakia	45	**0.2**	*0.04*	0.02	*0.00*	52	**0.2**	*0.03*	0.02	*0.00*
Slovenia	8	**0.1**	*0.03*	0.01	*0.00*	19	**0.1**	*0.03*	0.01	*0.01*
Spain, Albacete	4	**0.1**	*0.07*	–	-	4	**0.2**	*0.13*	0.02	*0.01*
Spain, Asturias	25	**0.6**	*0.15*	0.05	*0.01*	29	**0.5**	*0.13*	0.04	*0.01*
Spain, Basque Country	81	**0.8**	*0.12*	0.06	*0.01*	78	**0.5**	*0.09*	0.04	*0.01*
Spain, Canary Islands	23	**0.4**	*0.09*	0.03	*0.01*	23	**0.2**	*0.05*	0.01	*0.01*
Spain, Ciudad Real	12	**0.8**	*0.30*	0.07	*0.03*	12	**0.7**	*0.24*	0.07	*0.03*
Spain, Cuenca	5	**0.2**	*0.10*	–	-	5	**1.2**	*0.79*	0.05	*0.03*
Spain, Girona	6	**0.1**	*0.05*	–	-	13	**0.2**	*0.05*	0.01	*0.01*
*Spain, Granada	3	**0.1**	*0.07*	0.01	*0.01*	3	**0.0**	*0.02*	–	-
Spain, La Rioja	7	**0.4**	*0.19*	0.04	*0.02*	9	**0.4**	*0.15*	0.03	*0.02*
Spain, Mallorca	12	**0.3**	*0.09*	0.01	*0.01*	13	**0.2**	*0.08*	0.02	*0.01*
Spain, Murcia	25	**0.4**	*0.09*	0.03	*0.01*	19	**0.3**	*0.07*	0.02	*0.01*
Spain, Navarra	11	**0.3**	*0.10*	0.01	*0.01*	9	**0.2**	*0.08*	0.01	*0.01*
Spain, Tarragona	18	**0.4**	*0.10*	0.01	*0.01*	22	**0.5**	*0.15*	0.03	*0.01*
*Sweden	94	**0.2**	*0.03*	0.03	*0.00*	137	**0.3**	*0.03*	0.03	*0.00*
Switzerland, Basel	4	**0.1**	*0.06*	–	-	4	**0.1**	*0.06*	0.01	*0.01*
Switzerland, Geneva	2	**0.1**	*0.04*	–	-	3	**0.1**	*0.08*	0.02	*0.01*
Switzerland, Graubünden and Glarus	2	**0.2**	*0.18*	0.02	*0.02*	3	**0.2**	*0.13*	0.02	*0.02*
Switzerland, Neuchâtel	2	**0.2**	*0.16*	0.03	*0.03*	3	**0.2**	*0.11*	0.03	*0.03*
Switzerland, St Gall–Appenzell	7	**0.3**	*0.15*	0.02	*0.01*	1	**0.0**	*0.01*	–	-
Switzerland, Ticino	6	**0.4**	*0.16*	0.03	*0.02*	3	**0.2**	*0.20*	0.01	*0.01*
Switzerland, Valais	1	**0.1**	*0.06*	–	-	6	**0.4**	*0.18*	0.05	*0.03*
Switzerland, Vaud	7	**0.2**	*0.07*	0.00	*0.00*	5	**0.1**	*0.05*	0.02	*0.01*
Switzerland, Zurich	10	**0.3**	*0.13*	0.02	*0.01*	8	**0.3**	*0.15*	0.02	*0.01*
Ukraine	928	**0.7**	*0.03*	0.07	*0.00*	896	**0.5**	*0.02*	0.05	*0.00*
UK, England	571	**0.3**	*0.01*	0.02	*0.00*	478	**0.2**	*0.01*	0.01	*0.00*
UK, England, East of England Region	70	**0.2**	*0.03*	0.02	*0.00*	38	**0.1**	*0.02*	0.01	*0.00*
UK, England, North Western	115	**0.4**	*0.04*	0.04	*0.00*	84	**0.2**	*0.03*	0.02	*0.00*
UK, England, Northern and Yorkshire	29	**0.1**	*0.02*	0.01	*0.00*	35	**0.1**	*0.02*	0.00	*0.00*
UK, England, Oxford Region	11	**0.1**	*0.03*	0.01	*0.00*	11	**0.1**	*0.02*	0.00	*0.00*
UK, England, South and Western Regions	97	**0.3**	*0.03*	0.03	*0.00*	88	**0.2**	*0.03*	0.02	*0.00*
UK, England, Thames	161	**0.4**	*0.03*	0.04	*0.00*	140	**0.3**	*0.03*	0.03	*0.00*
UK, England, Trent	27	**0.2**	*0.04*	0.02	*0.00*	21	**0.1**	*0.03*	0.01	*0.00*
UK, England, West Midlands	51	**0.2**	*0.03*	0.02	*0.00*	50	**0.1**	*0.02*	0.01	*0.00*
UK, Northern Ireland	4	**0.1**	*0.03*	0.01	*0.00*	15	**0.2**	*0.05*	0.01	*0.01*
UK, Scotland	24	**0.1**	*0.02*	0.01	*0.00*	14	**0.0**	*0.02*	0.00	*0.00*
UK, Wales	28	**0.2**	*0.04*	0.01	*0.00*	31	**0.1**	*0.04*	0.01	*0.00*
Oceania										
Australian Capital Territory	3	**0.4**	*0.26*	0.01	*0.01*	1	**0.0**	*0.04*	–	-
Australia, New South Wales	90	**0.3**	*0.04*	0.03	*0.00*	75	**0.2**	*0.03*	0.02	*0.00*
Australia, Northern Territory	1	**0.3**	*0.26*	–	-	2	**0.4**	*0.31*	0.02	*0.02*
Australia, Northern Territory: Indigenous	1	**2.1**	*2.08*	–	-	1	**0.5**	*0.46*	0.04	*0.04*
Australia, Northern Territory: Non–Indigenous	0	**-**	-	–	-	1	**0.5**	*0.50*	0.02	*0.02*
Australia, Queensland	20	**0.2**	*0.04*	0.01	*0.00*	23	**0.1**	*0.04*	0.01	*0.00*
South Australia	8	**0.1**	*0.05*	0.01	*0.01*	5	**0.1**	*0.06*	0.01	*0.00*
Australia, Tasmania	3	**0.1**	*0.08*	0.02	*0.02*	6	**0.2**	*0.08*	0.01	*0.01*
Australia, Victoria	28	**0.1**	*0.03*	0.01	*0.00*	26	**0.1**	*0.02*	0.01	*0.00*
Western Australia	18	**0.2**	*0.06*	0.01	*0.00*	14	**0.1**	*0.04*	0.01	*0.01*
New Zealand	39	**0.2**	*0.04*	0.02	*0.01*	37	**0.2**	*0.04*	0.01	*0.00*
New Zealand: Maori	3	**0.3**	*0.19*	0.02	*0.02*	5	**0.4**	*0.20*	0.04	*0.03*
New Zealand: Pacific Islander	3	**0.7**	*0.43*	0.09	*0.08*	1	**0.2**	*0.18*	–	-
New Zealand: Other	33	**0.2**	*0.04*	0.02	*0.01*	31	**0.2**	*0.04*	0.01	*0.00*
USA, Hawaii	13	**0.3**	*0.09*	0.02	*0.01*	13	**0.2**	*0.07*	0.02	*0.01*
*USA, Hawaii: Chinese	2	**1.0**	*0.76*	0.10	*0.07*	1	**0.1**	*0.10*	–	-
*USA, Hawaii: Filipino	0	**-**	-	–	-	2	**0.2**	*0.17*	0.01	*0.01*
*USA, Hawaii: Hawaiian	2	**0.3**	*0.20*	0.02	*0.01*	2	**0.3**	*0.18*	0.05	*0.04*
*USA, Hawaii: Japanese	4	**0.3**	*0.15*	0.03	*0.02*	4	**0.2**	*0.11*	0.03	*0.02*
*USA, Hawaii: White	5	**0.3**	*0.13*	0.02	*0.02*	4	**0.3**	*0.17*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myelodysplastic syndromes (MDS)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	0	-	-	–	-	0	-	-	–	-
Egypt, Gharbiah	18	**0.2**	*0.06*	0.03	*0.01*	23	**0.3**	*0.06*	0.03	*0.01*
*Libya, Benghazi	3	**0.1**	*0.07*	0.01	*0.01*	0	-	-	–	-
*Malawi, Blantyre	0	-	-	–	-	0	-	-	–	-
*South Africa, PROMEC	0	-	-	–	-	0	-	-	–	-
*Tunisia, North	0	-	-	–	-	0	-	-	–	-
*Uganda, Kyadondo County	0	-	-	–	-	0	-	-	–	-
*Zimbabwe, Harare: African	0	-	-	–	-	0	-	-	–	-
America, Central and South										
Argentina, Bahía Blanca	2	**0.2**	*0.12*	0.02	*0.02*	1	**0.0**	*0.03*	–	-
Argentina, Córdoba	19	**0.7**	*0.17*	0.08	*0.02*	12	**0.3**	*0.10*	0.04	*0.01*
Argentina, Mendoza	44	**1.0**	*0.15*	0.10	*0.02*	52	**0.9**	*0.13*	0.08	*0.02*
*Argentina, Tierra del Fuego	1	**0.3**	*0.28*	0.02	*0.02*	0	-	-	–	-
Brazil, Aracaju	1	**0.2**	*0.16*	0.02	*0.02*	1	**0.1**	*0.09*	–	-
Brazil, Belo Horizonte	1	**0.0**	*0.03*	–	-	3	**0.1**	*0.04*	0.01	*0.01*
Brazil, Cuiabá	0	-	-	–	-	0	-	-	–	-
Brazil, Fortaleza	0	-	-	–	-	1	**0.0**	*0.02*	0.00	*0.00*
Brazil, Goiânia	58	**2.5**	*0.35*	0.22	*0.04*	59	**2.2**	*0.29*	0.24	*0.04*
*Brazil, São Paulo	19	**0.1**	*0.02*	0.01	*0.00*	20	**0.1**	*0.01*	0.00	*0.00*
Chile, Region of Antofagasta	5	**0.5**	*0.24*	0.07	*0.04*	10	**0.7**	*0.22*	0.05	*0.02*
Chile, Bío Bío Province	5	**0.5**	*0.21*	0.08	*0.04*	4	**0.3**	*0.14*	0.02	*0.02*
Chile, Valdivia	13	**1.2**	*0.33*	0.07	*0.03*	15	**1.1**	*0.30*	0.11	*0.04*
Colombia, Bucaramanga	16	**0.7**	*0.18*	0.08	*0.03*	8	**0.3**	*0.11*	0.04	*0.02*
Colombia, Cali	13	**0.3**	*0.08*	0.02	*0.01*	19	**0.3**	*0.07*	0.03	*0.01*
Colombia, Manizales	2	**0.3**	*0.19*	0.05	*0.03*	0	-	-	–	-
Colombia, Pasto	2	**0.3**	*0.22*	0.03	*0.03*	3	**0.3**	*0.16*	0.02	*0.02*
Costa Rica	8	**0.1**	*0.03*	0.00	*0.00*	7	**0.1**	*0.03*	0.01	*0.00*
Cuba, Villa Clara	0	-	-	–	-	0	-	-	–	-
Ecuador, Cuenca	2	**0.2**	*0.17*	0.03	*0.03*	2	**0.1**	*0.08*	0.00	*0.00*
Ecuador, Quito	8	**0.2**	*0.08*	0.01	*0.01*	7	**0.2**	*0.08*	0.03	*0.01*
*France, Martinique	21	**1.4**	*0.31*	0.13	*0.04*	24	**1.0**	*0.24*	0.09	*0.03*
*Jamaica, Kingston and St Andrew	0	-	-	–	-	0	-	-	–	-
USA, Puerto Rico	53	**0.4**	*0.06*	0.04	*0.01*	38	**0.2**	*0.04*	0.03	*0.01*
Uruguay	51	**0.8**	*0.11*	0.08	*0.02*	44	**0.6**	*0.10*	0.06	*0.01*
America, North										
Canada	2993	**2.1**	*0.04*	0.20	*0.01*	2321	**1.2**	*0.03*	0.11	*0.00*
Canada, Alberta	295	**2.5**	*0.15*	0.26	*0.02*	158	**1.1**	*0.10*	0.11	*0.01*
Canada, British Columbia	374	**1.8**	*0.10*	0.19	*0.02*	226	**0.9**	*0.07*	0.08	*0.01*
Canada, Manitoba	184	**3.6**	*0.28*	0.41	*0.04*	135	**1.9**	*0.19*	0.20	*0.03*
Canada, New Brunswick	107	**3.1**	*0.32*	0.30	*0.05*	84	**1.8**	*0.24*	0.21	*0.04*
Canada, Newfoundland and Labrador	30	**1.3**	*0.25*	0.14	*0.04*	26	**1.0**	*0.20*	0.14	*0.04*
*Canada, Northwest Territories	0	-	-	–	-	0	-	-	–	-
Canada, Nova Scotia	65	**1.5**	*0.19*	0.16	*0.03*	62	**1.0**	*0.15*	0.09	*0.02*
Canada, Ontario	525	**1.0**	*0.05*	0.11	*0.01*	367	**0.6**	*0.03*	0.06	*0.00*
Canada, Prince Edward Island	28	**4.6**	*0.89*	0.56	*0.15*	15	**2.2**	*0.65*	0.28	*0.10*
*Canada, Quebec	1291	**3.7**	*0.11*	0.30	*0.01*	1200	**2.3**	*0.08*	0.18	*0.01*
Canada, Saskatchewan	94	**1.9**	*0.22*	0.21	*0.03*	47	**0.8**	*0.14*	0.09	*0.02*
*Canada, Yukon	0	-	-	–	-	1	**1.4**	*1.44*	0.36	*0.36*
USA, NPCR (42 states)	30244	**2.8**	*0.02*	0.28	*0.00*	24387	**1.7**	*0.01*	0.18	*0.00*
USA, NPCR (42 states): American Indian	93	**1.4**	*0.15*	0.15	*0.02*	117	**1.5**	*0.14*	0.18	*0.02*
USA, NPCR (42 states): Asian and Pacific Islander	535	**1.6**	*0.07*	0.15	*0.01*	475	**1.1**	*0.05*	0.10	*0.01*
USA, NPCR (42 states): Black	1577	**1.9**	*0.05*	0.20	*0.01*	1760	**1.4**	*0.03*	0.15	*0.01*
USA, NPCR (42 states): White	27597	**2.9**	*0.02*	0.29	*0.00*	21633	**1.7**	*0.01*	0.18	*0.00*
USA, SEER (9 registries)	3507	**3.2**	*0.06*	0.31	*0.01*	2760	**1.9**	*0.04*	0.19	*0.01*
*USA, SEER (9 registries): Black	209	**2.6**	*0.19*	0.25	*0.03*	213	**1.8**	*0.13*	0.17	*0.02*
*USA, SEER (9 registries): White	3034	**3.3**	*0.06*	0.32	*0.01*	2315	**1.9**	*0.05*	0.20	*0.01*
USA, SEER (18 registries)	9278	**3.0**	*0.03*	0.29	*0.00*	7537	**1.8**	*0.02*	0.19	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	520	**2.1**	*0.10*	0.20	*0.01*	434	**1.3**	*0.07*	0.13	*0.01*
*USA, SEER (18 registries): Black	596	**2.6**	*0.11*	0.27	*0.02*	670	**1.9**	*0.08*	0.21	*0.01*
*USA, SEER (18 registries): Hispanic White	603	**2.1**	*0.09*	0.21	*0.01*	548	**1.5**	*0.07*	0.17	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	7405	**3.1**	*0.04*	0.31	*0.01*	5739	**1.9**	*0.03*	0.19	*0.00*
*USA, SEER (18 registries): White	8008	**3.0**	*0.04*	0.30	*0.01*	6287	**1.8**	*0.03*	0.19	*0.00*
USA, Alabama	396	**2.2**	*0.12*	0.24	*0.02*	321	**1.3**	*0.08*	0.13	*0.01*
USA, Alabama: Black	45	**1.4**	*0.22*	0.15	*0.03*	58	**1.1**	*0.16*	0.11	*0.02*
USA, Alabama: White	346	**2.4**	*0.13*	0.26	*0.02*	260	**1.3**	*0.09*	0.14	*0.01*
USA, Alaska	33	**1.9**	*0.34*	0.18	*0.05*	33	**1.9**	*0.34*	0.23	*0.06*
*USA, Alaska: American Indian	2	**0.9**	*0.63*	0.13	*0.10*	6	**2.1**	*0.89*	0.21	*0.12*
USA, Arizona	590	**2.2**	*0.10*	0.23	*0.02*	442	**1.4**	*0.08*	0.15	*0.01*
USA, Arizona: American Indian	8	**1.3**	*0.45*	0.10	*0.06*	8	**0.9**	*0.34*	0.11	*0.06*
USA, Arizona: Asian and Pacific Islander	4	**1.1**	*0.58*	0.08	*0.08*	5	**1.0**	*0.45*	0.16	*0.09*
USA, Arizona: Black	5	**0.9**	*0.43*	0.13	*0.07*	8	**1.2**	*0.45*	0.16	*0.08*
USA, Arizona: White	571	**2.3**	*0.10*	0.24	*0.02*	418	**1.4**	*0.08*	0.16	*0.01*
USA, Arkansas	339	**2.8**	*0.16*	0.32	*0.03*	255	**1.8**	*0.13*	0.21	*0.02*
USA, Arkansas: Black	19	**1.7**	*0.41*	0.23	*0.07*	30	**2.0**	*0.39*	0.23	*0.06*
USA, Arkansas: White	319	**2.9**	*0.18*	0.33	*0.03*	222	**1.8**	*0.13*	0.21	*0.02*
USA, California	3568	**2.7**	*0.05*	0.26	*0.01*	2735	**1.6**	*0.03*	0.16	*0.01*
USA, California: American Indian	13	**1.2**	*0.34*	0.19	*0.07*	15	**1.0**	*0.28*	0.11	*0.04*
USA, California: Asian and Pacific Islander	313	**1.9**	*0.12*	0.18	*0.02*	279	**1.3**	*0.08*	0.13	*0.01*
USA, California: Black	152	**2.4**	*0.20*	0.26	*0.03*	133	**1.5**	*0.13*	0.16	*0.02*
USA, California: White	2981	**2.7**	*0.05*	0.26	*0.01*	2213	**1.6**	*0.04*	0.16	*0.01*
USA, California, Los Angeles County	859	**2.6**	*0.09*	0.26	*0.01*	724	**1.6**	*0.07*	0.17	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	111	**2.3**	*0.23*	0.26	*0.04*	99	**1.4**	*0.15*	0.13	*0.02*
*USA, California, Los Angeles County: Black	73	**2.7**	*0.32*	0.30	*0.05*	72	**1.8**	*0.22*	0.20	*0.03*
*USA, California, Los Angeles County: Chinese	28	**1.8**	*0.35*	0.19	*0.06*	20	**1.0**	*0.24*	0.09	*0.03*
*USA, California, Los Angeles County: Filipino	30	**3.3**	*0.63*	0.45	*0.11*	29	**1.7**	*0.33*	0.15	*0.05*
*USA, California, Los Angeles County: Hispanic White	139	**1.7**	*0.15*	0.18	*0.02*	136	**1.3**	*0.11*	0.13	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myelodysplastic syndromes (MDS) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	21	**2.1**	*0.57*	0.18	*0.08*	22	**2.2**	*0.60*	0.23	*0.08*
*USA, California, Los Angeles County: Korean	12	**1.9**	*0.55*	0.24	*0.09*	17	**2.0**	*0.55*	0.15	*0.06*
*USA, California, Los Angeles County: Non−Hispanic White	508	**2.9**	*0.14*	0.26	*0.02*	393	**1.8**	*0.11*	0.19	*0.02*
*USA, California, Los Angeles County: White	647	**2.5**	*0.11*	0.23	*0.02*	529	**1.6**	*0.08*	0.17	*0.01*
USA, California, San Francisco Bay Area	434	**2.4**	*0.13*	0.22	*0.02*	327	**1.3**	*0.09*	0.13	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	74	**1.9**	*0.24*	0.13	*0.03*	73	**1.4**	*0.18*	0.15	*0.03*
*USA, California, San Francisco Bay Area: Black	20	**1.5**	*0.34*	0.12	*0.04*	19	**0.9**	*0.23*	0.07	*0.03*
*USA, California, San Francisco Bay Area: Hispanic White	35	**2.6**	*0.45*	0.31	*0.07*	25	**1.3**	*0.27*	0.15	*0.04*
*USA, California, San Francisco Bay Area: Non−Hispanic White	297	**2.6**	*0.16*	0.24	*0.03*	203	**1.3**	*0.12*	0.13	*0.02*
*USA, California, San Francisco Bay Area: White	332	**2.7**	*0.16*	0.25	*0.02*	228	**1.3**	*0.11*	0.13	*0.02*
USA, Colorado	405	**2.5**	*0.13*	0.24	*0.02*	331	**1.5**	*0.09*	0.16	*0.01*
USA, Colorado: Asian and Pacific Islander	3	**1.2**	*0.69*	0.19	*0.13*	6	**1.6**	*0.67*	0.19	*0.11*
USA, Colorado: Black	7	**1.7**	*0.66*	0.17	*0.09*	6	**0.9**	*0.38*	0.06	*0.05*
USA, Colorado: White	386	**2.5**	*0.13*	0.23	*0.02*	306	**1.5**	*0.10*	0.16	*0.01*
USA, Connecticut	417	**2.8**	*0.15*	0.28	*0.02*	348	**1.6**	*0.10*	0.17	*0.02*
*USA, Connecticut: Black	23	**2.6**	*0.55*	0.22	*0.06*	18	**1.6**	*0.39*	0.18	*0.06*
*USA, Connecticut: White	389	**2.8**	*0.15*	0.28	*0.02*	324	**1.6**	*0.11*	0.16	*0.02*
USA, Delaware	90	**2.5**	*0.27*	0.30	*0.05*	58	**1.3**	*0.20*	0.13	*0.03*
USA, Delaware: Black	14	**3.3**	*0.91*	0.34	*0.14*	8	**1.6**	*0.61*	0.18	*0.08*
USA, Delaware: White	75	**2.4**	*0.29*	0.29	*0.05*	50	**1.2**	*0.19*	0.12	*0.03*
USA, Florida	3406	**3.4**	*0.07*	0.35	*0.01*	2779	**2.2**	*0.05*	0.23	*0.01*
USA, Florida: Asian and Pacific Islander	16	**1.6**	*0.40*	0.17	*0.06*	6	**0.3**	*0.14*	0.02	*0.02*
USA, Florida: Black	135	**2.1**	*0.18*	0.23	*0.03*	172	**1.7**	*0.14*	0.18	*0.02*
USA, Florida: White	3219	**3.4**	*0.07*	0.36	*0.01*	2574	**2.2**	*0.05*	0.24	*0.01*
USA, Georgia	649	**2.3**	*0.09*	0.25	*0.01*	627	**1.6**	*0.07*	0.16	*0.01*
USA, Georgia: Asian and Pacific Islander	3	**0.7**	*0.39*	0.07	*0.05*	3	**0.5**	*0.29*	0.06	*0.05*
USA, Georgia: Black	114	**2.2**	*0.21*	0.24	*0.03*	140	**1.6**	*0.14*	0.16	*0.02*
USA, Georgia: White	527	**2.4**	*0.11*	0.25	*0.02*	482	**1.6**	*0.08*	0.16	*0.01*
USA, Georgia, Atlanta	164	**2.0**	*0.16*	0.22	*0.03*	148	**1.2**	*0.10*	0.10	*0.01*
*USA, Georgia, Atlanta: Black	33	**1.8**	*0.32*	0.20	*0.05*	36	**1.0**	*0.18*	0.09	*0.02*
*USA, Georgia, Atlanta: White	126	**2.1**	*0.20*	0.24	*0.03*	109	**1.2**	*0.13*	0.11	*0.02*
USA, Idaho	173	**3.0**	*0.24*	0.34	*0.04*	133	**1.9**	*0.19*	0.21	*0.03*
USA, Illinois	1398	**2.8**	*0.08*	0.28	*0.01*	1131	**1.7**	*0.06*	0.19	*0.01*
USA, Illinois: Asian and Pacific Islander	19	**1.4**	*0.32*	0.09	*0.03*	14	**0.8**	*0.22*	0.07	*0.03*
USA, Illinois: Black	98	**2.1**	*0.22*	0.25	*0.03*	97	**1.3**	*0.14*	0.15	*0.02*
USA, Illinois: White	1267	**2.9**	*0.09*	0.29	*0.01*	1008	**1.8**	*0.07*	0.19	*0.01*
USA, Indiana	698	**2.8**	*0.11*	0.29	*0.02*	612	**1.9**	*0.09*	0.21	*0.01*
USA, Indiana: Black	22	**1.5**	*0.33*	0.10	*0.04*	31	**1.7**	*0.33*	0.26	*0.06*
USA, Indiana: White	665	**2.8**	*0.12*	0.30	*0.02*	565	**1.9**	*0.09*	0.21	*0.01*
USA, Iowa	515	**3.6**	*0.17*	0.35	*0.03*	405	**2.0**	*0.12*	0.21	*0.02*
USA, Kentucky	488	**2.9**	*0.14*	0.30	*0.02*	496	**2.2**	*0.11*	0.23	*0.02*
USA, Louisiana	439	**3.4**	*0.17*	0.34	*0.02*	406	**2.4**	*0.13*	0.26	*0.02*
*USA, Louisiana: Black	75	**2.7**	*0.33*	0.31	*0.05*	91	**2.3**	*0.25*	0.26	*0.04*
*USA, Louisiana: White	362	**3.6**	*0.20*	0.35	*0.03*	311	**2.4**	*0.16*	0.27	*0.02*
*USA, Louisiana, New Orleans	75	**3.0**	*0.37*	0.28	*0.05*	53	**1.7**	*0.27*	0.21	*0.04*
*USA, Louisiana, New Orleans: Black	14	**2.1**	*0.59*	0.24	*0.09*	18	**1.9**	*0.47*	0.23	*0.07*
*USA, Louisiana, New Orleans: White	60	**3.3**	*0.49*	0.31	*0.06*	35	**1.7**	*0.41*	0.20	*0.05*
USA, Maine	230	**3.7**	*0.26*	0.38	*0.04*	135	**1.6**	*0.16*	0.17	*0.02*
USA, Massachusetts	766	**2.8**	*0.11*	0.29	*0.02*	597	**1.6**	*0.08*	0.17	*0.01*
USA, Massachusetts: Asian and Pacific Islander	6	**0.7**	*0.30*	0.01	*0.01*	4	**0.5**	*0.28*	0.08	*0.05*
USA, Massachusetts: Black	9	**0.9**	*0.32*	0.11	*0.05*	17	**1.1**	*0.29*	0.13	*0.04*
USA, Massachusetts: White	744	**2.9**	*0.11*	0.30	*0.02*	570	**1.6**	*0.08*	0.18	*0.01*
USA, Michigan	1436	**3.4**	*0.10*	0.34	*0.01*	1180	**2.1**	*0.07*	0.21	*0.01*
USA, Michigan: Asian and Pacific Islander	2	**0.4**	*0.28*	0.02	*0.02*	7	**1.2**	*0.47*	0.09	*0.05*
USA, Michigan: Black	129	**3.3**	*0.30*	0.33	*0.04*	132	**2.3**	*0.22*	0.25	*0.03*
USA, Michigan: White	1282	**3.4**	*0.10*	0.33	*0.02*	1013	**2.0**	*0.07*	0.20	*0.01*
USA, Michigan, Detroit	670	**4.2**	*0.17*	0.41	*0.03*	560	**2.5**	*0.12*	0.24	*0.02*
*USA, Michigan, Detroit: Black	110	**3.7**	*0.37*	0.36	*0.05*	114	**2.6**	*0.27*	0.26	*0.04*
*USA, Michigan, Detroit: White	549	**4.3**	*0.20*	0.42	*0.03*	434	**2.4**	*0.14*	0.24	*0.02*
USA, Mississippi	206	**2.0**	*0.14*	0.22	*0.02*	180	**1.3**	*0.11*	0.14	*0.01*
USA, Missouri	710	**2.8**	*0.11*	0.29	*0.02*	518	**1.6**	*0.08*	0.18	*0.01*
USA, Missouri: Black	35	**2.3**	*0.39*	0.26	*0.06*	34	**1.3**	*0.25*	0.17	*0.04*
USA, Missouri: White	665	**2.9**	*0.12*	0.29	*0.02*	471	**1.6**	*0.09*	0.17	*0.01*
USA, Montana	122	**2.5**	*0.24*	0.22	*0.04*	108	**1.7**	*0.19*	0.15	*0.03*
USA, Montana: American Indian	4	**3.4**	*1.70*	0.36	*0.27*	7	**4.2**	*1.63*	0.34	*0.20*
USA, Nebraska	206	**2.8**	*0.21*	0.28	*0.03*	146	**1.5**	*0.15*	0.15	*0.02*
USA, Nebraska: Black	3	**2.2**	*1.28*	0.21	*0.15*	5	**3.0**	*1.37*	0.50	*0.24*
USA, Nebraska: White	191	**2.6**	*0.21*	0.26	*0.03*	138	**1.5**	*0.15*	0.14	*0.02*
USA, New Hampshire	181	**3.3**	*0.26*	0.34	*0.04*	121	**1.7**	*0.18*	0.18	*0.03*
USA, New Jersey	1232	**3.5**	*0.11*	0.36	*0.02*	985	**2.1**	*0.08*	0.23	*0.01*
*USA, New Jersey: Black	81	**2.5**	*0.29*	0.26	*0.04*	123	**2.6**	*0.25*	0.30	*0.04*
*USA, New Jersey: White	1103	**3.6**	*0.12*	0.37	*0.02*	836	**2.0**	*0.08*	0.22	*0.01*
USA, New Mexico	187	**2.4**	*0.19*	0.24	*0.03*	140	**1.6**	*0.15*	0.19	*0.02*
*USA, New Mexico: Hispanic White	53	**2.3**	*0.32*	0.20	*0.04*	42	**1.5**	*0.25*	0.18	*0.04*
*USA, New Mexico: Non−Hispanic White	128	**2.8**	*0.27*	0.29	*0.04*	92	**1.9**	*0.24*	0.22	*0.03*
*USA, New Mexico: White	181	**2.6**	*0.21*	0.26	*0.03*	134	**1.7**	*0.17*	0.20	*0.02*
USA, New York State	2787	**3.4**	*0.07*	0.32	*0.01*	2452	**2.1**	*0.05*	0.21	*0.01*
USA, New York State: Asian and Pacific Islander	57	**1.6**	*0.21*	0.15	*0.03*	48	**1.1**	*0.16*	0.10	*0.02*
USA, New York State: Black	162	**1.9**	*0.15*	0.20	*0.02*	190	**1.4**	*0.10*	0.16	*0.02*
USA, New York State: White	2543	**3.6**	*0.08*	0.35	*0.01*	2186	**2.2**	*0.06*	0.22	*0.01*
USA, North Carolina	670	**2.0**	*0.08*	0.22	*0.01*	510	**1.1**	*0.06*	0.12	*0.01*
USA, North Carolina: American Indian	9	**3.4**	*1.15*	0.36	*0.18*	16	**4.4**	*1.16*	0.55	*0.18*
USA, North Carolina: Asian and Pacific Islander	2	**0.5**	*0.40*	0.01	*0.01*	0	**-**	-	–	-
USA, North Carolina: Black	68	**1.4**	*0.18*	0.16	*0.03*	92	**1.2**	*0.13*	0.14	*0.02*
USA, North Carolina: White	584	**2.1**	*0.09*	0.23	*0.01*	396	**1.1**	*0.06*	0.11	*0.01*
USA, North Dakota	137	**4.4**	*0.42*	0.41	*0.06*	71	**2.0**	*0.28*	0.25	*0.05*
USA, Ohio	860	**1.8**	*0.06*	0.18	*0.01*	713	**1.1**	*0.05*	0.13	*0.01*
USA, Ohio: Asian and Pacific Islander	3	**0.9**	*0.51*	0.16	*0.11*	0	**-**	-	–	-
USA, Ohio: Black	48	**1.2**	*0.18*	0.12	*0.03*	80	**1.4**	*0.17*	0.17	*0.03*
USA, Ohio: White	802	**1.8**	*0.07*	0.19	*0.01*	622	**1.1**	*0.05*	0.12	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myelodysplastic syndromes (MDS) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	286	**1.9**	*0.12*	0.20	*0.02*	215	**1.1**	*0.09*	0.13	*0.01*
USA, Oklahoma: American Indian	23	**2.8**	*0.60*	0.27	*0.09*	12	**1.4**	*0.42*	0.27	*0.08*
USA, Oklahoma: Black	7	**1.0**	*0.39*	0.14	*0.07*	10	**0.9**	*0.30*	0.09	*0.05*
USA, Oklahoma: White	250	**1.9**	*0.13*	0.20	*0.02*	182	**1.0**	*0.09*	0.11	*0.01*
USA, Oregon	314	**1.9**	*0.12*	0.19	*0.02*	237	**1.2**	*0.09*	0.14	*0.01*
USA, Oregon: Asian and Pacific Islander	3	**1.2**	*0.67*	0.22	*0.13*	2	**0.3**	*0.25*	0.02	*0.02*
USA, Oregon: Black	1	**0.9**	*0.87*	–	-	3	**1.3**	*0.80*	0.11	*0.08*
USA, Oregon: White	307	**2.0**	*0.12*	0.19	*0.02*	226	**1.2**	*0.09*	0.14	*0.01*
USA, Pennsylvania	1998	**3.3**	*0.08*	0.32	*0.01*	1610	**1.9**	*0.06*	0.19	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	6	**1.1**	*0.43*	0.07	*0.05*	4	**0.4**	*0.23*	0.05	*0.04*
USA, Pennsylvania: Black	75	**1.9**	*0.24*	0.15	*0.03*	96	**1.8**	*0.20*	0.17	*0.03*
USA, Pennsylvania: White	1886	**3.3**	*0.08*	0.33	*0.01*	1492	**1.9**	*0.06*	0.19	*0.01*
USA, Rhode Island	107	**2.4**	*0.24*	0.28	*0.04*	105	**1.4**	*0.17*	0.14	*0.03*
USA, Rhode Island: Black	2	**1.4**	*1.02*	0.22	*0.22*	3	**1.5**	*0.89*	0.20	*0.16*
USA, Rhode Island: White	104	**2.4**	*0.25*	0.28	*0.04*	100	**1.4**	*0.17*	0.13	*0.03*
USA, South Carolina	394	**2.3**	*0.12*	0.24	*0.02*	330	**1.5**	*0.09*	0.16	*0.01*
USA, South Carolina: Black	53	**1.8**	*0.25*	0.21	*0.04*	67	**1.4**	*0.19*	0.18	*0.03*
USA, South Carolina: White	338	**2.5**	*0.14*	0.25	*0.02*	254	**1.5**	*0.10*	0.15	*0.01*
USA, South Dakota	105	**2.5**	*0.27*	0.20	*0.04*	84	**2.1**	*0.26*	0.25	*0.04*
USA, Tennessee	450	**1.9**	*0.10*	0.18	*0.01*	352	**1.1**	*0.07*	0.11	*0.01*
USA, Tennessee: Black	31	**1.3**	*0.25*	0.13	*0.04*	27	**0.7**	*0.15*	0.06	*0.02*
USA, Tennessee: White	415	**2.0**	*0.11*	0.19	*0.01*	323	**1.1**	*0.08*	0.12	*0.01*
USA, Texas	2675	**3.5**	*0.07*	0.35	*0.01*	2318	**2.3**	*0.05*	0.25	*0.01*
USA, Texas: Asian and Pacific Islander	18	**1.2**	*0.30*	0.10	*0.04*	22	**1.1**	*0.23*	0.10	*0.03*
USA, Texas: Black	170	**2.8**	*0.22*	0.30	*0.03*	148	**1.6**	*0.14*	0.15	*0.02*
USA, Texas: White	2449	**3.6**	*0.08*	0.35	*0.01*	2104	**2.4**	*0.06*	0.26	*0.01*
USA, Utah	195	**2.5**	*0.19*	0.24	*0.03*	122	**1.3**	*0.13*	0.15	*0.02*
USA, Vermont	69	**2.7**	*0.34*	0.24	*0.04*	50	**1.5**	*0.25*	0.18	*0.04*
USA, Virginia	408	**1.5**	*0.08*	0.14	*0.01*	315	**0.8**	*0.05*	0.09	*0.01*
USA, Virginia: Asian and Pacific Islander	5	**0.6**	*0.25*	0.05	*0.04*	3	**0.2**	*0.14*	0.02	*0.01*
USA, Virginia: Black	48	**1.2**	*0.18*	0.11	*0.02*	30	**0.5**	*0.10*	0.06	*0.02*
USA, Virginia: White	348	**1.5**	*0.09*	0.15	*0.01*	278	**0.9**	*0.06*	0.10	*0.01*
USA, Washington State	1002	**3.9**	*0.13*	0.37	*0.02*	811	**2.6**	*0.10*	0.27	*0.02*
USA, Washington, Seattle	790	**4.5**	*0.17*	0.42	*0.03*	605	**2.8**	*0.13*	0.29	*0.02*
USA, West Virginia	233	**2.7**	*0.20*	0.25	*0.03*	224	**2.1**	*0.16*	0.23	*0.02*
USA, Wisconsin	823	**3.5**	*0.13*	0.39	*0.02*	569	**1.8**	*0.09*	0.19	*0.01*
USA, Wisconsin: Black	9	**1.2**	*0.39*	0.08	*0.03*	9	**1.0**	*0.34*	0.10	*0.05*
USA, Wisconsin: White	775	**3.4**	*0.13*	0.39	*0.02*	522	**1.7**	*0.09*	0.19	*0.01*
USA, Wyoming	37	**1.8**	*0.31*	0.23	*0.05*	26	**1.0**	*0.23*	0.11	*0.03*
Asia										
Bahrain: Bahraini	6	**0.8**	*0.34*	0.05	*0.03*	0	**-**	-	–	-
China, Beijing City	0	**-**	-	–	-	0	**-**	-	–	-
*China, Cixian County	0	**-**	-	–	-	0	**-**	-	–	-
China, Haining County	1	**0.1**	*0.05*	0.01	*0.01*	3	**0.2**	*0.12*	0.01	*0.01*
*China, Harbin City, Nangang District	0	**-**	-	–	-	0	**-**	-	–	-
China, Hong Kong	0	**-**	-	–	-	0	**-**	-	–	-
China, Jiashan County	0	**-**	-	–	-	0	**-**	-	–	-
China, Jiaxing City	0	**-**	-	–	-	0	**-**	-	–	-
China, Macao	3	**0.2**	*0.13*	0.04	*0.03*	3	**0.2**	*0.12*	0.01	*0.01*
China, Qidong County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Shanghai City	0	**-**	-	–	-	1	**0.0**	*0.00*	0.00	*0.00*
*China, Wuhan City	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yangcheng County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Yanting County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Zhongshan City	11	**0.4**	*0.12*	0.05	*0.02*	9	**0.2**	*0.08*	0.02	*0.01*
*India, Bangalore	14	**0.2**	*0.05*	0.02	*0.01*	10	**0.1**	*0.05*	0.02	*0.01*
*India; Barshi, Paranda, and Bhum	0	**-**	-	–	-	1	**0.1**	*0.07*	0.01	*0.01*
*India, Bhopal	0	**-**	-	–	-	0	**-**	-	–	-
*India, Chennai	1	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	–	-
*India, Dindigul, Ambilikkai	0	**-**	-	–	-	0	**-**	-	–	-
*India, Karunagappally	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mizoram	0	**-**	-	–	-	0	**-**	-	–	-
*India, Mumbai	0	**-**	-	–	-	0	**-**	-	–	-
*India, New Delhi	1	**0.0**	*0.00*	0.00	*0.00*	0	**-**	-	–	-
*India, Poona	0	**-**	-	–	-	1	**0.0**	*0.01*	0.00	*0.00*
*India, Sikkim State	0	**-**	-	–	-	0	**-**	-	–	-
*India, Trivandrum	1	**0.1**	*0.05*	0.00	*0.00*	0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province	1	**0.1**	*0.08*	0.01	*0.01*	4	**0.2**	*0.12*	0.02	*0.01*
Israel	419	**1.9**	*0.10*	0.17	*0.01*	349	**1.2**	*0.07*	0.11	*0.01*
*Israel: Jews	401	**1.9**	*0.10*	0.18	*0.01*	332	**1.2**	*0.08*	0.11	*0.01*
*Israel: Non–Jews	18	**1.0**	*0.25*	0.12	*0.04*	17	**0.9**	*0.22*	0.12	*0.04*
Japan, Aichi Prefecture	131	**2.0**	*0.19*	0.18	*0.02*	92	**1.0**	*0.11*	0.07	*0.02*
Japan, Fukui Prefecture	112	**2.2**	*0.23*	0.25	*0.03*	64	**1.0**	*0.19*	0.10	*0.02*
Japan, Hiroshima	107	**1.7**	*0.17*	0.15	*0.02*	73	**1.0**	*0.15*	0.08	*0.02*
Japan, Miyagi Prefecture	226	**1.5**	*0.11*	0.15	*0.02*	137	**0.7**	*0.09*	0.05	*0.01*
Japan, Nagasaki Prefecture	211	**2.4**	*0.20*	0.23	*0.02*	178	**1.8**	*0.20*	0.17	*0.02*
Japan, Niigata Prefecture	107	**0.6**	*0.08*	0.06	*0.01*	73	**0.3**	*0.05*	0.03	*0.01*
*Japan, Osaka Prefecture	573	**1.2**	*0.06*	0.12	*0.01*	301	**0.4**	*0.03*	0.04	*0.00*
Japan, Saga Prefecture	88	**1.5**	*0.18*	0.15	*0.03*	82	**1.0**	*0.16*	0.11	*0.02*
Republic of Korea	1368	**1.1**	*0.03*	0.12	*0.00*	918	**0.6**	*0.02*	0.07	*0.00*
Republic of Korea, Busan	94	**1.0**	*0.11*	0.11	*0.01*	65	**0.5**	*0.07*	0.06	*0.01*
Republic of Korea, Daegu	69	**1.2**	*0.15*	0.13	*0.02*	44	**0.6**	*0.09*	0.07	*0.01*
Republic of Korea, Daejeon	30	**0.9**	*0.17*	0.11	*0.03*	18	**0.4**	*0.10*	0.05	*0.02*
Republic of Korea, Gwangju	38	**1.2**	*0.19*	0.16	*0.03*	37	**0.9**	*0.16*	0.12	*0.02*
Republic of Korea, Incheon	59	**1.0**	*0.14*	0.12	*0.02*	60	**0.8**	*0.11*	0.11	*0.02*
Republic of Korea, Jejudo	5	**0.4**	*0.19*	0.05	*0.03*	5	**0.3**	*0.13*	0.03	*0.02*
Republic of Korea, Seoul	242	**1.0**	*0.07*	0.11	*0.01*	159	**0.5**	*0.04*	0.06	*0.01*
Republic of Korea, Ulsan	17	**0.8**	*0.21*	0.09	*0.03*	24	**0.9**	*0.19*	0.09	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myelodysplastic syndromes (MDS) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	10	**0.2**	*0.10*	0.01	*0.00*	6	**0.2**	*0.09*	0.02	*0.01*
*Kuwait: Kuwaitis	5	**0.3**	*0.13*	0.02	*0.01*	5	**0.3**	*0.14*	0.04	*0.02*
*Kuwait: Non−Kuwaitis	5	**0.4**	*0.29*	0.00	*0.00*	1	**0.1**	*0.05*	0.00	*0.00*
*Malaysia, Penang	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Chinese	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	0	**-**	-	–	-	0	**-**	-	–	-
*Philippines, Manila	2	**0.0**	*0.02*	0.01	*0.01*	0	**-**	-	–	-
*Philippines, Rizal	16	**0.2**	*0.06*	0.03	*0.01*	17	**0.1**	*0.04*	0.01	*0.00*
Qatar: Qatari	4	**1.4**	*0.72*	0.14	*0.09*	1	**0.5**	*0.47*	0.12	*0.12*
*Saudi Arabia, Riyadh: Saudi	6	**0.1**	*0.05*	0.01	*0.01*	11	**0.2**	*0.08*	0.03	*0.01*
Singapore	64	**0.7**	*0.09*	0.07	*0.01*	39	**0.3**	*0.06*	0.03	*0.01*
Singapore: Chinese	52	**0.7**	*0.10*	0.07	*0.01*	33	**0.3**	*0.06*	0.03	*0.01*
Singapore: Indian	4	**0.6**	*0.34*	0.10	*0.05*	3	**0.5**	*0.29*	0.04	*0.03*
Singapore: Malay	3	**0.4**	*0.22*	0.05	*0.03*	3	**0.2**	*0.13*	0.02	*0.01*
Thailand, Bangkok	0	**-**	-	–	-	0	**-**	-	–	-
Thailand, Chiang Mai	25	**0.6**	*0.14*	0.07	*0.02*	31	**0.6**	*0.12*	0.07	*0.02*
Thailand, Chonburi	20	**0.8**	*0.18*	0.08	*0.02*	22	**0.7**	*0.14*	0.08	*0.02*
*Thailand, Khon Kaen	13	**0.3**	*0.09*	0.05	*0.02*	10	**0.2**	*0.07*	0.03	*0.01*
Thailand, Lampang	2	**0.1**	*0.06*	0.02	*0.01*	1	**0.0**	*0.02*	–	-
*Thailand, Songkhla	1	**0.0**	*0.03*	–	-	0	**-**	-	–	-
*Turkey, Antalya	97	**2.7**	*0.28*	0.36	*0.04*	84	**2.2**	*0.25*	0.27	*0.04*
*Turkey, Edirne	4	**0.3**	*0.16*	–	-	4	**0.3**	*0.16*	0.03	*0.02*
*Turkey, Izmir	92	**1.0**	*0.11*	0.12	*0.02*	79	**0.7**	*0.08*	0.07	*0.01*
*Turkey, Trabzon	11	**1.0**	*0.31*	0.17	*0.05*	14	**1.0**	*0.28*	0.09	*0.03*
Europe										
Austria	317	**0.8**	*0.05*	0.08	*0.01*	296	**0.6**	*0.04*	0.06	*0.01*
Austria, Tyrol	68	**2.3**	*0.29*	0.22	*0.04*	60	**1.4**	*0.21*	0.15	*0.03*
Austria, Vorarlberg	0	**-**	-	–	-	0	**-**	-	–	-
*Belarus	0	**-**	-	–	-	0	**-**	-	–	-
*Belgium	1049	**2.6**	*0.09*	0.28	*0.01*	786	**1.5**	*0.06*	0.16	*0.01*
Bulgaria	101	**0.3**	*0.03*	0.03	*0.00*	68	**0.1**	*0.02*	0.02	*0.00*
Croatia	0	**-**	-	–	-	0	**-**	-	–	-
Cyprus	30	**1.0**	*0.18*	0.11	*0.03*	20	**0.5**	*0.12*	0.05	*0.02*
Czech Republic	1	**0.0**	*0.00*	0.00	*0.00*	0	**-**	-	–	-
Denmark	0	**-**	-	–	-	0	**-**	-	–	-
*Estonia	20	**0.4**	*0.10*	0.04	*0.01*	18	**0.2**	*0.04*	0.02	*0.01*
Finland	0	**-**	-	–	-	0	**-**	-	–	-
*France, Bas−Rhin	119	**2.5**	*0.24*	0.24	*0.04*	105	**1.6**	*0.18*	0.16	*0.03*
*France, Calvados	140	**4.3**	*0.39*	0.40	*0.06*	124	**2.4**	*0.28*	0.20	*0.04*
*France, Doubs	77	**3.2**	*0.39*	0.29	*0.05*	77	**2.1**	*0.28*	0.19	*0.04*
*France, Haut−Rhin	83	**2.6**	*0.31*	0.27	*0.04*	72	**1.3**	*0.18*	0.15	*0.03*
*France, Hérault	139	**2.3**	*0.21*	0.20	*0.03*	128	**1.4**	*0.15*	0.13	*0.02*
*France, Isère	145	**2.7**	*0.24*	0.25	*0.03*	122	**1.6**	*0.17*	0.16	*0.03*
*France, Loire−Atlantique	144	**2.5**	*0.22*	0.21	*0.03*	97	**1.2**	*0.15*	0.13	*0.02*
*France, Manche	80	**2.8**	*0.36*	0.23	*0.04*	83	**2.0**	*0.26*	0.24	*0.04*
*France, Somme	79	**3.0**	*0.36*	0.34	*0.06*	72	**1.6**	*0.23*	0.15	*0.03*
*France, Tarn	101	**3.6**	*0.42*	0.31	*0.06*	76	**1.9**	*0.29*	0.18	*0.04*
*France, Vendée	49	**1.4**	*0.23*	0.16	*0.03*	29	**0.6**	*0.13*	0.09	*0.02*
Germany, Brandenburg	0	**-**	-	–	-	0	**-**	-	–	-
Germany, Bremen	73	**1.9**	*0.24*	0.21	*0.04*	83	**1.3**	*0.18*	0.13	*0.02*
Germany, Free State of Saxony	0	**-**	-	–	-	0	**-**	-	–	-
Germany, Hamburg	144	**1.6**	*0.14*	0.18	*0.02*	127	**1.0**	*0.11*	0.08	*0.01*
Germany, Mecklenburg−Western Pomerania	0	**-**	-	–	-	0	**-**	-	–	-
Germany, Munich	1	**0.0**	*0.00*	–	-	1	**0.0**	*0.01*	0.00	*0.00*
Germany, North Rhine−Westphalia	0	**-**	-	–	-	0	**-**	-	–	-
Germany, Saarland	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
Germany, Schleswig−Holstein	258	**1.7**	*0.12*	0.15	*0.01*	225	**1.1**	*0.10*	0.09	*0.01*
Iceland	20	**2.0**	*0.49*	0.23	*0.07*	14	**0.9**	*0.28*	0.07	*0.03*
Ireland	349	**2.3**	*0.13*	0.23	*0.02*	249	**1.2**	*0.09*	0.13	*0.01*
Italy, Biella	38	**3.1**	*0.53*	0.36	*0.08*	28	**1.4**	*0.32*	0.17	*0.05*
Italy, Brescia	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Catania and Messina	51	**1.0**	*0.15*	0.13	*0.02*	31	**0.5**	*0.09*	0.06	*0.01*
Italy, Catanzaro	41	**3.4**	*0.59*	0.38	*0.08*	25	**1.9**	*0.43*	0.22	*0.06*
Italy, Como	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Ferrara	60	**2.2**	*0.32*	0.20	*0.04*	64	**1.6**	*0.26*	0.17	*0.04*
Italy, Florence and Prato	145	**3.5**	*0.39*	0.30	*0.04*	179	**2.4**	*0.22*	0.21	*0.03*
Italy, Friuli−Venezia Giulia	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Genoa	144	**2.7**	*0.26*	0.24	*0.03*	132	**2.2**	*0.29*	0.22	*0.03*
Italy, Latina	33	**1.4**	*0.28*	0.16	*0.04*	26	**0.8**	*0.18*	0.10	*0.03*
Italy, Lecco	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Lombardy, South	29	**1.2**	*0.23*	0.13	*0.03*	19	**0.8**	*0.29*	0.07	*0.02*
Italy, Mantua	0	**-**	-	–	-	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Milan	0	**-**	-	–	-	1	**0.0**	*0.00*	–	-
Italy, Modena	89	**2.1**	*0.24*	0.23	*0.04*	56	**1.1**	*0.25*	0.13	*0.03*
Italy, Naples	22	**1.2**	*0.27*	0.16	*0.04*	28	**1.1**	*0.22*	0.14	*0.04*
Italy, Nuoro	35	**2.3**	*0.43*	0.23	*0.06*	17	**1.0**	*0.28*	0.13	*0.04*
Italy, Palermo	50	**1.1**	*0.16*	0.13	*0.02*	30	**0.6**	*0.12*	0.07	*0.02*
Italy, Parma	43	**1.5**	*0.25*	0.17	*0.04*	54	**1.2**	*0.23*	0.08	*0.02*
Italy, Ragusa	47	**3.4**	*0.54*	0.42	*0.08*	30	**1.7**	*0.36*	0.22	*0.05*
Italy, Reggio Emilia	35	**1.1**	*0.20*	0.13	*0.03*	24	**0.5**	*0.12*	0.04	*0.02*
Italy, Romagna	166	**1.9**	*0.17*	0.16	*0.02*	155	**1.6**	*0.17*	0.15	*0.02*
Italy, Salerno	94	**1.6**	*0.18*	0.18	*0.03*	72	**0.9**	*0.13*	0.10	*0.02*
Italy, Sassari	41	**1.5**	*0.25*	0.12	*0.03*	27	**1.2**	*0.33*	0.10	*0.03*
Italy, Sondrio	23	**2.5**	*0.56*	0.16	*0.05*	17	**1.1**	*0.32*	0.09	*0.04*
Italy, South Tyrol	46	**2.2**	*0.34*	0.15	*0.04*	48	**1.7**	*0.31*	0.17	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myelodysplastic syndromes (MDS) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	16	**0.7**	*0.18*	0.08	*0.03*	18	**0.8**	*0.21*	0.10	*0.03*
Italy, Trapani	13	**0.8**	*0.25*	0.09	*0.03*	16	**0.6**	*0.19*	0.07	*0.03*
Italy, Trento	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Turin	116	**1.8**	*0.18*	0.21	*0.03*	68	**0.9**	*0.13*	0.11	*0.02*
Italy, Umbria	51	**0.8**	*0.13*	0.08	*0.02*	42	**0.5**	*0.11*	0.06	*0.01*
Italy, Varese	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Veneto	160	**1.6**	*0.13*	0.16	*0.02*	133	**0.9**	*0.10*	0.09	*0.01*
Latvia	0	**-**	-	–	-	0	**-**	-	–	-
Lithuania	149	**1.2**	*0.10*	0.15	*0.02*	174	**0.8**	*0.07*	0.09	*0.01*
Malta	13	**0.7**	*0.20*	0.04	*0.02*	14	**0.6**	*0.18*	0.09	*0.03*
*The Netherlands	1482	**2.1**	*0.06*	0.22	*0.01*	1037	**1.1**	*0.04*	0.12	*0.01*
*The Netherlands, Eindhoven	81	**1.8**	*0.20*	0.19	*0.03*	55	**0.9**	*0.14*	0.11	*0.02*
Norway	338	**1.5**	*0.09*	0.16	*0.01*	250	**0.8**	*0.06*	0.07	*0.01*
Poland, Cracow	16	**0.6**	*0.15*	0.03	*0.01*	20	**0.5**	*0.11*	0.04	*0.01*
Poland, Kielce	0	**-**	-	–	-	0	**-**	-	–	-
Poland, Lower Silesia	0	**-**	-	–	-	0	**-**	-	–	-
Poland, Podkarpackie	0	**-**	-	–	-	0	**-**	-	–	-
Portugal, Azores	13	**1.5**	*0.44*	0.18	*0.07*	14	**1.3**	*0.38*	0.13	*0.05*
Russian Federation, Saint Petersburg	0	**-**	-	–	-	0	**-**	-	–	-
*Serbia, Central	11	**0.0**	*0.01*	0.00	*0.00*	11	**0.0**	*0.01*	0.00	*0.00*
Slovakia	287	**1.6**	*0.10*	0.17	*0.01*	301	**1.0**	*0.07*	0.11	*0.01*
Slovenia	153	**1.8**	*0.15*	0.19	*0.02*	152	**1.1**	*0.10*	0.11	*0.01*
Spain, Albacete	60	**2.3**	*0.33*	0.23	*0.05*	31	**1.1**	*0.23*	0.09	*0.03*
Spain, Asturias	68	**1.0**	*0.15*	0.08	*0.02*	55	**0.7**	*0.17*	0.05	*0.01*
Spain, Basque Country	292	**2.4**	*0.15*	0.23	*0.02*	210	**1.2**	*0.10*	0.12	*0.01*
Spain, Canary Islands	36	**0.7**	*0.12*	0.07	*0.02*	32	**0.5**	*0.11*	0.06	*0.01*
Spain, Ciudad Real	41	**1.5**	*0.27*	0.14	*0.04*	16	**0.6**	*0.20*	0.06	*0.02*
Spain, Cuenca	55	**3.4**	*0.57*	0.34	*0.08*	27	**1.8**	*0.52*	0.17	*0.05*
Spain, Girona	100	**2.6**	*0.28*	0.20	*0.04*	87	**2.0**	*0.27*	0.20	*0.04*
*Spain, Granada	30	**0.7**	*0.14*	0.06	*0.02*	27	**0.5**	*0.11*	0.03	*0.01*
Spain, La Rioja	23	**1.2**	*0.28*	0.13	*0.04*	19	**0.8**	*0.23*	0.06	*0.03*
Spain, Mallorca	98	**2.5**	*0.27*	0.21	*0.04*	77	**1.4**	*0.19*	0.12	*0.03*
Spain, Murcia	177	**3.1**	*0.26*	0.31	*0.03*	181	**2.9**	*0.26*	0.30	*0.03*
Spain, Navarra	58	**1.6**	*0.23*	0.15	*0.03*	41	**0.8**	*0.16*	0.09	*0.02*
Spain, Tarragona	89	**2.3**	*0.27*	0.23	*0.04*	76	**1.5**	*0.21*	0.16	*0.03*
*Sweden	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, Basel	42	**1.8**	*0.31*	0.17	*0.04*	32	**1.0**	*0.22*	0.09	*0.03*
Switzerland, Geneva	57	**2.9**	*0.40*	0.27	*0.06*	35	**1.1**	*0.22*	0.10	*0.03*
Switzerland, Graubünden and Glarus	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, Neuchâtel	11	**1.0**	*0.34*	0.07	*0.04*	4	**0.3**	*0.16*	0.03	*0.03*
Switzerland, St Gall–Appenzell	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, Ticino	40	**2.0**	*0.34*	0.15	*0.04*	56	**2.2**	*0.34*	0.22	*0.05*
Switzerland, Valais	40	**2.7**	*0.44*	0.31	*0.07*	30	**1.3**	*0.26*	0.10	*0.04*
Switzerland, Vaud	0	**-**	-	–	-	1	**0.0**	*0.01*	–	-
Switzerland, Zurich	173	**2.9**	*0.25*	0.30	*0.03*	134	**1.6**	*0.16*	0.16	*0.02*
Ukraine	131	**0.1**	*0.01*	0.01	*0.00*	128	**0.1**	*0.01*	0.01	*0.00*
UK, England	582	**0.2**	*0.01*	0.02	*0.00*	479	**0.1**	*0.01*	0.01	*0.00*
UK, England, East of England Region	1	**0.0**	*0.00*	0.00	*0.00*	0	**-**	-	–	-
UK, England, North Western	569	**1.7**	*0.08*	0.14	*0.01*	473	**0.9**	*0.05*	0.07	*0.01*
UK, England, Northern and Yorkshire	2	**0.0**	*0.00*	0.00	*0.00*	0	**-**	-	–	-
UK, England, Oxford Region	0	**-**	-	–	-	0	**-**	-	–	-
UK, England, South and Western Regions	10	**0.0**	*0.01*	0.00	*0.00*	6	**0.0**	*0.00*	0.00	*0.00*
UK, England, Thames	0	**-**	-	–	-	0	**-**	-	–	-
UK, England, Trent	0	**-**	-	–	-	0	**-**	-	–	-
UK, England, West Midlands	0	**-**	-	–	-	0	**-**	-	–	-
UK, Northern Ireland	0	**-**	-	–	-	0	**-**	-	–	-
UK, Scotland	320	**1.2**	*0.07*	0.10	*0.01*	276	**0.7**	*0.05*	0.07	*0.01*
UK, Wales	0	**-**	-	–	-	0	**-**	-	–	-
Oceania										
Australian Capital Territory	43	**3.9**	*0.61*	0.30	*0.08*	17	**1.1**	*0.30*	0.09	*0.04*
Australia, New South Wales	1092	**3.3**	*0.11*	0.29	*0.02*	822	**1.9**	*0.08*	0.19	*0.01*
Australia, Northern Territory	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Northern Territory: Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Queensland	686	**3.9**	*0.16*	0.38	*0.02*	444	**2.1**	*0.11*	0.20	*0.02*
South Australia	204	**2.5**	*0.19*	0.24	*0.03*	115	**1.2**	*0.13*	0.13	*0.02*
Australia, Tasmania	67	**2.8**	*0.36*	0.25	*0.05*	41	**1.1**	*0.21*	0.09	*0.03*
Australia, Victoria	844	**3.5**	*0.13*	0.32	*0.02*	580	**2.0**	*0.09*	0.20	*0.01*
Western Australia	354	**4.1**	*0.22*	0.36	*0.03*	239	**2.3**	*0.17*	0.22	*0.02*
New Zealand	744	**4.2**	*0.16*	0.37	*0.02*	448	**2.1**	*0.11*	0.21	*0.02*
New Zealand: Maori	36	**4.4**	*0.76*	0.47	*0.11*	25	**2.4**	*0.50*	0.22	*0.07*
New Zealand: Pacific Islander	15	**4.4**	*1.27*	0.37	*0.15*	13	**2.7**	*0.77*	0.18	*0.09*
New Zealand: Other	693	**4.2**	*0.17*	0.37	*0.02*	410	**2.0**	*0.12*	0.21	*0.02*
USA, Hawaii	135	**2.3**	*0.21*	0.26	*0.04*	105	**1.5**	*0.17*	0.15	*0.02*
*USA, Hawaii: Chinese	11	**2.4**	*0.80*	0.34	*0.17*	4	**1.1**	*0.67*	0.10	*0.07*
*USA, Hawaii: Filipino	23	**3.1**	*0.73*	0.38	*0.12*	15	**2.1**	*0.58*	0.29	*0.09*
*USA, Hawaii: Hawaiian	11	**1.6**	*0.53*	0.19	*0.09*	18	**1.7**	*0.43*	0.15	*0.06*
*USA, Hawaii: Japanese	52	**3.0**	*0.47*	0.30	*0.07*	32	**1.2**	*0.27*	0.12	*0.04*
*USA, Hawaii: White	33	**2.3**	*0.42*	0.26	*0.07*	30	**1.7**	*0.35*	0.20	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloproliferative disorders (MPD)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	0	-	-	–	-	0	-	-	–	-
Egypt, Gharbiah	8	**0.1**	*0.03*	0.01	*0.00*	7	**0.1**	*0.04*	0.01	*0.01*
*Libya, Benghazi	8	**0.5**	*0.20*	0.07	*0.03*	11	**0.9**	*0.27*	0.11	*0.04*
*Malawi, Blantyre	0	-	-	–	-	0	-	-	–	-
*South Africa, PROMEC	0	-	-	–	-	0	-	-	–	-
*Tunisia, North	0	-	-	–	-	2	**0.0**	*0.02*	0.00	*0.00*
*Uganda, Kyadondo County	0	-	-	–	-	0	-	-	–	-
*Zimbabwe, Harare: African	0	-	-	–	-	0	-	-	–	-
America, Central and South										
Argentina, Bahía Blanca	1	**0.1**	*0.13*	0.02	*0.02*	1	**0.1**	*0.13*	0.01	*0.01*
Argentina, Córdoba	22	**0.8**	*0.18*	0.07	*0.02*	18	**0.6**	*0.14*	0.07	*0.02*
Argentina, Mendoza	68	**1.5**	*0.19*	0.18	*0.03*	63	**1.3**	*0.17*	0.15	*0.02*
*Argentina, Tierra del Fuego	1	**0.8**	*0.75*	0.13	*0.13*	0	-	-	–	-
Brazil, Aracaju	3	**0.5**	*0.31*	0.06	*0.04*	4	**0.5**	*0.26*	0.07	*0.04*
Brazil, Belo Horizonte	7	**0.3**	*0.11*	0.04	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
Brazil, Cuiabá	1	**0.1**	*0.10*	0.01	*0.01*	1	**0.1**	*0.13*	0.03	*0.03*
Brazil, Fortaleza	0	-	-	–	-	0	-	-	–	-
Brazil, Goiânia	4	**0.2**	*0.12*	0.04	*0.02*	3	**0.1**	*0.08*	0.02	*0.01*
*Brazil, São Paulo	27	**0.1**	*0.02*	0.01	*0.00*	25	**0.1**	*0.02*	0.01	*0.00*
Chile, Region of Antofagasta	1	**0.1**	*0.10*	0.01	*0.01*	0	-	-	–	-
Chile, Bío Bío Province	16	**1.7**	*0.42*	0.19	*0.06*	9	**0.8**	*0.30*	0.06	*0.03*
Chile, Valdivia	3	**0.4**	*0.22*	0.06	*0.04*	8	**0.7**	*0.24*	0.09	*0.04*
Colombia, Bucaramanga	3	**0.1**	*0.07*	0.00	*0.00*	9	**0.3**	*0.10*	0.03	*0.01*
Colombia, Cali	14	**0.3**	*0.09*	0.05	*0.01*	11	**0.2**	*0.06*	0.02	*0.01*
Colombia, Manizales	0	-	-	–	-	0	-	-	–	-
Colombia, Pasto	0	-	-	–	-	0	-	-	–	-
Costa Rica	4	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Cuba, Villa Clara	1	**0.0**	*0.04*	0.01	*0.01*	0	-	-	–	-
Ecuador, Cuenca	0	-	-	–	-	0	-	-	–	-
Ecuador, Quito	0	-	-	–	-	4	**0.1**	*0.04*	0.00	*0.00*
*France, Martinique	11	**0.8**	*0.25*	0.09	*0.03*	8	**0.5**	*0.21*	0.05	*0.02*
*Jamaica, Kingston and St Andrew	0	-	-	–	-	0	-	-	–	-
USA, Puerto Rico	64	**0.5**	*0.07*	0.05	*0.01*	52	**0.4**	*0.06*	0.04	*0.01*
Uruguay	20	**0.3**	*0.07*	0.04	*0.01*	14	**0.1**	*0.04*	0.01	*0.00*
America, North										
Canada	2372	**1.9**	*0.04*	0.22	*0.01*	2571	**1.7**	*0.04*	0.18	*0.01*
Canada, Alberta	272	**2.4**	*0.15*	0.25	*0.02*	335	**2.6**	*0.16*	0.31	*0.02*
Canada, British Columbia	297	**1.7**	*0.10*	0.20	*0.01*	336	**1.6**	*0.10*	0.18	*0.01*
Canada, Manitoba	105	**2.4**	*0.24*	0.31	*0.04*	110	**1.9**	*0.21*	0.23	*0.03*
Canada, New Brunswick	46	**1.5**	*0.23*	0.18	*0.03*	43	**1.0**	*0.18*	0.09	*0.02*
Canada, Newfoundland and Labrador	5	**0.2**	*0.10*	0.03	*0.02*	7	**0.3**	*0.13*	0.04	*0.02*
*Canada, Northwest Territories	1	**0.7**	*0.67*	0.07	*0.07*	2	**1.7**	*1.22*	0.11	*0.08*
Canada, Nova Scotia	58	**1.6**	*0.22*	0.20	*0.03*	58	**1.3**	*0.19*	0.15	*0.03*
Canada, Ontario	661	**1.4**	*0.06*	0.16	*0.01*	607	**1.1**	*0.05*	0.13	*0.01*
Canada, Prince Edward Island	15	**2.8**	*0.73*	0.39	*0.12*	18	**2.5**	*0.62*	0.33	*0.11*
*Canada, Quebec	806	**2.7**	*0.10*	0.29	*0.01*	932	**2.3**	*0.10*	0.21	*0.01*
Canada, Saskatchewan	105	**2.5**	*0.27*	0.31	*0.04*	123	**2.4**	*0.26*	0.28	*0.04*
*Canada, Yukon	1	**0.7**	*0.70*	0.09	*0.09*	0	-	-	–	-
USA, NPCR (42 states)	17800	**2.0**	*0.02*	0.22	*0.00*	17072	**1.5**	*0.01*	0.16	*0.00*
USA, NPCR (42 states): American Indian	80	**1.2**	*0.14*	0.13	*0.02*	61	**0.8**	*0.11*	0.10	*0.02*
USA, NPCR (42 states): Asian and Pacific Islander	307	**1.0**	*0.06*	0.11	*0.01*	345	**0.9**	*0.05*	0.10	*0.01*
USA, NPCR (42 states): Black	1385	**1.6**	*0.05*	0.18	*0.01*	1496	**1.3**	*0.04*	0.14	*0.00*
USA, NPCR (42 states): White	15518	**2.0**	*0.02*	0.22	*0.00*	14729	**1.5**	*0.01*	0.16	*0.00*
USA, SEER (9 registries)	1990	**2.1**	*0.05*	0.24	*0.01*	1966	**1.6**	*0.04*	0.18	*0.01*
*USA, SEER (9 registries): Black	152	**1.9**	*0.16*	0.22	*0.02*	177	**1.7**	*0.13*	0.20	*0.02*
*USA, SEER (9 registries): White	1643	**2.1**	*0.06*	0.24	*0.01*	1585	**1.6**	*0.05*	0.17	*0.01*
USA, SEER (18 registries)	5155	**1.9**	*0.03*	0.21	*0.00*	4817	**1.4**	*0.02*	0.16	*0.00*
*USA, SEER (18 registries): Asian and Pacific Islander	304	**1.4**	*0.08*	0.15	*0.01*	327	**1.2**	*0.07*	0.14	*0.01*
*USA, SEER (18 registries): Black	423	**1.8**	*0.09*	0.20	*0.01*	448	**1.4**	*0.07*	0.16	*0.01*
*USA, SEER (18 registries): Hispanic White	372	**1.2**	*0.07*	0.13	*0.01*	370	**1.1**	*0.06*	0.12	*0.01*
*USA, SEER (18 registries): Non–Hispanic White	3892	**2.0**	*0.03*	0.23	*0.00*	3515	**1.5**	*0.03*	0.16	*0.00*
*USA, SEER (18 registries): White	4264	**1.9**	*0.03*	0.22	*0.00*	3885	**1.4**	*0.03*	0.15	*0.00*
USA, Alabama	232	**1.5**	*0.10*	0.17	*0.01*	201	**1.0**	*0.08*	0.11	*0.01*
USA, Alabama: Black	32	**1.1**	*0.20*	0.15	*0.03*	44	**0.9**	*0.15*	0.09	*0.02*
USA, Alabama: White	195	**1.6**	*0.12*	0.17	*0.01*	153	**1.0**	*0.09*	0.11	*0.01*
USA, Alaska	31	**1.7**	*0.32*	0.21	*0.05*	27	**1.4**	*0.27*	0.15	*0.04*
*USA, Alaska: American Indian	2	**0.8**	*0.58*	0.14	*0.12*	4	**1.3**	*0.64*	0.17	*0.11*
USA, Arizona	301	**1.4**	*0.09*	0.16	*0.01*	262	**1.0**	*0.07*	0.11	*0.01*
USA, Arizona: American Indian	10	**1.6**	*0.52*	0.16	*0.06*	1	**0.2**	*0.17*	0.02	*0.02*
USA, Arizona: Asian and Pacific Islander	0	-	-	–	-	3	**0.6**	*0.36*	0.07	*0.05*
USA, Arizona: Black	6	**1.1**	*0.48*	0.09	*0.05*	4	**0.7**	*0.34*	0.09	*0.06*
USA, Arizona: White	282	**1.4**	*0.09*	0.16	*0.01*	248	**1.0**	*0.07*	0.11	*0.01*
USA, Arkansas	224	**2.3**	*0.16*	0.24	*0.02*	162	**1.4**	*0.12*	0.16	*0.02*
USA, Arkansas: Black	19	**1.8**	*0.41*	0.16	*0.05*	18	**1.3**	*0.33*	0.12	*0.04*
USA, Arkansas: White	198	**2.3**	*0.18*	0.25	*0.02*	137	**1.4**	*0.13*	0.16	*0.02*
USA, California	1730	**1.5**	*0.04*	0.17	*0.01*	1620	**1.2**	*0.03*	0.13	*0.00*
USA, California: American Indian	4	**0.3**	*0.16*	0.03	*0.02*	2	**0.2**	*0.11*	0.02	*0.02*
USA, California: Asian and Pacific Islander	170	**1.2**	*0.09*	0.14	*0.01*	177	**1.0**	*0.08*	0.11	*0.01*
USA, California: Black	99	**1.5**	*0.16*	0.16	*0.02*	87	**1.1**	*0.12*	0.12	*0.02*
USA, California: White	1369	**1.5**	*0.04*	0.17	*0.01*	1267	**1.1**	*0.04*	0.13	*0.00*
USA, California, Los Angeles County	453	**1.5**	*0.07*	0.16	*0.01*	472	**1.3**	*0.06*	0.14	*0.01*
*USA, California, Los Angeles County: Asian and Pacific Islander	46	**1.0**	*0.15*	0.10	*0.02*	53	**0.9**	*0.13*	0.09	*0.02*
*USA, California, Los Angeles County: Black	45	**1.6**	*0.25*	0.19	*0.03*	42	**1.1**	*0.19*	0.13	*0.03*
*USA, California, Los Angeles County: Chinese	14	**0.9**	*0.24*	0.08	*0.03*	8	**0.5**	*0.18*	0.03	*0.01*
*USA, California, Los Angeles County: Filipino	17	**1.8**	*0.46*	0.19	*0.06*	27	**2.0**	*0.41*	0.21	*0.05*
*USA, California, Los Angeles County: Hispanic White	70	**0.8**	*0.10*	0.08	*0.01*	97	**1.0**	*0.10*	0.11	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloproliferative disorders (MPD) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	2	**0.4**	*0.29*	0.08	*0.05*	9	**1.0**	*0.39*	0.12	*0.05*
*USA, California, Los Angeles County: Korean	3	**0.5**	*0.28*	0.05	*0.03*	1	**0.1**	*0.14*	0.01	*0.01*
*USA, California, Los Angeles County: Non−Hispanic White	275	**1.9**	*0.13*	0.21	*0.02*	250	**1.5**	*0.11*	0.16	*0.01*
*USA, California, Los Angeles County: White	345	**1.5**	*0.09*	0.16	*0.01*	347	**1.3**	*0.08*	0.14	*0.01*
USA, California, San Francisco Bay Area	202	**1.4**	*0.10*	0.16	*0.01*	180	**0.9**	*0.08*	0.10	*0.01*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	42	**1.3**	*0.21*	0.15	*0.03*	38	**0.9**	*0.16*	0.09	*0.02*
*USA, California, San Francisco Bay Area: Black	13	**1.2**	*0.33*	0.14	*0.05*	14	**0.9**	*0.27*	0.10	*0.03*
*USA, California, San Francisco Bay Area: Hispanic White	22	**1.5**	*0.35*	0.20	*0.06*	10	**0.6**	*0.20*	0.08	*0.03*
*USA, California, San Francisco Bay Area: Non−Hispanic White	118	**1.4**	*0.15*	0.15	*0.02*	114	**0.9**	*0.10*	0.11	*0.02*
*USA, California, San Francisco Bay Area: White	140	**1.4**	*0.13*	0.16	*0.02*	124	**0.9**	*0.09*	0.10	*0.01*
USA, Colorado	282	**1.9**	*0.12*	0.22	*0.02*	248	**1.4**	*0.10*	0.16	*0.01*
USA, Colorado: Asian and Pacific Islander	0	**-**	-	–	-	0	**-**	-	–	-
USA, Colorado: Black	6	**1.4**	*0.59*	0.22	*0.11*	5	**0.9**	*0.40*	0.07	*0.05*
USA, Colorado: White	265	**1.9**	*0.12*	0.22	*0.02*	225	**1.4**	*0.10*	0.16	*0.01*
USA, Connecticut	215	**1.6**	*0.12*	0.18	*0.02*	181	**1.1**	*0.09*	0.11	*0.01*
*USA, Connecticut: Black	5	**0.6**	*0.27*	0.08	*0.05*	4	**0.3**	*0.16*	0.03	*0.02*
*USA, Connecticut: White	205	**1.7**	*0.13*	0.18	*0.02*	173	**1.2**	*0.11*	0.12	*0.01*
USA, Delaware	32	**0.9**	*0.17*	0.11	*0.03*	27	**0.6**	*0.13*	0.08	*0.02*
USA, Delaware: Black	0	**-**	-	–	-	3	**0.5**	*0.30*	0.04	*0.04*
USA, Delaware: White	30	**1.0**	*0.19*	0.12	*0.03*	24	**0.6**	*0.15*	0.09	*0.02*
USA, Florida	1497	**2.0**	*0.06*	0.22	*0.01*	1422	**1.5**	*0.05*	0.16	*0.01*
USA, Florida: Asian and Pacific Islander	3	**0.3**	*0.17*	0.02	*0.01*	5	**0.4**	*0.18*	0.04	*0.02*
USA, Florida: Black	109	**1.6**	*0.16*	0.17	*0.02*	127	**1.4**	*0.13*	0.15	*0.02*
USA, Florida: White	1353	**2.1**	*0.06*	0.22	*0.01*	1266	**1.5**	*0.05*	0.16	*0.01*
USA, Georgia	478	**1.8**	*0.08*	0.20	*0.01*	452	**1.4**	*0.07*	0.16	*0.01*
USA, Georgia: Asian and Pacific Islander	0	**-**	-	–	-	3	**0.5**	*0.27*	0.08	*0.05*
USA, Georgia: Black	86	**1.5**	*0.17*	0.18	*0.03*	113	**1.4**	*0.13*	0.16	*0.02*
USA, Georgia: White	386	**1.9**	*0.10*	0.21	*0.01*	331	**1.4**	*0.08*	0.16	*0.01*
USA, Georgia, Atlanta	139	**1.7**	*0.15*	0.20	*0.02*	147	**1.4**	*0.12*	0.17	*0.02*
*USA, Georgia, Atlanta: Black	40	**1.7**	*0.29*	0.20	*0.05*	55	**1.7**	*0.24*	0.22	*0.04*
*USA, Georgia, Atlanta: White	98	**1.7**	*0.18*	0.21	*0.03*	91	**1.3**	*0.15*	0.16	*0.02*
USA, Idaho	132	**2.7**	*0.24*	0.32	*0.04*	158	**2.7**	*0.24*	0.29	*0.03*
USA, Illinois	751	**1.7**	*0.07*	0.19	*0.01*	792	**1.4**	*0.06*	0.15	*0.01*
USA, Illinois: Asian and Pacific Islander	16	**1.1**	*0.29*	0.14	*0.05*	10	**0.6**	*0.19*	0.08	*0.03*
USA, Illinois: Black	67	**1.4**	*0.17*	0.15	*0.02*	93	**1.4**	*0.15*	0.16	*0.02*
USA, Illinois: White	651	**1.8**	*0.07*	0.20	*0.01*	679	**1.4**	*0.06*	0.15	*0.01*
USA, Indiana	286	**1.3**	*0.08*	0.14	*0.01*	314	**1.1**	*0.07*	0.13	*0.01*
USA, Indiana: Black	11	**0.8**	*0.24*	0.10	*0.04*	21	**1.1**	*0.26*	0.11	*0.03*
USA, Indiana: White	268	**1.3**	*0.09*	0.14	*0.01*	277	**1.0**	*0.07*	0.12	*0.01*
USA, Iowa	289	**2.6**	*0.16*	0.30	*0.02*	310	**1.9**	*0.13*	0.22	*0.02*
USA, Kentucky	388	**2.8**	*0.15*	0.31	*0.02*	270	**1.5**	*0.10*	0.17	*0.01*
USA, Louisiana	267	**2.3**	*0.15*	0.29	*0.02*	242	**1.7**	*0.12*	0.19	*0.02*
*USA, Louisiana: Black	56	**2.0**	*0.27*	0.23	*0.04*	60	**1.5**	*0.21*	0.15	*0.03*
*USA, Louisiana: White	209	**2.5**	*0.18*	0.31	*0.03*	181	**1.7**	*0.14*	0.20	*0.02*
*USA, Louisiana, New Orleans	44	**1.9**	*0.30*	0.26	*0.05*	47	**1.7**	*0.27*	0.20	*0.04*
*USA, Louisiana, New Orleans: Black	12	**1.9**	*0.55*	0.28	*0.10*	12	**1.3**	*0.39*	0.15	*0.05*
*USA, Louisiana, New Orleans: White	32	**2.1**	*0.40*	0.26	*0.06*	34	**1.8**	*0.35*	0.23	*0.05*
USA, Maine	109	**2.0**	*0.21*	0.23	*0.03*	139	**2.1**	*0.20*	0.24	*0.03*
USA, Massachusetts	378	**1.5**	*0.08*	0.17	*0.01*	427	**1.4**	*0.08*	0.15	*0.01*
USA, Massachusetts: Asian and Pacific Islander	4	**0.5**	*0.28*	0.07	*0.05*	9	**0.9**	*0.32*	0.08	*0.03*
USA, Massachusetts: Black	10	**1.0**	*0.32*	0.11	*0.05*	17	**1.3**	*0.33*	0.15	*0.05*
USA, Massachusetts: White	357	**1.6**	*0.09*	0.17	*0.01*	392	**1.3**	*0.08*	0.15	*0.01*
USA, Michigan	819	**2.3**	*0.08*	0.24	*0.01*	788	**1.8**	*0.07*	0.19	*0.01*
USA, Michigan: Asian and Pacific Islander	9	**1.9**	*0.64*	0.18	*0.09*	10	**1.6**	*0.53*	0.20	*0.08*
USA, Michigan: Black	85	**2.3**	*0.26*	0.26	*0.04*	105	**2.2**	*0.22*	0.23	*0.03*
USA, Michigan: White	693	**2.2**	*0.09*	0.23	*0.01*	650	**1.6**	*0.07*	0.17	*0.01*
USA, Michigan, Detroit	354	**2.5**	*0.14*	0.25	*0.02*	354	**2.0**	*0.12*	0.22	*0.02*
*USA, Michigan, Detroit: Black	71	**2.6**	*0.32*	0.28	*0.04*	84	**2.3**	*0.26*	0.27	*0.04*
*USA, Michigan, Detroit: White	268	**2.4**	*0.16*	0.24	*0.02*	253	**1.8**	*0.13*	0.20	*0.02*
USA, Mississippi	146	**1.6**	*0.14*	0.19	*0.02*	128	**1.1**	*0.10*	0.11	*0.01*
USA, Missouri	279	**1.3**	*0.08*	0.14	*0.01*	287	**1.0**	*0.07*	0.12	*0.01*
USA, Missouri: Black	15	**0.9**	*0.24*	0.10	*0.03*	22	**0.9**	*0.20*	0.09	*0.03*
USA, Missouri: White	261	**1.3**	*0.09*	0.14	*0.01*	259	**1.0**	*0.07*	0.12	*0.01*
USA, Montana	82	**2.2**	*0.26*	0.25	*0.04*	84	**1.7**	*0.21*	0.17	*0.03*
USA, Montana: American Indian	4	**3.8**	*1.95*	0.41	*0.27*	4	**2.3**	*1.14*	0.12	*0.09*
USA, Nebraska	98	**1.5**	*0.16*	0.20	*0.03*	98	**1.3**	*0.15*	0.15	*0.02*
USA, Nebraska: Black	2	**1.0**	*0.74*	0.04	*0.04*	4	**1.7**	*0.88*	0.13	*0.08*
USA, Nebraska: White	92	**1.5**	*0.17*	0.20	*0.03*	90	**1.2**	*0.15*	0.15	*0.02*
USA, New Hampshire	125	**2.7**	*0.25*	0.29	*0.03*	136	**2.4**	*0.23*	0.29	*0.03*
USA, New Jersey	641	**2.1**	*0.09*	0.22	*0.01*	589	**1.5**	*0.07*	0.16	*0.01*
*USA, New Jersey: Black	72	**2.2**	*0.27*	0.26	*0.04*	69	**1.6**	*0.20*	0.18	*0.03*
*USA, New Jersey: White	533	**2.1**	*0.10*	0.22	*0.01*	482	**1.4**	*0.08*	0.15	*0.01*
USA, New Mexico	179	**2.8**	*0.22*	0.30	*0.03*	168	**2.2**	*0.18*	0.22	*0.02*
*USA, New Mexico: Hispanic White	47	**2.1**	*0.31*	0.22	*0.04*	48	**1.9**	*0.29*	0.19	*0.03*
*USA, New Mexico: Non−Hispanic White	123	**3.6**	*0.36*	0.37	*0.04*	111	**2.5**	*0.28*	0.27	*0.03*
*USA, New Mexico: White	170	**2.9**	*0.24*	0.32	*0.03*	159	**2.3**	*0.20*	0.24	*0.02*
USA, New York State	1929	**2.8**	*0.07*	0.31	*0.01*	1919	**2.1**	*0.05*	0.23	*0.01*
USA, New York State: Asian and Pacific Islander	33	**0.9**	*0.16*	0.10	*0.02*	27	**0.7**	*0.13*	0.08	*0.02*
USA, New York State: Black	194	**2.2**	*0.16*	0.25	*0.02*	188	**1.5**	*0.11*	0.15	*0.01*
USA, New York State: White	1646	**3.0**	*0.08*	0.33	*0.01*	1662	**2.2**	*0.06*	0.25	*0.01*
USA, North Carolina	476	**1.6**	*0.08*	0.19	*0.01*	518	**1.4**	*0.07*	0.15	*0.01*
USA, North Carolina: American Indian	13	**4.4**	*1.24*	0.41	*0.15*	11	**3.2**	*0.98*	0.39	*0.14*
USA, North Carolina: Asian and Pacific Islander	0	**-**	-	–	-	3	**0.8**	*0.44*	0.09	*0.08*
USA, North Carolina: Black	79	**1.7**	*0.19*	0.21	*0.03*	110	**1.7**	*0.17*	0.18	*0.02*
USA, North Carolina: White	375	**1.6**	*0.09*	0.18	*0.01*	389	**1.3**	*0.07*	0.14	*0.01*
USA, North Dakota	83	**3.3**	*0.39*	0.40	*0.06*	81	**2.9**	*0.37*	0.35	*0.05*
USA, Ohio	485	**1.2**	*0.06*	0.14	*0.01*	559	**1.1**	*0.05*	0.12	*0.01*
USA, Ohio: Asian and Pacific Islander	2	**0.4**	*0.31*	0.05	*0.04*	4	**0.8**	*0.41*	0.06	*0.05*
USA, Ohio: Black	35	**1.0**	*0.17*	0.11	*0.02*	58	**1.2**	*0.17*	0.15	*0.02*
USA, Ohio: White	443	**1.2**	*0.06*	0.14	*0.01*	484	**1.1**	*0.06*	0.12	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloproliferative disorders (MPD) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	275	**2.2**	*0.14*	0.24	*0.02*	273	**1.7**	*0.12*	0.20	*0.02*
USA, Oklahoma: American Indian	15	**1.8**	*0.47*	0.17	*0.06*	16	**1.9**	*0.48*	0.25	*0.07*
USA, Oklahoma: Black	17	**2.5**	*0.63*	0.30	*0.10*	9	**1.0**	*0.35*	0.11	*0.05*
USA, Oklahoma: White	219	**2.0**	*0.14*	0.22	*0.02*	239	**1.7**	*0.12*	0.19	*0.02*
USA, Oregon	129	**0.9**	*0.09*	0.12	*0.01*	154	**0.9**	*0.09*	0.11	*0.01*
USA, Oregon: Asian and Pacific Islander	2	**0.6**	*0.44*	0.09	*0.09*	5	**1.2**	*0.53*	0.17	*0.09*
USA, Oregon: Black	1	**0.8**	*0.79*	0.13	*0.13*	1	**0.7**	*0.66*	0.17	*0.17*
USA, Oregon: White	121	**0.9**	*0.09*	0.12	*0.01*	147	**0.9**	*0.09*	0.11	*0.01*
USA, Pennsylvania	1104	**2.3**	*0.07*	0.26	*0.01*	1061	**1.6**	*0.06*	0.18	*0.01*
USA, Pennsylvania: Asian and Pacific Islander	3	**0.4**	*0.24*	0.01	*0.01*	7	**0.8**	*0.32*	0.08	*0.05*
USA, Pennsylvania: Black	65	**2.0**	*0.25*	0.20	*0.03*	70	**1.3**	*0.17*	0.16	*0.03*
USA, Pennsylvania: White	1012	**2.3**	*0.08*	0.26	*0.01*	965	**1.6**	*0.06*	0.17	*0.01*
USA, Rhode Island	68	**1.7**	*0.22*	0.20	*0.03*	80	**1.5**	*0.19*	0.18	*0.03*
USA, Rhode Island: Black	2	**1.1**	*0.79*	–	-	0	**-**	-	–	-
USA, Rhode Island: White	64	**1.7**	*0.22*	0.21	*0.03*	78	**1.5**	*0.20*	0.18	*0.03*
USA, South Carolina	245	**1.6**	*0.11*	0.18	*0.01*	220	**1.2**	*0.09*	0.14	*0.01*
USA, South Carolina: Black	34	**1.1**	*0.19*	0.14	*0.03*	38	**0.8**	*0.15*	0.08	*0.02*
USA, South Carolina: White	202	**1.7**	*0.13*	0.18	*0.02*	175	**1.2**	*0.10*	0.15	*0.01*
USA, South Dakota	62	**2.2**	*0.29*	0.22	*0.04*	40	**1.1**	*0.20*	0.14	*0.03*
USA, Tennessee	275	**1.3**	*0.08*	0.14	*0.01*	272	**1.0**	*0.07*	0.11	*0.01*
USA, Tennessee: Black	21	**0.9**	*0.20*	0.11	*0.03*	31	**0.9**	*0.18*	0.11	*0.03*
USA, Tennessee: White	251	**1.3**	*0.09*	0.14	*0.01*	238	**1.1**	*0.07*	0.11	*0.01*
USA, Texas	2387	**3.6**	*0.07*	0.40	*0.01*	1872	**2.3**	*0.06*	0.24	*0.01*
USA, Texas: Asian and Pacific Islander	21	**1.2**	*0.27*	0.14	*0.04*	20	**0.8**	*0.19*	0.09	*0.03*
USA, Texas: Black	195	**3.1**	*0.23*	0.34	*0.03*	165	**2.0**	*0.16*	0.22	*0.02*
USA, Texas: White	2084	**3.6**	*0.08*	0.40	*0.01*	1628	**2.3**	*0.06*	0.24	*0.01*
USA, Utah	95	**1.4**	*0.15*	0.17	*0.02*	73	**0.8**	*0.11*	0.09	*0.02*
USA, Vermont	38	**1.8**	*0.30*	0.20	*0.04*	55	**1.9**	*0.28*	0.24	*0.04*
USA, Virginia	281	**1.1**	*0.07*	0.13	*0.01*	222	**0.7**	*0.05*	0.07	*0.01*
USA, Virginia: Asian and Pacific Islander	2	**0.2**	*0.14*	0.01	*0.01*	4	**0.4**	*0.18*	0.05	*0.03*
USA, Virginia: Black	31	**0.8**	*0.14*	0.08	*0.02*	27	**0.5**	*0.10*	0.05	*0.01*
USA, Virginia: White	243	**1.2**	*0.08*	0.14	*0.01*	189	**0.7**	*0.06*	0.08	*0.01*
USA, Washington State	515	**2.3**	*0.11*	0.27	*0.02*	557	**2.1**	*0.10*	0.23	*0.01*
USA, Washington, Seattle	420	**2.8**	*0.14*	0.33	*0.02*	433	**2.4**	*0.13*	0.26	*0.02*
USA, West Virginia	121	**1.7**	*0.16*	0.17	*0.02*	103	**1.0**	*0.11*	0.12	*0.02*
USA, Wisconsin	458	**2.2**	*0.11*	0.25	*0.02*	476	**1.7**	*0.09*	0.19	*0.01*
USA, Wisconsin: Black	12	**1.8**	*0.52*	0.25	*0.09*	14	**2.0**	*0.55*	0.29	*0.08*
USA, Wisconsin: White	429	**2.1**	*0.11*	0.25	*0.02*	447	**1.7**	*0.09*	0.19	*0.01*
USA, Wyoming	30	**1.6**	*0.30*	0.23	*0.05*	22	**1.1**	*0.24*	0.11	*0.03*
Asia										
Bahrain: Bahraini	2	**0.3**	*0.20*	0.05	*0.04*	0	**-**	-	–	-
China, Beijing City	1	**0.0**	*0.00*	0.00	*0.00*	0	**-**	-	–	-
*China, Cixian County	0	**-**	-	–	-	0	**-**	-	–	-
China, Haining County	0	**-**	-	–	-	1	**0.0**	*0.04*	0.01	*0.01*
*China, Harbin City, Nangang District	0	**-**	-	–	-	0	**-**	-	–	-
China, Hong Kong	7	**0.0**	*0.01*	0.00	*0.00*	12	**0.0**	*0.01*	0.01	*0.00*
China, Jiashan County	0	**-**	-	–	-	0	**-**	-	–	-
China, Jiaxing City	0	**-**	-	–	-	0	**-**	-	–	-
China, Macao	3	**0.2**	*0.13*	0.03	*0.03*	4	**0.4**	*0.23*	0.03	*0.02*
China, Qidong County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Shanghai City	3	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	–	-
*China, Wuhan City	0	**-**	-	–	-	3	**0.0**	*0.01*	0.00	*0.00*
*China, Yangcheng County	1	**0.1**	*0.11*	0.01	*0.01*	0	**-**	-	–	-
*China, Yanting County	0	**-**	-	–	-	0	**-**	-	–	-
*China, Zhongshan City	22	**0.7**	*0.16*	0.08	*0.02*	5	**0.2**	*0.08*	0.03	*0.01*
*India, Bangalore	1	**0.0**	*0.02*	0.00	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
*India; Barshi, Paranda, and Bhum	0	**-**	-	–	-	0	**-**	-	–	-
*India, Bhopal	0	**-**	-	–	-	0	**-**	-	–	-
*India, Chennai	0	**-**	-	–	-	0	**-**	-	–	-
*India, Dindigul, Ambilikkai	0	**-**	-	–	-	0	**-**	-	–	-
*India, Karunagappally	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
*India, Mizoram	2	**0.2**	*0.11*	0.03	*0.02*	1	**0.1**	*0.08*	0.01	*0.01*
*India, Mumbai	0	**-**	-	–	-	1	**0.0**	*0.00*	0.00	*0.00*
*India, New Delhi	1	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	–	-
*India, Poona	0	**-**	-	–	-	0	**-**	-	–	-
*India, Sikkim State	0	**-**	-	–	-	0	**-**	-	–	-
*India, Trivandrum	2	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
*Iran (Islamic Republic of), Golestan Province	3	**0.2**	*0.12*	0.03	*0.02*	4	**0.3**	*0.15*	0.01	*0.00*
Israel	320	**1.7**	*0.10*	0.19	*0.01*	273	**1.1**	*0.07*	0.11	*0.01*
*Israel: Jews	290	**1.6**	*0.10*	0.18	*0.01*	252	**1.1**	*0.08*	0.11	*0.01*
*Israel: Non–Jews	30	**1.7**	*0.32*	0.21	*0.05*	21	**0.8**	*0.19*	0.08	*0.03*
Japan, Aichi Prefecture	6	**0.1**	*0.05*	0.01	*0.01*	10	**0.3**	*0.10*	0.02	*0.01*
Japan, Fukui Prefecture	10	**0.3**	*0.09*	0.03	*0.01*	9	**0.2**	*0.06*	0.02	*0.01*
Japan, Hiroshima	25	**0.5**	*0.12*	0.04	*0.01*	18	**0.3**	*0.12*	0.02	*0.01*
Japan, Miyagi Prefecture	27	**0.3**	*0.07*	0.02	*0.01*	20	**0.2**	*0.07*	0.02	*0.01*
Japan, Nagasaki Prefecture	26	**0.3**	*0.07*	0.03	*0.01*	25	**0.3**	*0.07*	0.02	*0.01*
Japan, Niigata Prefecture	10	**0.1**	*0.03*	0.01	*0.00*	9	**0.1**	*0.03*	0.01	*0.00*
*Japan, Osaka Prefecture	50	**0.1**	*0.02*	0.01	*0.00*	49	**0.1**	*0.01*	0.01	*0.00*
Japan, Saga Prefecture	0	**-**	-	–	-	0	**-**	-	–	-
Republic of Korea	1129	**0.8**	*0.03*	0.10	*0.00*	891	**0.6**	*0.02*	0.07	*0.00*
Republic of Korea, Busan	58	**0.6**	*0.08*	0.06	*0.01*	49	**0.4**	*0.06*	0.04	*0.01*
Republic of Korea, Daegu	31	**0.5**	*0.10*	0.05	*0.01*	43	**0.6**	*0.09*	0.07	*0.01*
Republic of Korea, Daejeon	49	**1.5**	*0.22*	0.18	*0.03*	29	**0.8**	*0.14*	0.09	*0.02*
Republic of Korea, Gwangju	52	**1.4**	*0.20*	0.16	*0.03*	38	**0.9**	*0.15*	0.09	*0.02*
Republic of Korea, Incheon	66	**1.0**	*0.13*	0.12	*0.02*	40	**0.5**	*0.08*	0.06	*0.01*
Republic of Korea, Jejudo	4	**0.3**	*0.16*	0.05	*0.03*	4	**0.3**	*0.18*	0.04	*0.02*
Republic of Korea, Seoul	247	**0.9**	*0.06*	0.11	*0.01*	197	**0.7**	*0.05*	0.08	*0.01*
Republic of Korea, Ulsan	19	**0.7**	*0.17*	0.06	*0.02*	13	**0.4**	*0.12*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloproliferative disorders (MPD) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	7	**0.2**	*0.12*	0.01	*0.01*	4	**0.1**	*0.07*	0.01	*0.01*
*Kuwait: Kuwaitis	3	**0.3**	*0.16*	0.01	*0.01*	2	**0.2**	*0.11*	0.02	*0.01*
*Kuwait: Non−Kuwaitis	4	**0.2**	*0.10*	0.02	*0.02*	2	**0.1**	*0.04*	0.00	*0.00*
*Malaysia, Penang	2	**0.1**	*0.07*	0.01	*0.01*	2	**0.1**	*0.06*	0.02	*0.01*
*Malaysia, Penang: Chinese	1	**0.1**	*0.08*	0.01	*0.01*	1	**0.1**	*0.07*	0.02	*0.02*
*Malaysia, Penang: Indian	0	**-**	-	–	-	0	**-**	-	–	-
*Malaysia, Penang: Malay	1	**0.2**	*0.16*	0.02	*0.02*	1	**0.1**	*0.11*	0.01	*0.01*
*Philippines, Manila	20	**0.2**	*0.05*	0.02	*0.01*	17	**0.1**	*0.04*	0.02	*0.01*
*Philippines, Rizal	28	**0.3**	*0.06*	0.03	*0.01*	25	**0.2**	*0.04*	0.02	*0.01*
Qatar: Qatari	0	**-**	-	–	-	1	**0.2**	*0.18*	0.01	*0.01*
*Saudi Arabia, Riyadh: Saudi	24	**0.5**	*0.11*	0.06	*0.02*	17	**0.4**	*0.10*	0.05	*0.01*
Singapore	25	**0.3**	*0.05*	0.04	*0.01*	25	**0.2**	*0.05*	0.02	*0.01*
Singapore: Chinese	19	**0.2**	*0.06*	0.04	*0.01*	20	**0.2**	*0.05*	0.02	*0.01*
Singapore: Indian	2	**0.2**	*0.15*	0.02	*0.01*	0	**-**	-	–	-
Singapore: Malay	3	**0.2**	*0.13*	0.02	*0.01*	3	**0.2**	*0.15*	0.02	*0.02*
Thailand, Bangkok	0	**-**	-	–	-	0	**-**	-	–	-
Thailand, Chiang Mai	7	**0.2**	*0.06*	0.02	*0.01*	7	**0.1**	*0.05*	0.01	*0.01*
Thailand, Chonburi	27	**1.0**	*0.19*	0.10	*0.02*	17	**0.6**	*0.14*	0.05	*0.01*
*Thailand, Khon Kaen	11	**0.3**	*0.08*	0.03	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
Thailand, Lampang	0	**-**	-	–	-	1	**0.0**	*0.04*	0.00	*0.00*
*Thailand, Songkhla	1	**0.0**	*0.04*	0.00	*0.00*	2	**0.1**	*0.04*	0.00	*0.00*
*Turkey, Antalya	43	**1.1**	*0.17*	0.13	*0.02*	41	**1.0**	*0.16*	0.11	*0.02*
*Turkey, Edirne	6	**0.6**	*0.25*	0.06	*0.03*	8	**0.7**	*0.27*	0.11	*0.04*
*Turkey, Izmir	89	**1.0**	*0.10*	0.11	*0.01*	71	**0.7**	*0.09*	0.09	*0.01*
*Turkey, Trabzon	31	**2.7**	*0.49*	0.27	*0.05*	17	**1.2**	*0.30*	0.13	*0.04*
Europe										
Austria	286	**0.9**	*0.05*	0.10	*0.01*	335	**0.9**	*0.05*	0.10	*0.01*
Austria, Tyrol	49	**1.8**	*0.27*	0.19	*0.04*	69	**2.2**	*0.29*	0.23	*0.04*
Austria, Vorarlberg	1	**0.1**	*0.09*	0.01	*0.01*	1	**0.1**	*0.08*	0.01	*0.01*
*Belarus	83	**0.3**	*0.03*	0.04	*0.00*	86	**0.2**	*0.02*	0.02	*0.00*
*Belgium	713	**2.0**	*0.08*	0.23	*0.01*	742	**1.7**	*0.07*	0.19	*0.01*
Bulgaria	272	**0.9**	*0.06*	0.11	*0.01*	273	**0.8**	*0.05*	0.09	*0.01*
Croatia	0	**-**	-	–	-	0	**-**	-	–	-
Cyprus	14	**0.5**	*0.15*	0.07	*0.02*	17	**0.7**	*0.18*	0.08	*0.02*
Czech Republic	1	**0.0**	*0.00*	0.00	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
Denmark	0	**-**	-	–	-	0	**-**	-	–	-
*Estonia	67	**1.4**	*0.18*	0.17	*0.02*	113	**1.5**	*0.16*	0.17	*0.02*
Finland	0	**-**	-	–	-	0	**-**	-	–	-
*France, Bas−Rhin	97	**2.6**	*0.27*	0.30	*0.04*	101	**1.8**	*0.21*	0.22	*0.03*
*France, Calvados	77	**3.0**	*0.36*	0.35	*0.05*	89	**2.6**	*0.32*	0.30	*0.04*
*France, Doubs	54	**2.9**	*0.41*	0.33	*0.05*	55	**1.8**	*0.28*	0.18	*0.04*
*France, Haut−Rhin	68	**2.5**	*0.31*	0.29	*0.04*	41	**1.4**	*0.24*	0.17	*0.03*
*France, Hérault	103	**2.3**	*0.25*	0.27	*0.03*	112	**1.9**	*0.22*	0.21	*0.03*
*France, Isère	125	**2.9**	*0.27*	0.33	*0.04*	93	**1.6**	*0.19*	0.20	*0.03*
*France, Loire−Atlantique	107	**2.2**	*0.22*	0.21	*0.03*	88	**1.4**	*0.17*	0.15	*0.02*
*France, Manche	71	**3.1**	*0.41*	0.38	*0.06*	71	**2.8**	*0.39*	0.33	*0.05*
*France, Somme	78	**3.5**	*0.42*	0.39	*0.06*	74	**2.6**	*0.35*	0.28	*0.04*
*France, Tarn	57	**2.9**	*0.46*	0.31	*0.06*	34	**1.4**	*0.32*	0.14	*0.04*
*France, Vendée	73	**2.7**	*0.35*	0.33	*0.05*	33	**1.2**	*0.25*	0.14	*0.03*
Germany, Brandenburg	0	**-**	-	–	-	0	**-**	-	–	-
Germany, Bremen	49	**1.6**	*0.24*	0.18	*0.03*	64	**1.5**	*0.22*	0.17	*0.03*
Germany, Free State of Saxony	0	**-**	-	–	-	0	**-**	-	–	-
Germany, Hamburg	107	**1.5**	*0.15*	0.17	*0.02*	148	**1.5**	*0.14*	0.18	*0.02*
Germany, Mecklenburg−Western Pomerania	0	**-**	-	–	-	0	**-**	-	–	-
Germany, Munich	69	**0.4**	*0.05*	0.04	*0.01*	81	**0.3**	*0.04*	0.03	*0.01*
Germany, North Rhine−Westphalia	1	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	–	-
Germany, Saarland	5	**0.1**	*0.04*	–	-	8	**0.1**	*0.03*	0.00	*0.00*
Germany, Schleswig−Holstein	164	**1.2**	*0.10*	0.16	*0.01*	158	**1.0**	*0.09*	0.10	*0.01*
Iceland	28	**2.4**	*0.49*	0.26	*0.07*	24	**2.5**	*0.54*	0.30	*0.07*
Ireland	340	**2.5**	*0.14*	0.29	*0.02*	284	**1.8**	*0.12*	0.21	*0.02*
Italy, Biella	45	**4.4**	*0.73*	0.55	*0.10*	30	**3.3**	*0.77*	0.37	*0.08*
Italy, Brescia	9	**0.2**	*0.07*	0.03	*0.01*	9	**0.2**	*0.10*	0.02	*0.01*
Italy, Catania and Messina	91	**2.2**	*0.24*	0.26	*0.03*	92	**2.0**	*0.23*	0.23	*0.03*
Italy, Catanzaro	44	**4.4**	*0.73*	0.47	*0.09*	42	**4.0**	*0.68*	0.46	*0.08*
Italy, Como	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Ferrara	60	**3.5**	*0.49*	0.38	*0.06*	38	**1.5**	*0.32*	0.15	*0.03*
Italy, Florence and Prato	158	**4.7**	*0.42*	0.54	*0.05*	95	**2.2**	*0.27*	0.24	*0.03*
Italy, Friuli−Venezia Giulia	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Genoa	147	**4.0**	*0.38*	0.48	*0.05*	115	**2.6**	*0.35*	0.25	*0.03*
Italy, Latina	52	**2.3**	*0.34*	0.27	*0.05*	72	**2.9**	*0.39*	0.33	*0.05*
Italy, Lecco	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	–	-
Italy, Lombardy, South	74	**3.5**	*0.44*	0.40	*0.06*	72	**3.1**	*0.47*	0.34	*0.05*
Italy, Mantua	2	**0.1**	*0.09*	0.02	*0.02*	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Milan	3	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	–	-
Italy, Modena	102	**3.4**	*0.36*	0.39	*0.05*	96	**2.7**	*0.35*	0.27	*0.04*
Italy, Naples	63	**3.7**	*0.48*	0.43	*0.06*	34	**1.9**	*0.35*	0.22	*0.04*
Italy, Nuoro	36	**3.1**	*0.55*	0.41	*0.08*	32	**2.4**	*0.50*	0.27	*0.06*
Italy, Palermo	99	**2.7**	*0.29*	0.28	*0.03*	83	**2.1**	*0.25*	0.22	*0.03*
Italy, Parma	91	**4.3**	*0.57*	0.46	*0.06*	43	**1.2**	*0.27*	0.12	*0.03*
Italy, Ragusa	51	**4.5**	*0.67*	0.52	*0.08*	42	**3.0**	*0.52*	0.31	*0.06*
Italy, Reggio Emilia	35	**1.6**	*0.29*	0.15	*0.03*	47	**2.1**	*0.33*	0.24	*0.04*
Italy, Romagna	202	**3.4**	*0.27*	0.36	*0.03*	198	**3.1**	*0.28*	0.33	*0.03*
Italy, Salerno	177	**4.5**	*0.35*	0.51	*0.04*	104	**2.2**	*0.24*	0.23	*0.03*
Italy, Sassari	45	**2.1**	*0.33*	0.23	*0.04*	19	**0.9**	*0.22*	0.10	*0.03*
Italy, Sondrio	37	**4.6**	*0.78*	0.58	*0.11*	18	**2.1**	*0.56*	0.22	*0.06*
Italy, South Tyrol	38	**2.4**	*0.41*	0.32	*0.06*	37	**2.2**	*0.40*	0.25	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloproliferative disorders (MPD) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	29	**1.8**	*0.35*	0.20	*0.04*	14	**0.9**	*0.27*	0.10	*0.03*
Italy, Trapani	43	**2.9**	*0.52*	0.28	*0.06*	31	**2.1**	*0.43*	0.26	*0.05*
Italy, Trento	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Turin	107	**2.3**	*0.24*	0.28	*0.03*	80	**1.5**	*0.22*	0.18	*0.02*
Italy, Umbria	91	**2.4**	*0.27*	0.27	*0.03*	50	**0.8**	*0.14*	0.09	*0.02*
Italy, Varese	0	**-**	-	–	-	0	**-**	-	–	-
Italy, Veneto	195	**2.4**	*0.18*	0.30	*0.02*	156	**1.6**	*0.16*	0.17	*0.02*
Latvia	42	**0.7**	*0.11*	0.08	*0.01*	38	**0.4**	*0.08*	0.05	*0.01*
Lithuania	222	**2.0**	*0.14*	0.23	*0.02*	339	**2.1**	*0.12*	0.24	*0.02*
Malta	10	**0.7**	*0.22*	0.08	*0.03*	2	**0.1**	*0.06*	0.01	*0.01*
*The Netherlands	928	**1.4**	*0.05*	0.17	*0.01*	830	**1.1**	*0.04*	0.13	*0.01*
*The Netherlands, Eindhoven	41	**0.9**	*0.15*	0.11	*0.02*	47	**0.9**	*0.14*	0.12	*0.02*
Norway	381	**2.1**	*0.11*	0.25	*0.02*	389	**1.8**	*0.10*	0.22	*0.01*
Poland, Cracow	3	**0.1**	*0.07*	0.02	*0.01*	7	**0.2**	*0.09*	0.02	*0.01*
Poland, Kielce	1	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.01*	–	-
Poland, Lower Silesia	2	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	–	-
Poland, Podkarpackie	3	**0.0**	*0.03*	0.00	*0.00*	3	**0.0**	*0.02*	0.01	*0.00*
Portugal, Azores	17	**2.3**	*0.56*	0.33	*0.09*	11	**1.2**	*0.38*	0.17	*0.06*
Russian Federation, Saint Petersburg	16	**0.1**	*0.03*	0.01	*0.00*	24	**0.1**	*0.02*	0.01	*0.00*
*Serbia, Central	4	**0.0**	*0.01*	0.00	*0.00*	11	**0.0**	*0.02*	0.01	*0.00*
Slovakia	278	**1.7**	*0.10*	0.19	*0.01*	277	**1.2**	*0.08*	0.13	*0.01*
Slovenia	128	**1.6**	*0.15*	0.19	*0.02*	151	**1.7**	*0.15*	0.18	*0.02*
Spain, Albacete	17	**1.1**	*0.35*	0.10	*0.03*	18	**0.8**	*0.23*	0.09	*0.03*
Spain, Asturias	83	**1.6**	*0.23*	0.19	*0.03*	66	**1.0**	*0.17*	0.10	*0.02*
Spain, Basque Country	185	**1.9**	*0.15*	0.22	*0.02*	166	**1.5**	*0.14*	0.16	*0.02*
Spain, Canary Islands	64	**1.5**	*0.19*	0.18	*0.03*	57	**1.2**	*0.17*	0.13	*0.02*
Spain, Ciudad Real	9	**0.5**	*0.19*	0.07	*0.03*	7	**0.3**	*0.16*	0.04	*0.02*
Spain, Cuenca	33	**3.0**	*0.61*	0.36	*0.08*	28	**2.2**	*0.59*	0.24	*0.06*
Spain, Girona	100	**3.8**	*0.42*	0.41	*0.05*	82	**2.6**	*0.35*	0.25	*0.04*
*Spain, Granada	37	**1.2**	*0.20*	0.14	*0.03*	25	**0.7**	*0.15*	0.07	*0.02*
Spain, La Rioja	28	**1.9**	*0.40*	0.18	*0.05*	10	**0.3**	*0.10*	0.03	*0.02*
Spain, Mallorca	52	**1.7**	*0.24*	0.19	*0.03*	87	**2.4**	*0.29*	0.27	*0.04*
Spain, Murcia	79	**1.7**	*0.20*	0.19	*0.03*	57	**1.0**	*0.14*	0.11	*0.02*
Spain, Navarra	30	**1.0**	*0.21*	0.13	*0.03*	17	**0.5**	*0.15*	0.05	*0.02*
Spain, Tarragona	42	**1.5**	*0.25*	0.18	*0.03*	58	**1.5**	*0.23*	0.18	*0.03*
*Sweden	791	**1.9**	*0.07*	0.22	*0.01*	745	**1.4**	*0.06*	0.17	*0.01*
Switzerland, Basel	34	**1.7**	*0.32*	0.17	*0.04*	42	**1.7**	*0.31*	0.17	*0.04*
Switzerland, Geneva	52	**2.7**	*0.39*	0.28	*0.06*	64	**1.6**	*0.22*	0.11	*0.03*
Switzerland, Graubünden and Glarus	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, Neuchâtel	4	**0.6**	*0.30*	0.09	*0.05*	3	**0.2**	*0.16*	0.02	*0.02*
Switzerland, St Gall–Appenzell	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, Ticino	47	**3.1**	*0.47*	0.36	*0.06*	40	**2.4**	*0.44*	0.26	*0.05*
Switzerland, Valais	38	**3.1**	*0.52*	0.41	*0.08*	28	**1.9**	*0.39*	0.25	*0.06*
Switzerland, Vaud	0	**-**	-	–	-	0	**-**	-	–	-
Switzerland, Zurich	99	**1.9**	*0.20*	0.22	*0.03*	122	**2.0**	*0.20*	0.22	*0.03*
Ukraine	517	**0.4**	*0.02*	0.04	*0.00*	478	**0.3**	*0.01*	0.03	*0.00*
UK, England	485	**0.2**	*0.01*	0.03	*0.00*	380	**0.1**	*0.01*	0.02	*0.00*
UK, England, East of England Region	1	**0.0**	*0.00*	0.00	*0.00*	0	**-**	-	–	-
UK, England, North Western	483	**1.8**	*0.09*	0.20	*0.01*	379	**1.1**	*0.07*	0.12	*0.01*
UK, England, Northern and Yorkshire	1	**0.0**	*0.00*	–	-	1	**0.0**	*0.00*	0.00	*0.00*
UK, England, Oxford Region	0	**-**	-	–	-	0	**-**	-	–	-
UK, England, South and Western Regions	0	**-**	-	–	-	0	**-**	-	–	-
UK, England, Thames	0	**-**	-	–	-	0	**-**	-	–	-
UK, England, Trent	0	**-**	-	–	-	0	**-**	-	–	-
UK, England, West Midlands	0	**-**	-	–	-	0	**-**	-	–	-
UK, Northern Ireland	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	–	-
UK, Scotland	290	**1.4**	*0.08*	0.14	*0.01*	261	**0.9**	*0.07*	0.10	*0.01*
UK, Wales	0	**-**	-	–	-	0	**-**	-	–	-
Oceania										
Australian Capital Territory	16	**1.5**	*0.38*	0.16	*0.06*	22	**1.9**	*0.43*	0.23	*0.06*
Australia, New South Wales	697	**2.7**	*0.11*	0.29	*0.01*	585	**1.9**	*0.09*	0.20	*0.01*
Australia, Northern Territory	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Northern Territory: Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Northern Territory: Non–Indigenous	0	**-**	-	–	-	0	**-**	-	–	-
Australia, Queensland	456	**3.1**	*0.15*	0.35	*0.02*	334	**2.1**	*0.12*	0.23	*0.02*
South Australia	176	**2.8**	*0.23*	0.32	*0.03*	118	**1.5**	*0.16*	0.17	*0.02*
Australia, Tasmania	20	**1.2**	*0.28*	0.14	*0.04*	19	**0.9**	*0.23*	0.08	*0.02*
Australia, Victoria	458	**2.4**	*0.12*	0.27	*0.02*	446	**2.1**	*0.11*	0.24	*0.01*
Western Australia	161	**2.2**	*0.18*	0.24	*0.02*	132	**1.5**	*0.14*	0.15	*0.02*
New Zealand	647	**4.5**	*0.18*	0.51	*0.03*	573	**3.3**	*0.15*	0.37	*0.02*
New Zealand: Maori	93	**9.0**	*0.98*	1.01	*0.13*	99	**8.5**	*0.88*	0.99	*0.12*
New Zealand: Pacific Islander	53	**12.3**	*1.74*	1.38	*0.23*	30	**6.5**	*1.20*	0.92	*0.20*
New Zealand: Other	501	**3.8**	*0.18*	0.43	*0.02*	444	**2.6**	*0.14*	0.30	*0.02*
USA, Hawaii	97	**2.1**	*0.22*	0.24	*0.03*	120	**2.2**	*0.22*	0.26	*0.03*
*USA, Hawaii: Chinese	5	**1.4**	*0.71*	0.11	*0.08*	6	**1.4**	*0.63*	0.22	*0.11*
*USA, Hawaii: Filipino	22	**3.9**	*0.88*	0.49	*0.13*	31	**4.0**	*0.77*	0.45	*0.11*
*USA, Hawaii: Hawaiian	17	**2.8**	*0.70*	0.35	*0.11*	18	**2.3**	*0.59*	0.31	*0.09*
*USA, Hawaii: Japanese	18	**1.4**	*0.36*	0.16	*0.05*	20	**1.5**	*0.39*	0.17	*0.05*
*USA, Hawaii: White	23	**1.6**	*0.36*	0.19	*0.06*	24	**1.6**	*0.36*	0.17	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other and unspecified (O&U)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	99	**3.7**	*0.40*	–	-	100	**3.7**	*0.39*	–	-
Egypt, Gharbiah	430	**6.1**	*0.30*	0.72	*0.04*	288	**4.1**	*0.25*	0.51	*0.04*
*Libya, Benghazi	60	**4.7**	*0.63*	0.53	*0.10*	65	**4.9**	*0.64*	0.54	*0.10*
*Malawi, Blantyre	130	**10.6**	*1.16*	1.28	*0.18*	118	**10.7**	*1.17*	1.24	*0.16*
*South Africa, PROMEC	54	**3.6**	*0.50*	0.40	*0.06*	39	**1.5**	*0.25*	0.15	*0.03*
*Tunisia, North	380	**5.5**	*0.29*	0.64	*0.04*	276	**4.0**	*0.25*	0.43	*0.03*
*Uganda, Kyadondo County	109	**6.5**	*0.83*	0.73	*0.12*	138	**8.1**	*0.84*	0.93	*0.12*
*Zimbabwe, Harare: African	65	**6.7**	*0.96*	0.89	*0.15*	58	**6.3**	*0.98*	0.86	*0.16*
America, Central and South										
Argentina, Bahía Blanca	150	**15.6**	*1.39*	1.75	*0.19*	179	**14.7**	*1.29*	1.64	*0.16*
Argentina, Córdoba	322	**11.9**	*0.68*	1.44	*0.10*	390	**9.9**	*0.54*	1.15	*0.08*
Argentina, Mendoza	548	**12.1**	*0.53*	1.40	*0.08*	543	**9.2**	*0.42*	1.05	*0.06*
*Argentina, Tierra del Fuego	26	**17.4**	*3.55*	2.22	*0.54*	16	**8.7**	*2.30*	1.32	*0.43*
Brazil, Aracaju	51	**7.7**	*1.13*	0.77	*0.15*	73	**8.3**	*1.01*	0.92	*0.14*
Brazil, Belo Horizonte	346	**13.4**	*0.73*	1.58	*0.11*	386	**9.8**	*0.51*	1.09	*0.07*
Brazil, Cuiabá	113	**12.2**	*1.21*	1.45	*0.17*	123	**12.0**	*1.15*	1.37	*0.17*
Brazil, Fortaleza	381	**12.9**	*0.68*	1.48	*0.10*	472	**10.7**	*0.50*	1.11	*0.07*
Brazil, Goiânia	265	**13.3**	*0.84*	1.63	*0.13*	234	**8.9**	*0.60*	0.97	*0.08*
*Brazil, São Paulo	4937	**22.3**	*0.34*	2.51	*0.05*	5566	**18.2**	*0.27*	1.96	*0.04*
Chile, Region of Antofagasta	52	**4.5**	*0.65*	0.62	*0.10*	38	**3.1**	*0.51*	0.33	*0.07*
Chile, Bío Bío Province	55	**5.4**	*0.73*	0.63	*0.11*	53	**4.3**	*0.62*	0.39	*0.08*
Chile, Valdivia	110	**10.4**	*1.01*	1.08	*0.14*	144	**11.3**	*0.98*	1.22	*0.14*
Colombia, Bucaramanga	205	**9.5**	*0.68*	1.04	*0.10*	237	**8.5**	*0.57*	0.99	*0.08*
Colombia, Cali	482	**11.2**	*0.53*	1.22	*0.07*	526	**9.0**	*0.41*	1.00	*0.06*
Colombia, Manizales	75	**8.1**	*0.95*	0.93	*0.14*	77	**6.7**	*0.80*	0.72	*0.10*
Colombia, Pasto	42	**5.0**	*0.80*	0.56	*0.12*	62	**6.1**	*0.79*	0.71	*0.12*
Costa Rica	941	**10.2**	*0.34*	1.08	*0.05*	900	**8.9**	*0.31*	0.98	*0.05*
Cuba, Villa Clara	169	**7.0**	*0.57*	0.88	*0.08*	190	**7.0**	*0.56*	0.80	*0.08*
Ecuador, Cuenca	47	**5.5**	*0.83*	0.75	*0.14*	65	**5.2**	*0.70*	0.53	*0.09*
Ecuador, Quito	162	**5.6**	*0.46*	0.69	*0.07*	244	**6.7**	*0.45*	0.79	*0.07*
*France, Martinique	69	**4.6**	*0.58*	0.45	*0.07*	87	**4.6**	*0.54*	0.47	*0.07*
*Jamaica, Kingston and St Andrew	138	**10.0**	*0.88*	1.25	*0.13*	121	**7.0**	*0.68*	0.87	*0.10*
USA, Puerto Rico	924	**6.6**	*0.23*	0.72	*0.03*	814	**4.5**	*0.17*	0.49	*0.02*
Uruguay	1234	**17.5**	*0.52*	1.96	*0.07*	1159	**10.9**	*0.37*	1.10	*0.05*
America, North										
Canada	11616	**8.8**	*0.09*	0.93	*0.01*	12891	**7.4**	*0.07*	0.75	*0.01*
Canada, Alberta	811	**7.0**	*0.26*	0.73	*0.04*	975	**6.7**	*0.24*	0.71	*0.04*
Canada, British Columbia	1414	**7.5**	*0.21*	0.78	*0.03*	1679	**7.1**	*0.20*	0.73	*0.03*
Canada, Manitoba	348	**7.0**	*0.40*	0.74	*0.06*	395	**6.2**	*0.37*	0.69	*0.05*
Canada, New Brunswick	100	**2.8**	*0.29*	0.25	*0.04*	170	**3.5**	*0.31*	0.29	*0.04*
Canada, Newfoundland and Labrador	149	**6.7**	*0.56*	0.73	*0.08*	166	**7.3**	*0.63*	0.93	*0.09*
*Canada, Northwest Territories	5	**5.9**	*2.74*	0.90	*0.49*	3	**2.9**	*1.70*	0.06	*0.06*
Canada, Nova Scotia	443	**10.6**	*0.54*	1.16	*0.08*	428	**7.3**	*0.40*	0.76	*0.06*
Canada, Ontario	5474	**11.1**	*0.16*	1.18	*0.02*	5505	**8.3**	*0.13*	0.84	*0.02*
Canada, Prince Edward Island	58	**8.7**	*1.20*	0.65	*0.14*	56	**6.5**	*1.00*	0.73	*0.15*
*Canada, Quebec	2479	**7.9**	*0.17*	0.81	*0.02*	3110	**7.0**	*0.14*	0.69	*0.02*
Canada, Saskatchewan	329	**6.9**	*0.42*	0.71	*0.06*	393	**6.4**	*0.41*	0.66	*0.06*
*Canada, Yukon	6	**6.1**	*2.58*	1.07	*0.51*	11	**11.2**	*3.45*	0.62	*0.29*
USA, NPCR (42 states)	71198	**7.4**	*0.03*	0.83	*0.00*	82099	**6.3**	*0.02*	0.70	*0.00*
USA, NPCR (42 states): American Indian	354	**5.5**	*0.30*	0.64	*0.04*	438	**5.5**	*0.27*	0.62	*0.04*
USA, NPCR (42 states): Asian and Pacific Islander	1228	**3.8**	*0.11*	0.41	*0.02*	1471	**3.6**	*0.10*	0.37	*0.01*
USA, NPCR (42 states): Black	7549	**9.1**	*0.11*	1.06	*0.02*	9025	**7.3**	*0.08*	0.81	*0.01*
USA, NPCR (42 states): White	61274	**7.2**	*0.03*	0.81	*0.00*	70297	**6.2**	*0.03*	0.69	*0.00*
USA, SEER (9 registries)	5882	**5.9**	*0.08*	0.66	*0.01*	7228	**5.4**	*0.07*	0.59	*0.01*
*USA, SEER (9 registries): Black	586	**7.7**	*0.33*	0.92	*0.05*	708	**6.3**	*0.25*	0.68	*0.04*
*USA, SEER (9 registries): White	4821	**5.9**	*0.09*	0.65	*0.01*	5949	**5.4**	*0.08*	0.60	*0.01*
USA, SEER (18 registries)	19119	**6.7**	*0.05*	0.75	*0.01*	22573	**5.9**	*0.04*	0.65	*0.01*
*USA, SEER (18 registries): Asian and Pacific Islander	994	**4.3**	*0.14*	0.49	*0.02*	1178	**4.0**	*0.12*	0.43	*0.02*
*USA, SEER (18 registries): Black	1968	**8.6**	*0.20*	1.02	*0.03*	2222	**6.6**	*0.15*	0.72	*0.02*
*USA, SEER (18 registries): Hispanic White	1676	**5.9**	*0.15*	0.66	*0.02*	2160	**6.1**	*0.14*	0.66	*0.02*
*USA, SEER (18 registries): Non–Hispanic White	14239	**6.9**	*0.06*	0.76	*0.01*	16757	**6.0**	*0.05*	0.66	*0.01*
*USA, SEER (18 registries): White	15915	**6.7**	*0.06*	0.74	*0.01*	18917	**6.0**	*0.05*	0.66	*0.01*
USA, Alabama	1305	**7.9**	*0.23*	0.90	*0.03*	1343	**5.9**	*0.18*	0.68	*0.03*
USA, Alabama: Black	281	**9.5**	*0.58*	1.09	*0.08*	327	**7.1**	*0.42*	0.87	*0.06*
USA, Alabama: White	1014	**7.6**	*0.25*	0.86	*0.03*	1000	**5.6**	*0.20*	0.63	*0.03*
USA, Alaska	133	**7.5**	*0.68*	0.87	*0.10*	115	**5.8**	*0.57*	0.59	*0.08*
*USA, Alaska: American Indian	23	**9.5**	*2.03*	1.32	*0.33*	26	**8.3**	*1.68*	0.89	*0.26*
USA, Arizona	1848	**8.2**	*0.20*	0.97	*0.03*	1827	**6.5**	*0.17*	0.73	*0.02*
USA, Arizona: American Indian	42	**6.5**	*1.02*	0.57	*0.12*	65	**8.3**	*1.06*	0.91	*0.15*
USA, Arizona: Asian and Pacific Islander	20	**5.1**	*1.16*	0.44	*0.13*	17	**3.4**	*0.84*	0.34	*0.11*
USA, Arizona: Black	43	**9.1**	*1.42*	1.17	*0.21*	44	**7.9**	*1.23*	1.05	*0.20*
USA, Arizona: White	1735	**8.2**	*0.21*	0.98	*0.03*	1696	**6.4**	*0.18*	0.72	*0.03*
USA, Arkansas	760	**7.2**	*0.27*	0.79	*0.04*	857	**5.9**	*0.23*	0.68	*0.03*
USA, Arkansas: Black	104	**9.8**	*1.00*	1.06	*0.14*	117	**7.2**	*0.73*	0.87	*0.11*
USA, Arkansas: White	651	**6.9**	*0.28*	0.76	*0.04*	733	**5.7**	*0.24*	0.66	*0.03*
USA, California	8028	**6.7**	*0.08*	0.75	*0.01*	9591	**6.1**	*0.07*	0.67	*0.01*
USA, California: American Indian	36	**3.1**	*0.53*	0.34	*0.08*	54	**3.9**	*0.55*	0.39	*0.07*
USA, California: Asian and Pacific Islander	623	**4.2**	*0.18*	0.48	*0.03*	741	**3.8**	*0.15*	0.40	*0.02*
USA, California: Black	555	**8.8**	*0.38*	1.06	*0.06*	614	**6.9**	*0.29*	0.73	*0.04*
USA, California: White	6692	**6.8**	*0.09*	0.76	*0.01*	8059	**6.3**	*0.08*	0.70	*0.01*
USA, California, Los Angeles County	2070	**6.9**	*0.16*	0.78	*0.02*	2534	**6.2**	*0.14*	0.67	*0.02*
*USA, California, Los Angeles County: Asian and Pacific Islander	227	**4.9**	*0.33*	0.57	*0.05*	253	**4.2**	*0.29*	0.45	*0.04*
*USA, California, Los Angeles County: Black	245	**9.2**	*0.60*	1.12	*0.09*	271	**6.7**	*0.43*	0.72	*0.06*
*USA, California, Los Angeles County: Chinese	57	**4.1**	*0.57*	0.48	*0.08*	63	**4.0**	*0.57*	0.35	*0.07*
*USA, California, Los Angeles County: Filipino	62	**6.8**	*0.89*	0.83	*0.14*	60	**4.7**	*0.63*	0.57	*0.09*
*USA, California, Los Angeles County: Hispanic White	476	**6.3**	*0.30*	0.73	*0.05*	639	**6.2**	*0.26*	0.68	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other and unspecified (O&U) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	38	**5.0**	*0.93*	0.51	*0.13*	36	**4.5**	*0.93*	0.45	*0.12*
*USA, California, Los Angeles County: Korean	32	**5.2**	*0.93*	0.67	*0.16*	50	**5.1**	*0.76*	0.45	*0.10*
*USA, California, Los Angeles County: Non−Hispanic White	1099	**7.4**	*0.24*	0.81	*0.03*	1344	**6.8**	*0.22*	0.74	*0.03*
*USA, California, Los Angeles County: White	1575	**7.0**	*0.19*	0.78	*0.03*	1983	**6.5**	*0.17*	0.72	*0.02*
USA, California, San Francisco Bay Area	932	**6.0**	*0.21*	0.67	*0.03*	1233	**5.7**	*0.19*	0.61	*0.03*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	137	**4.2**	*0.38*	0.47	*0.05*	179	**3.8**	*0.31*	0.41	*0.05*
*USA, California, San Francisco Bay Area: Black	113	**9.3**	*0.90*	1.13	*0.14*	138	**7.5**	*0.71*	0.81	*0.10*
*USA, California, San Francisco Bay Area: Hispanic White	58	**4.0**	*0.56*	0.47	*0.09*	121	**6.2**	*0.61*	0.68	*0.09*
*USA, California, San Francisco Bay Area: Non−Hispanic White	610	**6.3**	*0.28*	0.69	*0.04*	785	**6.0**	*0.26*	0.64	*0.04*
*USA, California, San Francisco Bay Area: White	668	**6.0**	*0.25*	0.66	*0.04*	906	**6.0**	*0.24*	0.65	*0.03*
USA, Colorado	993	**6.4**	*0.21*	0.66	*0.03*	1221	**6.0**	*0.19*	0.64	*0.03*
USA, Colorado: Asian and Pacific Islander	17	**5.5**	*1.39*	0.44	*0.16*	17	**4.0**	*1.02*	0.32	*0.12*
USA, Colorado: Black	38	**7.7**	*1.29*	0.79	*0.16*	34	**6.7**	*1.19*	0.85	*0.18*
USA, Colorado: White	924	**6.3**	*0.21*	0.65	*0.03*	1153	**6.0**	*0.20*	0.63	*0.03*
USA, Connecticut	985	**7.2**	*0.24*	0.80	*0.04*	1155	**5.7**	*0.20*	0.61	*0.03*
*USA, Connecticut: Black	57	**7.2**	*0.97*	0.90	*0.14*	75	**6.0**	*0.73*	0.58	*0.10*
*USA, Connecticut: White	909	**7.2**	*0.26*	0.79	*0.04*	1065	**5.7**	*0.21*	0.62	*0.03*
USA, Delaware	231	**6.9**	*0.48*	0.74	*0.07*	265	**6.1**	*0.42*	0.66	*0.06*
USA, Delaware: Black	39	**9.5**	*1.55*	1.31	*0.25*	32	**5.2**	*0.96*	0.62	*0.16*
USA, Delaware: White	190	**6.4**	*0.50*	0.65	*0.07*	231	**6.4**	*0.49*	0.69	*0.07*
USA, Florida	7227	**9.4**	*0.12*	1.10	*0.02*	7052	**7.0**	*0.10*	0.79	*0.01*
USA, Florida: Asian and Pacific Islander	31	**3.0**	*0.55*	0.38	*0.08*	45	**3.3**	*0.50*	0.39	*0.07*
USA, Florida: Black	677	**10.5**	*0.41*	1.23	*0.06*	734	**8.3**	*0.32*	0.92	*0.05*
USA, Florida: White	6424	**9.3**	*0.13*	1.09	*0.02*	6191	**6.8**	*0.10*	0.78	*0.01*
USA, Georgia	2085	**7.7**	*0.17*	0.89	*0.03*	2277	**6.0**	*0.14*	0.67	*0.02*
USA, Georgia: Asian and Pacific Islander	21	**4.0**	*0.90*	0.49	*0.15*	22	**3.6**	*0.80*	0.46	*0.13*
USA, Georgia: Black	491	**9.1**	*0.42*	1.09	*0.06*	555	**6.5**	*0.29*	0.73	*0.04*
USA, Georgia: White	1568	**7.5**	*0.19*	0.84	*0.03*	1693	**5.9**	*0.16*	0.65	*0.02*
USA, Georgia, Atlanta	503	**6.2**	*0.28*	0.72	*0.04*	606	**5.4**	*0.24*	0.61	*0.04*
*USA, Georgia, Atlanta: Black	177	**8.5**	*0.67*	0.98	*0.10*	208	**6.4**	*0.47*	0.70	*0.07*
*USA, Georgia, Atlanta: White	316	**5.6**	*0.32*	0.66	*0.05*	378	**5.0**	*0.29*	0.57	*0.04*
USA, Idaho	345	**6.5**	*0.37*	0.72	*0.05*	389	**5.9**	*0.34*	0.61	*0.05*
USA, Illinois	2897	**6.4**	*0.12*	0.69	*0.02*	3714	**5.9**	*0.11*	0.65	*0.02*
USA, Illinois: Asian and Pacific Islander	33	**2.4**	*0.43*	0.26	*0.06*	62	**3.4**	*0.44*	0.30	*0.06*
USA, Illinois: Black	424	**8.9**	*0.44*	1.05	*0.06*	499	**6.9**	*0.33*	0.78	*0.05*
USA, Illinois: White	2410	**6.1**	*0.13*	0.66	*0.02*	3129	**5.8**	*0.12*	0.63	*0.02*
USA, Indiana	1696	**7.4**	*0.19*	0.80	*0.03*	1913	**6.0**	*0.16*	0.68	*0.02*
USA, Indiana: Black	121	**9.1**	*0.85*	1.03	*0.12*	158	**8.1**	*0.69*	0.93	*0.10*
USA, Indiana: White	1562	**7.3**	*0.19*	0.79	*0.03*	1742	**5.9**	*0.16*	0.66	*0.02*
USA, Iowa	739	**5.9**	*0.23*	0.63	*0.03*	988	**5.7**	*0.22*	0.62	*0.03*
USA, Kentucky	1211	**8.0**	*0.24*	0.89	*0.03*	1423	**6.9**	*0.20*	0.79	*0.03*
USA, Louisiana	1001	**8.4**	*0.28*	0.94	*0.04*	998	**6.0**	*0.21*	0.64	*0.03*
*USA, Louisiana: Black	297	**10.7**	*0.64*	1.17	*0.09*	267	**6.7**	*0.44*	0.74	*0.06*
*USA, Louisiana: White	691	**7.7**	*0.31*	0.87	*0.04*	725	**5.8**	*0.25*	0.61	*0.03*
*USA, Louisiana, New Orleans	211	**9.0**	*0.65*	1.00	*0.09*	223	**6.3**	*0.47*	0.63	*0.07*
*USA, Louisiana, New Orleans: Black	80	**11.3**	*1.29*	1.27	*0.18*	81	**7.9**	*0.92*	0.84	*0.13*
*USA, Louisiana, New Orleans: White	129	**8.4**	*0.78*	0.93	*0.11*	140	**5.5**	*0.56*	0.53	*0.08*
USA, Maine	531	**9.3**	*0.43*	1.00	*0.06*	647	**7.8**	*0.35*	0.86	*0.05*
USA, Massachusetts	1880	**7.4**	*0.18*	0.81	*0.03*	2306	**6.3**	*0.15*	0.71	*0.02*
USA, Massachusetts: Asian and Pacific Islander	28	**4.3**	*0.83*	0.44	*0.11*	31	**3.7**	*0.70*	0.32	*0.10*
USA, Massachusetts: Black	92	**9.8**	*1.05*	1.23	*0.16*	96	**6.9**	*0.74*	0.84	*0.12*
USA, Massachusetts: White	1752	**7.3**	*0.19*	0.80	*0.03*	2169	**6.3**	*0.16*	0.71	*0.02*
USA, Michigan	2742	**7.4**	*0.15*	0.82	*0.02*	3309	**6.7**	*0.13*	0.75	*0.02*
USA, Michigan: Asian and Pacific Islander	14	**2.7**	*0.77*	0.27	*0.12*	20	**3.2**	*0.72*	0.25	*0.08*
USA, Michigan: Black	326	**9.1**	*0.52*	1.07	*0.08*	360	**7.0**	*0.40*	0.77	*0.06*
USA, Michigan: White	2369	**7.1**	*0.16*	0.79	*0.02*	2896	**6.6**	*0.14*	0.75	*0.02*
USA, Michigan, Detroit	792	**5.6**	*0.21*	0.61	*0.03*	1060	**5.2**	*0.19*	0.56	*0.03*
*USA, Michigan, Detroit: Black	177	**6.7**	*0.52*	0.77	*0.08*	233	**6.0**	*0.43*	0.64	*0.06*
*USA, Michigan, Detroit: White	604	**5.4**	*0.24*	0.58	*0.03*	804	**4.9**	*0.21*	0.53	*0.03*
USA, Mississippi	805	**8.3**	*0.30*	0.95	*0.04*	813	**6.1**	*0.24*	0.69	*0.03*
USA, Missouri	1750	**7.8**	*0.20*	0.85	*0.03*	1982	**6.3**	*0.16*	0.70	*0.02*
USA, Missouri: Black	146	**8.8**	*0.75*	0.85	*0.10*	178	**6.8**	*0.55*	0.65	*0.07*
USA, Missouri: White	1586	**7.7**	*0.21*	0.85	*0.03*	1773	**6.3**	*0.17*	0.70	*0.03*
USA, Montana	264	**6.7**	*0.44*	0.76	*0.06*	282	**5.6**	*0.38*	0.62	*0.06*
USA, Montana: American Indian	8	**6.8**	*2.43*	0.99	*0.43*	24	**15.9**	*3.30*	1.80	*0.48*
USA, Nebraska	562	**8.1**	*0.37*	0.86	*0.05*	664	**7.4**	*0.34*	0.84	*0.05*
USA, Nebraska: Black	21	**14.1**	*3.16*	1.70	*0.47*	18	**7.6**	*1.89*	0.56	*0.19*
USA, Nebraska: White	530	**7.9**	*0.37*	0.82	*0.05*	634	**7.3**	*0.34*	0.83	*0.05*
USA, New Hampshire	377	**7.4**	*0.40*	0.82	*0.06*	393	**6.0**	*0.35*	0.65	*0.05*
USA, New Jersey	2321	**7.0**	*0.15*	0.75	*0.02*	2868	**6.2**	*0.13*	0.68	*0.02*
*USA, New Jersey: Black	265	**8.6**	*0.54*	0.94	*0.07*	335	**7.0**	*0.40*	0.77	*0.06*
*USA, New Jersey: White	1980	**6.9**	*0.17*	0.75	*0.02*	2445	**6.2**	*0.15*	0.68	*0.02*
USA, New Mexico	463	**6.5**	*0.32*	0.75	*0.05*	460	**5.3**	*0.27*	0.61	*0.04*
*USA, New Mexico: Hispanic White	123	**5.3**	*0.49*	0.56	*0.07*	149	**5.4**	*0.48*	0.58	*0.07*
*USA, New Mexico: Non−Hispanic White	303	**7.2**	*0.45*	0.83	*0.06*	275	**5.5**	*0.40*	0.63	*0.05*
*USA, New Mexico: White	426	**6.6**	*0.34*	0.74	*0.05*	424	**5.4**	*0.29*	0.61	*0.04*
USA, New York State	4749	**6.5**	*0.10*	0.70	*0.01*	6549	**6.2**	*0.09*	0.66	*0.01*
USA, New York State: Asian and Pacific Islander	131	**3.4**	*0.31*	0.33	*0.04*	132	**2.9**	*0.26*	0.31	*0.04*
USA, New York State: Black	631	**7.3**	*0.30*	0.80	*0.04*	890	**6.5**	*0.23*	0.73	*0.03*
USA, New York State: White	3922	**6.5**	*0.11*	0.70	*0.02*	5444	**6.2**	*0.10*	0.66	*0.01*
USA, North Carolina	2403	**7.9**	*0.17*	0.86	*0.02*	2727	**6.3**	*0.13*	0.67	*0.02*
USA, North Carolina: American Indian	16	**5.5**	*1.39*	0.71	*0.22*	13	**3.4**	*0.99*	0.36	*0.14*
USA, North Carolina: Asian and Pacific Islander	9	**3.1**	*1.07*	0.17	*0.09*	11	**2.8**	*0.87*	0.28	*0.12*
USA, North Carolina: Black	440	**9.4**	*0.46*	1.07	*0.07*	538	**7.4**	*0.35*	0.79	*0.05*
USA, North Carolina: White	1917	**7.6**	*0.18*	0.83	*0.03*	2141	**6.0**	*0.15*	0.64	*0.02*
USA, North Dakota	157	**5.8**	*0.51*	0.66	*0.07*	213	**5.9**	*0.49*	0.63	*0.07*
USA, Ohio	3524	**8.1**	*0.14*	0.92	*0.02*	4134	**6.8**	*0.12*	0.74	*0.02*
USA, Ohio: Asian and Pacific Islander	15	**3.8**	*1.02*	0.29	*0.12*	16	**3.4**	*0.87*	0.35	*0.12*
USA, Ohio: Black	354	**10.0**	*0.55*	1.16	*0.08*	459	**8.3**	*0.42*	0.88	*0.06*
USA, Ohio: White	3120	**7.9**	*0.15*	0.90	*0.02*	3610	**6.6**	*0.13*	0.72	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other and unspecified (O&U) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	897	**6.9**	*0.24*	0.79	*0.03*	979	**5.9**	*0.21*	0.69	*0.03*
USA, Oklahoma: American Indian	79	**10.6**	*1.21*	1.36	*0.18*	77	**7.2**	*0.86*	0.82	*0.13*
USA, Oklahoma: Black	50	**7.7**	*1.12*	0.98	*0.18*	56	**6.4**	*0.91*	0.74	*0.13*
USA, Oklahoma: White	753	**6.5**	*0.25*	0.74	*0.04*	815	**5.7**	*0.23*	0.66	*0.03*
USA, Oregon	1167	**8.0**	*0.25*	0.87	*0.04*	1241	**6.3**	*0.21*	0.67	*0.03*
USA, Oregon: Asian and Pacific Islander	18	**5.7**	*1.40*	0.73	*0.22*	17	**3.5**	*0.88*	0.38	*0.13*
USA, Oregon: Black	13	**7.9**	*2.27*	1.16	*0.41*	16	**7.7**	*2.11*	0.82	*0.32*
USA, Oregon: White	1105	**7.8**	*0.25*	0.86	*0.04*	1179	**6.3**	*0.22*	0.66	*0.03*
USA, Pennsylvania	4122	**7.8**	*0.13*	0.86	*0.02*	5323	**7.0**	*0.11*	0.78	*0.02*
USA, Pennsylvania: Asian and Pacific Islander	20	**3.0**	*0.68*	0.35	*0.10*	27	**3.6**	*0.71*	0.47	*0.12*
USA, Pennsylvania: Black	350	**10.2**	*0.56*	1.17	*0.08*	476	**8.8**	*0.44*	1.00	*0.06*
USA, Pennsylvania: White	3689	**7.5**	*0.13*	0.83	*0.02*	4757	**6.7**	*0.12*	0.76	*0.02*
USA, Rhode Island	316	**7.4**	*0.45*	0.80	*0.06*	427	**7.0**	*0.41*	0.79	*0.06*
USA, Rhode Island: Black	13	**10.4**	*2.95*	0.99	*0.43*	11	**6.3**	*1.94*	0.83	*0.33*
USA, Rhode Island: White	295	**7.3**	*0.46*	0.79	*0.07*	402	**6.9**	*0.42*	0.77	*0.06*
USA, South Carolina	1315	**8.7**	*0.25*	1.01	*0.04*	1378	**6.6**	*0.20*	0.72	*0.03*
USA, South Carolina: Black	320	**10.1**	*0.58*	1.25	*0.09*	347	**6.8**	*0.39*	0.68	*0.05*
USA, South Carolina: White	980	**8.3**	*0.28*	0.95	*0.04*	1019	**6.5**	*0.23*	0.73	*0.03*
USA, South Dakota	250	**7.7**	*0.53*	0.85	*0.08*	302	**6.7**	*0.47*	0.75	*0.07*
USA, Tennessee	1667	**7.7**	*0.19*	0.91	*0.03*	1783	**6.2**	*0.16*	0.69	*0.02*
USA, Tennessee: Black	177	**8.0**	*0.62*	0.92	*0.09*	247	**7.1**	*0.48*	0.80	*0.07*
USA, Tennessee: White	1474	**7.7**	*0.21*	0.91	*0.03*	1518	**6.1**	*0.18*	0.67	*0.02*
USA, Texas	5017	**7.2**	*0.10*	0.79	*0.01*	5280	**5.6**	*0.09*	0.61	*0.01*
USA, Texas: Asian and Pacific Islander	48	**2.7**	*0.40*	0.29	*0.06*	55	**2.7**	*0.38*	0.31	*0.06*
USA, Texas: Black	574	**9.5**	*0.41*	1.09	*0.06*	633	**7.1**	*0.30*	0.78	*0.04*
USA, Texas: White	4308	**6.9**	*0.11*	0.77	*0.02*	4507	**5.4**	*0.09*	0.59	*0.01*
USA, Utah	338	**4.7**	*0.27*	0.50	*0.04*	439	**5.3**	*0.27*	0.60	*0.04*
USA, Vermont	176	**6.9**	*0.55*	0.75	*0.08*	217	**6.0**	*0.46*	0.64	*0.07*
USA, Virginia	1886	**7.2**	*0.17*	0.82	*0.02*	2198	**6.2**	*0.15*	0.69	*0.02*
USA, Virginia: Asian and Pacific Islander	17	**2.0**	*0.49*	0.21	*0.06*	48	**4.3**	*0.64*	0.50	*0.10*
USA, Virginia: Black	344	**9.0**	*0.50*	1.10	*0.08*	418	**7.4**	*0.39*	0.84	*0.06*
USA, Virginia: White	1497	**7.0**	*0.19*	0.78	*0.03*	1706	**6.0**	*0.16*	0.66	*0.02*
USA, Washington State	1360	**6.0**	*0.17*	0.65	*0.02*	1546	**5.3**	*0.15*	0.60	*0.02*
USA, Washington, Seattle	855	**5.5**	*0.20*	0.60	*0.03*	1000	**5.1**	*0.18*	0.58	*0.03*
USA, West Virginia	556	**7.1**	*0.32*	0.76	*0.04*	565	**5.4**	*0.26*	0.59	*0.04*
USA, Wisconsin	1379	**6.3**	*0.18*	0.68	*0.03*	1700	**6.0**	*0.17*	0.67	*0.02*
USA, Wisconsin: Black	60	**10.0**	*1.34*	1.31	*0.21*	81	**9.8**	*1.12*	1.16	*0.17*
USA, Wisconsin: White	1256	**5.9**	*0.18*	0.65	*0.03*	1539	**5.7**	*0.17*	0.63	*0.02*
USA, Wyoming	107	**5.5**	*0.55*	0.61	*0.08*	137	**5.9**	*0.56*	0.71	*0.09*
Asia										
Bahrain: Bahraini	39	**5.5**	*0.90*	0.65	*0.14*	33	**4.8**	*0.85*	0.61	*0.13*
China, Beijing City	685	**2.6**	*0.13*	0.28	*0.01*	621	**2.0**	*0.09*	0.22	*0.01*
*China, Cixian County	17	**1.4**	*0.34*	0.19	*0.06*	13	**1.0**	*0.29*	0.08	*0.03*
China, Haining County	62	**3.0**	*0.39*	0.29	*0.05*	53	**2.2**	*0.32*	0.29	*0.05*
*China, Harbin City, Nangang District	52	**1.8**	*0.30*	0.19	*0.03*	52	**1.8**	*0.26*	0.18	*0.03*
China, Hong Kong	1791	**6.7**	*0.17*	0.70	*0.02*	1600	**4.7**	*0.14*	0.45	*0.02*
China, Jiashan County	28	**1.8**	*0.36*	0.23	*0.05*	18	**1.1**	*0.28*	0.14	*0.04*
China, Jiaxing City	46	**4.1**	*0.63*	0.38	*0.08*	34	**2.8**	*0.51*	0.31	*0.07*
China, Macao	56	**4.7**	*0.68*	0.50	*0.10*	47	**3.1**	*0.50*	0.39	*0.08*
China, Qidong County	27	**0.6**	*0.12*	0.06	*0.01*	34	**0.7**	*0.13*	0.07	*0.01*
*China, Shanghai City	1506	**5.2**	*0.16*	0.50	*0.02*	1510	**4.3**	*0.13*	0.43	*0.02*
*China, Wuhan City	602	**4.3**	*0.19*	0.47	*0.02*	564	**3.8**	*0.17*	0.44	*0.02*
*China, Yangcheng County	7	**0.8**	*0.29*	0.07	*0.03*	16	**1.8**	*0.46*	0.23	*0.06*
*China, Yanting County	14	**1.0**	*0.30*	0.09	*0.03*	7	**0.4**	*0.14*	0.03	*0.02*
*China, Zhongshan City	166	**6.1**	*0.48*	0.71	*0.07*	100	**3.0**	*0.32*	0.31	*0.04*
*India, Bangalore	613	**8.5**	*0.36*	1.05	*0.05*	458	**6.5**	*0.31*	0.74	*0.04*
*India; Barshi, Paranda, and Bhum	58	**4.8**	*0.68*	0.62	*0.09*	35	**2.8**	*0.51*	0.32	*0.06*
*India, Bhopal	252	**11.7**	*0.76*	1.36	*0.11*	121	**5.8**	*0.54*	0.70	*0.08*
*India, Chennai	668	**6.6**	*0.26*	0.79	*0.04*	440	**4.4**	*0.21*	0.49	*0.03*
*India, Dindigul, Ambilikkai	252	**5.4**	*0.34*	0.60	*0.04*	180	**3.7**	*0.28*	0.39	*0.03*
*India, Karunagappally	134	**12.7**	*1.10*	1.53	*0.16*	80	**6.1**	*0.69*	0.72	*0.10*
*India, Mizoram	393	**25.1**	*1.31*	2.68	*0.17*	264	**18.0**	*1.15*	2.06	*0.16*
*India, Mumbai	777	**3.1**	*0.12*	0.36	*0.02*	632	**2.6**	*0.11*	0.29	*0.01*
*India, New Delhi	1755	**6.8**	*0.17*	0.83	*0.02*	1018	**4.2**	*0.14*	0.49	*0.02*
*India, Poona	261	**3.6**	*0.23*	0.42	*0.03*	202	**2.7**	*0.19*	0.28	*0.02*
*India, Sikkim State	98	**10.8**	*1.12*	1.38	*0.17*	74	**10.2**	*1.23*	1.41	*0.20*
*India, Trivandrum	262	**16.4**	*1.02*	2.04	*0.16*	193	**10.2**	*0.75*	1.28	*0.11*
*Iran (Islamic Republic of), Golestan Province	52	**3.3**	*0.47*	0.43	*0.07*	48	**2.7**	*0.40*	0.33	*0.06*
Israel	1682	**8.3**	*0.21*	0.87	*0.03*	2010	**7.6**	*0.19*	0.77	*0.03*
*Israel: Jews	1514	**8.1**	*0.22*	0.84	*0.03*	1868	**7.7**	*0.20*	0.77	*0.03*
*Israel: Non–Jews	168	**9.9**	*0.79*	1.12	*0.12*	142	**7.2**	*0.62*	0.78	*0.09*
Japan, Aichi Prefecture	182	**2.9**	*0.23*	0.27	*0.03*	206	**2.4**	*0.19*	0.24	*0.03*
Japan, Fukui Prefecture	87	**1.8**	*0.22*	0.20	*0.03*	96	**1.3**	*0.17*	0.14	*0.02*
Japan, Hiroshima	152	**2.7**	*0.23*	0.30	*0.03*	152	**1.9**	*0.20*	0.18	*0.02*
Japan, Miyagi Prefecture	469	**3.6**	*0.18*	0.35	*0.02*	457	**2.6**	*0.16*	0.24	*0.02*
Japan, Nagasaki Prefecture	177	**1.9**	*0.17*	0.18	*0.02*	261	**2.1**	*0.21*	0.17	*0.02*
Japan, Niigata Prefecture	480	**3.1**	*0.17*	0.31	*0.02*	560	**2.4**	*0.16*	0.20	*0.02*
*Japan, Osaka Prefecture	1358	**3.2**	*0.10*	0.31	*0.01*	1453	**2.2**	*0.07*	0.21	*0.01*
Japan, Saga Prefecture	122	**2.4**	*0.24*	0.25	*0.03*	155	**1.9**	*0.20*	0.20	*0.03*
Republic of Korea	5014	**4.1**	*0.06*	0.45	*0.01*	4474	**2.6**	*0.04*	0.26	*0.01*
Republic of Korea, Busan	365	**4.1**	*0.23*	0.46	*0.03*	328	**2.5**	*0.14*	0.24	*0.02*
Republic of Korea, Daegu	268	**4.7**	*0.30*	0.53	*0.04*	234	**2.9**	*0.19*	0.30	*0.03*
Republic of Korea, Daejeon	103	**3.4**	*0.35*	0.37	*0.05*	111	**2.6**	*0.26*	0.24	*0.03*
Republic of Korea, Gwangju	164	**5.5**	*0.45*	0.67	*0.07*	157	**3.5**	*0.29*	0.34	*0.04*
Republic of Korea, Incheon	215	**3.8**	*0.27*	0.40	*0.04*	172	**2.2**	*0.17*	0.23	*0.02*
Republic of Korea, Jejudo	39	**3.5**	*0.59*	0.33	*0.07*	52	**2.6**	*0.38*	0.31	*0.06*
Republic of Korea, Seoul	747	**3.1**	*0.12*	0.35	*0.02*	783	**2.5**	*0.09*	0.24	*0.01*
Republic of Korea, Ulsan	78	**4.2**	*0.51*	0.52	*0.08*	66	**2.5**	*0.33*	0.23	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other and unspecified (O&U) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	117	**3.3**	*0.40*	0.35	*0.05*	96	**3.9**	*0.45*	0.45	*0.07*
*Kuwait: Kuwaitis	49	**4.3**	*0.63*	0.46	*0.09*	52	**3.8**	*0.56*	0.45	*0.08*
*Kuwait: Non−Kuwaitis	68	**2.7**	*0.57*	0.29	*0.07*	44	**4.3**	*0.82*	0.48	*0.12*
*Malaysia, Penang	134	**5.9**	*0.52*	0.66	*0.07*	105	**3.9**	*0.38*	0.43	*0.05*
*Malaysia, Penang: Chinese	90	**6.7**	*0.72*	0.69	*0.09*	63	**4.0**	*0.51*	0.40	*0.06*
*Malaysia, Penang: Indian	9	**3.8**	*1.36*	0.49	*0.22*	13	**5.0**	*1.45*	0.71	*0.25*
*Malaysia, Penang: Malay	33	**4.5**	*0.83*	0.60	*0.14*	27	**2.9**	*0.58*	0.35	*0.08*
*Philippines, Manila	771	**9.8**	*0.39*	1.21	*0.06*	910	**9.0**	*0.31*	1.04	*0.05*
*Philippines, Rizal	760	**9.0**	*0.35*	1.02	*0.05*	763	**7.2**	*0.28*	0.84	*0.04*
Qatar: Qatari	13	**5.4**	*1.60*	0.64	*0.23*	4	**1.4**	*0.74*	0.15	*0.10*
*Saudi Arabia, Riyadh: Saudi	198	**4.4**	*0.32*	0.50	*0.05*	208	**4.7**	*0.34*	0.52	*0.05*
Singapore	502	**5.3**	*0.24*	0.58	*0.03*	455	**3.9**	*0.19*	0.39	*0.03*
Singapore: Chinese	412	**5.3**	*0.27*	0.57	*0.04*	391	**4.0**	*0.21*	0.40	*0.03*
Singapore: Indian	31	**4.5**	*0.85*	0.56	*0.13*	21	**3.0**	*0.69*	0.31	*0.10*
Singapore: Malay	53	**5.7**	*0.81*	0.71	*0.12*	36	**3.2**	*0.55*	0.35	*0.08*
Thailand, Bangkok	1602	**11.9**	*0.31*	1.32	*0.04*	1286	**7.2**	*0.21*	0.79	*0.03*
Thailand, Chiang Mai	469	**10.5**	*0.50*	1.23	*0.07*	472	**9.9**	*0.48*	1.18	*0.07*
Thailand, Chonburi	155	**5.6**	*0.47*	0.66	*0.07*	113	**3.5**	*0.34*	0.39	*0.05*
*Thailand, Khon Kaen	316	**7.6**	*0.43*	0.93	*0.06*	227	**4.6**	*0.31*	0.56	*0.05*
Thailand, Lampang	261	**10.5**	*0.66*	1.24	*0.09*	223	**8.2**	*0.57*	0.93	*0.08*
*Thailand, Songkhla	183	**7.2**	*0.54*	0.87	*0.08*	131	**4.3**	*0.38*	0.45	*0.05*
*Turkey, Antalya	243	**6.6**	*0.43*	0.70	*0.06*	159	**4.3**	*0.34*	0.49	*0.05*
*Turkey, Edirne	102	**10.3**	*1.05*	1.26	*0.14*	59	**5.3**	*0.72*	0.65	*0.10*
*Turkey, Izmir	1025	**11.0**	*0.35*	1.29	*0.05*	740	**6.8**	*0.26*	0.80	*0.04*
*Turkey, Trabzon	57	**5.1**	*0.69*	0.60	*0.09*	40	**2.9**	*0.50*	0.29	*0.06*
Europe										
Austria	1431	**4.1**	*0.12*	0.41	*0.01*	1864	**3.3**	*0.10*	0.32	*0.01*
Austria, Tyrol	124	**4.4**	*0.40*	0.44	*0.06*	145	**3.2**	*0.32*	0.30	*0.04*
Austria, Vorarlberg	54	**4.0**	*0.57*	0.44	*0.08*	83	**4.5**	*0.59*	0.41	*0.07*
*Belarus	1943	**6.6**	*0.16*	0.82	*0.02*	1404	**3.0**	*0.09*	0.36	*0.01*
*Belgium	2584	**7.0**	*0.15*	0.80	*0.02*	2215	**4.7**	*0.12*	0.52	*0.02*
Bulgaria	4174	**12.8**	*0.21*	1.56	*0.03*	2762	**6.5**	*0.14*	0.74	*0.02*
Croatia	2179	**12.4**	*0.28*	1.34	*0.04*	2010	**7.3**	*0.19*	0.75	*0.02*
Cyprus	311	**10.4**	*0.62*	0.98	*0.08*	289	**8.3**	*0.55*	0.84	*0.07*
Czech Republic	3835	**9.7**	*0.17*	1.04	*0.02*	4097	**6.7**	*0.12*	0.68	*0.02*
Denmark	3821	**15.6**	*0.26*	1.74	*0.04*	4371	**14.1**	*0.24*	1.55	*0.03*
*Estonia	394	**8.6**	*0.44*	1.10	*0.06*	337	**4.3**	*0.28*	0.46	*0.03*
Finland	1462	**6.2**	*0.17*	0.66	*0.02*	2103	**5.5**	*0.14*	0.54	*0.02*
*France, Bas−Rhin	400	**9.4**	*0.49*	1.09	*0.07*	426	**6.2**	*0.36*	0.61	*0.05*
*France, Calvados	218	**8.0**	*0.58*	0.84	*0.08*	186	**4.7**	*0.42*	0.50	*0.05*
*France, Doubs	120	**5.9**	*0.56*	0.72	*0.08*	107	**3.7**	*0.42*	0.41	*0.06*
*France, Haut−Rhin	178	**5.8**	*0.45*	0.70	*0.07*	142	**3.5**	*0.34*	0.39	*0.05*
*France, Hérault	306	**6.7**	*0.41*	0.75	*0.06*	278	**4.1**	*0.30*	0.42	*0.04*
*France, Isère	291	**6.2**	*0.38*	0.64	*0.05*	266	**4.1**	*0.29*	0.42	*0.04*
*France, Loire−Atlantique	458	**9.6**	*0.48*	1.03	*0.06*	355	**5.1**	*0.33*	0.54	*0.04*
*France, Manche	179	**7.5**	*0.62*	0.85	*0.08*	148	**4.2**	*0.43*	0.47	*0.06*
*France, Somme	226	**9.7**	*0.69*	1.07	*0.09*	212	**6.4**	*0.53*	0.68	*0.07*
*France, Tarn	171	**7.9**	*0.69*	0.77	*0.09*	172	**5.2**	*0.52*	0.48	*0.07*
*France, Vendée	232	**8.3**	*0.60*	0.95	*0.08*	161	**4.4**	*0.42*	0.46	*0.05*
Germany, Brandenburg	837	**7.0**	*0.26*	0.73	*0.03*	944	**5.3**	*0.23*	0.50	*0.03*
Germany, Bremen	271	**8.2**	*0.53*	0.89	*0.07*	240	**5.0**	*0.40*	0.52	*0.05*
Germany, Free State of Saxony	1786	**8.3**	*0.21*	0.91	*0.03*	2106	**5.7**	*0.15*	0.57	*0.02*
Germany, Hamburg	548	**7.2**	*0.33*	0.82	*0.04*	595	**4.7**	*0.24*	0.47	*0.03*
Germany, Mecklenburg−Western Pomerania	732	**9.3**	*0.36*	1.02	*0.05*	688	**5.7**	*0.26*	0.56	*0.03*
Germany, Munich	1344	**7.5**	*0.22*	0.77	*0.03*	1394	**5.1**	*0.16*	0.51	*0.02*
Germany, North Rhine−Westphalia	942	**8.0**	*0.27*	0.92	*0.04*	970	**5.7**	*0.22*	0.60	*0.03*
Germany, Saarland	399	**7.8**	*0.42*	0.80	*0.05*	377	**4.5**	*0.28*	0.48	*0.04*
Germany, Schleswig−Holstein	845	**6.1**	*0.22*	0.66	*0.03*	1060	**4.8**	*0.18*	0.47	*0.02*
Iceland	65	**5.6**	*0.74*	0.62	*0.11*	101	**8.3**	*0.91*	0.98	*0.13*
Ireland	1364	**9.3**	*0.26*	0.95	*0.04*	1529	**8.0**	*0.23*	0.80	*0.03*
Italy, Biella	76	**5.8**	*0.74*	0.54	*0.10*	92	**4.6**	*0.63*	0.46	*0.08*
Italy, Brescia	237	**6.3**	*0.44*	0.68	*0.06*	262	**4.7**	*0.37*	0.45	*0.04*
Italy, Catania and Messina	324	**7.0**	*0.44*	0.70	*0.05*	319	**4.5**	*0.32*	0.39	*0.04*
Italy, Catanzaro	84	**7.1**	*0.86*	0.68	*0.11*	98	**7.3**	*0.99*	0.61	*0.09*
Italy, Como	171	**5.9**	*0.49*	0.62	*0.07*	186	**3.8**	*0.34*	0.36	*0.05*
Italy, Ferrara	171	**6.8**	*0.58*	0.67	*0.08*	209	**4.9**	*0.45*	0.43	*0.06*
Italy, Florence and Prato	286	**6.3**	*0.42*	0.65	*0.06*	308	**4.7**	*0.35*	0.44	*0.04*
Italy, Friuli−Venezia Giulia	584	**8.1**	*0.37*	0.90	*0.05*	645	**5.6**	*0.29*	0.56	*0.04*
Italy, Genoa	309	**6.8**	*0.49*	0.65	*0.06*	368	**4.6**	*0.37*	0.43	*0.04*
Italy, Latina	130	**5.3**	*0.50*	0.62	*0.07*	143	**4.2**	*0.40*	0.44	*0.06*
Italy, Lecco	97	**6.6**	*0.79*	0.68	*0.09*	107	**5.1**	*0.63*	0.48	*0.07*
Italy, Lombardy, South	157	**7.0**	*0.60*	0.72	*0.08*	184	**5.6**	*0.51*	0.57	*0.06*
Italy, Mantua	103	**8.0**	*0.94*	0.75	*0.11*	91	**4.1**	*0.54*	0.40	*0.07*
Italy, Milan	422	**7.2**	*0.39*	0.69	*0.05*	537	**5.3**	*0.31*	0.47	*0.04*
Italy, Modena	238	**5.9**	*0.42*	0.61	*0.06*	291	**4.7**	*0.35*	0.47	*0.05*
Italy, Naples	141	**7.8**	*0.68*	0.82	*0.09*	152	**6.0**	*0.52*	0.65	*0.08*
Italy, Nuoro	54	**4.2**	*0.63*	0.46	*0.09*	64	**3.9**	*0.57*	0.44	*0.08*
Italy, Palermo	257	**5.6**	*0.38*	0.60	*0.05*	297	**4.6**	*0.31*	0.52	*0.04*
Italy, Parma	179	**6.7**	*0.56*	0.70	*0.08*	192	**4.8**	*0.45*	0.49	*0.06*
Italy, Ragusa	99	**6.7**	*0.75*	0.65	*0.09*	95	**4.4**	*0.52*	0.49	*0.08*
Italy, Reggio Emilia	150	**5.3**	*0.48*	0.52	*0.06*	191	**4.0**	*0.37*	0.41	*0.06*
Italy, Romagna	443	**6.0**	*0.32*	0.62	*0.04*	569	**5.2**	*0.31*	0.47	*0.04*
Italy, Salerno	202	**3.5**	*0.27*	0.33	*0.04*	201	**2.7**	*0.23*	0.26	*0.03*
Italy, Sassari	164	**7.3**	*0.64*	0.66	*0.08*	150	**5.1**	*0.50*	0.46	*0.06*
Italy, Sondrio	79	**8.9**	*1.04*	1.01	*0.15*	72	**4.5**	*0.67*	0.37	*0.08*
Italy, South Tyrol	114	**6.7**	*0.66*	0.69	*0.09*	117	**4.1**	*0.49*	0.32	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other and unspecified (O&U) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	110	**5.4**	*0.56*	0.53	*0.08*	91	**4.1**	*0.52*	0.41	*0.06*
Italy, Trapani	88	**4.9**	*0.58*	0.54	*0.08*	91	**3.6**	*0.47*	0.38	*0.06*
Italy, Trento	221	**10.9**	*0.79*	1.18	*0.11*	198	**5.6**	*0.51*	0.53	*0.07*
Italy, Turin	280	**5.0**	*0.36*	0.44	*0.04*	347	**3.8**	*0.28*	0.33	*0.03*
Italy, Umbria	128	**2.3**	*0.23*	0.23	*0.03*	137	**2.0**	*0.23*	0.20	*0.03*
Italy, Varese	270	**6.1**	*0.40*	0.56	*0.05*	326	**4.7**	*0.32*	0.44	*0.04*
Italy, Veneto	618	**6.5**	*0.29*	0.65	*0.04*	689	**4.4**	*0.22*	0.41	*0.03*
Latvia	473	**7.7**	*0.36*	0.94	*0.05*	490	**4.3**	*0.24*	0.47	*0.03*
Lithuania	1124	**10.0**	*0.31*	1.17	*0.04*	1106	**5.4**	*0.19*	0.59	*0.02*
Malta	183	**10.9**	*0.83*	1.17	*0.12*	183	**8.8**	*0.72*	1.00	*0.10*
*The Netherlands	6447	**9.4**	*0.12*	1.05	*0.02*	6882	**7.8**	*0.11*	0.88	*0.02*
*The Netherlands, Eindhoven	473	**11.0**	*0.52*	1.23	*0.07*	477	**8.8**	*0.44*	0.91	*0.06*
Norway	1307	**6.1**	*0.18*	0.63	*0.03*	1789	**6.1**	*0.18*	0.64	*0.03*
Poland, Cracow	211	**9.3**	*0.66*	0.99	*0.09*	286	**7.2**	*0.50*	0.66	*0.06*
Poland, Kielce	500	**10.5**	*0.49*	1.21	*0.07*	420	**5.8**	*0.33*	0.60	*0.04*
Poland, Lower Silesia	1288	**13.2**	*0.39*	1.50	*0.05*	1297	**8.4**	*0.27*	0.89	*0.03*
Poland, Podkarpackie	655	**9.3**	*0.38*	1.03	*0.05*	647	**6.2**	*0.29*	0.58	*0.03*
Portugal, Azores	101	**12.8**	*1.31*	1.54	*0.19*	59	**4.8**	*0.69*	0.49	*0.10*
Russian Federation, Saint Petersburg	577	**4.1**	*0.18*	0.47	*0.02*	725	**2.6**	*0.12*	0.29	*0.01*
*Serbia, Central	1781	**8.2**	*0.21*	0.95	*0.03*	1689	**6.5**	*0.19*	0.72	*0.02*
Slovakia	1434	**8.5**	*0.23*	0.98	*0.03*	1339	**5.3**	*0.16*	0.55	*0.02*
Slovenia	710	**9.0**	*0.35*	1.01	*0.05*	813	**6.7**	*0.28*	0.75	*0.04*
Spain, Albacete	146	**7.7**	*0.76*	0.83	*0.10*	132	**4.9**	*0.56*	0.43	*0.07*
Spain, Asturias	645	**11.3**	*0.50*	1.20	*0.06*	553	**6.1**	*0.35*	0.60	*0.04*
Spain, Basque Country	1025	**9.9**	*0.34*	1.06	*0.04*	832	**5.3**	*0.24*	0.48	*0.03*
Spain, Canary Islands	506	**10.4**	*0.48*	1.18	*0.07*	369	**6.1**	*0.35*	0.62	*0.05*
Spain, Ciudad Real	142	**7.0**	*0.67*	0.75	*0.09*	125	**4.2**	*0.47*	0.43	*0.06*
Spain, Cuenca	83	**6.2**	*0.83*	0.59	*0.10*	72	**3.8**	*0.58*	0.42	*0.08*
Spain, Girona	288	**9.0**	*0.58*	0.86	*0.08*	235	**5.2**	*0.43*	0.50	*0.06*
*Spain, Granada	334	**9.1**	*0.54*	1.09	*0.08*	279	**5.1**	*0.36*	0.52	*0.05*
Spain, La Rioja	116	**7.1**	*0.74*	0.71	*0.10*	114	**4.2**	*0.50*	0.31	*0.06*
Spain, Mallorca	188	**5.7**	*0.46*	0.56	*0.06*	191	**4.1**	*0.37*	0.37	*0.04*
Spain, Murcia	374	**7.3**	*0.40*	0.79	*0.05*	321	**4.3**	*0.28*	0.42	*0.04*
Spain, Navarra	184	**6.0**	*0.49*	0.58	*0.06*	194	**4.0**	*0.39*	0.35	*0.05*
Spain, Tarragona	191	**5.6**	*0.45*	0.57	*0.06*	179	**4.3**	*0.40*	0.39	*0.05*
*Sweden	3549	**8.0**	*0.15*	0.94	*0.02*	4760	**8.7**	*0.15*	1.03	*0.02*
Switzerland, Basel	144	**6.9**	*0.63*	0.79	*0.08*	179	**5.6**	*0.49*	0.63	*0.07*
Switzerland, Geneva	97	**5.1**	*0.54*	0.48	*0.07*	92	**3.3**	*0.47*	0.26	*0.05*
Switzerland, Graubünden and Glarus	48	**4.1**	*0.63*	0.48	*0.10*	77	**5.3**	*0.72*	0.56	*0.10*
Switzerland, Neuchâtel	56	**6.8**	*1.01*	0.70	*0.14*	58	**4.3**	*0.71*	0.38	*0.09*
Switzerland, St Gall–Appenzell	111	**4.7**	*0.47*	0.49	*0.07*	122	**3.4**	*0.37*	0.33	*0.05*
Switzerland, Ticino	91	**5.4**	*0.59*	0.62	*0.09*	93	**3.2**	*0.42*	0.26	*0.05*
Switzerland, Valais	75	**5.7**	*0.70*	0.58	*0.09*	65	**3.3**	*0.55*	0.30	*0.07*
Switzerland, Vaud	158	**5.3**	*0.45*	0.56	*0.06*	150	**3.6**	*0.36*	0.35	*0.05*
Switzerland, Zurich	267	**4.4**	*0.29*	0.44	*0.04*	336	**4.1**	*0.26*	0.44	*0.04*
Ukraine	13971	**9.2**	*0.08*	1.13	*0.01*	11531	**4.9**	*0.05*	0.58	*0.01*
UK, England	25585	**10.7**	*0.07*	1.11	*0.01*	31495	**9.7**	*0.07*	1.01	*0.01*
UK, England, East of England Region	2847	**10.2**	*0.21*	1.05	*0.03*	3382	**8.9**	*0.18*	0.90	*0.03*
UK, England, North Western	3629	**11.8**	*0.21*	1.25	*0.03*	4424	**10.4**	*0.19*	1.09	*0.03*
UK, England, Northern and Yorkshire	3675	**11.4**	*0.20*	1.15	*0.03*	4819	**11.1**	*0.19*	1.20	*0.03*
UK, England, Oxford Region	1206	**9.9**	*0.30*	1.05	*0.04*	1525	**9.7**	*0.29*	0.99	*0.04*
UK, England, South and Western Regions	3482	**9.6**	*0.18*	1.01	*0.02*	4338	**8.6**	*0.16*	0.89	*0.02*
UK, England, Thames	4994	**10.2**	*0.15*	1.07	*0.02*	6347	**9.3**	*0.14*	0.97	*0.02*
UK, England, Trent	1654	**10.9**	*0.29*	1.10	*0.04*	1921	**10.0**	*0.27*	1.04	*0.04*
UK, England, West Midlands	2908	**11.2**	*0.22*	1.18	*0.03*	3410	**9.8**	*0.20*	1.02	*0.03*
UK, Northern Ireland	764	**11.2**	*0.42*	1.16	*0.06*	1020	**10.7**	*0.38*	1.17	*0.06*
UK, Scotland	2720	**11.3**	*0.23*	1.21	*0.03*	3479	**9.9**	*0.20*	1.00	*0.03*
UK, Wales	1685	**11.0**	*0.29*	1.17	*0.04*	2003	**9.5**	*0.26*	0.97	*0.04*
Oceania										
Australian Capital Territory	87	**8.5**	*0.93*	0.94	*0.14*	114	**8.9**	*0.90*	1.04	*0.14*
Australia, New South Wales	3165	**11.0**	*0.21*	1.14	*0.03*	3122	**8.6**	*0.18*	0.91	*0.03*
Australia, Northern Territory	69	**16.2**	*2.11*	1.70	*0.29*	45	**10.5**	*1.68*	1.24	*0.28*
Australia, Northern Territory: Indigenous	17	**27.3**	*7.11*	2.98	*1.04*	20	**20.0**	*4.69*	2.83	*0.81*
Australia, Northern Territory: Non–Indigenous	51	**14.0**	*2.15*	1.47	*0.28*	25	**7.0**	*1.51*	0.61	*0.20*
Australia, Queensland	1465	**9.3**	*0.25*	1.00	*0.04*	1424	**7.3**	*0.22*	0.75	*0.03*
South Australia	690	**9.7**	*0.40*	1.07	*0.06*	777	**8.2**	*0.35*	0.88	*0.05*
Australia, Tasmania	177	**8.1**	*0.64*	0.84	*0.09*	221	**8.0**	*0.62*	0.78	*0.08*
Australia, Victoria	1906	**8.6**	*0.21*	0.82	*0.03*	2141	**7.2**	*0.18*	0.68	*0.03*
Western Australia	612	**7.7**	*0.32*	0.77	*0.05*	620	**6.3**	*0.28*	0.62	*0.04*
New Zealand	1332	**8.2**	*0.24*	0.83	*0.03*	1416	**6.9**	*0.21*	0.69	*0.03*
New Zealand: Maori	121	**14.1**	*1.37*	1.45	*0.18*	115	**10.4**	*1.00*	1.05	*0.13*
New Zealand: Pacific Islander	45	**13.1**	*2.20*	1.25	*0.25*	43	**9.5**	*1.48*	0.96	*0.19*
New Zealand: Other	1166	**7.7**	*0.24*	0.77	*0.03*	1258	**6.5**	*0.22*	0.65	*0.03*
USA, Hawaii	275	**5.5**	*0.36*	0.70	*0.06*	287	**4.6**	*0.31*	0.51	*0.04*
*USA, Hawaii: Chinese	17	**5.2**	*1.43*	0.62	*0.23*	28	**7.2**	*1.72*	0.57	*0.17*
*USA, Hawaii: Filipino	34	**5.5**	*1.06*	0.69	*0.16*	35	**5.0**	*0.91*	0.65	*0.13*
*USA, Hawaii: Hawaiian	45	**7.5**	*1.18*	1.00	*0.19*	60	**6.7**	*0.93*	0.67	*0.12*
*USA, Hawaii: Japanese	70	**4.3**	*0.59*	0.49	*0.09*	66	**3.2**	*0.50*	0.36	*0.07*
*USA, Hawaii: White	90	**6.9**	*0.76*	0.96	*0.13*	77	**4.9**	*0.64*	0.62	*0.11*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites (C00-96)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	2542	**99.6**	*2.11*	–	-	2531	**98.1**	*2.03*	–	-
Egypt, Gharbiah	9957	**137.1**	*1.44*	16.06	*0.21*	9670	**125.1**	*1.31*	14.02	*0.18*
*Libya, Benghazi	1786	**138.5**	*3.44*	16.62	*0.55*	1610	**110.0**	*2.93*	12.32	*0.43*
*Malawi, Blantyre	3518	**226.4**	*4.75*	23.28	*0.65*	3304	**237.8**	*5.18*	24.32	*0.65*
*South Africa, PROMEC	1113	**73.6**	*2.27*	8.54	*0.30*	1694	**67.4**	*1.72*	7.46	*0.20*
*Tunisia, North	8994	**129.9**	*1.40*	15.49	*0.20*	7097	**99.7**	*1.21*	10.84	*0.15*
*Uganda, Kyadondo County	2983	**180.8**	*4.37*	21.03	*0.70*	3936	**214.9**	*4.27*	24.88	*0.61*
*Zimbabwe, Harare: African	2857	**244.5**	*5.55*	26.75	*0.80*	3177	**299.5**	*6.45*	35.35	*0.98*
America, Central and South										
Argentina, Bahía Blanca	2554	**280.2**	*5.96*	33.45	*0.84*	2721	**238.3**	*5.27*	26.11	*0.64*
Argentina, Córdoba	7186	**264.2**	*3.17*	31.27	*0.45*	8264	**233.3**	*2.71*	25.97	*0.34*
Argentina, Mendoza	10802	**242.5**	*2.40*	28.44	*0.34*	11594	**223.8**	*2.18*	25.09	*0.28*
*Argentina, Tierra del Fuego	438	**247.3**	*12.79*	28.02	*1.82*	461	**213.2**	*10.77*	24.54	*1.56*
Brazil, Aracaju	2691	**462.6**	*9.26*	54.46	*1.41*	2964	**329.6**	*6.28*	36.89	*0.87*
Brazil, Belo Horizonte	9815	**382.7**	*3.93*	45.14	*0.59*	9620	**248.7**	*2.60*	27.14	*0.35*
Brazil, Cuiabá	3112	**360.1**	*6.81*	41.61	*1.01*	3127	**292.1**	*5.51*	32.32	*0.78*
Brazil, Fortaleza	6966	**239.0**	*2.95*	27.36	*0.43*	8566	**199.0**	*2.21*	21.79	*0.30*
Brazil, Goiânia	12441	**631.9**	*5.81*	73.92	*0.87*	12827	**474.6**	*4.30*	52.84	*0.61*
*Brazil, São Paulo	92254	**423.7**	*1.51*	47.64	*0.21*	102439	**334.1**	*1.13*	35.74	*0.15*
Chile, Region of Antofagasta	3112	**279.7**	*5.15*	32.47	*0.77*	2799	**214.3**	*4.15*	24.00	*0.58*
Chile, Bío Bío Province	2145	**211.0**	*4.62*	23.42	*0.67*	1910	**174.2**	*4.10*	18.92	*0.55*
Chile, Valdivia	2535	**246.5**	*4.99*	28.02	*0.72*	2354	**202.8**	*4.32*	21.75	*0.56*
Colombia, Bucaramanga	4205	**198.2**	*3.13*	22.95	*0.47*	4819	**173.9**	*2.58*	19.40	*0.35*
Colombia, Cali	9646	**226.6**	*2.38*	26.50	*0.36*	11476	**202.2**	*1.95*	22.63	*0.26*
Colombia, Manizales	1530	**168.4**	*4.38*	19.60	*0.63*	1887	**162.1**	*3.81*	18.11	*0.50*
Colombia, Pasto	1133	**144.4**	*4.40*	16.57	*0.64*	1507	**153.3**	*4.04*	17.01	*0.54*
Costa Rica	20634	**228.4**	*1.64*	25.94	*0.25*	20202	**202.5**	*1.47*	22.07	*0.20*
Cuba, Villa Clara	5267	**203.8**	*3.00*	23.49	*0.42*	4381	**172.8**	*2.80*	18.77	*0.36*
Ecuador, Cuenca	1294	**139.9**	*4.11*	15.80	*0.61*	1855	**160.0**	*3.90*	17.48	*0.52*
Ecuador, Quito	6652	**222.1**	*2.85*	25.34	*0.42*	8059	**221.9**	*2.59*	24.30	*0.35*
*France, Martinique	4480	**314.8**	*4.91*	38.88	*0.73*	2699	**158.6**	*3.32*	17.06	*0.41*
*Jamaica, Kingston and St Andrew	2539	**184.6**	*3.77*	23.08	*0.58*	2424	**142.8**	*3.05*	16.34	*0.42*
USA, Puerto Rico	34772	**257.8**	*1.44*	31.16	*0.21*	26768	**174.5**	*1.13*	19.34	*0.14*
Uruguay	22533	**338.5**	*2.36*	39.95	*0.33*	20156	**244.2**	*1.91*	26.75	*0.24*
America, North										
Canada	408846	**335.0**	*0.55*	40.21	*0.08*	374637	**273.6**	*0.49*	30.97	*0.06*
Canada, Alberta	35595	**330.1**	*1.81*	39.90	*0.27*	31784	**268.6**	*1.61*	30.70	*0.22*
Canada, British Columbia	51603	**298.4**	*1.39*	35.52	*0.20*	45612	**245.6**	*1.27*	27.88	*0.17*
Canada, Manitoba	19563	**430.7**	*3.26*	51.06	*0.48*	18181	**351.2**	*2.92*	39.82	*0.39*
Canada, New Brunswick	11207	**371.1**	*3.68*	45.50	*0.54*	9381	**273.0**	*3.12*	30.88	*0.41*
Canada, Newfoundland and Labrador	6461	**314.2**	*4.07*	38.98	*0.59*	5375	**245.6**	*3.60*	28.56	*0.47*
*Canada, Northwest Territories	299	**326.3**	*19.91*	39.42	*3.07*	269	**287.6**	*18.67*	35.31	*2.95*
Canada, Nova Scotia	14669	**383.0**	*3.32*	46.28	*0.48*	12574	**286.0**	*2.82*	32.66	*0.37*
Canada, Ontario	151508	**330.9**	*0.89*	40.23	*0.13*	141483	**274.6**	*0.79*	31.01	*0.10*
Canada, Prince Edward Island	2194	**398.0**	*8.90*	48.34	*1.27*	1731	**276.8**	*7.33*	32.13	*0.98*
*Canada, Quebec	102001	**341.6**	*1.12*	39.88	*0.16*	96549	**279.3**	*0.99*	31.41	*0.13*
Canada, Saskatchewan	13491	**336.3**	*3.13*	41.60	*0.46*	11451	**262.0**	*2.77*	30.25	*0.37*
*Canada, Yukon	255	**275.9**	*17.84*	37.46	*2.96*	247	**252.1**	*16.71*	28.69	*2.40*
USA, NPCR (42 states)	3292397	**363.4**	*0.21*	44.23	*0.03*	3026577	**284.6**	*0.18*	32.52	*0.02*
USA, NPCR (42 states): American Indian	13749	**214.9**	*1.87*	26.43	*0.29*	14266	**187.4**	*1.61*	21.86	*0.23*
USA, NPCR (42 states): Asian and Pacific Islander	56120	**180.9**	*0.78*	21.34	*0.12*	65517	**169.2**	*0.68*	18.90	*0.09*
USA, NPCR (42 states): Black	342222	**425.5**	*0.74*	52.95	*0.11*	306017	**270.8**	*0.51*	31.19	*0.07*
USA, NPCR (42 states): White	2813869	**357.0**	*0.22*	43.35	*0.03*	2596617	**287.5**	*0.20*	32.86	*0.03*
USA, SEER (9 registries)	338878	**364.2**	*0.65*	44.13	*0.10*	315309	**288.2**	*0.56*	32.80	*0.07*
*USA, SEER (9 registries): Black	33625	**446.6**	*2.51*	55.71	*0.38*	29964	**282.3**	*1.70*	32.65	*0.24*
*USA, SEER (9 registries): White	277627	**366.2**	*0.73*	44.21	*0.11*	258122	**297.2**	*0.64*	33.82	*0.09*
USA, SEER (18 registries)	959490	**359.4**	*0.38*	43.54	*0.06*	891421	**282.6**	*0.32*	32.18	*0.04*
*USA, SEER (18 registries): Asian and Pacific Islander	49537	**226.6**	*1.05*	27.06	*0.16*	54171	**204.7**	*0.92*	22.84	*0.12*
*USA, SEER (18 registries): Black	97063	**435.0**	*1.43*	54.33	*0.21*	85764	**275.8**	*0.98*	31.76	*0.14*
*USA, SEER (18 registries): Hispanic White	76521	**272.7**	*1.03*	33.08	*0.16*	79127	**229.6**	*0.85*	25.79	*0.12*
*USA, SEER (18 registries): Non–Hispanic White	716214	**373.7**	*0.47*	45.04	*0.07*	659664	**301.0**	*0.41*	34.31	*0.05*
*USA, SEER (18 registries): White	792735	**359.5**	*0.42*	43.42	*0.06*	738791	**290.2**	*0.37*	33.09	*0.05*
USA, Alabama	60656	**379.6**	*1.59*	46.68	*0.23*	50977	**267.5**	*1.28*	30.79	*0.17*
USA, Alabama: Black	12457	**430.1**	*3.96*	53.60	*0.59*	10641	**254.3**	*2.60*	29.40	*0.35*
USA, Alabama: White	47268	**366.7**	*1.76*	44.94	*0.25*	39704	**271.5**	*1.50*	31.17	*0.19*
USA, Alaska	6277	**351.9**	*4.59*	42.75	*0.70*	5576	**298.3**	*4.14*	34.37	*0.60*
*USA, Alaska: American Indian	849	**348.9**	*12.24*	41.72	*1.81*	1008	**362.1**	*11.69*	42.57	*1.65*
USA, Arizona	64857	**307.3**	*1.27*	38.08	*0.19*	57646	**248.9**	*1.12*	28.49	*0.15*
USA, Arizona: American Indian	1182	**187.4**	*5.58*	21.23	*0.80*	1308	**168.8**	*4.76*	19.24	*0.66*
USA, Arizona: Asian and Pacific Islander	506	**149.4**	*6.78*	17.87	*1.02*	671	**136.7**	*5.38*	15.55	*0.73*
USA, Arizona: Black	1482	**295.6**	*7.88*	37.42	*1.19*	1317	**231.2**	*6.55*	27.15	*0.94*
USA, Arizona: White	59823	**304.7**	*1.32*	37.71	*0.19*	53485	**250.7**	*1.18*	28.71	*0.15*
USA, Arkansas	38692	**377.6**	*2.00*	46.71	*0.29*	31735	**269.8**	*1.65*	31.23	*0.22*
USA, Arkansas: Black	4193	**420.1**	*6.72*	52.34	*1.01*	3610	**258.7**	*4.57*	29.65	*0.62*
USA, Arkansas: White	33998	**372.1**	*2.12*	46.05	*0.31*	27730	**271.7**	*1.80*	31.48	*0.23*
USA, California	374344	**334.2**	*0.57*	40.29	*0.09*	352297	**269.2**	*0.49*	30.64	*0.07*
USA, California: American Indian	1315	**120.1**	*3.41*	15.00	*0.53*	1343	**100.8**	*2.84*	11.70	*0.42*
USA, California: Asian and Pacific Islander	29589	**209.9**	*1.27*	25.07	*0.19*	33173	**192.7**	*1.11*	21.44	*0.15*
USA, California: Black	24838	**398.5**	*2.58*	49.63	*0.38*	21916	**268.9**	*1.89*	31.11	*0.26*
USA, California: White	307256	**339.2**	*0.64*	40.85	*0.10*	289563	**278.4**	*0.56*	31.79	*0.08*
USA, California, Los Angeles County	91299	**320.9**	*1.11*	38.63	*0.17*	90068	**261.2**	*0.93*	29.63	*0.13*
*USA, California, Los Angeles County: Asian and Pacific Islander	10442	**233.7**	*2.39*	27.83	*0.36*	11437	**212.1**	*2.09*	23.67	*0.27*
*USA, California, Los Angeles County: Black	10398	**398.3**	*3.98*	49.38	*0.58*	10039	**274.3**	*2.86*	31.75	*0.39*
*USA, California, Los Angeles County: Chinese	3015	**221.9**	*4.32*	25.82	*0.62*	2938	**188.6**	*3.71*	20.32	*0.48*
*USA, California, Los Angeles County: Filipino	2429	**278.4**	*5.88*	33.58	*0.86*	3173	**261.3**	*4.83*	29.51	*0.62*
*USA, California, Los Angeles County: Hispanic White	19603	**257.0**	*1.93*	31.04	*0.30*	21637	**215.5**	*1.53*	24.19	*0.21*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites (C00-96) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	1610	**266.4**	*8.27*	29.80	*1.08*	1641	**243.6**	*7.28*	26.45	*0.85*
*USA, California, Los Angeles County: Korean	1587	**257.7**	*6.60*	32.38	*1.04*	1561	**192.4**	*5.08*	20.93	*0.66*
*USA, California, Los Angeles County: Non−Hispanic White	47982	**360.6**	*1.79*	43.11	*0.25*	45976	**310.3**	*1.67*	35.32	*0.21*
*USA, California, Los Angeles County: White	67585	**319.6**	*1.29*	38.43	*0.19*	67613	**269.3**	*1.12*	30.60	*0.15*
USA, California, San Francisco Bay Area	48993	**338.8**	*1.61*	41.16	*0.24*	46497	**271.6**	*1.38*	30.90	*0.19*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	7385	**234.0**	*2.86*	28.31	*0.42*	7957	**207.4**	*2.48*	22.94	*0.32*
*USA, California, San Francisco Bay Area: Black	4835	**412.9**	*6.11*	51.59	*0.91*	4406	**280.6**	*4.50*	32.66	*0.62*
*USA, California, San Francisco Bay Area: Hispanic White	4219	**293.4**	*4.77*	36.14	*0.74*	4442	**245.3**	*3.88*	27.59	*0.54*
*USA, California, San Francisco Bay Area: Non−Hispanic White	31320	**363.1**	*2.21*	43.91	*0.32*	29019	**297.6**	*1.99*	34.26	*0.27*
*USA, California, San Francisco Bay Area: White	35539	**352.3**	*1.98*	42.74	*0.30*	33461	**288.8**	*1.75*	33.16	*0.24*
USA, Colorado	48066	**330.1**	*1.55*	40.00	*0.23*	45092	**268.6**	*1.34*	30.49	*0.18*
USA, Colorado: Asian and Pacific Islander	481	**173.5**	*8.18*	20.48	*1.27*	679	**170.1**	*6.75*	19.70	*0.96*
USA, Colorado: Black	1685	**373.7**	*9.42*	46.88	*1.40*	1240	**237.5**	*6.95*	28.23	*1.00*
USA, Colorado: White	44373	**323.9**	*1.59*	39.20	*0.24*	42219	**268.9**	*1.39*	30.46	*0.19*
USA, Connecticut	48916	**385.1**	*1.84*	46.37	*0.27*	47937	**311.9**	*1.59*	35.32	*0.21*
*USA, Connecticut: Black	3367	**427.2**	*7.50*	54.78	*1.14*	2997	**267.5**	*5.02*	31.04	*0.70*
*USA, Connecticut: White	44604	**383.5**	*1.94*	45.95	*0.28*	44038	**317.8**	*1.71*	35.90	*0.22*
USA, Delaware	12391	**406.3**	*3.81*	49.39	*0.55*	10858	**306.3**	*3.18*	35.15	*0.42*
USA, Delaware: Black	1955	**483.2**	*11.12*	61.00	*1.66*	1660	**300.5**	*7.64*	34.40	*1.05*
USA, Delaware: White	10182	**394.0**	*4.14*	47.61	*0.58*	8976	**308.4**	*3.60*	35.43	*0.46*
USA, Florida	267238	**359.4**	*0.76*	44.38	*0.11*	229858	**276.7**	*0.65*	31.66	*0.08*
USA, Florida: Asian and Pacific Islander	1160	**110.0**	*3.28*	13.41	*0.49*	1583	**113.1**	*2.90*	13.21	*0.40*
USA, Florida: Black	24546	**388.9**	*2.53*	48.80	*0.38*	20962	**248.9**	*1.78*	28.37	*0.24*
USA, Florida: White	237273	**355.7**	*0.81*	43.81	*0.11*	204130	**281.0**	*0.72*	32.13	*0.09*
USA, Georgia	98892	**377.5**	*1.22*	46.32	*0.18*	88591	**274.0**	*0.97*	31.30	*0.13*
USA, Georgia: Asian and Pacific Islander	696	**135.6**	*5.31*	16.76	*0.82*	912	**134.6**	*4.62*	15.32	*0.67*
USA, Georgia: Black	23816	**443.1**	*2.96*	55.91	*0.45*	21287	**261.9**	*1.87*	30.03	*0.26*
USA, Georgia: White	73633	**364.7**	*1.38*	44.39	*0.20*	65831	**281.5**	*1.17*	32.11	*0.15*
USA, Georgia, Atlanta	29203	**359.5**	*2.17*	44.04	*0.33*	27873	**267.8**	*1.68*	30.54	*0.24*
*USA, Georgia, Atlanta: Black	9488	**439.8**	*4.77*	55.26	*0.74*	8880	**265.0**	*2.96*	30.44	*0.43*
*USA, Georgia, Atlanta: White	18912	**340.3**	*2.55*	41.24	*0.39*	18143	**277.6**	*2.20*	31.50	*0.30*
USA, Idaho	17103	**346.2**	*2.76*	41.77	*0.41*	14619	**278.1**	*2.48*	31.69	*0.33*
USA, Illinois	157754	**375.5**	*0.99*	45.48	*0.15*	150124	**295.1**	*0.83*	33.74	*0.11*
USA, Illinois: Asian and Pacific Islander	1899	**140.4**	*3.27*	16.53	*0.49*	2385	**144.7**	*3.03*	16.54	*0.42*
USA, Illinois: Black	21043	**459.6**	*3.23*	56.74	*0.47*	19312	**293.1**	*2.19*	34.04	*0.30*
USA, Illinois: White	131204	**364.5**	*1.06*	44.03	*0.16*	126092	**296.8**	*0.93*	33.87	*0.12*
USA, Indiana	76971	**359.3**	*1.35*	43.67	*0.20*	73813	**290.0**	*1.16*	33.40	*0.16*
USA, Indiana: Black	5246	**405.9**	*5.76*	49.90	*0.85*	4990	**283.5**	*4.20*	33.11	*0.59*
USA, Indiana: White	69958	**351.6**	*1.39*	42.69	*0.20*	67587	**288.7**	*1.22*	33.21	*0.16*
USA, Iowa	41691	**365.6**	*1.91*	43.96	*0.28*	38877	**295.6**	*1.70*	33.65	*0.22*
USA, Kentucky	58765	**402.8**	*1.72*	49.02	*0.25*	54334	**316.0**	*1.46*	36.41	*0.19*
USA, Louisiana	47084	**408.8**	*1.95*	50.22	*0.29*	39384	**282.5**	*1.53*	32.41	*0.20*
*USA, Louisiana: Black	12586	**473.5**	*4.32*	59.31	*0.65*	10552	**285.6**	*2.90*	32.75	*0.39*
*USA, Louisiana: White	34066	**392.6**	*2.22*	47.88	*0.32*	28510	**284.5**	*1.85*	32.64	*0.24*
*USA, Louisiana, New Orleans	8735	**385.4**	*4.30*	47.51	*0.64*	7860	**274.3**	*3.36*	31.56	*0.45*
*USA, Louisiana, New Orleans: Black	2947	**443.8**	*8.38*	55.75	*1.27*	2634	**278.7**	*5.61*	32.51	*0.79*
*USA, Louisiana, New Orleans: White	5633	**368.5**	*5.26*	44.69	*0.76*	5121	**278.8**	*4.48*	31.82	*0.57*
USA, Maine	21475	**404.1**	*2.91*	48.74	*0.42*	19480	**320.0**	*2.55*	36.50	*0.33*
USA, Massachusetts	89664	**391.7**	*1.38*	47.51	*0.20*	88067	**315.1**	*1.18*	35.96	*0.16*
USA, Massachusetts: Asian and Pacific Islander	1217	**182.3**	*5.37*	22.50	*0.83*	1474	**183.9**	*4.98*	20.92	*0.70*
USA, Massachusetts: Black	3802	**402.2**	*6.71*	50.68	*1.02*	3250	**248.1**	*4.48*	28.53	*0.62*
USA, Massachusetts: White	82789	**390.5**	*1.44*	47.24	*0.21*	82182	**319.6**	*1.25*	36.47	*0.16*
USA, Michigan	137232	**387.1**	*1.09*	46.75	*0.16*	123968	**300.5**	*0.93*	34.25	*0.12*
USA, Michigan: Asian and Pacific Islander	672	**136.6**	*5.41*	15.58	*0.79*	799	**135.5**	*4.93*	15.46	*0.70*
USA, Michigan: Black	16876	**477.6**	*3.80*	59.14	*0.57*	14945	**306.5**	*2.63*	35.46	*0.36*
USA, Michigan: White	114994	**368.1**	*1.14*	44.27	*0.17*	105812	**297.4**	*1.01*	33.84	*0.13*
USA, Michigan, Detroit	56075	**413.3**	*1.83*	50.11	*0.27*	51896	**312.2**	*1.50*	35.92	*0.20*
*USA, Michigan, Detroit: Black	12737	**493.9**	*4.53*	61.05	*0.68*	11398	**309.8**	*3.06*	36.00	*0.42*
*USA, Michigan, Detroit: White	41683	**391.8**	*2.04*	47.18	*0.30*	39472	**316.3**	*1.78*	36.24	*0.24*
USA, Mississippi	37515	**400.1**	*2.13*	49.87	*0.31*	30799	**269.7**	*1.65*	31.19	*0.22*
USA, Missouri	75907	**365.9**	*1.39*	44.66	*0.20*	70589	**285.9**	*1.18*	32.83	*0.16*
USA, Missouri: Black	6794	**442.2**	*5.50*	54.46	*0.81*	6446	**287.0**	*3.74*	32.87	*0.51*
USA, Missouri: White	67977	**358.9**	*1.45*	43.75	*0.21*	63162	**286.5**	*1.26*	32.89	*0.17*
USA, Montana	13116	**351.2**	*3.23*	43.39	*0.48*	11243	**280.9**	*2.91*	32.23	*0.39*
USA, Montana: American Indian	502	**401.5**	*18.31*	47.37	*2.69*	547	**358.1**	*15.56*	39.89	*2.13*
USA, Nebraska	23202	**367.4**	*2.56*	44.35	*0.38*	20979	**289.6**	*2.23*	33.15	*0.30*
USA, Nebraska: Black	659	**425.1**	*17.00*	53.37	*2.55*	564	**279.7**	*12.28*	32.44	*1.74*
USA, Nebraska: White	21892	**360.0**	*2.59*	43.49	*0.38*	19932	**287.8**	*2.29*	32.96	*0.30*
USA, New Hampshire	17883	**382.8**	*2.99*	46.35	*0.44*	16806	**315.9**	*2.66*	36.02	*0.35*
USA, New Jersey	118876	**390.7**	*1.19*	47.17	*0.17*	114838	**310.1**	*1.01*	34.97	*0.13*
*USA, New Jersey: Black	13104	**430.3**	*3.82*	53.73	*0.57*	12071	**277.5**	*2.61*	31.73	*0.35*
*USA, New Jersey: White	99861	**388.6**	*1.31*	46.77	*0.19*	97776	**319.7**	*1.15*	36.06	*0.15*
USA, New Mexico	21272	**318.9**	*2.28*	39.37	*0.33*	18902	**253.4**	*1.97*	28.79	*0.26*
*USA, New Mexico: Hispanic White	5935	**277.3**	*3.70*	34.06	*0.55*	5481	**224.4**	*3.16*	24.86	*0.42*
*USA, New Mexico: Non−Hispanic White	14100	**363.3**	*3.33*	44.69	*0.46*	12085	**288.2**	*2.98*	32.92	*0.37*
*USA, New Mexico: White	20035	**330.8**	*2.45*	40.83	*0.35*	17566	**263.5**	*2.15*	29.91	*0.28*
USA, New York State	255769	**380.0**	*0.79*	45.77	*0.11*	248646	**299.3**	*0.66*	33.85	*0.09*
USA, New York State: Asian and Pacific Islander	6511	**177.2**	*2.24*	20.67	*0.33*	7015	**165.8**	*2.03*	18.19	*0.27*
USA, New York State: Black	34033	**409.7**	*2.26*	50.91	*0.33*	31995	**256.3**	*1.49*	29.18	*0.20*
USA, New York State: White	209864	**380.9**	*0.88*	45.71	*0.13*	204782	**310.5**	*0.77*	35.19	*0.10*
USA, North Carolina	111124	**381.6**	*1.18*	46.89	*0.17*	99559	**284.3**	*0.97*	32.57	*0.13*
USA, North Carolina: American Indian	818	**298.1**	*10.60*	38.61	*1.66*	666	**191.8**	*7.59*	22.13	*1.06*
USA, North Carolina: Asian and Pacific Islander	395	**124.7**	*6.52*	15.02	*0.99*	585	**137.2**	*5.90*	15.13	*0.81*
USA, North Carolina: Black	20986	**454.8**	*3.21*	56.49	*0.48*	17951	**273.4**	*2.14*	31.54	*0.29*
USA, North Carolina: White	87986	**367.6**	*1.29*	45.06	*0.19*	79530	**288.0**	*1.11*	32.93	*0.14*
USA, North Dakota	9007	**366.4**	*4.17*	44.93	*0.61*	7774	**289.6**	*3.73*	33.70	*0.49*
USA, Ohio	148630	**360.6**	*0.98*	43.66	*0.14*	142222	**289.9**	*0.84*	33.23	*0.11*
USA, Ohio: Asian and Pacific Islander	445	**112.4**	*5.44*	12.77	*0.79*	554	**111.6**	*4.85*	12.75	*0.69*
USA, Ohio: Black	14654	**422.6**	*3.60*	52.88	*0.53*	13663	**284.4**	*2.56*	32.83	*0.35*
USA, Ohio: White	129801	**349.1**	*1.02*	42.18	*0.15*	125153	**286.8**	*0.90*	32.86	*0.12*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites (C00-96) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	47573	**373.0**	*1.79*	45.24	*0.26*	43435	**297.8**	*1.56*	34.36	*0.20*
USA, Oklahoma: American Indian	3303	**426.9**	*7.55*	52.82	*1.15*	3399	**363.3**	*6.43*	41.98	*0.89*
USA, Oklahoma: Black	2648	**420.3**	*8.38*	52.12	*1.28*	2370	**285.7**	*6.13*	33.30	*0.86*
USA, Oklahoma: White	40849	**363.9**	*1.90*	44.06	*0.27*	37041	**292.8**	*1.68*	33.78	*0.22*
USA, Oregon	46903	**346.3**	*1.68*	42.01	*0.25*	44687	**294.1**	*1.52*	33.76	*0.20*
USA, Oregon: Asian and Pacific Islander	589	**179.8**	*7.62*	21.09	*1.15*	776	**175.5**	*6.54*	19.26	*0.88*
USA, Oregon: Black	581	**340.3**	*14.66*	41.25	*2.22*	447	**243.2**	*12.02*	27.26	*1.67*
USA, Oregon: White	44185	**342.3**	*1.72*	41.46	*0.25*	42002	**291.5**	*1.57*	33.52	*0.21*
USA, Pennsylvania	187525	**387.4**	*0.96*	46.90	*0.14*	178602	**308.7**	*0.83*	35.15	*0.11*
USA, Pennsylvania: Asian and Pacific Islander	1043	**157.5**	*4.96*	18.11	*0.72*	1167	**146.8**	*4.40*	16.66	*0.62*
USA, Pennsylvania: Black	15196	**464.8**	*3.89*	57.28	*0.57*	14402	**305.4**	*2.70*	35.38	*0.37*
USA, Pennsylvania: White	167339	**376.4**	*0.99*	45.50	*0.14*	160505	**307.0**	*0.88*	34.92	*0.11*
USA, Rhode Island	15331	**392.7**	*3.38*	47.10	*0.50*	14993	**317.5**	*2.92*	36.09	*0.38*
USA, Rhode Island: Black	489	**351.1**	*16.54*	42.02	*2.45*	491	**280.5**	*13.12*	32.04	*1.80*
USA, Rhode Island: White	14401	**391.6**	*3.50*	46.96	*0.51*	14154	**318.6**	*3.06*	36.21	*0.40*
USA, South Carolina	57817	**390.0**	*1.67*	48.02	*0.24*	49346	**280.0**	*1.35*	32.14	*0.18*
USA, South Carolina: Black	13796	**446.5**	*3.89*	56.42	*0.58*	11401	**260.6**	*2.56*	29.78	*0.35*
USA, South Carolina: White	43189	**373.2**	*1.87*	45.59	*0.27*	37279	**286.4**	*1.62*	32.89	*0.21*
USA, South Dakota	10381	**340.6**	*3.58*	41.24	*0.53*	8943	**268.1**	*3.20*	30.86	*0.42*
USA, Tennessee	75361	**362.0**	*1.36*	44.34	*0.20*	68474	**280.0**	*1.15*	32.27	*0.15*
USA, Tennessee: Black	8845	**398.0**	*4.36*	49.16	*0.65*	8827	**274.2**	*3.05*	31.83	*0.42*
USA, Tennessee: White	65696	**358.0**	*1.45*	43.82	*0.21*	58807	**281.1**	*1.26*	32.35	*0.16*
USA, Texas	236827	**352.7**	*0.75*	42.82	*0.11*	212788	**269.5**	*0.62*	30.74	*0.08*
USA, Texas: Asian and Pacific Islander	2248	**130.4**	*2.83*	15.14	*0.43*	2796	**127.0**	*2.47*	14.26	*0.35*
USA, Texas: Black	25808	**437.5**	*2.80*	53.61	*0.42*	22773	**278.4**	*1.92*	32.08	*0.27*
USA, Texas: White	202500	**342.8**	*0.79*	41.56	*0.12*	182854	**268.8**	*0.67*	30.64	*0.09*
USA, Utah	21456	**324.2**	*2.29*	39.89	*0.34*	17585	**240.3**	*1.91*	27.15	*0.26*
USA, Vermont	8736	**370.9**	*4.15*	45.50	*0.61*	8456	**317.6**	*3.77*	36.00	*0.49*
USA, Virginia	89344	**359.2**	*1.24*	43.81	*0.18*	81311	**273.8**	*1.03*	31.38	*0.14*
USA, Virginia: Asian and Pacific Islander	1328	**158.0**	*4.42*	18.80	*0.65*	1724	**153.5**	*3.78*	17.24	*0.52*
USA, Virginia: Black	16063	**430.0**	*3.48*	53.63	*0.52*	13782	**266.2**	*2.38*	30.76	*0.33*
USA, Virginia: White	70035	**347.1**	*1.36*	42.16	*0.20*	64234	**275.5**	*1.18*	31.59	*0.16*
USA, Washington State	78577	**362.2**	*1.35*	43.75	*0.20*	72863	**298.4**	*1.19*	34.00	*0.16*
USA, Washington, Seattle	55461	**378.5**	*1.67*	45.56	*0.25*	51672	**310.5**	*1.47*	35.34	*0.20*
USA, West Virginia	28313	**383.1**	*2.40*	46.18	*0.34*	25690	**306.0**	*2.12*	35.14	*0.27*
USA, Wisconsin	72881	**364.1**	*1.42*	44.12	*0.21*	67163	**293.9**	*1.25*	33.69	*0.17*
USA, Wisconsin: Black	2929	**486.6**	*9.33*	62.18	*1.42*	2500	**298.3**	*6.14*	34.18	*0.86*
USA, Wisconsin: White	67776	**354.7**	*1.44*	42.96	*0.21*	62872	**291.3**	*1.29*	33.41	*0.17*
USA, Wyoming	6425	**344.3**	*4.46*	42.42	*0.66*	5358	**275.3**	*4.04*	32.07	*0.54*
Asia										
Bahrain: Bahraini	1048	**142.9**	*4.58*	16.86	*0.69*	1196	**150.0**	*4.52*	16.75	*0.61*
China, Beijing City	47354	**162.0**	*0.84*	18.64	*0.11*	43489	**148.4**	*0.79*	16.71	*0.09*
*China, Cixian County	5100	**444.9**	*6.51*	55.48	*0.92*	3436	**265.0**	*4.67*	31.52	*0.64*
China, Haining County	3738	**179.6**	*3.09*	20.83	*0.41*	2584	**112.0**	*2.33*	12.62	*0.30*
*China, Harbin City, Nangang District	6104	**207.5**	*2.78*	24.38	*0.38*	5244	**164.4**	*2.35*	19.19	*0.31*
China, Hong Kong	61965	**246.0**	*1.05*	27.99	*0.14*	52192	**186.9**	*0.90*	20.10	*0.12*
China, Jiashan County	3343	**219.4**	*3.97*	27.17	*0.56*	2212	**140.1**	*3.20*	15.99	*0.41*
China, Jiaxing City	2491	**219.4**	*4.71*	25.41	*0.62*	1862	**160.3**	*3.94*	18.07	*0.50*
China, Macao	2740	**217.6**	*4.41*	25.21	*0.67*	2509	**160.9**	*3.52*	17.57	*0.49*
China, Qidong County	10071	**234.5**	*2.41*	26.99	*0.32*	6070	**130.4**	*1.77*	14.59	*0.23*
*China, Shanghai City	59039	**204.8**	*0.92*	22.73	*0.12*	53916	**179.1**	*0.88*	19.72	*0.11*
*China, Wuhan City	29634	**209.1**	*1.27*	24.86	*0.18*	22805	**156.9**	*1.11*	17.95	*0.14*
*China, Yangcheng County	3569	**425.0**	*8.14*	53.65	*1.07*	2767	**291.4**	*5.76*	35.06	*0.77*
*China, Yanting County	6393	**401.1**	*5.16*	46.48	*0.69*	3883	**229.5**	*3.73*	27.27	*0.52*
*China, Zhongshan City	7037	**253.6**	*3.09*	29.07	*0.41*	4749	**154.9**	*2.34*	16.88	*0.29*
*India, Bangalore	8356	**113.5**	*1.29*	13.56	*0.19*	10208	**137.7**	*1.41*	15.96	*0.19*
*India; Barshi, Paranda, and Bhum	602	**48.1**	*2.10*	5.31	*0.25*	638	**54.6**	*2.30*	6.02	*0.26*
*India, Bhopal	2511	**110.2**	*2.29*	13.19	*0.33*	2426	**109.2**	*2.28*	12.35	*0.30*
*India, Chennai	11580	**114.9**	*1.09*	13.64	*0.15*	12481	**122.8**	*1.12*	13.97	*0.15*
*India, Dindigul, Ambilikkai	2580	**54.6**	*1.09*	6.39	*0.15*	3378	**68.6**	*1.19*	7.33	*0.14*
*India, Karunagappally	1220	**116.6**	*3.37*	13.90	*0.47*	996	**80.4**	*2.59*	8.93	*0.33*
*India, Mizoram	3101	**197.1**	*3.66*	22.70	*0.51*	2466	**159.1**	*3.32*	18.63	*0.46*
*India, Mumbai	24661	**97.9**	*0.65*	11.10	*0.09*	26116	**105.5**	*0.67*	11.64	*0.09*
*India, New Delhi	31038	**119.7**	*0.72*	14.16	*0.10*	28895	**118.4**	*0.73*	13.50	*0.10*
*India, Poona	6218	**83.3**	*1.09*	9.46	*0.15*	6914	**89.9**	*1.10*	9.93	*0.15*
*India, Sikkim State	910	**96.7**	*3.31*	11.80	*0.48*	837	**108.3**	*3.91*	12.92	*0.56*
*India, Trivandrum	2108	**132.3**	*2.91*	15.74	*0.41*	2151	**114.9**	*2.50*	12.92	*0.32*
*Iran (Islamic Republic of), Golestan Province	2967	**176.3**	*3.44*	20.24	*0.47*	2522	**142.0**	*2.98*	15.82	*0.40*
Israel	57269	**301.9**	*1.32*	35.67	*0.19*	56939	**263.5**	*1.19*	29.47	*0.16*
*Israel: Jews	52801	**308.5**	*1.42*	36.48	*0.21*	53034	**273.1**	*1.29*	30.56	*0.17*
*Israel: Non–Jews	4468	**245.1**	*3.82*	28.69	*0.58*	3905	**183.9**	*3.06*	20.25	*0.42*
Japan, Aichi Prefecture	16472	**268.7**	*2.18*	31.71	*0.31*	10974	**175.8**	*1.87*	19.06	*0.23*
Japan, Fukui Prefecture	13425	**286.2**	*2.78*	33.19	*0.38*	9693	**190.3**	*2.42*	20.87	*0.28*
Japan, Hiroshima	21004	**392.4**	*2.86*	46.59	*0.41*	14973	**252.7**	*2.37*	28.03	*0.29*
Japan, Miyagi Prefecture	41027	**334.5**	*1.80*	40.47	*0.25*	27477	**210.2**	*1.51*	22.97	*0.18*
Japan, Nagasaki Prefecture	27486	**325.9**	*2.22*	38.29	*0.30*	20089	**209.8**	*1.88*	22.74	*0.21*
Japan, Niigata Prefecture	41777	**293.3**	*1.63*	34.73	*0.22*	29482	**193.9**	*1.45*	21.01	*0.16*
*Japan, Osaka Prefecture	110365	**244.3**	*0.79*	28.29	*0.11*	78582	**158.8**	*0.67*	17.14	*0.08*
Japan, Saga Prefecture	13168	**275.0**	*2.68*	32.50	*0.37*	9552	**163.4**	*2.14*	17.86	*0.25*
Republic of Korea	392686	**306.1**	*0.50*	36.76	*0.07*	333341	**206.5**	*0.37*	22.31	*0.05*
Republic of Korea, Busan	29549	**300.1**	*1.85*	35.46	*0.25*	24569	**195.0**	*1.28*	20.99	*0.16*
Republic of Korea, Daegu	19003	**310.8**	*2.36*	37.00	*0.33*	18022	**221.1**	*1.68*	23.81	*0.21*
Republic of Korea, Daejeon	10204	**311.8**	*3.20*	37.39	*0.47*	9931	**230.0**	*2.37*	24.74	*0.30*
Republic of Korea, Gwangju	10578	**333.6**	*3.36*	39.69	*0.48*	10351	**243.4**	*2.45*	26.31	*0.31*
Republic of Korea, Incheon	16561	**277.2**	*2.25*	33.47	*0.33*	14737	**190.3**	*1.62*	20.77	*0.21*
Republic of Korea, Jejudo	3544	**301.1**	*5.17*	35.60	*0.70*	3026	**195.8**	*3.76*	21.14	*0.45*
Republic of Korea, Seoul	74907	**296.6**	*1.13*	35.12	*0.16*	69745	**216.0**	*0.84*	23.31	*0.11*
Republic of Korea, Ulsan	6873	**318.5**	*4.22*	38.38	*0.62*	6337	**214.9**	*2.83*	23.04	*0.37*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites (C00-96) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	3651	**94.1**	*2.04*	10.89	*0.31*	3975	**129.4**	*2.41*	15.11	*0.36*
*Kuwait: Kuwaitis	1578	**123.6**	*3.33*	14.31	*0.49*	2158	**137.7**	*3.14*	15.74	*0.44*
*Kuwait: Non−Kuwaitis	2073	**83.2**	*3.22*	9.27	*0.43*	1817	**129.2**	*4.18*	15.25	*0.65*
*Malaysia, Penang	3485	**156.4**	*2.71*	18.12	*0.40*	4155	**153.9**	*2.42*	17.29	*0.32*
*Malaysia, Penang: Chinese	2410	**179.4**	*3.70*	20.78	*0.53*	2730	**175.6**	*3.41*	19.48	*0.44*
*Malaysia, Penang: Indian	263	**128.5**	*8.42*	15.03	*1.27*	449	**171.3**	*8.42*	19.75	*1.18*
*Malaysia, Penang: Malay	789	**104.1**	*3.96*	11.77	*0.58*	946	**97.3**	*3.28*	11.07	*0.45*
*Philippines, Manila	16437	**217.7**	*1.85*	24.97	*0.27*	22704	**213.0**	*1.49*	23.75	*0.21*
*Philippines, Rizal	15961	**197.5**	*1.70*	22.82	*0.25*	22072	**197.2**	*1.41*	22.13	*0.20*
Qatar: Qatari	418	**154.7**	*8.18*	19.81	*1.22*	477	**151.1**	*7.41*	17.16	*1.02*
*Saudi Arabia, Riyadh: Saudi	5327	**104.1**	*1.54*	12.05	*0.23*	5527	**103.9**	*1.52*	11.41	*0.21*
Singapore	21893	**229.6**	*1.59*	26.44	*0.23*	22702	**198.6**	*1.36*	21.43	*0.18*
Singapore: Chinese	18773	**247.2**	*1.85*	28.33	*0.27*	19351	**207.5**	*1.55*	22.35	*0.20*
Singapore: Indian	965	**132.8**	*4.49*	15.58	*0.64*	949	**135.4**	*4.60*	15.30	*0.63*
Singapore: Malay	1735	**165.4**	*4.17*	18.91	*0.60*	2092	**169.5**	*3.87*	18.77	*0.51*
Thailand, Bangkok	22395	**168.7**	*1.16*	19.07	*0.16*	25625	**140.8**	*0.90*	15.38	*0.12*
Thailand, Chiang Mai	6661	**151.6**	*1.94*	17.86	*0.27*	7645	**156.0**	*1.87*	17.63	*0.24*
Thailand, Chonburi	4249	**166.8**	*2.63*	19.25	*0.37*	4944	**156.0**	*2.29*	16.81	*0.30*
*Thailand, Khon Kaen	6128	**148.1**	*1.93*	17.94	*0.28*	5741	**116.2**	*1.55*	13.19	*0.21*
Thailand, Lampang	4212	**172.9**	*2.71*	20.63	*0.38*	4278	**159.3**	*2.50*	17.96	*0.32*
*Thailand, Songkhla	3569	**141.5**	*2.40*	15.85	*0.33*	3184	**106.8**	*1.93*	11.62	*0.25*
*Turkey, Antalya	8627	**237.8**	*2.60*	28.16	*0.36*	6293	**161.5**	*2.07*	17.45	*0.27*
*Turkey, Edirne	2637	**267.9**	*5.34*	31.93	*0.73*	1538	**146.3**	*3.89*	16.39	*0.48*
*Turkey, Izmir	29188	**315.1**	*1.87*	38.26	*0.27*	19425	**184.5**	*1.35*	20.25	*0.17*
*Turkey, Trabzon	2942	**263.9**	*4.96*	32.51	*0.69*	2053	**156.9**	*3.57*	16.23	*0.42*
Europe										
Austria	104288	**317.7**	*1.03*	37.94	*0.14*	90223	**223.4**	*0.85*	24.86	*0.11*
Austria, Tyrol	9317	**358.0**	*3.85*	42.25	*0.53*	7936	**254.6**	*3.18*	28.09	*0.40*
Austria, Vorarlberg	5150	**394.9**	*5.66*	47.91	*0.80*	3665	**234.4**	*4.26*	25.95	*0.54*
*Belarus	90568	**305.8**	*1.06*	37.33	*0.14*	91830	**209.9**	*0.76*	23.89	*0.09*
*Belgium	159571	**438.7**	*1.18*	52.31	*0.16*	131291	**332.6**	*1.04*	37.12	*0.13*
Bulgaria	84187	**260.7**	*0.96*	31.43	*0.13*	77833	**211.6**	*0.85*	23.88	*0.10*
Croatia	56116	**321.7**	*1.44*	38.19	*0.19*	48118	**223.9**	*1.15*	24.89	*0.13*
Cyprus	6418	**236.6**	*3.13*	27.12	*0.44*	5819	**205.8**	*2.86*	22.73	*0.35*
Czech Republic	165951	**420.1**	*1.07*	49.98	*0.15*	152854	**307.8**	*0.87*	34.98	*0.11*
Denmark	78961	**338.6**	*1.27*	40.13	*0.18*	75871	**300.4**	*1.21*	34.59	*0.16*
*Estonia	15986	**340.6**	*2.78*	41.99	*0.39*	16285	**229.4**	*2.04*	25.77	*0.24*
Finland	79325	**354.6**	*1.32*	41.32	*0.19*	75971	**281.9**	*1.17*	31.37	*0.15*
*France, Bas−Rhin	16317	**414.6**	*3.37*	51.00	*0.49*	11871	**256.9**	*2.62*	29.16	*0.33*
*France, Calvados	10188	**393.2**	*4.15*	47.98	*0.59*	7508	**246.8**	*3.24*	27.42	*0.39*
*France, Doubs	7968	**391.1**	*4.63*	47.63	*0.66*	5520	**247.9**	*3.72*	27.65	*0.46*
*France, Haut−Rhin	14619	**504.9**	*4.36*	62.35	*0.63*	10726	**325.5**	*3.51*	36.99	*0.44*
*France, Hérault	16989	**399.3**	*3.32*	48.59	*0.46*	11441	**248.0**	*2.63*	27.44	*0.32*
*France, Isère	16916	**382.5**	*3.08*	46.43	*0.44*	12348	**255.9**	*2.54*	28.46	*0.31*
*France, Loire−Atlantique	19222	**426.7**	*3.25*	52.67	*0.46*	13347	**251.6**	*2.44*	28.22	*0.30*
*France, Manche	8495	**376.7**	*4.50*	46.17	*0.62*	5519	**222.1**	*3.54*	24.81	*0.42*
*France, Somme	9331	**429.3**	*4.75*	53.37	*0.68*	6795	**271.5**	*3.72*	30.55	*0.46*
*France, Tarn	6991	**361.1**	*4.90*	42.73	*0.66*	4779	**243.3**	*4.28*	26.82	*0.49*
*France, Vendée	9723	**358.2**	*3.96*	44.59	*0.54*	6597	**234.4**	*3.33*	26.60	*0.39*
Germany, Brandenburg	47507	**397.3**	*1.93*	47.48	*0.25*	37856	**265.7**	*1.59*	29.63	*0.19*
Germany, Bremen	14124	**439.7**	*3.93*	52.53	*0.55*	12899	**328.7**	*3.41*	37.32	*0.43*
Germany, Free State of Saxony	79780	**371.4**	*1.41*	43.84	*0.19*	68645	**253.9**	*1.18*	28.52	*0.14*
Germany, Hamburg	29105	**382.0**	*2.37*	45.35	*0.32*	28014	**299.6**	*2.09*	33.86	*0.26*
Germany, Mecklenburg−Western Pomerania	32397	**414.9**	*2.43*	50.12	*0.32*	26126	**274.7**	*1.96*	31.20	*0.24*
Germany, Munich	55263	**324.2**	*1.46*	38.36	*0.20*	50421	**253.3**	*1.29*	28.22	*0.16*
Germany, North Rhine−Westphalia	47326	**410.5**	*2.01*	49.10	*0.27*	40860	**304.0**	*1.74*	34.10	*0.21*
Germany, Saarland	21096	**412.2**	*3.06*	49.32	*0.41*	17848	**298.4**	*2.63*	33.49	*0.32*
Germany, Schleswig−Holstein	60917	**447.5**	*1.92*	53.23	*0.26*	55795	**357.6**	*1.76*	40.25	*0.22*
Iceland	3501	**328.4**	*5.85*	39.73	*0.88*	3088	**287.0**	*5.55*	32.59	*0.73*
Ireland	61268	**447.4**	*1.86*	53.07	*0.27*	53756	**350.2**	*1.62*	39.61	*0.22*
Italy, Biella	3949	**388.9**	*6.97*	46.22	*0.91*	3300	**277.6**	*6.06*	31.01	*0.70*
Italy, Brescia	16311	**441.7**	*3.63*	53.50	*0.51*	13983	**325.5**	*3.19*	35.79	*0.38*
Italy, Catania and Messina	15016	**341.2**	*3.02*	40.46	*0.41*	12475	**256.9**	*2.61*	28.42	*0.31*
Italy, Catanzaro	3488	**330.4**	*6.15*	38.93	*0.82*	2664	**238.3**	*5.32*	26.37	*0.62*
Italy, Como	10805	**420.1**	*4.31*	50.51	*0.59*	9079	**303.9**	*3.74*	33.85	*0.44*
Italy, Ferrara	10115	**486.3**	*5.66*	55.93	*0.72*	8162	**353.4**	*5.00*	38.37	*0.56*
Italy, Florence and Prato	15489	**401.6**	*3.67*	46.73	*0.48*	13133	**313.6**	*3.35*	34.27	*0.38*
Italy, Friuli−Venezia Giulia	29294	**457.5**	*2.94*	55.07	*0.40*	24667	**335.0**	*2.63*	37.34	*0.31*
Italy, Genoa	18067	**436.7**	*3.78*	51.79	*0.49*	15386	**320.7**	*3.33*	35.54	*0.38*
Italy, Latina	7231	**316.9**	*4.02*	37.71	*0.54*	5909	**253.8**	*3.69*	27.67	*0.43*
Italy, Lecco	6578	**439.0**	*5.73*	52.26	*0.80*	5546	**319.1**	*5.01*	35.33	*0.60*
Italy, Lombardy, South	9729	**448.9**	*5.00*	52.65	*0.66*	8086	**315.2**	*4.26*	35.29	*0.50*
Italy, Mantua	4118	**357.4**	*6.17*	43.41	*0.84*	3615	**277.9**	*5.61*	31.06	*0.65*
Italy, Milan	21644	**407.5**	*3.10*	48.85	*0.41*	19608	**298.7**	*2.66*	33.12	*0.30*
Italy, Modena	14833	**440.0**	*4.00*	53.49	*0.55*	11814	**324.1**	*3.57*	35.81	*0.42*
Italy, Naples	6674	**379.8**	*4.77*	45.90	*0.67*	5205	**258.3**	*3.80*	28.46	*0.47*
Italy, Nuoro	3703	**327.2**	*5.84*	39.44	*0.80*	3010	**243.1**	*5.15*	26.81	*0.60*
Italy, Palermo	14205	**339.5**	*3.08*	40.48	*0.42*	11260	**245.0**	*2.60*	27.41	*0.31*
Italy, Parma	8703	**383.7**	*4.68*	45.37	*0.63*	7808	**314.2**	*4.48*	34.25	*0.51*
Italy, Ragusa	4872	**347.2**	*5.47*	40.72	*0.75*	3774	**255.9**	*4.80*	27.90	*0.57*
Italy, Reggio Emilia	10357	**424.4**	*4.63*	50.99	*0.64*	8544	**323.4**	*4.17*	35.95	*0.50*
Italy, Romagna	28530	**450.0**	*3.03*	52.66	*0.40*	22506	**341.3**	*2.78*	37.06	*0.32*
Italy, Salerno	15081	**315.6**	*2.81*	37.13	*0.38*	11386	**222.2**	*2.39*	24.33	*0.28*
Italy, Sassari	7885	**377.1**	*4.53*	44.82	*0.63*	6196	**278.6**	*3.98*	30.99	*0.48*
Italy, Sondrio	3952	**479.7**	*8.09*	57.32	*1.11*	2953	**303.4**	*6.54*	33.93	*0.80*
Italy, South Tyrol	6303	**391.7**	*5.24*	45.99	*0.72*	4858	**254.9**	*4.22*	27.99	*0.52*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites (C00-96) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	6014	**339.0**	*4.71*	40.31	*0.65*	4309	**234.6**	*4.03*	25.90	*0.48*
Italy, Trapani	5068	**313.5**	*4.87*	37.26	*0.66*	3798	**224.8**	*4.24*	25.11	*0.50*
Italy, Trento	6699	**367.7**	*4.84*	43.81	*0.67*	5856	**279.5**	*4.34*	30.64	*0.52*
Italy, Turin	16990	**347.2**	*2.98*	41.78	*0.40*	13820	**248.5**	*2.62*	27.57	*0.30*
Italy, Umbria	18340	**375.1**	*3.19*	44.95	*0.43*	13894	**266.0**	*2.81*	29.65	*0.33*
Italy, Varese	17139	**433.8**	*3.56*	51.59	*0.48*	13540	**295.8**	*3.00*	32.66	*0.35*
Italy, Veneto	38562	**443.3**	*2.43*	53.08	*0.34*	32416	**320.0**	*2.11*	35.24	*0.25*
Latvia	19792	**316.8**	*2.31*	39.02	*0.33*	20543	**214.7**	*1.69*	24.28	*0.20*
Lithuania	44754	**395.5**	*1.92*	49.28	*0.27*	39952	**242.6**	*1.35*	27.24	*0.16*
Malta	4823	**308.1**	*4.63*	35.06	*0.65*	4355	**248.5**	*4.08*	27.77	*0.51*
*The Netherlands	212890	**327.1**	*0.74*	39.03	*0.11*	197425	**276.1**	*0.68*	31.39	*0.09*
*The Netherlands, Eindhoven	14313	**342.6**	*2.97*	40.82	*0.42*	12489	**281.8**	*2.72*	32.03	*0.34*
Norway	66038	**345.5**	*1.44*	40.89	*0.21*	58274	**278.9**	*1.31*	31.55	*0.17*
Poland, Cracow	6403	**299.0**	*3.91*	36.14	*0.54*	7144	**246.5**	*3.26*	28.08	*0.40*
Poland, Kielce	12916	**278.5**	*2.58*	33.83	*0.36*	11151	**193.0**	*2.04*	21.84	*0.25*
Poland, Lower Silesia	26957	**279.5**	*1.79*	33.91	*0.25*	27045	**209.0**	*1.40*	23.98	*0.17*
Poland, Podkarpackie	18595	**276.1**	*2.11*	33.04	*0.30*	15726	**183.5**	*1.60*	20.46	*0.20*
Portugal, Azores	3251	**416.3**	*7.59*	49.04	*1.05*	2271	**244.0**	*5.59*	26.45	*0.68*
Russian Federation, Saint Petersburg	38189	**261.9**	*1.40*	31.83	*0.19*	51513	**206.0**	*1.03*	23.35	*0.13*
*Serbia, Central	60430	**264.8**	*1.15*	32.01	*0.15*	56102	**228.9**	*1.07*	25.97	*0.12*
Slovakia	63452	**378.7**	*1.55*	45.35	*0.22*	58613	**261.1**	*1.16*	29.58	*0.15*
Slovenia	29051	**377.0**	*2.28*	44.87	*0.31*	26684	**274.4**	*1.88*	30.57	*0.23*
Spain, Albacete	5181	**305.0**	*4.76*	36.05	*0.64*	3065	**174.7**	*3.70*	18.80	*0.44*
Spain, Asturias	18598	**347.8**	*2.89*	41.50	*0.38*	11858	**192.1**	*2.17*	20.91	*0.25*
Spain, Basque Country	36424	**377.3**	*2.14*	45.34	*0.29*	22574	**209.4**	*1.63*	22.47	*0.19*
Spain, Canary Islands	13883	**305.9**	*2.69*	37.08	*0.37*	9604	**191.7**	*2.10*	21.11	*0.26*
Spain, Ciudad Real	5313	**286.3**	*4.46*	34.28	*0.62*	3373	**170.1**	*3.51*	18.58	*0.42*
Spain, Cuenca	3367	**285.2**	*5.96*	33.77	*0.78*	1809	**168.4**	*5.12*	17.77	*0.55*
Spain, Girona	12346	**433.5**	*4.26*	50.62	*0.59*	8187	**262.8**	*3.37*	28.58	*0.42*
*Spain, Granada	12444	**364.6**	*3.53*	44.26	*0.48*	8937	**240.7**	*2.86*	26.65	*0.34*
Spain, La Rioja	4485	**312.9**	*5.18*	37.37	*0.72*	2831	**190.6**	*4.25*	20.59	*0.50*
Spain, Mallorca	10431	**352.4**	*3.65*	42.55	*0.52*	6798	**204.1**	*2.79*	22.21	*0.34*
Spain, Murcia	16108	**329.5**	*2.77*	38.85	*0.38*	10826	**206.6**	*2.20*	22.67	*0.27*
Spain, Navarra	11335	**423.0**	*4.34*	50.55	*0.60*	8336	**292.6**	*3.74*	31.84	*0.45*
Spain, Tarragona	13144	**428.5**	*4.07*	50.46	*0.56*	8852	**275.8**	*3.35*	30.12	*0.41*
*Sweden	129184	**301.8**	*0.91*	36.47	*0.13*	112226	**254.6**	*0.87*	29.24	*0.11*
Switzerland, Basel	8301	**405.0**	*4.82*	48.34	*0.67*	6851	**282.9**	*3.98*	32.15	*0.50*
Switzerland, Geneva	6706	**393.9**	*5.04*	45.89	*0.71*	6265	**302.3**	*4.29*	33.58	*0.54*
Switzerland, Graubünden and Glarus	3850	**385.6**	*6.70*	45.79	*0.95*	3078	**270.1**	*5.58*	30.46	*0.71*
Switzerland, Neuchâtel	3258	**442.8**	*8.35*	52.99	*1.19*	3015	**336.3**	*7.15*	37.80	*0.90*
Switzerland, St Gall−Appenzell	8721	**400.7**	*4.52*	47.97	*0.65*	6828	**275.0**	*3.77*	31.25	*0.48*
Switzerland, Ticino	4842	**325.4**	*5.03*	38.65	*0.68*	4382	**251.1**	*4.44*	28.13	*0.53*
Switzerland, Valais	5541	**453.8**	*6.41*	53.85	*0.89*	4418	**319.4**	*5.40*	35.46	*0.67*
Switzerland, Vaud	12810	**484.9**	*4.52*	57.88	*0.65*	11649	**365.5**	*3.82*	41.41	*0.50*
Switzerland, Zurich	16992	**321.4**	*2.61*	38.30	*0.37*	14474	**237.8**	*2.22*	27.00	*0.28*
Ukraine	400414	**260.6**	*0.43*	31.78	*0.06*	415892	**190.1**	*0.33*	21.68	*0.04*
UK, England	795759	**358.4**	*0.43*	41.44	*0.06*	743267	**301.5**	*0.40*	33.79	*0.05*
UK, England, East of England Region	83420	**320.5**	*1.20*	36.87	*0.17*	76103	**270.8**	*1.13*	30.26	*0.14*
UK, England, North Western	111851	**392.9**	*1.25*	45.66	*0.18*	106293	**329.2**	*1.15*	37.00	*0.15*
UK, England, Northern and Yorkshire	116632	**389.3**	*1.22*	44.98	*0.17*	109261	**325.9**	*1.12*	36.63	*0.14*
UK, England, Oxford Region	43361	**383.7**	*1.94*	44.36	*0.28*	40525	**327.7**	*1.80*	36.90	*0.24*
UK, England, South and Western Regions	140455	**411.2**	*1.20*	47.21	*0.17*	128184	**342.9**	*1.13*	38.31	*0.14*
UK, England, Thames	130067	**287.5**	*0.85*	33.46	*0.12*	125739	**243.3**	*0.77*	27.20	*0.10*
UK, England, Trent	52032	**376.8**	*1.78*	43.48	*0.25*	47698	**322.8**	*1.68*	36.01	*0.21*
UK, England, West Midlands	86999	**362.0**	*1.31*	41.81	*0.18*	79923	**303.6**	*1.22*	33.83	*0.15*
UK, Northern Ireland	25253	**390.8**	*2.57*	45.63	*0.37*	24136	**318.6**	*2.27*	35.65	*0.29*
UK, Scotland	91468	**413.5**	*1.45*	48.04	*0.20*	89646	**339.3**	*1.28*	38.13	*0.16*
UK, Wales	43680	**310.4**	*1.61*	35.66	*0.22*	40037	**261.7**	*1.51*	29.54	*0.19*
Oceania										
Australian Capital Territory	3517	**346.5**	*6.02*	40.87	*0.89*	3062	**269.9**	*5.12*	30.09	*0.69*
Australia, New South Wales	97764	**375.9**	*1.26*	44.63	*0.18*	75751	**273.1**	*1.08*	30.52	*0.14*
Australia, Northern Territory	1638	**345.6**	*9.10*	40.73	*1.36*	1107	**239.0**	*7.64*	26.10	*1.10*
Australia, Northern Territory: Indigenous	253	**332.1**	*22.83*	39.12	*3.36*	261	**242.0**	*15.76*	29.14	*2.28*
Australia, Northern Territory: Non−Indigenous	1354	**344.2**	*10.01*	40.44	*1.48*	834	**235.3**	*8.74*	24.84	*1.24*
Australia, Queensland	58166	**397.4**	*1.71*	47.10	*0.24*	44018	**291.3**	*1.48*	32.61	*0.19*
South Australia	24834	**379.9**	*2.58*	44.43	*0.37*	18939	**270.1**	*2.20*	30.20	*0.28*
Australia, Tasmania	8006	**406.7**	*4.80*	48.66	*0.68*	5906	**275.6**	*3.93*	30.85	*0.51*
Australia, Victoria	71862	**371.3**	*1.46*	43.55	*0.21*	56540	**269.7**	*1.24*	29.96	*0.16*
Western Australia	26821	**367.9**	*2.33*	43.02	*0.33*	20556	**268.7**	*2.01*	29.67	*0.26*
New Zealand	50241	**344.2**	*1.60*	40.80	*0.23*	45304	**283.7**	*1.43*	31.86	*0.19*
New Zealand: Maori	3630	**376.1**	*6.55*	46.04	*0.96*	4438	**376.6**	*5.84*	43.93	*0.82*
New Zealand: Pacific Islander	1405	**363.5**	*10.41*	41.25	*1.43*	1527	**300.6**	*7.90*	33.22	*1.07*
New Zealand: Other	45206	**341.4**	*1.70*	40.41	*0.24*	39339	**275.2**	*1.53*	30.74	*0.20*
USA, Hawaii	15811	**326.1**	*2.78*	39.14	*0.41*	14070	**274.1**	*2.53*	30.96	*0.32*
*USA, Hawaii: Chinese	948	**313.6**	*11.59*	38.12	*1.69*	896	**266.4**	*10.27*	29.37	*1.28*
*USA, Hawaii: Filipino	2066	**349.8**	*8.39*	44.69	*1.26*	1879	**282.7**	*6.86*	32.41	*0.89*
*USA, Hawaii: Hawaiian	1926	**316.0**	*7.52*	42.59	*1.23*	2333	**309.0**	*6.65*	36.95	*0.90*
*USA, Hawaii: Japanese	4295	**299.1**	*5.22*	33.86	*0.74*	3781	**232.8**	*4.74*	26.15	*0.57*
*USA, Hawaii: White	5405	**411.8**	*5.94*	49.26	*0.88*	3959	**318.7**	*5.59*	37.20	*0.76*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites except non-melanoma skin (C00-96 exc. C44)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Africa										
*Algeria, Sétif	2403	**94.4**	*2.05*	–	-	2464	**95.5**	*2.00*	–	-
Egypt, Gharbiah	9661	**132.6**	*1.41*	15.51	*0.20*	9466	**122.1**	*1.30*	13.67	*0.17*
*Libya, Benghazi	1739	**134.6**	*3.39*	16.19	*0.54*	1584	**107.9**	*2.90*	12.08	*0.42*
*Malawi, Blantyre	3441	**219.5**	*4.66*	22.37	*0.63*	3251	**233.5**	*5.12*	23.89	*0.64*
*South Africa, PROMEC	1104	**72.9**	*2.26*	8.48	*0.29*	1689	**67.1**	*1.71*	7.43	*0.20*
*Tunisia, North	8465	**122.6**	*1.36*	14.67	*0.19*	6694	**94.0**	*1.18*	10.21	*0.15*
*Uganda, Kyadondo County	2925	**177.3**	*4.33*	20.63	*0.69*	3895	**212.2**	*4.24*	24.59	*0.61*
*Zimbabwe, Harare: African	2805	**240.3**	*5.50*	26.17	*0.79*	3130	**295.0**	*6.40*	34.73	*0.97*
America, Central and South										
Argentina, Bahía Blanca	2307	**256.1**	*5.71*	30.90	*0.81*	2490	**221.0**	*5.08*	24.26	*0.61*
Argentina, Córdoba	6451	**237.8**	*3.01*	28.20	*0.43*	7638	**216.6**	*2.62*	24.02	*0.33*
Argentina, Mendoza	9835	**221.3**	*2.30*	25.97	*0.33*	10861	**210.9**	*2.12*	23.70	*0.27*
*Argentina, Tierra del Fuego	395	**223.9**	*12.17*	25.59	*1.74*	425	**195.7**	*10.29*	22.86	*1.50*
Brazil, Aracaju	1878	**326.3**	*7.81*	38.63	*1.20*	2004	**221.6**	*5.13*	24.80	*0.70*
Brazil, Belo Horizonte	8257	**322.5**	*3.60*	38.69	*0.54*	7984	**207.7**	*2.38*	22.82	*0.32*
Brazil, Cuiabá	2422	**281.7**	*6.02*	32.78	*0.89*	2283	**206.9**	*4.57*	23.18	*0.64*
Brazil, Fortaleza	5832	**200.0**	*2.70*	23.04	*0.40*	7503	**175.0**	*2.08*	19.34	*0.28*
Brazil, Goiânia	7975	**405.8**	*4.66*	49.01	*0.71*	7433	**269.5**	*3.21*	30.05	*0.44*
*Brazil, São Paulo	71834	**329.7**	*1.31*	38.12	*0.19*	80261	**264.0**	*1.00*	28.55	*0.13*
Chile, Region of Antofagasta	2556	**231.0**	*4.69*	26.92	*0.71*	2258	**173.5**	*3.74*	19.49	*0.53*
Chile, Bío Bío Province	2051	**202.0**	*4.52*	22.58	*0.65*	1817	**166.6**	*4.02*	18.20	*0.53*
Chile, Valdivia	2359	**229.8**	*4.82*	26.11	*0.70*	2128	**184.4**	*4.13*	19.89	*0.54*
Colombia, Bucaramanga	3777	**178.3**	*2.97*	20.80	*0.44*	4487	**163.4**	*2.50*	18.39	*0.33*
Colombia, Cali	9616	**225.9**	*2.38*	26.45	*0.35*	11426	**201.3**	*1.95*	22.53	*0.26*
Colombia, Manizales	1476	**162.7**	*4.31*	19.03	*0.62*	1834	**157.9**	*3.76*	17.64	*0.49*
Colombia, Pasto	1121	**142.8**	*4.38*	16.34	*0.64*	1497	**152.2**	*4.02*	16.92	*0.54*
Costa Rica	16494	**182.6**	*1.47*	20.77	*0.22*	16131	**161.8**	*1.32*	17.54	*0.18*
Cuba, Villa Clara	4622	**178.7**	*2.81*	20.50	*0.39*	3895	**154.6**	*2.66*	16.80	*0.34*
Ecuador, Cuenca	1147	**123.3**	*3.85*	13.86	*0.57*	1601	**139.0**	*3.64*	15.14	*0.49*
Ecuador, Quito	5452	**181.2**	*2.56*	20.50	*0.38*	6756	**187.5**	*2.38*	20.63	*0.32*
*France, Martinique	4476	**314.4**	*4.91*	38.85	*0.72*	2697	**158.5**	*3.32*	17.04	*0.41*
*Jamaica, Kingston and St Andrew	2453	**178.4**	*3.71*	22.40	*0.58*	2322	**137.1**	*2.99*	15.71	*0.41*
USA, Puerto Rico	34643	**256.8**	*1.44*	31.07	*0.21*	26667	**173.8**	*1.13*	19.28	*0.14*
Uruguay	19655	**297.5**	*2.22*	35.40	*0.31*	17688	**217.9**	*1.82*	23.86	*0.22*
America, North										
Canada	403092	**330.5**	*0.54*	39.72	*0.08*	369503	**270.3**	*0.48*	30.61	*0.06*
Canada, Alberta	35482	**329.1**	*1.81*	39.81	*0.27*	31667	**267.7**	*1.60*	30.60	*0.22*
Canada, British Columbia	51472	**297.7**	*1.39*	35.44	*0.20*	45488	**245.0**	*1.26*	27.82	*0.17*
Canada, Manitoba	14641	**325.1**	*2.85*	38.87	*0.42*	13923	**274.7**	*2.60*	31.39	*0.35*
Canada, New Brunswick	11167	**369.7**	*3.67*	45.35	*0.54*	9345	**271.9**	*3.12*	30.79	*0.41*
Canada, Newfoundland and Labrador	6437	**313.0**	*4.06*	38.84	*0.59*	5341	**243.9**	*3.58*	28.40	*0.47*
*Canada, Northwest Territories	299	**326.3**	*19.91*	39.42	*3.07*	268	**286.7**	*18.65*	35.20	*2.95*
Canada, Nova Scotia	14621	**381.9**	*3.31*	46.16	*0.48*	12528	**285.1**	*2.81*	32.55	*0.37*
Canada, Ontario	151430	**330.7**	*0.89*	40.21	*0.13*	141401	**274.4**	*0.79*	30.99	*0.10*
Canada, Prince Edward Island	2188	**396.8**	*8.89*	48.24	*1.27*	1724	**275.9**	*7.32*	32.04	*0.98*
*Canada, Quebec	101640	**340.4**	*1.12*	39.76	*0.16*	96176	**278.4**	*0.99*	31.31	*0.13*
Canada, Saskatchewan	13461	**335.6**	*3.12*	41.52	*0.46*	11395	**260.6**	*2.76*	30.11	*0.37*
*Canada, Yukon	254	**274.8**	*17.81*	37.33	*2.96*	247	**252.1**	*16.71*	28.69	*2.40*
USA, NPCR (42 states)	3281894	**362.3**	*0.21*	44.12	*0.03*	3017784	**283.8**	*0.18*	32.44	*0.02*
USA, NPCR (42 states): American Indian	13719	**214.5**	*1.87*	26.38	*0.29*	14226	**186.9**	*1.61*	21.81	*0.23*
USA, NPCR (42 states): Asian and Pacific Islander	55974	**180.4**	*0.78*	21.29	*0.12*	65325	**168.7**	*0.68*	18.85	*0.09*
USA, NPCR (42 states): Black	341462	**424.6**	*0.74*	52.86	*0.11*	305042	**269.8**	*0.51*	31.10	*0.07*
USA, NPCR (42 states): White	2804669	**355.9**	*0.22*	43.24	*0.03*	2589381	**286.7**	*0.20*	32.78	*0.03*
USA, SEER (9 registries)	337656	**363.0**	*0.65*	44.00	*0.10*	314198	**287.2**	*0.56*	32.70	*0.07*
*USA, SEER (9 registries): Black	33537	**445.6**	*2.51*	55.60	*0.38*	29833	**281.1**	*1.70*	32.54	*0.24*
*USA, SEER (9 registries): White	276587	**364.9**	*0.73*	44.08	*0.11*	257238	**296.2**	*0.64*	33.72	*0.09*
USA, SEER (18 registries)	955802	**358.1**	*0.38*	43.40	*0.06*	888360	**281.7**	*0.32*	32.09	*0.04*
*USA, SEER (18 registries): Asian and Pacific Islander	49390	**225.9**	*1.05*	26.99	*0.16*	54012	**204.1**	*0.92*	22.78	*0.12*
*USA, SEER (18 registries): Black	96828	**434.1**	*1.43*	54.23	*0.21*	85444	**274.7**	*0.98*	31.66	*0.14*
*USA, SEER (18 registries): Hispanic White	76267	**271.9**	*1.03*	32.99	*0.16*	78823	**228.8**	*0.85*	25.70	*0.12*
*USA, SEER (18 registries): Non–Hispanic White	713330	**372.3**	*0.47*	44.90	*0.07*	657548	**300.1**	*0.41*	34.22	*0.05*
*USA, SEER (18 registries): White	789597	**358.2**	*0.42*	43.29	*0.06*	736371	**289.3**	*0.37*	32.99	*0.05*
USA, Alabama	60502	**378.6**	*1.59*	46.58	*0.23*	50836	**266.7**	*1.28*	30.71	*0.17*
USA, Alabama: Black	12436	**429.4**	*3.96*	53.53	*0.59*	10607	**253.4**	*2.60*	29.30	*0.35*
USA, Alabama: White	47137	**365.7**	*1.76*	44.84	*0.25*	39601	**270.8**	*1.50*	31.09	*0.19*
USA, Alaska	6252	**350.5**	*4.58*	42.64	*0.70*	5559	**297.3**	*4.13*	34.26	*0.60*
*USA, Alaska: American Indian	846	**347.8**	*12.23*	41.57	*1.81*	1007	**361.8**	*11.69*	42.55	*1.65*
USA, Arizona	64649	**306.4**	*1.27*	37.99	*0.19*	57486	**248.2**	*1.12*	28.43	*0.15*
USA, Arizona: American Indian	1182	**187.4**	*5.58*	21.23	*0.80*	1302	**168.0**	*4.75*	19.14	*0.65*
USA, Arizona: Asian and Pacific Islander	506	**149.4**	*6.78*	17.87	*1.02*	669	**136.3**	*5.38*	15.53	*0.73*
USA, Arizona: Black	1480	**295.3**	*7.88*	37.39	*1.19*	1315	**230.9**	*6.55*	27.12	*0.94*
USA, Arizona: White	59626	**303.8**	*1.32*	37.62	*0.19*	53349	**250.1**	*1.18*	28.65	*0.15*
USA, Arkansas	38576	**376.5**	*2.00*	46.60	*0.29*	31650	**269.1**	*1.65*	31.16	*0.22*
USA, Arkansas: Black	4183	**419.2**	*6.71*	52.24	*1.01*	3597	**257.8**	*4.56*	29.54	*0.62*
USA, Arkansas: White	33894	**371.1**	*2.12*	45.94	*0.31*	27659	**271.0**	*1.80*	31.42	*0.23*
USA, California	372567	**332.7**	*0.57*	40.14	*0.08*	350901	**268.2**	*0.49*	30.54	*0.07*
USA, California: American Indian	1313	**119.9**	*3.40*	14.98	*0.53*	1339	**100.4**	*2.84*	11.64	*0.42*
USA, California: Asian and Pacific Islander	29513	**209.3**	*1.26*	25.01	*0.19*	33070	**192.1**	*1.11*	21.39	*0.15*
USA, California: Black	24776	**397.6**	*2.58*	49.54	*0.38*	21829	**267.8**	*1.88*	31.00	*0.26*
USA, California: White	305750	**337.7**	*0.64*	40.70	*0.10*	288482	**277.4**	*0.56*	31.70	*0.08*
USA, California, Los Angeles County	90777	**319.2**	*1.10*	38.47	*0.17*	89639	**260.0**	*0.93*	29.52	*0.13*
*USA, California, Los Angeles County: Asian and Pacific Islander	10419	**233.2**	*2.38*	27.76	*0.35*	11396	**211.4**	*2.09*	23.60	*0.27*
*USA, California, Los Angeles County: Black	10377	**397.5**	*3.98*	49.30	*0.58*	9998	**273.1**	*2.86*	31.63	*0.39*
*USA, California, Los Angeles County: Chinese	3010	**221.5**	*4.31*	25.77	*0.62*	2922	**187.7**	*3.70*	20.21	*0.48*
*USA, California, Los Angeles County: Filipino	2422	**277.5**	*5.87*	33.44	*0.86*	3163	**260.4**	*4.82*	29.43	*0.62*
*USA, California, Los Angeles County: Hispanic White	19524	**256.2**	*1.92*	30.94	*0.30*	21526	**214.5**	*1.52*	24.08	*0.21*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites except non-melanoma skin (C00-96 exc. C44) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
*USA, California, Los Angeles County: Japanese	1607	**265.8**	*8.26*	29.77	*1.08*	1635	**242.9**	*7.27*	26.43	*0.85*
*USA, California, Los Angeles County: Korean	1586	**257.5**	*6.60*	32.33	*1.04*	1556	**191.9**	*5.07*	20.89	*0.66*
*USA, California, Los Angeles County: Non−Hispanic White	47612	**358.2**	*1.79*	42.87	*0.25*	45772	**309.1**	*1.66*	35.21	*0.21*
*USA, California, Los Angeles County: White	67136	**317.8**	*1.28*	38.24	*0.19*	67298	**268.1**	*1.12*	30.48	*0.15*
USA, California, San Francisco Bay Area	48797	**337.5**	*1.61*	41.04	*0.24*	46356	**270.8**	*1.38*	30.83	*0.19*
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	7371	**233.5**	*2.86*	28.27	*0.42*	7940	**206.9**	*2.47*	22.89	*0.32*
*USA, California, San Francisco Bay Area: Black	4827	**412.2**	*6.11*	51.48	*0.91*	4388	**279.2**	*4.48*	32.54	*0.62*
*USA, California, San Francisco Bay Area: Hispanic White	4205	**292.7**	*4.77*	36.07	*0.74*	4429	**244.6**	*3.87*	27.52	*0.54*
*USA, California, San Francisco Bay Area: Non−Hispanic White	31169	**361.4**	*2.20*	43.75	*0.32*	28932	**296.9**	*1.98*	34.19	*0.27*
*USA, California, San Francisco Bay Area: White	35374	**350.8**	*1.97*	42.59	*0.30*	33361	**288.1**	*1.75*	33.10	*0.24*
USA, Colorado	47919	**329.1**	*1.55*	39.92	*0.23*	44951	**267.8**	*1.34*	30.41	*0.18*
USA, Colorado: Asian and Pacific Islander	479	**172.8**	*8.16*	20.36	*1.27*	678	**169.7**	*6.74*	19.66	*0.96*
USA, Colorado: Black	1677	**372.5**	*9.41*	46.79	*1.40*	1235	**236.5**	*6.94*	28.13	*1.00*
USA, Colorado: White	44240	**323.0**	*1.59*	39.11	*0.24*	42089	**268.1**	*1.39*	30.39	*0.19*
USA, Connecticut	48766	**384.0**	*1.84*	46.26	*0.27*	47795	**311.0**	*1.58*	35.24	*0.21*
*USA, Connecticut: Black	3354	**425.9**	*7.49*	54.63	*1.14*	2990	**266.9**	*5.01*	30.99	*0.70*
*USA, Connecticut: White	44471	**382.4**	*1.94*	45.85	*0.28*	43907	**317.0**	*1.71*	35.81	*0.22*
USA, Delaware	12360	**405.3**	*3.81*	49.30	*0.55*	10838	**305.7**	*3.18*	35.09	*0.42*
USA, Delaware: Black	1950	**482.2**	*11.11*	60.87	*1.66*	1656	**299.7**	*7.63*	34.33	*1.05*
USA, Delaware: White	10156	**393.0**	*4.13*	47.53	*0.58*	8960	**307.8**	*3.59*	35.37	*0.46*
USA, Florida	266397	**358.3**	*0.75*	44.27	*0.11*	229331	**276.0**	*0.65*	31.60	*0.08*
USA, Florida: Asian and Pacific Islander	1159	**109.9**	*3.28*	13.40	*0.49*	1580	**112.9**	*2.90*	13.18	*0.40*
USA, Florida: Black	24498	**388.2**	*2.53*	48.74	*0.38*	20907	**248.2**	*1.77*	28.31	*0.24*
USA, Florida: White	236498	**354.6**	*0.81*	43.70	*0.11*	203674	**280.4**	*0.72*	32.06	*0.09*
USA, Georgia	98585	**376.4**	*1.22*	46.20	*0.18*	88355	**273.2**	*0.97*	31.23	*0.13*
USA, Georgia: Asian and Pacific Islander	693	**135.2**	*5.31*	16.71	*0.82*	912	**134.6**	*4.62*	15.32	*0.67*
USA, Georgia: Black	23752	**442.1**	*2.96*	55.82	*0.45*	21202	**260.8**	*1.86*	29.94	*0.26*
USA, Georgia: White	73403	**363.6**	*1.37*	44.28	*0.20*	65683	**280.9**	*1.17*	32.06	*0.15*
USA, Georgia, Atlanta	29098	**358.3**	*2.16*	43.92	*0.33*	27779	**266.8**	*1.68*	30.44	*0.24*
*USA, Georgia, Atlanta: Black	9455	**438.7**	*4.77*	55.15	*0.74*	8834	**263.8**	*2.95*	30.34	*0.43*
*USA, Georgia, Atlanta: White	18848	**339.2**	*2.55*	41.12	*0.39*	18096	**276.9**	*2.19*	31.42	*0.30*
USA, Idaho	17060	**345.4**	*2.75*	41.70	*0.41*	14591	**277.5**	*2.47*	31.64	*0.33*
USA, Illinois	157317	**374.4**	*0.98*	45.38	*0.15*	149684	**294.2**	*0.83*	33.66	*0.11*
USA, Illinois: Asian and Pacific Islander	1887	**139.5**	*3.26*	16.46	*0.49*	2376	**144.2**	*3.03*	16.50	*0.42*
USA, Illinois: Black	21002	**458.7**	*3.23*	56.64	*0.47*	19252	**292.1**	*2.18*	33.94	*0.30*
USA, Illinois: White	130832	**363.5**	*1.06*	43.93	*0.16*	125741	**296.0**	*0.92*	33.79	*0.12*
USA, Indiana	76762	**358.3**	*1.35*	43.59	*0.20*	73631	**289.3**	*1.16*	33.33	*0.16*
USA, Indiana: Black	5233	**405.0**	*5.75*	49.80	*0.85*	4975	**282.5**	*4.19*	33.02	*0.58*
USA, Indiana: White	69773	**350.7**	*1.39*	42.61	*0.20*	67429	**288.0**	*1.22*	33.15	*0.16*
USA, Iowa	41553	**364.5**	*1.91*	43.85	*0.28*	38747	**294.7**	*1.70*	33.56	*0.22*
USA, Kentucky	58613	**401.7**	*1.71*	48.92	*0.25*	54219	**315.2**	*1.46*	36.34	*0.19*
USA, Louisiana	46940	**407.6**	*1.94*	50.11	*0.29*	39271	**281.6**	*1.53*	32.33	*0.20*
*USA, Louisiana: Black	12563	**472.6**	*4.32*	59.22	*0.65*	10521	**284.6**	*2.89*	32.66	*0.39*
*USA, Louisiana: White	33946	**391.3**	*2.22*	47.75	*0.32*	28430	**283.8**	*1.85*	32.56	*0.24*
*USA, Louisiana, New Orleans	8713	**384.4**	*4.29*	47.40	*0.64*	7836	**273.3**	*3.36*	31.47	*0.45*
*USA, Louisiana, New Orleans: Black	2943	**443.1**	*8.38*	55.72	*1.27*	2623	**277.3**	*5.60*	32.37	*0.78*
*USA, Louisiana, New Orleans: White	5616	**367.3**	*5.25*	44.56	*0.76*	5109	**278.2**	*4.47*	31.77	*0.57*
USA, Maine	21399	**402.7**	*2.91*	48.60	*0.42*	19426	**319.1**	*2.55*	36.41	*0.33*
USA, Massachusetts	89306	**390.2**	*1.38*	47.35	*0.20*	87755	**314.0**	*1.17*	35.85	*0.16*
USA, Massachusetts: Asian and Pacific Islander	1214	**181.9**	*5.37*	22.45	*0.83*	1470	**183.4**	*4.98*	20.90	*0.70*
USA, Massachusetts: Black	3793	**401.4**	*6.71*	50.60	*1.02*	3235	**246.9**	*4.47*	28.40	*0.62*
USA, Massachusetts: White	82462	**389.0**	*1.44*	47.08	*0.21*	81900	**318.6**	*1.25*	36.37	*0.16*
USA, Michigan	136807	**385.9**	*1.09*	46.62	*0.16*	123503	**299.2**	*0.93*	34.13	*0.12*
USA, Michigan: Asian and Pacific Islander	672	**136.6**	*5.41*	15.58	*0.79*	798	**135.3**	*4.92*	15.41	*0.69*
USA, Michigan: Black	16837	**476.6**	*3.79*	59.03	*0.57*	14877	**305.0**	*2.62*	35.32	*0.36*
USA, Michigan: White	114626	**366.9**	*1.14*	44.15	*0.17*	105437	**296.3**	*1.01*	33.72	*0.13*
USA, Michigan, Detroit	55909	**412.1**	*1.83*	50.00	*0.27*	51673	**310.7**	*1.50*	35.77	*0.20*
*USA, Michigan, Detroit: Black	12711	**492.9**	*4.53*	60.96	*0.68*	11348	**308.2**	*3.05*	35.86	*0.42*
*USA, Michigan, Detroit: White	41548	**390.6**	*2.03*	47.06	*0.30*	39306	**314.8**	*1.77*	36.10	*0.24*
USA, Mississippi	37423	**399.2**	*2.12*	49.76	*0.31*	30729	**269.1**	*1.65*	31.13	*0.22*
USA, Missouri	75726	**365.0**	*1.39*	44.57	*0.20*	70446	**285.3**	*1.18*	32.76	*0.16*
USA, Missouri: Black	6785	**441.7**	*5.49*	54.41	*0.81*	6422	**285.9**	*3.73*	32.76	*0.51*
USA, Missouri: White	67807	**358.0**	*1.44*	43.67	*0.21*	63049	**286.0**	*1.26*	32.84	*0.17*
USA, Montana	13085	**350.3**	*3.22*	43.28	*0.48*	11199	**279.7**	*2.91*	32.10	*0.39*
USA, Montana: American Indian	501	**400.5**	*18.28*	47.13	*2.68*	546	**357.5**	*15.55*	39.85	*2.13*
USA, Nebraska	23119	**366.1**	*2.55*	44.22	*0.38*	20918	**288.8**	*2.23*	33.07	*0.29*
USA, Nebraska: Black	658	**424.7**	*17.00*	53.34	*2.55*	561	**278.1**	*12.24*	32.28	*1.74*
USA, Nebraska: White	21815	**358.8**	*2.59*	43.38	*0.38*	19877	**287.0**	*2.29*	32.87	*0.30*
USA, New Hampshire	17832	**381.8**	*2.98*	46.26	*0.44*	16751	**314.9**	*2.65*	35.93	*0.35*
USA, New Jersey	118492	**389.4**	*1.19*	47.06	*0.17*	114514	**309.2**	*1.01*	34.88	*0.13*
*USA, New Jersey: Black	13075	**429.4**	*3.82*	53.64	*0.57*	12027	**276.5**	*2.60*	31.63	*0.35*
*USA, New Jersey: White	99529	**387.4**	*1.31*	46.65	*0.19*	97507	**318.8**	*1.15*	35.97	*0.15*
USA, New Mexico	21193	**317.6**	*2.27*	39.24	*0.33*	18852	**252.8**	*1.97*	28.73	*0.26*
*USA, New Mexico: Hispanic White	5917	**276.4**	*3.70*	33.98	*0.55*	5472	**224.1**	*3.16*	24.83	*0.42*
*USA, New Mexico: Non−Hispanic White	14041	**361.7**	*3.32*	44.51	*0.46*	12052	**287.5**	*2.98*	32.85	*0.37*
*USA, New Mexico: White	19958	**329.5**	*2.45*	40.69	*0.35*	17524	**262.9**	*2.15*	29.85	*0.28*
USA, New York State	255006	**378.9**	*0.79*	45.66	*0.11*	247927	**298.4**	*0.66*	33.76	*0.09*
USA, New York State: Asian and Pacific Islander	6494	**176.8**	*2.23*	20.63	*0.33*	6993	**165.3**	*2.03*	18.14	*0.27*
USA, New York State: Black	33948	**408.7**	*2.25*	50.82	*0.33*	31899	**255.5**	*1.49*	29.11	*0.20*
USA, New York State: White	209223	**379.7**	*0.88*	45.59	*0.13*	204203	**309.6**	*0.77*	35.10	*0.10*
USA, North Carolina	110799	**380.5**	*1.18*	46.78	*0.17*	99312	**283.5**	*0.97*	32.50	*0.13*
USA, North Carolina: American Indian	818	**298.1**	*10.60*	38.61	*1.66*	666	**191.8**	*7.59*	22.13	*1.06*
USA, North Carolina: Asian and Pacific Islander	395	**124.7**	*6.52*	15.02	*0.99*	584	**137.0**	*5.90*	15.12	*0.81*
USA, North Carolina: Black	20941	**453.9**	*3.21*	56.41	*0.48*	17902	**272.6**	*2.14*	31.47	*0.29*
USA, North Carolina: White	87709	**366.5**	*1.28*	44.94	*0.19*	79338	**287.3**	*1.11*	32.86	*0.14*
USA, North Dakota	8984	**365.6**	*4.16*	44.87	*0.61*	7752	**288.9**	*3.72*	33.64	*0.49*
USA, Ohio	148223	**359.6**	*0.98*	43.57	*0.14*	141848	**289.1**	*0.84*	33.15	*0.11*
USA, Ohio: Asian and Pacific Islander	445	**112.4**	*5.44*	12.77	*0.79*	551	**111.0**	*4.84*	12.71	*0.69*
USA, Ohio: Black	14624	**421.8**	*3.60*	52.81	*0.53*	13616	**283.3**	*2.55*	32.73	*0.35*
USA, Ohio: White	129440	**348.2**	*1.02*	42.09	*0.15*	124846	**286.1**	*0.90*	32.79	*0.12*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites except non-melanoma skin (C00-96 exc. C44) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
America, North (contd)										
USA, Oklahoma	47419	**371.8**	*1.78*	45.12	*0.26*	43318	**297.0**	*1.55*	34.27	*0.20*
USA, Oklahoma: American Indian	3287	**425.0**	*7.54*	52.63	*1.15*	3393	**362.8**	*6.43*	41.93	*0.89*
USA, Oklahoma: Black	2644	**419.8**	*8.38*	52.08	*1.28*	2360	**284.4**	*6.12*	33.16	*0.86*
USA, Oklahoma: White	40717	**362.7**	*1.89*	43.94	*0.27*	36944	**292.0**	*1.68*	33.69	*0.22*
USA, Oregon	46752	**345.2**	*1.68*	41.89	*0.25*	44562	**293.4**	*1.52*	33.69	*0.20*
USA, Oregon: Asian and Pacific Islander	586	**178.8**	*7.59*	20.98	*1.14*	772	**174.8**	*6.53*	19.21	*0.88*
USA, Oregon: Black	581	**340.3**	*14.66*	41.25	*2.22*	446	**242.8**	*12.01*	27.22	*1.67*
USA, Oregon: White	44044	**341.2**	*1.72*	41.35	*0.25*	41885	**290.7**	*1.57*	33.44	*0.21*
USA, Pennsylvania	186951	**386.3**	*0.95*	46.79	*0.14*	178097	**307.8**	*0.83*	35.06	*0.11*
USA, Pennsylvania: Asian and Pacific Islander	1039	**156.8**	*4.95*	18.05	*0.72*	1164	**146.5**	*4.39*	16.63	*0.62*
USA, Pennsylvania: Black	15163	**463.9**	*3.88*	57.20	*0.57*	14359	**304.3**	*2.69*	35.28	*0.36*
USA, Pennsylvania: White	166819	**375.3**	*0.99*	45.38	*0.14*	160058	**306.2**	*0.88*	34.84	*0.11*
USA, Rhode Island	15285	**391.5**	*3.38*	47.00	*0.50*	14950	**316.7**	*2.92*	36.03	*0.38*
USA, Rhode Island: Black	484	**348.3**	*16.49*	41.85	*2.44*	490	**280.0**	*13.11*	32.04	*1.80*
USA, Rhode Island: White	14360	**390.6**	*3.50*	46.87	*0.51*	14112	**317.8**	*3.05*	36.14	*0.40*
USA, South Carolina	57657	**388.9**	*1.67*	47.90	*0.24*	49194	**279.1**	*1.35*	32.06	*0.18*
USA, South Carolina: Black	13765	**445.5**	*3.88*	56.34	*0.58*	11370	**259.7**	*2.55*	29.71	*0.34*
USA, South Carolina: White	43062	**372.1**	*1.87*	45.46	*0.27*	37163	**285.5**	*1.62*	32.80	*0.21*
USA, South Dakota	10365	**340.2**	*3.58*	41.19	*0.53*	8924	**267.5**	*3.19*	30.80	*0.42*
USA, Tennessee	75176	**361.1**	*1.36*	44.26	*0.20*	68310	**279.2**	*1.15*	32.19	*0.15*
USA, Tennessee: Black	8817	**396.9**	*4.36*	49.06	*0.65*	8791	**273.0**	*3.04*	31.73	*0.42*
USA, Tennessee: White	65542	**357.2**	*1.45*	43.73	*0.21*	58683	**280.4**	*1.26*	32.28	*0.16*
USA, Texas	236184	**351.8**	*0.75*	42.73	*0.11*	212296	**268.9**	*0.62*	30.68	*0.08*
USA, Texas: Asian and Pacific Islander	2244	**130.2**	*2.83*	15.13	*0.43*	2787	**126.6**	*2.47*	14.23	*0.35*
USA, Texas: Black	25766	**436.9**	*2.80*	53.54	*0.42*	22719	**277.7**	*1.92*	32.01	*0.27*
USA, Texas: White	201924	**341.9**	*0.79*	41.46	*0.12*	182447	**268.2**	*0.67*	30.59	*0.09*
USA, Utah	21334	**322.4**	*2.29*	39.70	*0.34*	17492	**239.0**	*1.90*	27.00	*0.26*
USA, Vermont	8716	**370.0**	*4.15*	45.41	*0.61*	8430	**316.6**	*3.77*	35.90	*0.49*
USA, Virginia	89069	**358.1**	*1.23*	43.70	*0.18*	81097	**273.0**	*1.02*	31.30	*0.14*
USA, Virginia: Asian and Pacific Islander	1326	**157.8**	*4.42*	18.79	*0.65*	1719	**153.1**	*3.78*	17.18	*0.52*
USA, Virginia: Black	16028	**429.1**	*3.48*	53.55	*0.52*	13741	**265.4**	*2.37*	30.68	*0.33*
USA, Virginia: White	69804	**346.0**	*1.36*	42.05	*0.20*	64071	**274.8**	*1.17*	31.51	*0.16*
USA, Washington State	78303	**361.0**	*1.34*	43.61	*0.20*	72619	**297.4**	*1.19*	33.91	*0.16*
USA, Washington, Seattle	55268	**377.2**	*1.67*	45.42	*0.25*	51487	**309.4**	*1.47*	35.24	*0.20*
USA, West Virginia	28243	**382.2**	*2.40*	46.10	*0.34*	25634	**305.3**	*2.12*	35.06	*0.27*
USA, Wisconsin	72698	**363.2**	*1.42*	44.03	*0.21*	67023	**293.2**	*1.25*	33.62	*0.17*
USA, Wisconsin: Black	2921	**485.3**	*9.32*	62.05	*1.42*	2493	**297.5**	*6.13*	34.12	*0.86*
USA, Wisconsin: White	67605	**353.8**	*1.44*	42.87	*0.21*	62742	**290.7**	*1.29*	33.35	*0.17*
USA, Wyoming	6398	**342.7**	*4.45*	42.28	*0.66*	5345	**274.7**	*4.03*	32.02	*0.54*
Asia										
Bahrain: Bahraini	1027	**139.9**	*4.53*	16.56	*0.68*	1182	**148.3**	*4.49*	16.55	*0.60*
China, Beijing City	46965	**160.7**	*0.83*	18.51	*0.11*	43180	**147.4**	*0.78*	16.60	*0.09*
*China, Cixian County	5092	**443.8**	*6.49*	55.41	*0.92*	3428	**264.5**	*4.67*	31.46	*0.64*
China, Haining County	3706	**178.0**	*3.08*	20.67	*0.41*	2561	**111.1**	*2.32*	12.53	*0.30*
*China, Harbin City, Nangang District	6087	**207.0**	*2.77*	24.31	*0.38*	5225	**163.8**	*2.34*	19.13	*0.31*
China, Hong Kong	60365	**239.8**	*1.04*	27.36	*0.14*	50526	**181.9**	*0.89*	19.60	*0.11*
China, Jiashan County	3314	**217.5**	*3.95*	26.95	*0.56*	2174	**137.8**	*3.18*	15.72	*0.41*
China, Jiaxing City	2467	**217.3**	*4.69*	25.21	*0.62*	1844	**159.0**	*3.93*	17.96	*0.50*
China, Macao	2659	**211.2**	*4.35*	24.55	*0.66*	2447	**157.1**	*3.47*	17.19	*0.48*
China, Qidong County	10023	**233.5**	*2.40*	26.90	*0.32*	6023	**129.5**	*1.76*	14.51	*0.23*
*China, Shanghai City	58480	**202.8**	*0.92*	22.54	*0.12*	53394	**177.5**	*0.87*	19.56	*0.11*
*China, Wuhan City	29502	**208.2**	*1.26*	24.75	*0.17*	22709	**156.3**	*1.11*	17.88	*0.14*
*China, Yangcheng County	3563	**424.1**	*8.13*	53.53	*1.07*	2761	**290.8**	*5.76*	35.00	*0.77*
*China, Yanting County	6373	**399.9**	*5.16*	46.33	*0.69*	3873	**228.8**	*3.72*	27.18	*0.52*
*China, Zhongshan City	6946	**250.3**	*3.07*	28.72	*0.41*	4662	**152.4**	*2.32*	16.62	*0.29*
*India, Bangalore	8264	**112.3**	*1.28*	13.43	*0.19*	10140	**136.8**	*1.40*	15.85	*0.19*
*India; Barshi, Paranda, and Bhum	588	**47.2**	*2.08*	5.23	*0.25*	626	**53.7**	*2.28*	5.93	*0.25*
*India, Bhopal	2470	**108.3**	*2.27*	12.96	*0.32*	2393	**107.6**	*2.26*	12.20	*0.30*
*India, Chennai	11435	**113.5**	*1.08*	13.47	*0.15*	12393	**121.9**	*1.11*	13.87	*0.15*
*India, Dindigul, Ambilikkai	2505	**53.1**	*1.07*	6.23	*0.15*	3336	**67.8**	*1.19*	7.23	*0.14*
*India, Karunagappally	1199	**114.6**	*3.34*	13.65	*0.46*	983	**79.4**	*2.58*	8.82	*0.33*
*India, Mizoram	3074	**195.4**	*3.65*	22.49	*0.51*	2448	**157.7**	*3.31*	18.46	*0.46*
*India, Mumbai	24331	**96.6**	*0.64*	10.97	*0.09*	25892	**104.6**	*0.66*	11.53	*0.09*
*India, New Delhi	30692	**118.4**	*0.72*	14.01	*0.10*	28658	**117.4**	*0.72*	13.38	*0.10*
*India, Poona	6152	**82.4**	*1.08*	9.37	*0.15*	6849	**89.0**	*1.10*	9.84	*0.14*
*India, Sikkim State	893	**95.0**	*3.29*	11.57	*0.48*	818	**105.8**	*3.87*	12.78	*0.55*
*India, Trivandrum	2081	**130.5**	*2.89*	15.52	*0.41*	2131	**113.8**	*2.49*	12.80	*0.32*
*Iran (Islamic Republic of), Golestan Province	2791	**165.3**	*3.32*	19.02	*0.46*	2398	**134.3**	*2.89*	14.99	*0.39*
Israel	56766	**299.2**	*1.32*	35.38	*0.19*	56531	**261.8**	*1.18*	29.30	*0.16*
*Israel: Jews	52333	**305.7**	*1.42*	36.18	*0.21*	52648	**271.2**	*1.29*	30.37	*0.17*
*Israel: Non–Jews	4433	**243.3**	*3.81*	28.53	*0.58*	3883	**182.9**	*3.05*	20.14	*0.42*
Japan, Aichi Prefecture	16305	**266.0**	*2.17*	31.48	*0.31*	10805	**173.9**	*1.86*	18.91	*0.23*
Japan, Fukui Prefecture	13285	**283.5**	*2.77*	32.90	*0.37*	9592	**188.9**	*2.42*	20.72	*0.28*
Japan, Hiroshima	20655	**386.3**	*2.84*	45.93	*0.40*	14698	**249.3**	*2.35*	27.69	*0.29*
Japan, Miyagi Prefecture	40561	**331.0**	*1.79*	40.13	*0.25*	27010	**207.8**	*1.50*	22.73	*0.18*
Japan, Nagasaki Prefecture	26871	**319.2**	*2.20*	37.58	*0.30*	19346	**204.7**	*1.86*	22.24	*0.21*
Japan, Niigata Prefecture	41458	**291.1**	*1.62*	34.49	*0.22*	29191	**192.6**	*1.44*	20.89	*0.16*
*Japan, Osaka Prefecture	109584	**242.6**	*0.79*	28.12	*0.10*	77902	**157.7**	*0.66*	17.03	*0.08*
Japan, Saga Prefecture	12969	**271.0**	*2.66*	32.12	*0.37*	9330	**161.1**	*2.13*	17.65	*0.25*
Republic of Korea	388433	**302.7**	*0.50*	36.38	*0.07*	327832	**203.4**	*0.36*	21.98	*0.04*
Republic of Korea, Busan	29252	**296.9**	*1.84*	35.11	*0.25*	24235	**192.4**	*1.27*	20.73	*0.16*
Republic of Korea, Daegu	18773	**307.0**	*2.34*	36.59	*0.33*	17745	**217.8**	*1.67*	23.44	*0.21*
Republic of Korea, Daejeon	10105	**308.8**	*3.18*	37.03	*0.46*	9807	**227.3**	*2.35*	24.51	*0.30*
Republic of Korea, Gwangju	10423	**328.4**	*3.33*	39.14	*0.48*	10156	**239.0**	*2.43*	25.79	*0.31*
Republic of Korea, Incheon	16370	**273.9**	*2.23*	33.08	*0.33*	14512	**187.4**	*1.61*	20.47	*0.21*
Republic of Korea, Jejudo	3504	**297.6**	*5.13*	35.17	*0.70*	2954	**192.3**	*3.73*	20.76	*0.44*
Republic of Korea, Seoul	74146	**293.4**	*1.12*	34.78	*0.16*	68864	**213.2**	*0.83*	23.02	*0.11*
Republic of Korea, Ulsan	6807	**315.0**	*4.19*	38.02	*0.62*	6242	**211.4**	*2.81*	22.69	*0.37*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites except non-melanoma skin (C00-96 exc. C44) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Asia (contd)										
Kuwait	3588	**92.2**	*2.02*	10.71	*0.31*	3948	**128.4**	*2.40*	14.99	*0.36*
*Kuwait: Kuwaitis	1560	**122.1**	*3.31*	14.18	*0.49*	2138	**136.4**	*3.12*	15.59	*0.44*
*Kuwait: Non−Kuwaitis	2028	**80.7**	*3.15*	9.02	*0.42*	1810	**128.4**	*4.17*	15.17	*0.65*
*Malaysia, Penang	3382	**151.7**	*2.67*	17.57	*0.39*	4076	**150.9**	*2.39*	16.98	*0.32*
*Malaysia, Penang: Chinese	2334	**173.7**	*3.64*	20.10	*0.52*	2669	**171.9**	*3.37*	19.10	*0.44*
*Malaysia, Penang: Indian	256	**125.7**	*8.34*	14.65	*1.26*	446	**170.0**	*8.38*	19.52	*1.17*
*Malaysia, Penang: Malay	774	**102.2**	*3.92*	11.54	*0.58*	931	**95.8**	*3.25*	10.88	*0.44*
*Philippines, Manila	16136	**213.7**	*1.84*	24.53	*0.27*	22415	**209.9**	*1.48*	23.40	*0.21*
*Philippines, Rizal	15722	**194.6**	*1.69*	22.52	*0.25*	21818	**194.7**	*1.40*	21.85	*0.20*
Qatar: Qatari	401	**147.4**	*7.97*	18.75	*1.18*	466	**147.2**	*7.30*	16.66	*1.01*
*Saudi Arabia, Riyadh: Saudi	5150	**100.4**	*1.51*	11.62	*0.22*	5381	**100.7**	*1.49*	11.04	*0.20*
Singapore	20963	**219.9**	*1.56*	25.42	*0.23*	21915	**192.0**	*1.34*	20.73	*0.18*
Singapore: Chinese	18012	**237.1**	*1.81*	27.32	*0.26*	18648	**200.5**	*1.53*	21.60	*0.20*
Singapore: Indian	942	**129.3**	*4.42*	15.20	*0.64*	935	**133.5**	*4.57*	15.06	*0.62*
Singapore: Malay	1699	**161.8**	*4.12*	18.47	*0.59*	2054	**166.2**	*3.83*	18.46	*0.50*
Thailand, Bangkok	22072	**166.0**	*1.15*	18.85	*0.16*	25232	**138.6**	*0.90*	15.17	*0.12*
Thailand, Chiang Mai	6452	**146.9**	*1.91*	17.38	*0.26*	7455	**152.4**	*1.85*	17.26	*0.24*
Thailand, Chonburi	4120	**161.8**	*2.59*	18.72	*0.37*	4792	**151.0**	*2.25*	16.25	*0.29*
*Thailand, Khon Kaen	5978	**144.3**	*1.91*	17.50	*0.28*	5580	**112.8**	*1.53*	12.85	*0.21*
Thailand, Lampang	4116	**168.9**	*2.68*	20.19	*0.38*	4129	**153.9**	*2.46*	17.37	*0.32*
*Thailand, Songkhla	3460	**137.3**	*2.37*	15.48	*0.33*	3071	**103.3**	*1.90*	11.29	*0.24*
*Turkey, Antalya	7783	**214.3**	*2.47*	25.46	*0.35*	5519	**141.3**	*1.94*	15.27	*0.25*
*Turkey, Edirne	2292	**233.8**	*5.00*	27.83	*0.68*	1264	**123.2**	*3.61*	13.69	*0.43*
*Turkey, Izmir	26461	**286.0**	*1.78*	34.91	*0.26*	17087	**163.2**	*1.27*	17.90	*0.16*
*Turkey, Trabzon	2582	**233.0**	*4.67*	28.79	*0.65*	1753	**136.1**	*3.34*	14.00	*0.39*
Europe										
Austria	104288	**317.7**	*1.03*	37.94	*0.14*	90223	**223.4**	*0.85*	24.86	*0.11*
Austria, Tyrol	8987	**346.5**	*3.79*	41.03	*0.52*	7596	**245.7**	*3.13*	27.13	*0.39*
Austria, Vorarlberg	4898	**377.8**	*5.55*	46.44	*0.79*	3456	**225.3**	*4.19*	25.12	*0.53*
*Belarus	81581	**276.1**	*1.01*	33.98	*0.14*	77290	**182.6**	*0.72*	20.62	*0.08*
*Belgium	134748	**375.6**	*1.10*	45.43	*0.15*	108038	**281.8**	*0.97*	31.56	*0.12*
Bulgaria	75569	**236.7**	*0.92*	28.63	*0.12*	69897	**194.5**	*0.82*	21.90	*0.09*
Croatia	56089	**321.5**	*1.44*	38.18	*0.19*	48081	**223.8**	*1.15*	24.88	*0.13*
Cyprus	6418	**236.6**	*3.13*	27.12	*0.44*	5819	**205.8**	*2.86*	22.73	*0.35*
Czech Republic	133841	**341.7**	*0.97*	41.21	*0.14*	120739	**249.4**	*0.79*	28.40	*0.10*
Denmark	75150	**324.4**	*1.25*	38.70	*0.18*	73071	**292.7**	*1.20*	33.81	*0.15*
*Estonia	14501	**309.9**	*2.66*	38.49	*0.38*	13817	**199.7**	*1.92*	22.39	*0.23*
Finland	64910	**292.3**	*1.21*	34.39	*0.17*	58583	**226.6**	*1.06*	25.22	*0.13*
*France, Bas−Rhin	16315	**414.5**	*3.37*	51.00	*0.49*	11870	**256.9**	*2.62*	29.16	*0.33*
*France, Calvados	10187	**393.1**	*4.15*	47.97	*0.59*	7508	**246.8**	*3.24*	27.42	*0.39*
*France, Doubs	7968	**391.1**	*4.63*	47.63	*0.66*	5519	**247.9**	*3.72*	27.64	*0.46*
*France, Haut−Rhin	11362	**396.7**	*3.89*	49.99	*0.56*	7750	**245.0**	*3.08*	28.02	*0.38*
*France, Hérault	16989	**399.3**	*3.32*	48.59	*0.46*	11441	**248.0**	*2.63*	27.44	*0.32*
*France, Isère	16915	**382.4**	*3.08*	46.42	*0.44*	12342	**255.7**	*2.54*	28.45	*0.31*
*France, Loire−Atlantique	19219	**426.7**	*3.25*	52.66	*0.46*	13345	**251.6**	*2.44*	28.21	*0.30*
*France, Manche	8492	**376.6**	*4.50*	46.17	*0.62*	5518	**222.0**	*3.54*	24.80	*0.42*
*France, Somme	8980	**416.6**	*4.69*	52.16	*0.67*	6547	**266.1**	*3.69*	30.07	*0.46*
*France, Tarn	6991	**361.1**	*4.90*	42.73	*0.66*	4779	**243.3**	*4.28*	26.82	*0.49*
*France, Vendée	9721	**358.1**	*3.96*	44.58	*0.54*	6596	**234.3**	*3.33*	26.59	*0.39*
Germany, Brandenburg	41215	**347.1**	*1.82*	41.78	*0.24*	31997	**228.9**	*1.50*	25.43	*0.17*
Germany, Bremen	11072	**350.0**	*3.54*	41.99	*0.49*	10077	**263.9**	*3.10*	29.75	*0.38*
Germany, Free State of Saxony	67905	**319.6**	*1.32*	37.94	*0.17*	57671	**217.7**	*1.11*	24.37	*0.13*
Germany, Hamburg	24380	**324.3**	*2.20*	38.59	*0.30*	23349	**254.3**	*1.94*	28.47	*0.24*
Germany, Mecklenburg−Western Pomerania	27323	**352.5**	*2.25*	42.68	*0.30*	20998	**225.2**	*1.80*	25.40	*0.21*
Germany, Munich	55164	**323.7**	*1.46*	38.30	*0.20*	50323	**252.8**	*1.29*	28.18	*0.16*
Germany, North Rhine−Westphalia	38725	**340.2**	*1.85*	41.03	*0.25*	33129	**252.5**	*1.60*	28.28	*0.19*
Germany, Saarland	17970	**354.4**	*2.86*	42.61	*0.38*	15024	**255.6**	*2.45*	28.71	*0.29*
Germany, Schleswig−Holstein	46876	**349.0**	*1.72*	41.66	*0.23*	42344	**278.9**	*1.58*	31.08	*0.19*
Iceland	3370	**317.6**	*5.77*	38.70	*0.87*	2957	**277.8**	*5.47*	31.68	*0.72*
Ireland	43715	**321.8**	*1.58*	38.51	*0.23*	38531	**258.3**	*1.40*	29.12	*0.19*
Italy, Biella	3773	**372.3**	*6.84*	44.22	*0.89*	3133	**265.5**	*5.95*	29.57	*0.68*
Italy, Brescia	13702	**372.2**	*3.35*	45.50	*0.47*	11714	**279.2**	*2.98*	30.74	*0.35*
Italy, Catania and Messina	12725	**291.8**	*2.81*	34.71	*0.38*	10822	**227.9**	*2.48*	25.19	*0.29*
Italy, Catanzaro	3063	**290.5**	*5.79*	34.18	*0.77*	2336	**214.2**	*5.09*	23.52	*0.59*
Italy, Como	8882	**348.6**	*3.96*	42.54	*0.54*	7516	**256.4**	*3.47*	28.65	*0.41*
Italy, Ferrara	8159	**398.3**	*5.20*	46.43	*0.66*	6674	**300.4**	*4.69*	32.49	*0.51*
Italy, Florence and Prato	12692	**332.3**	*3.37*	38.85	*0.44*	10960	**265.5**	*3.11*	29.03	*0.35*
Italy, Friuli−Venezia Giulia	24199	**379.5**	*2.70*	45.95	*0.37*	19838	**274.0**	*2.40*	30.59	*0.28*
Italy, Genoa	15154	**368.3**	*3.50*	43.87	*0.45*	12875	**271.0**	*3.09*	30.00	*0.34*
Italy, Latina	6766	**298.8**	*3.91*	35.71	*0.53*	5646	**245.3**	*3.65*	26.75	*0.42*
Italy, Lecco	5427	**363.7**	*5.25*	43.47	*0.73*	4617	**270.1**	*4.65*	29.90	*0.55*
Italy, Lombardy, South	8476	**394.6**	*4.72*	46.66	*0.62*	7050	**279.5**	*4.05*	31.27	*0.47*
Italy, Mantua	4098	**355.7**	*6.15*	43.25	*0.83*	3600	**276.9**	*5.60*	30.96	*0.65*
Italy, Milan	18900	**359.0**	*2.94*	43.24	*0.39*	17224	**263.8**	*2.51*	29.09	*0.28*
Italy, Modena	12387	**371.9**	*3.71*	45.68	*0.51*	10004	**280.9**	*3.34*	31.10	*0.39*
Italy, Naples	6075	**347.1**	*4.57*	42.17	*0.64*	4793	**239.7**	*3.67*	26.43	*0.45*
Italy, Nuoro	3094	**276.5**	*5.41*	33.51	*0.74*	2500	**208.7**	*4.83*	23.04	*0.56*
Italy, Palermo	11865	**285.7**	*2.84*	34.14	*0.39*	9907	**218.1**	*2.46*	24.40	*0.29*
Italy, Parma	8025	**357.7**	*4.54*	42.56	*0.61*	7289	**297.7**	*4.38*	32.55	*0.50*
Italy, Ragusa	3847	**276.2**	*4.91*	32.17	*0.67*	3197	**221.1**	*4.50*	24.23	*0.53*
Italy, Reggio Emilia	8523	**353.6**	*4.25*	42.89	*0.58*	7201	**279.5**	*3.91*	31.10	*0.47*
Italy, Romagna	23250	**370.5**	*2.77*	43.67	*0.37*	18639	**288.9**	*2.59*	31.35	*0.29*
Italy, Salerno	13263	**280.3**	*2.66*	33.03	*0.36*	9995	**200.6**	*2.29*	21.87	*0.27*
Italy, Sassari	6562	**315.6**	*4.17*	37.35	*0.57*	5297	**240.5**	*3.72*	26.71	*0.44*
Italy, Sondrio	3390	**415.4**	*7.57*	50.38	*1.04*	2403	**255.3**	*6.07*	28.41	*0.73*
Italy, South Tyrol	6017	**376.0**	*5.14*	44.38	*0.71*	4614	**246.6**	*4.17*	27.21	*0.51*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites except non-melanoma skin (C00-96 exc. C44) (contd)

	Male					Female				
	Cases	ASR (W)		CUM 0-74		Cases	ASR (W)		CUM 0-74	
Europe (contd)										
Italy, Syracuse	4852	**276.6**	*4.28*	33.00	*0.58*	3746	**207.1**	*3.82*	22.75	*0.45*
Italy, Trapani	4155	**260.3**	*4.47*	30.90	*0.60*	3349	**201.4**	*4.05*	22.38	*0.47*
Italy, Trento	5675	**311.6**	*4.46*	37.34	*0.62*	4871	**235.7**	*4.02*	25.95	*0.47*
Italy, Turin	16962	**346.5**	*2.98*	41.71	*0.40*	13795	**247.9**	*2.61*	27.51	*0.30*
Italy, Umbria	15450	**322.4**	*2.99*	38.90	*0.40*	11804	**235.6**	*2.67*	26.38	*0.31*
Italy, Varese	14599	**372.1**	*3.32*	44.61	*0.45*	11404	**254.9**	*2.81*	28.13	*0.33*
Italy, Veneto	31564	**365.2**	*2.22*	44.15	*0.31*	26460	**267.3**	*1.94*	29.44	*0.23*
Latvia	18513	**297.1**	*2.24*	36.77	*0.32*	18438	**196.9**	*1.63*	22.23	*0.19*
Lithuania	41205	**365.1**	*1.85*	45.75	*0.26*	33801	**210.7**	*1.28*	23.52	*0.15*
Malta	3727	**239.9**	*4.11*	27.53	*0.57*	3561	**205.8**	*3.74*	23.04	*0.46*
*The Netherlands	198674	**307.2**	*0.72*	37.03	*0.10*	186841	**265.1**	*0.67*	30.24	*0.09*
*The Netherlands, Eindhoven	13442	**322.5**	*2.89*	38.89	*0.41*	11889	**271.3**	*2.68*	30.95	*0.34*
Norway	62640	**330.9**	*1.42*	39.45	*0.21*	55200	**269.4**	*1.29*	30.59	*0.17*
Poland, Cracow	5672	**266.4**	*3.71*	32.24	*0.51*	6387	**224.0**	*3.13*	25.33	*0.38*
Poland, Kielce	12091	**261.4**	*2.50*	31.84	*0.35*	10170	**178.7**	*1.97*	20.21	*0.24*
Poland, Lower Silesia	25716	**267.1**	*1.75*	32.52	*0.25*	25749	**200.7**	*1.38*	23.08	*0.17*
Poland, Podkarpackie	17548	**261.1**	*2.06*	31.36	*0.29*	14618	**172.5**	*1.56*	19.25	*0.19*
Portugal, Azores	2717	**350.7**	*6.99*	41.68	*0.97*	1865	**206.8**	*5.20*	22.62	*0.63*
Russian Federation, Saint Petersburg	35978	**247.2**	*1.36*	30.16	*0.19*	47368	**191.9**	*1.00*	21.64	*0.12*
*Serbia, Central	53308	**235.6**	*1.09*	28.52	*0.14*	49534	**206.4**	*1.02*	23.31	*0.12*
Slovakia	55133	**330.1**	*1.45*	39.65	*0.21*	49245	**222.8**	*1.08*	25.18	*0.14*
Slovenia	25035	**326.7**	*2.13*	39.15	*0.29*	22240	**235.4**	*1.76*	26.25	*0.21*
Spain, Albacete	5167	**304.1**	*4.75*	35.95	*0.64*	3051	**174.1**	*3.69*	18.75	*0.44*
Spain, Asturias	18594	**347.7**	*2.89*	41.49	*0.38*	11856	**191.9**	*2.17*	20.90	*0.25*
Spain, Basque Country	36359	**376.6**	*2.14*	45.27	*0.29*	22499	**208.6**	*1.62*	22.39	*0.19*
Spain, Canary Islands	13851	**305.2**	*2.68*	37.02	*0.37*	9568	**191.0**	*2.09*	21.04	*0.26*
Spain, Ciudad Real	5297	**285.5**	*4.46*	34.17	*0.62*	3364	**169.6**	*3.50*	18.53	*0.42*
Spain, Cuenca	3366	**285.0**	*5.96*	33.76	*0.78*	1801	**167.5**	*5.10*	17.70	*0.55*
Spain, Girona	9966	**357.0**	*3.90*	42.40	*0.54*	6250	**208.7**	*3.04*	22.64	*0.37*
*Spain, Granada	9533	**280.8**	*3.11*	34.28	*0.43*	6690	**185.6**	*2.54*	20.42	*0.30*
Spain, La Rioja	4476	**312.3**	*5.18*	37.31	*0.72*	2824	**190.0**	*4.25*	20.54	*0.50*
Spain, Mallorca	10171	**344.7**	*3.61*	41.76	*0.51*	6635	**200.4**	*2.77*	21.81	*0.34*
Spain, Murcia	16019	**327.8**	*2.76*	38.66	*0.38*	10763	**205.5**	*2.19*	22.56	*0.27*
Spain, Navarra	8813	**334.2**	*3.89*	40.33	*0.54*	5902	**212.9**	*3.23*	22.80	*0.38*
Spain, Tarragona	10189	**338.6**	*3.65*	40.22	*0.50*	6445	**208.8**	*2.95*	22.85	*0.36*
*Sweden	121297	**287.4**	*0.90*	35.14	*0.13*	105901	**245.8**	*0.86*	28.40	*0.11*
Switzerland, Basel	6141	**307.2**	*4.25*	37.34	*0.59*	4986	**214.6**	*3.53*	24.32	*0.43*
Switzerland, Geneva	5879	**351.5**	*4.80*	41.65	*0.68*	5427	**273.2**	*4.13*	30.53	*0.51*
Switzerland, Graubünden and Glarus	3254	**331.4**	*6.27*	39.71	*0.88*	2516	**230.5**	*5.21*	26.06	*0.66*
Switzerland, Neuchâtel	2444	**340.6**	*7.40*	41.37	*1.05*	2104	**246.8**	*6.24*	27.70	*0.77*
Switzerland, St Gall−Appenzell	6716	**312.7**	*4.02*	38.00	*0.58*	5161	**216.1**	*3.38*	24.60	*0.43*
Switzerland, Ticino	4833	**324.9**	*5.02*	38.60	*0.68*	4376	**250.9**	*4.44*	28.09	*0.53*
Switzerland, Valais	4165	**346.6**	*5.66*	41.61	*0.78*	3115	**233.5**	*4.69*	26.08	*0.57*
Switzerland, Vaud	9034	**349.2**	*3.88*	42.32	*0.56*	7714	**254.3**	*3.24*	29.00	*0.41*
Switzerland, Zurich	16944	**320.4**	*2.61*	38.22	*0.37*	14425	**237.1**	*2.21*	26.93	*0.28*
Ukraine	360116	**235.4**	*0.41*	28.89	*0.05*	361812	**170.4**	*0.31*	19.33	*0.04*
UK, England	625958	**284.8**	*0.39*	33.17	*0.05*	601368	**250.3**	*0.37*	28.08	*0.05*
UK, England, East of England Region	69402	**270.0**	*1.11*	31.37	*0.16*	65292	**238.0**	*1.06*	26.69	*0.13*
UK, England, North Western	86548	**305.9**	*1.11*	35.76	*0.16*	82807	**262.8**	*1.04*	29.59	*0.13*
UK, England, Northern and Yorkshire	89833	**302.0**	*1.08*	35.05	*0.15*	85928	**263.0**	*1.02*	29.56	*0.13*
UK, England, Oxford Region	31120	**278.4**	*1.67*	32.62	*0.24*	30367	**251.7**	*1.60*	28.29	*0.21*
UK, England, South and Western Regions	98014	**290.7**	*1.02*	33.50	*0.14*	93283	**258.4**	*0.99*	28.84	*0.12*
UK, England, Thames	122462	**273.5**	*0.83*	32.15	*0.12*	120517	**236.4**	*0.76*	26.55	*0.10*
UK, England, Trent	38409	**281.4**	*1.55*	32.79	*0.22*	36721	**256.0**	*1.52*	28.55	*0.19*
UK, England, West Midlands	66583	**279.9**	*1.16*	32.67	*0.16*	62903	**246.4**	*1.11*	27.50	*0.14*
UK, Northern Ireland	18791	**293.6**	*2.24*	34.69	*0.32*	18484	**253.5**	*2.05*	28.46	*0.26*
UK, Scotland	70099	**319.1**	*1.28*	37.29	*0.18*	70743	**274.7**	*1.17*	30.97	*0.15*
UK, Wales	43664	**310.3**	*1.61*	35.65	*0.22*	40011	**261.5**	*1.51*	29.52	*0.19*
Oceania										
Australian Capital Territory	3517	**346.5**	*6.02*	40.87	*0.89*	3062	**269.9**	*5.12*	30.09	*0.69*
Australia, New South Wales	97738	**375.8**	*1.26*	44.62	*0.18*	75725	**273.0**	*1.08*	30.51	*0.14*
Australia, Northern Territory	1605	**340.0**	*9.04*	40.10	*1.35*	1094	**236.6**	*7.61*	25.90	*1.09*
Australia, Northern Territory: Indigenous	247	**326.0**	*22.67*	38.49	*3.34*	254	**236.4**	*15.60*	28.58	*2.27*
Australia, Northern Territory: Non−Indigenous	1328	**338.8**	*9.95*	39.81	*1.47*	828	**233.8**	*8.72*	24.73	*1.24*
Australia, Queensland	57868	**395.5**	*1.71*	46.93	*0.24*	43842	**290.2**	*1.48*	32.49	*0.19*
South Australia	24612	**376.5**	*2.57*	44.07	*0.36*	18748	**267.9**	*2.19*	30.00	*0.28*
Australia, Tasmania	7923	**403.0**	*4.78*	48.26	*0.68*	5854	**273.7**	*3.92*	30.66	*0.50*
Australia, Victoria	71602	**370.0**	*1.46*	43.43	*0.21*	56310	**268.8**	*1.24*	29.87	*0.16*
Western Australia	26594	**364.9**	*2.32*	42.73	*0.33*	20408	**267.0**	*2.00*	29.52	*0.26*
New Zealand	50041	**342.9**	*1.60*	40.68	*0.23*	45118	**282.7**	*1.43*	31.77	*0.19*
New Zealand: Maori	3622	**375.4**	*6.54*	45.97	*0.96*	4430	**376.0**	*5.84*	43.87	*0.82*
New Zealand: Pacific Islander	1403	**363.1**	*10.41*	41.19	*1.43*	1526	**300.4**	*7.90*	33.18	*1.07*
New Zealand: Other	45016	**340.2**	*1.70*	40.29	*0.24*	39162	**274.2**	*1.53*	30.65	*0.20*
USA, Hawaii	15738	**324.6**	*2.77*	38.99	*0.40*	14017	**273.0**	*2.53*	30.85	*0.32*
*USA, Hawaii: Chinese	945	**312.1**	*11.56*	37.94	*1.69*	894	**265.6**	*10.26*	29.29	*1.28*
*USA, Hawaii: Filipino	2063	**349.2**	*8.38*	44.61	*1.26*	1869	**281.1**	*6.84*	32.25	*0.89*
*USA, Hawaii: Hawaiian	1919	**315.1**	*7.51*	42.50	*1.23*	2327	**308.2**	*6.64*	36.87	*0.90*
*USA, Hawaii: Japanese	4276	**297.7**	*5.21*	33.74	*0.74*	3771	**232.3**	*4.73*	26.08	*0.57*
*USA, Hawaii: White	5371	**409.2**	*5.92*	49.00	*0.87*	3939	**316.9**	*5.57*	37.02	*0.76*

*Important. See note on population page.

Indices of data quality

Indices of data quality

Oral cavity pharynx (C00-14)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	211	99.5			90	97.8		
Egypt, Gharbiah	326	96.6	2.8	31.0	207	95.7	2.9	38.2
*Libya, Benghazi	65	95.4	3.1	26.2	47	93.6	0.0	29.8
*Malawi, Blantyre	39	79.5			34	73.5		
*South Africa, PROMEC	78	79.5			27	77.8		
*Tunisia, North	496	99.2			251	98.8		
*Uganda, Kyadondo County	110	61.8	0.0		72	41.7	0.0	
*Zimbabwe, Harare: African	52	78.8	5.8		36	77.8	2.8	
America, Central and South								
Argentina, Bahía Blanca	59	100.0	0.0	49.2	25	100.0	0.0	60.0
Argentina, Córdoba	148	91.2	7.4	35.8	81	91.4	8.6	29.6
Argentina, Mendoza	202	96.0	3.5	49.0	109	94.5	3.7	35.8
*Argentina, Tierra del Fuego	12	100.0	0.0	83.3	7	100.0	0.0	0.0
Brazil, Aracaju	126	95.2	3.2	37.3	42	95.2	4.8	33.3
Brazil, Belo Horizonte	480	93.5	6.0	35.0	170	95.9	4.1	25.3
Brazil, Cuiabá	163	90.8	4.9	52.8	53	90.6	1.9	37.7
Brazil, Fortaleza	456	95.6	4.2	40.1	188	95.2	4.8	30.3
Brazil, Goiânia	474	97.5	0.6	38.2	169	94.7	3.0	30.2
*Brazil, São Paulo	4849	82.2	7.1	37.3	1840	72.7	4.3	21.0
Chile, Region of Antofagasta	42	81.0	0.0	57.1	30	80.0	3.3	40.0
Chile, Bío Bío Province	13	53.8	0.0	84.6	13	76.9	0.0	46.2
Chile, Valdivia	30	96.7	3.3	53.3	11	90.9	0.0	36.4
Colombia, Bucaramanga	117	92.3	5.1	51.3	81	92.6	4.9	32.1
Colombia, Cali	248	94.0	0.0	31.5	190	92.1	0.5	32.1
Colombia, Manizales	42	92.9	2.4	31.0	33	93.9	0.0	36.4
Colombia, Pasto	12	91.7	0.0	33.3	21	81.0	9.5	14.3
Costa Rica	459	92.6	2.8	48.6	215	94.4	2.8	39.1
Cuba, Villa Clara	242	89.3	4.1	62.0	93	91.4	1.1	44.1
Ecuador, Cuenca	14	92.9	7.1	57.1	13	100.0	0.0	46.2
Ecuador, Quito	56	96.4	1.8	37.5	81	93.8	4.9	38.3
*France, Martinique	167	98.8		43.7	28	96.4		14.3
*Jamaica, Kingston and St Andrew	68	97.1			35	100.0		
USA, Puerto Rico	1368	94.7	3.9	38.9	402	94.0	4.5	32.0
Uruguay	606	87.3	11.1	51.5	202	90.1	8.4	45.0
America, North								
Canada	11347	93.7	0.8	30.6	5355	92.4	1.3	32.4
Canada, Alberta	895	99.2	0.0	32.3	456	98.2	0.2	29.6
Canada, British Columbia	1417	98.5	0.2	33.0	691	97.5	0.9	35.9
Canada, Manitoba	483	97.9	0.2	29.2	229	98.3	0.4	30.1
Canada, New Brunswick	292	99.3	0.0	27.4	113	97.3	0.0	24.8
Canada, Newfoundland and Labrador	199	97.5	0.5	29.1	69	95.7	0.0	17.4
*Canada, Northwest Territories	22	100.0	0.0	13.6	5	100.0	0.0	60.0
Canada, Nova Scotia	395	98.0	0.8	28.4	155	99.4	0.0	30.3
Canada, Ontario	4455	94.3	0.7	31.2	2165	92.4	1.1	31.2
Canada, Prince Edward Island	43	100.0	0.0	30.2	28	100.0	0.0	28.6
*Canada, Quebec	2821	85.8	1.7	32.3	1282	84.4	2.7	32.2
Canada, Saskatchewan	319	98.4	0.0	28.5	155	96.8	0.6	31.6
*Canada, Yukon	6	66.7	0.0	66.7	7	85.7	0.0	85.7
USA, NPCR (42 states)	100769	97.7	0.9	23.7	44551	97.1	1.1	25.1
USA, NPCR (42 states): American Indian	482	96.5	1.2	24.5	234	98.3	0.9	26.5
USA, NPCR (42 states): Asian and Pacific Islander	2039	97.8	0.5	31.7	1237	97.6	0.6	25.5
USA, NPCR (42 states): Black	10304	97.1	1.1	35.5	4344	97.2	1.1	27.6
USA, NPCR (42 states): White	86488	97.7	0.9	22.5	37933	97.1	1.2	25.3
USA, SEER (9 registries)	10109	98.7	0.4	22.5	4704	98.1	0.9	24.8
*USA, SEER (9 registries): Black	947	98.3	0.2		457	98.0	0.4	
*USA, SEER (9 registries): White	8257	98.7	0.4		3738	98.0	1.0	
USA, SEER (18 registries)	29078	98.2	0.5	22.3	13221	97.7	0.8	23.8
*USA, SEER (18 registries): Asian and Pacific Islander	1663	98.3	0.3		985	97.7	0.8	
*USA, SEER (18 registries): Black	2797	97.6	0.6		1289	97.4	0.9	
*USA, SEER (18 registries): Hispanic White	1825	97.8	0.5		898	98.3	0.2	
*USA, SEER (18 registries): Non−Hispanic White	22344	98.3	0.5		9786	97.6	0.8	
*USA, SEER (18 registries): White	24169	98.3	0.5		10684	97.7	0.8	
USA, Alabama	2193	98.1	0.7	24.3	883	98.1	0.6	26.3
USA, Alabama: Black	380	97.6	1.1	43.2	165	98.2	0.6	33.3
USA, Alabama: White	1790	98.2	0.7	20.5	704	98.0	0.6	25.0
USA, Alaska	214	97.7	0.0	15.4	73	95.9	1.4	39.7
*USA, Alaska: American Indian	38	100.0	0.0	13.2	21	100.0	0.0	71.4
USA, Arizona	1839	93.9	2.1	24.4	834	91.8	2.8	23.4
USA, Arizona: American Indian	26	92.3	0.0	34.6	20	95.0	5.0	15.0
USA, Arizona: Asian and Pacific Islander	19	100.0	0.0	26.3	13	100.0	0.0	30.8
USA, Arizona: Black	38	86.8	2.6	36.8	16	93.8	0.0	37.5
USA, Arizona: White	1721	93.9	2.1	24.4	769	91.4	2.9	23.7
USA, Arkansas	1172	97.8	0.5	29.4	526	98.3	0.8	24.1
USA, Arkansas: Black	88	97.7	0.0	62.5	43	100.0	0.0	48.8
USA, Arkansas: White	1067	97.8	0.6	27.1	477	98.1	0.8	22.2
USA, California	11513	98.3	0.3	24.8	5413	97.6	0.6	26.6
USA, California: American Indian	54	96.3	1.9	35.2	24	100.0	0.0	29.2
USA, California: Asian and Pacific Islander	993	97.8	0.5	32.8	630	97.6	0.8	27.6
USA, California: Black	670	98.4	0.4	36.9	327	96.0	1.2	29.7
USA, California: White	9564	98.3	0.3	23.7	4310	97.7	0.5	26.9
USA, California, Los Angeles County	2496	97.8	0.6	28.9	1273	98.3	0.2	27.7
*USA, California, Los Angeles County: Asian and Pacific Islander	312	97.1	1.0		190	96.8	0.5	
*USA, California, Los Angeles County: Black	294	98.0	0.0		149	94.6	1.3	
*USA, California, Los Angeles County: Chinese	121	95.9	0.8		65	95.4	0.0	
*USA, California, Los Angeles County: Filipino	67	97.0	0.0		50	98.0	0.0	
*USA, California, Los Angeles County: Hispanic White	418	97.4	1.0		262	98.9	0.0	

*Important. See note on population page.

Oral cavity pharynx (C00-14) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	24	100.0	0.0		14	100.0	0.0	
*USA, California, Los Angeles County: Korean	33	100.0	0.0		16	93.8	0.0	
*USA, California, Los Angeles County: Non−Hispanic White	1435	98.0	0.5		651	99.2	0.0	
*USA, California, Los Angeles County: White	1853	97.8	0.6		913	99.1	0.0	
USA, California, San Francisco Bay Area	1542	98.9	0.4	23.3	819	98.2	1.2	25.0
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	307	98.0	0.7		166	98.2	1.2	
*USA, California, San Francisco Bay Area: Black	114	98.2	0.0		67	97.0	1.5	
*USA, California, San Francisco Bay Area: Hispanic White	101	97.0	2.0		46	100.0	0.0	
*USA, California, San Francisco Bay Area: Non−Hispanic White	995	99.4	0.2		523	98.1	1.3	
*USA, California, San Francisco Bay Area: White	1096	99.2	0.4		569	98.2	1.2	
USA, Colorado	1400	97.8	1.0	19.3	632	97.8	1.1	28.6
USA, Colorado: Asian and Pacific Islander	19	100.0	0.0	10.5	12	91.7	8.3	25.0
USA, Colorado: Black	41	95.1	4.9	41.5	10	100.0	0.0	40.0
USA, Colorado: White	1311	97.8	0.9	19.1	590	97.8	1.0	29.3
USA, Connecticut	1386	99.0	0.4	19.0	634	98.4	0.9	21.8
*USA, Connecticut: Black	127	98.4	0.0		46	97.8	0.0	
*USA, Connecticut: White	1218	99.0	0.5		570	98.4	1.1	
USA, Delaware	357	98.3	0.8	21.8	142	97.2	2.1	23.9
USA, Delaware: Black	70	100.0	0.0	27.1	15	100.0	0.0	6.7
USA, Delaware: White	281	97.9	1.1	21.0	122	96.7	2.5	27.0
USA, Florida	9269	97.0	1.7	23.4	3891	97.0	1.7	24.5
USA, Florida: Asian and Pacific Islander	41	100.0	0.0	41.5	33	100.0	0.0	18.2
USA, Florida: Black	743	96.8	1.5	31.2	350	96.3	2.3	26.6
USA, Florida: White	8365	97.0	1.7	22.9	3457	97.0	1.7	24.7
USA, Georgia	3301	97.6	1.2	24.0	1409	97.2	1.6	23.8
USA, Georgia: Asian and Pacific Islander	29	100.0	0.0	13.8	21	90.5	4.8	23.8
USA, Georgia: Black	678	96.8	0.9	36.4	337	97.9	1.2	22.8
USA, Georgia: White	2570	97.8	1.4	21.1	1037	97.0	1.6	24.3
USA, Georgia, Atlanta	909	98.7	0.6	20.6	416	98.3	0.7	21.6
*USA, Georgia, Atlanta: Black	266	97.4	0.4		132	99.2	0.0	
*USA, Georgia, Atlanta: White	607	99.2	0.7		259	98.1	1.2	
USA, Idaho	551	96.9	2.5	21.2	211	98.6	0.5	27.5
USA, Illinois	4805	98.2	0.9	22.2	2145	97.9	0.7	24.4
USA, Illinois: Asian and Pacific Islander	74	97.3	1.4	33.8	49	100.0	0.0	26.5
USA, Illinois: Black	721	98.5	0.4	32.7	257	98.4	1.2	23.3
USA, Illinois: White	3903	98.1	1.0	20.7	1783	97.8	0.7	25.3
USA, Indiana	2318	98.4	0.8	21.3	1032	98.4	1.0	23.4
USA, Indiana: Black	141	97.9	1.4	27.7	67	100.0	0.0	29.9
USA, Indiana: White	2143	98.5	0.7	21.1	940	98.3	1.1	23.3
USA, Iowa	1298	98.6	0.5	21.1	564	97.3	1.2	29.3
USA, Kentucky	1913	97.5	0.8	22.9	780	97.6	0.8	24.1
USA, Louisiana	1567	98.0	0.8	27.3	604	96.5	0.8	25.2
*USA, Louisiana: Black	418	97.6	0.7		144	96.5	1.4	
*USA, Louisiana: White	1133	98.2	0.7		453	96.5	0.7	
*USA, Louisiana, New Orleans	318	96.9	1.9		103	96.1	1.0	
*USA, Louisiana, New Orleans: Black	105	99.0	1.0		31	96.8	3.2	
*USA, Louisiana, New Orleans: White	206	96.1	1.9		70	95.7	0.0	
USA, Maine	673	97.9	0.3	20.8	261	96.9	0.4	26.1
USA, Massachusetts	2575	98.4	0.6	22.7	1254	96.9	1.1	24.3
USA, Massachusetts: Asian and Pacific Islander	45	100.0	0.0	46.7	46	100.0	0.0	13.0
USA, Massachusetts: Black	104	98.1	1.0	23.1	49	100.0	0.0	16.3
USA, Massachusetts: White	2392	98.4	0.6	22.5	1140	96.6	1.2	25.5
USA, Michigan	3917	97.2	0.6	23.9	1828	97.5	0.7	24.1
USA, Michigan: Asian and Pacific Islander	22	100.0	0.0	18.2	13	100.0	0.0	38.5
USA, Michigan: Black	483	96.5	0.0	32.3	245	97.6	0.8	29.0
USA, Michigan: White	3327	97.3	0.8	23.3	1522	97.4	0.7	23.7
USA, Michigan, Detroit	1649	98.7	0.2	24.1	778	98.3	0.4	22.8
*USA, Michigan, Detroit: Black	358	98.9	0.3		190	98.4	0.5	
*USA, Michigan, Detroit: White	1264	98.7	0.2		571	98.2	0.4	
USA, Mississippi	1318	96.1	2.7	29.0	508	95.7	3.0	25.2
USA, Missouri	2454	97.2	1.2	20.4	973	96.5	2.1	26.7
USA, Missouri: Black	215	97.2	0.9	29.3	90	96.7	1.1	32.2
USA, Missouri: White	2205	97.1	1.2	19.7	870	96.4	2.2	26.2
USA, Montana	390	97.2	2.1	20.3	144	96.5	0.7	24.3
USA, Montana: American Indian	13	92.3	7.7	46.2	8	100.0	0.0	37.5
USA, Nebraska	661	98.9	0.2	18.2	319	98.4	0.6	21.6
USA, Nebraska: Black	18	100.0	0.0	22.2	6	100.0	0.0	50.0
USA, Nebraska: White	623	99.0	0.2	18.3	299	98.7	0.3	22.1
USA, New Hampshire	515	98.1	0.4	23.9	230	97.4	0.4	27.0
USA, New Jersey	3087	98.1	0.5	23.3	1524	98.1	0.7	23.8
*USA, New Jersey: Black	359	96.1	0.8		177	98.3	0.0	
*USA, New Jersey: White	2570	98.3	0.5		1256	98.3	0.6	
USA, New Mexico	652	97.2	1.1	21.9	258	94.6	3.5	22.1
*USA, New Mexico: Hispanic White	157	96.8	0.6		62	98.4	1.6	
*USA, New Mexico: Non−Hispanic White	466	97.2	1.3		181	93.4	4.4	
*USA, New Mexico: White	623	97.1	1.1		243	94.7	3.7	
USA, New York State	6875	98.6	0.3	23.1	3368	97.7	0.5	22.9
USA, New York State: Asian and Pacific Islander	303	98.0	0.7	30.0	146	96.6	0.0	21.9
USA, New York State: Black	917	99.1	0.2	33.6	459	98.5	0.2	22.9
USA, New York State: White	5496	98.6	0.3	21.5	2685	97.5	0.6	23.5
USA, North Carolina	3628	97.9	1.1	22.1	1519	97.2	1.4	26.2
USA, North Carolina: American Indian	20	100.0	0.0	40.0	12	100.0	0.0	33.3
USA, North Carolina: Asian and Pacific Islander	16	100.0	0.0	31.2	8	100.0	0.0	12.5
USA, North Carolina: Black	778	98.2	1.3	31.9	245	98.8	0.8	24.9
USA, North Carolina: White	2775	97.9	1.0	19.5	1239	96.9	1.6	26.8
USA, North Dakota	254	99.6	0.4	20.9	95	98.9	1.1	30.5
USA, Ohio	4175	98.2	0.8	27.0	1909	97.9	0.8	29.0
USA, Ohio: Asian and Pacific Islander	14	100.0	0.0	50.0	10	90.0	0.0	10.0
USA, Ohio: Black	412	95.9	1.7	39.6	178	98.3	0.0	29.2
USA, Ohio: White	3689	98.5	0.7	25.9	1681	97.8	0.9	29.7

*Important. See note on population page.

Oral cavity pharynx (C00-14) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	1535	97.3	1.4	22.5	673	95.7	1.8	24.8
USA, Oklahoma: American Indian	104	93.3	1.9	21.2	49	98.0	2.0	10.2
USA, Oklahoma: Black	72	98.6	0.0	30.6	42	97.6	0.0	23.8
USA, Oklahoma: White	1330	97.6	1.4	22.6	571	95.3	1.9	26.6
USA, Oregon	1460	97.5	0.6	22.4	641	97.7	0.6	25.6
USA, Oregon: Asian and Pacific Islander	20	100.0	0.0	30.0	15	100.0	0.0	13.3
USA, Oregon: Black	15	100.0	0.0	40.0	3	100.0	0.0	33.3
USA, Oregon: White	1370	97.4	0.7	23.0	600	97.7	0.7	26.7
USA, Pennsylvania	5146	98.2	0.9	22.8	2304	97.7	1.0	24.1
USA, Pennsylvania: Asian and Pacific Islander	44	97.7	0.0	31.8	29	100.0	0.0	6.9
USA, Pennsylvania: Black	403	97.8	0.7	32.8	201	97.5	1.0	30.3
USA, Pennsylvania: White	4635	98.2	1.0	22.1	2027	97.6	1.1	24.3
USA, Rhode Island	416	98.6	0.2	19.0	176	97.7	1.1	27.3
USA, Rhode Island: Black	17	100.0	0.0	11.8	8	100.0	0.0	37.5
USA, Rhode Island: White	385	98.4	0.3	19.5	160	98.1	0.6	28.1
USA, South Carolina	1956	97.2	1.0	26.7	747	97.5	0.7	25.8
USA, South Carolina: Black	520	96.3	0.6	43.3	148	98.6	0.7	32.4
USA, South Carolina: White	1423	97.5	1.1	20.9	586	97.3	0.7	24.2
USA, South Dakota	284	98.2	0.0	20.1	124	96.8	0.8	25.0
USA, Tennessee	2465	96.3	2.9	27.9	1021	97.1	2.3	27.2
USA, Tennessee: Black	295	93.2	5.8	51.9	117	96.6	2.6	38.5
USA, Tennessee: White	2141	96.7	2.6	24.9	887	97.1	2.3	26.2
USA, Texas	7533	97.0	0.9	24.5	3044	95.3	2.0	25.0
USA, Texas: Asian and Pacific Islander	60	98.3	0.0	53.3	33	97.0	0.0	33.3
USA, Texas: Black	699	96.6	1.1	38.3	301	96.3	1.7	25.9
USA, Texas: White	6648	97.0	0.9	23.3	2644	95.1	2.1	25.4
USA, Utah	506	99.0	0.2	19.2	227	100.0	0.0	23.8
USA, Vermont	290	99.0	0.0	21.4	108	99.1	0.9	18.5
USA, Virginia	2761	97.9	0.9	21.2	1200	97.3	1.2	22.2
USA, Virginia: Asian and Pacific Islander	51	96.1	2.0	19.6	18	100.0	0.0	11.1
USA, Virginia: Black	506	98.0	0.8	30.4	175	96.0	1.7	29.1
USA, Virginia: White	2165	97.9	0.9	19.4	983	97.5	1.2	21.8
USA, Washington State	2396	98.1	0.6	25.8	1089	98.4	0.4	29.0
USA, Washington, Seattle	1627	98.7	0.1	25.1	754	98.3	0.3	28.5
USA, West Virginia	864	97.5	0.9	23.4	336	96.1	0.6	27.4
USA, Wisconsin	2137	97.8	1.4	22.9	1031	97.5	1.8	23.9
USA, Wisconsin: Black	95	97.9	2.1	31.6	38	100.0	0.0	23.7
USA, Wisconsin: White	1972	97.9	1.4	22.8	963	97.6	2.0	24.0
USA, Wyoming	180	97.8	0.6	20.0	90	96.7	1.1	24.4
Asia								
Bahrain: Bahraini	40	97.5	2.5	72.5	14	100.0	0.0	28.6
China, Beijing City	1080	84.4	0.1	53.5	664	88.0	0.3	38.1
*China, Cixian County	62	100.0	0.0	50.0	36	94.4	0.0	50.0
China, Haining County	135	98.5	0.0	47.4	59	94.9	0.0	39.0
*China, Harbin City, Nangang District	118	81.4	0.0	58.5	52	71.2	0.0	55.8
China, Hong Kong	5020	97.8	0.1	41.0	2012	97.9	0.1	32.1
China, Jiashan County	98	95.9	0.0	72.4	41	97.6	2.4	58.5
China, Jiaxing City	72	90.3	0.0	44.4	37	81.1	5.4	37.8
China, Macao	312	79.2	0.6	43.6	145	77.2	2.1	30.3
China, Qidong County	123	80.5	0.8	67.5	64	76.6	0.0	65.6
*China, Shanghai City	1682	85.9	0.2	53.4	867	82.8	0.2	49.8
*China, Wuhan City	924	96.6		60.8	458	96.5		49.6
*China, Yangcheng County	38	97.4		44.7	23	100.0		78.3
*China, Yanting County	76	94.7	0.0	55.3	59	100.0	0.0	76.3
*China, Zhongshan City	1041	97.1		64.0	388	98.2		60.1
*India, Bangalore	1214	89.5	5.0		735	93.2	2.9	
*India; Barshi, Paranda, and Bhum	103	91.3			30	83.3		
*India, Bhopal	695	95.4	0.3		201	94.0	0.0	
*India, Chennai	2239	86.9	0.9		1055	84.6	1.7	
*India, Dindigul, Ambilikkai	590	87.3	1.0		271	83.4	0.0	
*India, Karunagappally	209	88.5	1.0		84	85.7	0.0	
*India, Mizoram	466	90.6	2.6		137	88.3	2.9	
*India, Mumbai	4881	90.3	3.9		1902	89.7	4.9	
*India, New Delhi	5354	78.7	0.8		1401	78.0	0.4	
*India, Poona	1125	90.8	2.9		569	91.9	3.5	
*India, Sikkim State	144	95.1	2.1		77	94.8	3.9	
*India, Trivandrum	365	91.0	0.0		149	89.9	0.0	
*Iran (Islamic Republic of), Golestan Province	46	76.1	6.5	17.4	39	64.1	5.1	12.8
Israel	869	96.7	1.8	32.8	599	95.3	3.0	23.5
*Israel: Jews	784	96.8	1.7		561	95.5	2.7	
*Israel: Non–Jews	85	95.3	3.5		38	92.1	7.9	
Japan, Aichi Prefecture	346	95.1	3.2	44.8	184	91.8	6.5	40.2
Japan, Fukui Prefecture	183	92.9	2.2	51.4	87	83.9	6.9	62.1
Japan, Hiroshima	472	96.4	3.2	30.7	186	94.1	5.9	31.7
Japan, Miyagi Prefecture	784	90.3	3.2	44.8	264	85.2	8.0	52.3
Japan, Nagasaki Prefecture	706	95.3	2.1	42.2	282	96.1	2.1	42.9
Japan, Niigata Prefecture	786	81.9	12.1	60.9	333	81.1	12.9	64.0
*Japan, Osaka Prefecture	2861	85.1	10.0	53.9	1174	86.4	8.7	48.6
Japan, Saga Prefecture	259	87.3	3.5	62.5	123	80.5	6.5	60.2
Republic of Korea	8210	93.5	1.4	42.5	2923	92.4	2.3	32.5
Republic of Korea, Busan	605	90.9	1.7	45.8	244	90.6	3.3	43.4
Republic of Korea, Daegu	383	96.9	1.0	42.6	137	92.0	2.9	32.8
Republic of Korea, Daejeon	187	95.7	1.1	35.8	73	93.2	2.7	27.4
Republic of Korea, Gwangju	241	92.1	1.2	42.7	79	91.1	1.3	29.1
Republic of Korea, Incheon	355	96.3	0.6	42.3	126	93.7	0.0	33.3
Republic of Korea, Jejudo	95	96.8	0.0	45.3	36	91.7	0.0	13.9
Republic of Korea, Seoul	1583	93.3	1.4	37.7	633	94.6	1.7	28.4
Republic of Korea, Ulsan	130	93.1	0.8	46.2	49	91.8	4.1	34.7

*Important. See note on population page.

Oral cavity pharynx (C00-14) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	132	97.0	0.0	23.5	72	98.6	0.0	29.2
*Kuwait: Kuwaitis	51	96.1	0.0		39	100.0	0.0	
*Kuwait: Non−Kuwaitis	81	97.5	0.0		33	97.0	0.0	
*Malaysia, Penang	332	93.7			144	96.5		
*Malaysia, Penang: Chinese	258	94.2			90	97.8		
*Malaysia, Penang: Indian	31	87.1			27	100.0		
*Malaysia, Penang: Malay	43	95.3			27	88.9		
*Philippines, Manila	1010	73.4	8.9		575	74.4	7.1	
*Philippines, Rizal	958	82.9	7.9		624	81.6	9.9	
Qatar: Qatari	11	63.6	9.1	81.8	8	87.5	12.5	50.0
*Saudi Arabia, Riyadh: Saudi	230	99.1	0.4		138	100.0	0.0	
Singapore	1770	98.8	0.4	46.0	648	99.8	0.2	36.7
Singapore: Chinese	1581	99.1	0.3	44.7	574	99.8	0.2	36.1
Singapore: Indian	70	94.3	2.9	50.0	29	100.0	0.0	24.1
Singapore: Malay	106	98.1	0.0	50.9	41	100.0	0.0	39.0
Thailand, Bangkok	1578	87.6	3.5	35.9	656	87.8	3.8	27.4
Thailand, Chiang Mai	397	92.9	2.5	74.3	220	95.0	3.2	63.2
Thailand, Chonburi	428	90.4	1.6	64.0	221	91.4	2.3	59.3
*Thailand, Khon Kaen	290	94.5	0.0		255	94.9	0.8	
Thailand, Lampang	186	84.9	7.0	28.0	121	83.5	6.6	40.5
*Thailand, Songkhla	425	94.6	1.6		129	93.0	0.8	
*Turkey, Antalya	246	96.3	0.0	41.9	122	95.1	0.0	29.5
*Turkey, Edirne	59	94.9	3.4		20	85.0	0.0	
*Turkey, Izmir	633	96.8	0.8		297	93.9	1.3	
*Turkey, Trabzon	39	87.2	0.0		27	96.3	0.0	
Europe								
Austria	3659	94.6	3.6	47.7	1232	93.3	4.5	42.7
Austria, Tyrol	288	99.3	0.0	42.7	131	99.2	0.0	30.5
Austria, Vorarlberg	137	98.5	0.0	35.8	43	90.7	2.3	44.2
*Belarus	5255	99.6		58.1	848	98.7		44.2
*Belgium	4894	99.7		31.6	1730	99.8		29.4
Bulgaria	3329	92.3	5.0	47.8	918	89.8	7.3	52.0
Croatia	2932	81.3	2.5	55.6	680	69.3	3.5	37.9
Cyprus	108	93.5	6.5	27.8	45	100.0	0.0	11.1
Czech Republic	4672	95.7	0.7	56.4	1538	95.0	1.0	41.5
Denmark	2489	99.0	0.1	41.9	1224	98.4	0.1	39.7
*Estonia	529	96.2		66.7	189	98.4		41.8
Finland	1426	98.5	0.0	32.5	1012	98.5	0.3	28.3
*France, Bas−Rhin	855	99.3		29.7	191	100.0		26.2
*France, Calvados	642	98.0		32.6	142	98.6		27.5
*France, Doubs	392	99.0		34.2	81	97.5		25.9
*France, Haut−Rhin	529	99.8		35.0	129	99.2		34.9
*France, Hérault	732	99.6		30.3	218	99.5		27.5
*France, Isère	749	98.7		33.6	158	98.7		27.8
*France, Loire−Atlantique	1184	99.1		29.1	225	99.6		31.1
*France, Manche	507	99.2		35.9	89	100.0		36.0
*France, Somme	645	99.2		33.3	154	98.1		26.6
*France, Tarn	243	97.1		22.2	92	98.9		23.9
*France, Vendée	548	99.6		33.9	102	99.0		37.3
Germany, Brandenburg	1742	94.8	4.9	45.5	400	91.8	7.8	40.0
Germany, Bremen	480	95.0	3.5	32.1	185	96.2	2.7	29.7
Germany, Free State of Saxony	2604	96.0	3.4	42.3	766	95.6	4.0	37.3
Germany, Hamburg	1089	94.6	2.2	34.8	500	94.0	1.8	33.4
Germany, Mecklenburg−Western Pomerania	1373	95.6	4.0	45.4	319	93.4	6.0	34.5
Germany, Munich	2011	94.1	3.7	42.2	717	92.2	5.3	33.6
Germany, North Rhine−Westphalia	1280	92.6	3.4	39.3	540	91.9	3.3	32.8
Germany, Saarland	734	99.0	1.0	49.2	248	96.4	2.4	42.3
Germany, Schleswig−Holstein	1576	91.0	6.8	34.5	632	90.0	8.2	29.6
Iceland	67	100.0	0.0	31.3	38	100.0	0.0	36.8
Ireland	1047	97.5	0.9	43.6	454	97.1	1.5	42.1
Italy, Biella	134	99.3	0.0	44.0	42	95.2	4.8	52.4
Italy, Brescia	384	90.9	0.5	43.8	150	85.3	3.3	50.7
Italy, Catania and Messina	303	96.7	0.7	41.3	136	99.3	0.0	33.8
Italy, Catanzaro	76	96.1	0.0	40.8	26	96.2	0.0	42.3
Italy, Como	229	98.3	0.0	55.0	99	97.0	1.0	43.4
Italy, Ferrara	221	98.2	0.5	40.7	90	96.7	0.0	43.3
Italy, Florence and Prato	259	93.8	0.0	39.0	144	88.9	0.0	42.4
Italy, Friuli−Venezia Giulia	874	98.7	0.2	47.4	302	96.4	1.3	39.7
Italy, Genoa	324	93.8	0.0	45.7	173	93.1	1.2	39.3
Italy, Latina	165	90.9	2.4	38.8	68	83.8	0.0	33.8
Italy, Lecco	113	92.9	0.0	49.6	72	86.1	0.0	50.0
Italy, Lombardy, South	232	90.9	0.9	53.4	92	87.0	1.1	39.1
Italy, Mantua	88	90.9	0.0	55.7	39	100.0	0.0	51.3
Italy, Milan	470	96.4	0.9	41.5	223	96.4	0.9	40.4
Italy, Modena	193	98.4	0.0	43.0	90	100.0	0.0	48.9
Italy, Naples	82	95.1	0.0	53.7	50	98.0	0.0	36.0
Italy, Nuoro	158	97.5	0.6	51.9	35	91.4	0.0	51.4
Italy, Palermo	280	85.7	3.2	48.9	147	81.0	2.0	33.3
Italy, Parma	171	99.4	0.0	44.4	75	97.3	1.3	41.3
Italy, Ragusa	77	97.4	0.0	39.0	35	94.3	0.0	17.9
Italy, Reggio Emilia	197	92.4	0.0	43.1	80	92.5	0.0	45.0
Italy, Romagna	443	95.5	0.5	41.5	229	94.8	0.9	38.0
Italy, Salerno	240	88.3	0.4	40.0	119	83.2	3.4	37.0
Italy, Sassari	270	94.8	1.1	41.1	61	86.9	4.9	37.7
Italy, Sondrio	96	97.9	0.0	60.4	41	97.6	0.0	31.7
Italy, South Tyrol	226	99.1	0.9	53.1	76	98.7	1.3	43.4

*Important. See note on population page.

Oral cavity pharynx (C00-14) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	100	97.0	0.0	40.0	59	93.2	1.7	44.1
Italy, Trapani	121	94.2	0.8	23.1	37	91.9	0.0	37.8
Italy, Trento	252	97.2	0.0	42.9	63	95.2	1.6	33.3
Italy, Turin	387	98.7	0.3	48.3	183	96.7	0.5	44.8
Italy, Umbria	270	93.0	0.0	55.6	111	91.9	0.0	39.6
Italy, Varese	361	97.0	0.0	52.6	148	95.3	0.7	42.6
Italy, Veneto	1008	97.1	0.5	44.3	408	97.3	0.5	44.1
Latvia	704	88.9	4.8	69.5	184	84.8	8.7	66.8
Lithuania	1569	93.6	2.0	64.4	367	91.8	3.0	44.1
Malta	136	97.1	0.7	36.8	46	100.0	0.0	47.8
*Netherlands	5504	99.7		32.5	3254	99.5		29.9
*Netherlands, Eindhoven	309	99.7		32.4	191	100.0		30.9
Norway	1285	99.4	0.1	34.8	771	99.2	0.1	32.7
Poland, Cracow	160	93.1	2.5	78.8	83	95.2	1.2	48.2
Poland, Kielce	405	96.0	1.2	47.4	107	92.5	2.8	48.6
Poland, Lower Silesia	1006	91.5	0.2	66.8	341	87.1	0.3	61.6
Poland, Podkarpackie	676	90.8	3.0	55.5	218	83.9	5.0	40.8
Portugal, Azores	216	98.6	0.9	37.8	32	96.9	0.0	31.2
Russian Federation, Saint Petersburg	1918	90.6	0.0	76.6	614	91.4	0.0	57.8
*Serbia, Central	1985	82.3	2.9	56.6	783	78.7	5.2	42.9
Slovakia	4025	94.3	4.5	68.6	660	94.1	4.7	47.9
Slovenia	1233	99.3	0.2	46.0	317	98.4	1.3	32.8
Spain, Albacete	280	98.6	1.1	29.6	53	94.3	1.9	54.7
Spain, Asturias	822	98.9	0.6	44.0	222	98.2	0.9	30.2
Spain, Basque Country	1685	98.8	0.5	38.5	439	97.3	1.1	33.5
Spain, Canary Islands	878	98.7	0.3	42.6	170	100.0	0.0	38.8
Spain, Ciudad Real	174	99.4	0.0	40.2	62	98.4	0.0	35.5
Spain, Cuenca	133	98.5	0.8	28.6	27	88.9	7.4	37.0
Spain, Girona	364	95.1	1.4	36.0	100	95.0	3.0	31.0
*Spain, Granada	553	99.6		23.5	128	100.0		18.8
Spain, La Rioja	132	97.0	0.0	38.6	28	89.3	7.1	35.7
Spain, Mallorca	428	98.8	0.2	43.6	124	97.6	1.6	30.9
Spain, Murcia	597	97.5	0.8	32.2	172	94.8	1.7	32.0
Spain, Navarra	306	98.7	0.7	33.7	74	97.3	0.0	33.8
Spain, Tarragona	426	97.4	1.4	36.2	102	99.0	1.0	40.2
*Sweden	2552	99.8		35.6	1655	99.9		33.3
Switzerland, Basel	195	100.0	0.0	39.5	100	99.0	1.0	28.0
Switzerland, Geneva	267	97.8	0.4	38.6	110	98.2	0.9	32.7
Switzerland, Graubünden and Glarus	103	100.0	0.0	32.0	22	95.5	0.0	45.5
Switzerland, Neuchâtel	105	99.0	0.0	52.4	36	97.2	0.0	50.0
Switzerland, St Gall−Appenzell	219	99.1	0.0	42.5	101	97.0	1.0	23.8
Switzerland, Ticino	159	100.0	0.0	52.8	74	100.0	0.0	32.4
Switzerland, Valais	195	98.5	0.5	37.4	53	92.5	1.9	41.5
Switzerland, Vaud	447	99.6	0.4	32.4	157	99.4	0.0	35.7
Switzerland, Zurich	565	98.9	0.2	29.9	254	98.4	1.2	28.3
Ukraine	23905	91.0	0.1	62.3	5525	87.7	0.1	39.9
UK, England	15300	94.6	0.9	33.9	8260	93.7	1.2	33.2
UK, England, East of England Region	1521	96.7	1.2	34.5	865	95.7	1.0	32.5
UK, England, North Western	2409	89.6	0.3	39.1	1169	85.5	0.5	36.2
UK, England, Northern and Yorkshire	2223	97.7	0.2	33.6	1158	96.9	0.3	35.8
UK, England, Oxford Region	767	96.9	0.4	28.2	443	95.5	1.1	30.0
UK, England, South and Western Regions	2089	92.2	1.3	32.8	1203	91.9	1.7	30.8
UK, England, Thames	3219	94.3	1.6	32.4	1780	94.8	2.0	32.5
UK, England, Trent	916	96.4	1.1	33.5	480	95.8	0.6	30.4
UK, England, West Midlands	1610	96.9	1.1	34.0	854	96.7	0.9	34.9
UK, Northern Ireland	522	95.0	0.0	34.5	273	96.7	0.0	30.8
UK, Scotland	2353	98.0	0.2	36.7	1115	98.4	0.4	36.7
UK, Wales	1104	88.4	1.1	35.0	554	86.5	2.0	35.7
Oceania								
Australian Capital Territory	90	97.8	0.0	22.2	45	97.8	2.2	33.3
Australia, New South Wales	3106	96.3	0.5	24.3	1369	94.2	1.2	24.0
Australia, Northern Territory	141	100.0	0.0	28.4	40	97.5	0.0	35.0
Australia, Northern Territory: Indigenous	38	100.0	0.0	47.4	18	94.4	0.0	38.9
Australia, Northern Territory: Non−Indigenous	101	100.0	0.0	21.8	22	100.0	0.0	31.8
Australia, Queensland	2349	96.6	0.3	27.6	892	96.1	0.7	25.9
South Australia	862	98.1	0.0	19.8	334	98.5	0.0	17.7
Australia, Tasmania	281	99.3	0.0	27.0	114	100.0	0.0	25.4
Australia, Victoria	2192	97.5	0.7	22.1	1005	97.0	1.0	24.8
Western Australia	990	99.2	0.2	21.7	414	97.8	0.0	20.3
New Zealand	1058	95.4	0.9	38.6	558	93.4	2.7	34.4
New Zealand: Maori	106	96.2	1.9	47.2	35	100.0	0.0	20.0
New Zealand: Pacific Islander	50	88.0	0.0	48.0	30	90.0	3.3	40.0
New Zealand: Other	902	95.7	0.9	37.0	493	93.1	2.8	35.1
USA, Hawaii	540	98.9	0.4	27.2	254	99.2	0.0	25.2
*USA, Hawaii: Chinese	29	100.0	0.0		19	100.0	0.0	
*USA, Hawaii: Filipino	63	100.0	0.0		40	97.5	0.0	
*USA, Hawaii: Hawaiian	75	100.0	0.0		29	100.0	0.0	
*USA, Hawaii: Japanese	98	99.0	0.0		65	100.0	0.0	
*USA, Hawaii: White	229	98.3	0.9		83	98.8	0.0	

*Important. See note on population page.

Indices of data quality

Oesophagus (C15)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	12	100.0			6	100.0		
Egypt, Gharbiah	110	85.5	10.0	52.7	57	94.7	1.8	56.1
*Libya, Benghazi	18	77.8	11.1	77.8	3	66.7	33.3	33.3
*Malawi, Blantyre	380	11.6			229	11.4		
*South Africa, PROMEC	475	67.4			533	68.7		
*Tunisia, North	36	91.7			24	95.8		
*Uganda, Kyadondo County	157	34.4	0.0		125	31.2	1.6	
*Zimbabwe, Harare: African	182	36.3	8.8		103	35.0	9.7	
America, Central and South								
Argentina, Bahía Blanca	56	78.6	21.4	69.6	25	72.0	28.0	92.0
Argentina, Córdoba	167	79.6	19.8	76.0	96	77.1	22.9	76.0
Argentina, Mendoza	294	81.6	13.6	88.4	132	78.0	19.7	89.4
*Argentina, Tierra del Fuego	16	81.2	12.5	68.8	2	100.0	0.0	100.0
Brazil, Aracaju	21	90.5	0.0	95.2	12	100.0	0.0	91.7
Brazil, Belo Horizonte	251	87.6	11.6	82.5	101	79.2	20.8	74.3
Brazil, Cuiabá	76	82.9	10.5	78.9	23	91.3	0.0	39.1
Brazil, Fortaleza	184	86.4	12.5	79.9	93	82.8	15.1	66.7
Brazil, Goiânia	214	92.1	6.5	66.8	65	87.7	6.2	56.9
*Brazil, São Paulo	2375	78.1	15.1	72.5	693	78.5	12.8	59.5
Chile, Region of Antofagasta	54	66.7	24.1	81.5	38	57.9	21.1	71.1
Chile, Bío Bío Province	103	72.8	3.9	80.6	46	73.9	8.7	100.0
Chile, Valdivia	74	86.5	6.8	83.8	49	87.8	8.2	87.8
Colombia, Bucaramanga	83	85.5	10.8	94.0	34	67.6	17.6	85.3
Colombia, Cali	120	86.7	5.0	74.2	82	79.3	3.7	63.4
Colombia, Manizales	18	77.8	11.1	111.1	30	93.3	3.3	110.0
Colombia, Pasto	23	95.7	4.3	108.7	13	76.9	23.1	84.6
Costa Rica	189	74.1	13.8	97.4	63	52.4	25.4	90.5
Cuba, Villa Clara	117	60.7	6.8	103.4	30	70.0	0.0	113.3
Ecuador, Cuenca	12	66.7	0.0	91.7	6	66.7	16.7	83.3
Ecuador, Quito	71	84.5	12.7	76.1	23	82.6	8.7	52.2
*France, Martinique	65	98.5		95.4	13	100.0		100.0
*Jamaica, Kingston and St Andrew	32	87.5			19	78.9		
USA, Puerto Rico	642	85.0	9.5	82.7	185	84.3	9.7	84.5
Uruguay	596	71.8	14.9	86.6	281	68.3	19.2	90.7
America, North								
Canada	5452	90.4	1.3	99.2	1912	86.8	2.4	96.4
Canada, Alberta	507	96.8	0.0	99.0	151	92.7	0.7	88.1
Canada, British Columbia	775	95.9	0.5	114.6	338	90.5	2.4	96.7
Canada, Manitoba	188	94.7	1.6	112.2	61	90.2	1.6	121.3
Canada, New Brunswick	159	98.1	0.0	103.1	53	94.3	0.0	98.1
Canada, Newfoundland and Labrador	90	96.7	0.0	106.7	15	93.3	6.7	173.3
*Canada, Northwest Territories	3	100.0	0.0	66.7	1	100.0	0.0	0.0
Canada, Nova Scotia	222	95.0	0.0	103.6	69	73.9	1.4	101.4
Canada, Ontario	2076	92.5	1.3	108.9	757	90.0	2.2	99.2
Canada, Prince Edward Island	27	96.3	0.0	92.6	9	100.0	0.0	88.9
*Canada, Quebec	1253	77.3	3.0	92.6	400	75.0	3.5	85.8
Canada, Saskatchewan	147	93.2	1.4	121.1	57	89.5	5.3	119.3
*Canada, Yukon	5	100.0	0.0	80.0	1	100.0	0.0	200.0
USA, NPCR (42 states)	52617	95.1	2.1	88.4	15211	93.6	2.3	85.9
USA, NPCR (42 states): American Indian	212	92.0	2.4	98.6	73	91.8	0.0	87.7
USA, NPCR (42 states): Asian and Pacific Islander	627	96.7	0.6	91.9	215	94.4	1.4	90.2
USA, NPCR (42 states): Black	5614	94.3	2.5	85.6	2337	93.9	2.1	83.3
USA, NPCR (42 states): White	45766	95.2	2.1	89.4	12407	93.5	2.3	87.5
USA, SEER (9 registries)	4990	96.5	1.1	89.1	1567	94.8	2.2	81.5
*USA, SEER (9 registries): Black	453	98.2	0.9		230	95.7	2.6	
*USA, SEER (9 registries): White	4213	96.4	1.1		1247	94.5	2.1	
USA, SEER (18 registries)	13750	96.1	1.1	83.0	4272	94.1	1.8	80.0
*USA, SEER (18 registries): Asian and Pacific Islander	555	96.9	0.7		185	95.1	2.2	
*USA, SEER (18 registries): Black	1500	95.6	1.9		643	94.1	2.0	
*USA, SEER (18 registries): Hispanic White	886	96.0	0.7		234	92.7	1.7	
*USA, SEER (18 registries): Non−Hispanic White	10691	96.3	1.0		3159	94.1	1.7	
*USA, SEER (18 registries): White	11577	96.3	1.0		3393	94.0	1.7	
USA, Alabama	979	97.4	1.1	84.4	246	97.2	1.2	73.6
USA, Alabama: Black	256	97.7	0.8	83.6	71	97.2	1.4	85.9
USA, Alabama: White	717	97.4	1.3	85.2	170	97.1	1.2	70.6
USA, Alaska	107	98.1	0.0	88.8	38	97.4	0.0	52.6
*USA, Alaska: American Indian	14	100.0	0.0	128.6	17	94.1	0.0	52.9
USA, Arizona	1099	88.4	3.9	91.5	264	85.6	3.8	85.6
USA, Arizona: American Indian	24	83.3	8.3	83.3	4	100.0	0.0	75.0
USA, Arizona: Asian and Pacific Islander	7	100.0	0.0	71.4	2	100.0	0.0	0.0
USA, Arizona: Black	18	83.3	16.7	116.7	6	100.0	0.0	133.3
USA, Arizona: White	1046	88.5	3.6	91.8	251	84.9	4.0	85.7
USA, Arkansas	488	94.9	2.7	96.5	146	97.3	2.1	85.6
USA, Arkansas: Black	80	90.0	5.0	81.2	31	100.0	0.0	93.5
USA, Arkansas: White	407	95.8	2.2	99.0	115	96.5	2.6	82.6
USA, California	4834	96.4	0.5	91.6	1569	93.3	1.5	90.6
USA, California: American Indian	19	89.5	0.0	100.0	4	100.0	0.0	175.0
USA, California: Asian and Pacific Islander	298	97.3	0.7	90.9	105	94.3	1.9	90.5
USA, California: Black	264	95.1	0.8	92.0	132	94.7	1.5	87.9
USA, California: White	4196	96.4	0.5	92.9	1305	93.0	1.5	92.3
USA, California, Los Angeles County	1058	96.6	0.8	90.8	381	95.3	1.3	90.0
*USA, California, Los Angeles County: Asian and Pacific Islander	106	98.1	0.0		31	96.8	0.0	
*USA, California, Los Angeles County: Black	116	93.1	0.9		56	98.2	0.0	
*USA, California, Los Angeles County: Chinese	35	97.1	0.0		10	90.0	0.0	
*USA, California, Los Angeles County: Filipino	13	100.0	0.0		6	100.0	0.0	
*USA, California, Los Angeles County: Hispanic White	204	97.1	1.0		53	88.7	3.8	

*Important. See note on population page.

Oesophagus (C15) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	33	97.0	0.0		9	100.0	0.0	
*USA, California, Los Angeles County: Korean	18	100.0	0.0		2	100.0	0.0	
*USA, California, Los Angeles County: Non−Hispanic White	620	96.8	0.8		240	95.8	1.2	
*USA, California, Los Angeles County: White	824	96.8	0.8		293	94.5	1.7	
USA, California, San Francisco Bay Area	610	97.5	0.3	92.1	213	93.9	4.2	81.2
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	79	98.7	0.0		26	96.2	3.8	
*USA, California, San Francisco Bay Area: Black	53	98.1	0.0		31	96.8	3.2	
*USA, California, San Francisco Bay Area: Hispanic White	57	94.7	0.0		19	94.7	5.3	
*USA, California, San Francisco Bay Area: Non−Hispanic White	412	97.6	0.5		137	92.7	4.4	
*USA, California, San Francisco Bay Area: White	469	97.2	0.4		156	92.9	4.5	
USA, Colorado	751	94.4	2.3	90.5	166	92.8	3.6	92.2
USA, Colorado: Asian and Pacific Islander	7	71.4	14.3	100.0	5	80.0	0.0	40.0
USA, Colorado: Black	27	88.9	7.4	100.0	7	100.0	0.0	100.0
USA, Colorado: White	709	94.8	2.0	90.7	151	92.7	4.0	94.7
USA, Connecticut	818	97.6	0.9	83.5	269	98.1	0.7	74.0
*USA, Connecticut: Black	63	100.0	0.0		21	100.0	0.0	
*USA, Connecticut: White	748	97.5	0.8		246	98.0	0.8	
USA, Delaware	194	93.8	4.1	92.3	58	91.4	6.9	74.1
USA, Delaware: Black	27	81.5	14.8	88.9	10	90.0	10.0	70.0
USA, Delaware: White	163	95.7	2.5	95.1	47	91.5	6.4	76.6
USA, Florida	4216	93.8	4.4	86.5	1218	95.2	3.0	83.5
USA, Florida: Asian and Pacific Islander	19	100.0	0.0	78.9	2	100.0	0.0	300.0
USA, Florida: Black	354	93.8	4.8	86.2	163	93.9	2.5	88.3
USA, Florida: White	3795	93.8	4.5	87.6	1041	95.3	3.2	83.1
USA, Georgia	1527	95.3	2.4	84.3	476	93.7	2.1	83.0
USA, Georgia: Asian and Pacific Islander	5	100.0	0.0	180.0	4	100.0	0.0	125.0
USA, Georgia: Black	481	95.8	2.3	82.3	194	94.8	1.0	76.8
USA, Georgia: White	1034	95.1	2.5	85.4	273	92.7	2.9	88.3
USA, Georgia, Atlanta	398	97.0	2.0	81.9	155	94.2	1.9	77.4
*USA, Georgia, Atlanta: Black	129	97.7	1.6		69	97.1	1.4	
*USA, Georgia, Atlanta: White	259	96.9	2.3		83	91.6	2.4	
USA, Idaho	279	95.0	2.9	90.3	58	98.3	1.7	89.7
USA, Illinois	2646	96.0	2.0	85.6	781	94.2	2.3	83.2
USA, Illinois: Asian and Pacific Islander	17	100.0	0.0	94.1	10	90.0	10.0	60.0
USA, Illinois: Black	349	93.7	3.7	86.5	158	93.7	3.8	81.0
USA, Illinois: White	2267	96.3	1.8	85.9	603	94.5	1.7	85.4
USA, Indiana	1356	96.4	2.1	89.9	368	95.7	2.2	84.8
USA, Indiana: Black	85	92.9	3.5	92.9	45	88.9	6.7	68.9
USA, Indiana: White	1262	96.6	2.1	90.3	320	96.9	1.6	87.5
USA, Iowa	752	97.3	0.7	86.2	189	92.1	4.8	89.9
USA, Kentucky	938	95.1	1.4	85.5	234	95.3	0.4	84.6
USA, Louisiana	699	95.9	1.3	88.6	207	91.3	4.3	75.4
*USA, Louisiana: Black	204	94.6	1.5		74	87.8	6.8	
*USA, Louisiana: White	490	96.5	1.2		133	93.2	3.0	
*USA, Louisiana, New Orleans	143	93.0	4.2		48	93.8	2.1	
*USA, Louisiana, New Orleans: Black	49	91.8	4.1		22	86.4	4.5	
*USA, Louisiana, New Orleans: White	92	93.5	4.3		26	100.0	0.0	
USA, Maine	441	95.7	1.8	92.3	108	94.4	1.9	80.6
USA, Massachusetts	1773	96.8	1.4	84.2	498	94.4	0.8	86.1
USA, Massachusetts: Asian and Pacific Islander	21	90.5	0.0	90.5	6	100.0	0.0	83.3
USA, Massachusetts: Black	68	98.5	1.5	82.4	29	96.6	0.0	89.7
USA, Massachusetts: White	1676	96.8	1.4	84.5	459	94.1	0.9	86.7
USA, Michigan	2310	92.7	1.5	88.3	690	91.0	2.8	83.2
USA, Michigan: Asian and Pacific Islander	7	100.0	0.0	85.7	0	0.0	0.0	2.0
USA, Michigan: Black	240	90.8	1.2	85.0	109	89.0	0.0	70.6
USA, Michigan: White	2042	92.9	1.5	88.9	565	91.7	3.4	87.1
USA, Michigan, Detroit	831	96.8	1.6	93.0	291	94.2	1.7	75.9
*USA, Michigan, Detroit: Black	175	98.3	1.1		88	92.0	4.5	
*USA, Michigan, Detroit: White	646	96.6	1.5		199	95.0	0.5	
USA, Mississippi	616	96.4	1.6	86.5	134	94.0	3.7	88.8
USA, Missouri	1318	93.8	2.0	83.6	349	90.8	2.3	87.1
USA, Missouri: Black	135	94.1	2.2	88.9	54	92.6	1.9	75.9
USA, Missouri: White	1173	93.8	1.9	83.5	292	90.4	2.4	89.4
USA, Montana	193	95.9	2.6	101.6	58	89.7	6.9	106.9
USA, Montana: American Indian	5	100.0	0.0	100.0	1	100.0	0.0	300.0
USA, Nebraska	355	95.5	1.4	93.5	83	96.4	1.2	91.6
USA, Nebraska: Black	4	100.0	0.0	75.0	6	100.0	0.0	66.7
USA, Nebraska: White	343	95.3	1.5	94.5	76	96.1	1.3	93.4
USA, New Hampshire	389	96.4	1.8	82.5	105	92.4	1.0	87.6
USA, New Jersey	1759	96.5	1.4	84.3	569	95.4	1.4	85.6
*USA, New Jersey: Black	223	94.6	3.6		90	94.4	0.0	
*USA, New Jersey: White	1494	97.0	0.9		463	95.7	1.5	
USA, New Mexico	304	89.8	3.3	99.7	79	87.3	6.3	97.5
*USA, New Mexico: Hispanic White	79	84.8	5.1		16	100.0	0.0	
*USA, New Mexico: Non−Hispanic White	210	92.4	2.4		59	84.7	6.8	
*USA, New Mexico: White	289	90.3	3.1		75	88.0	5.3	
USA, New York State	3879	97.4	0.7	86.0	1410	95.7	1.0	84.8
USA, New York State: Asian and Pacific Islander	80	95.0	0.0	92.5	25	92.0	0.0	84.0
USA, New York State: Black	512	96.7	0.8	74.0	271	97.4	0.4	81.2
USA, New York State: White	3262	97.5	0.8	88.3	1093	95.4	1.2	87.0
USA, North Carolina	1689	96.3	1.9	84.3	486	94.4	3.1	83.7
USA, North Carolina: American Indian	7	100.0	0.0	85.7	4	100.0	0.0	75.0
USA, North Carolina: Asian and Pacific Islander	2	100.0	0.0	100.0	1	100.0	0.0	100.0
USA, North Carolina: Black	362	96.1	2.2	77.3	123	91.1	4.9	91.9
USA, North Carolina: White	1311	96.3	1.8	86.7	356	95.5	2.5	81.5
USA, North Dakota	130	93.8	3.1	88.5	37	94.6	2.7	91.9
USA, Ohio	2745	96.5	1.5	93.3	741	96.9	1.2	92.4
USA, Ohio: Asian and Pacific Islander	3	100.0	0.0	233.3	5	100.0	0.0	80.0
USA, Ohio: Black	202	96.5	2.0	98.0	114	100.0	0.0	79.8
USA, Ohio: White	2512	96.5	1.5	93.8	608	96.4	1.5	96.9

*Important. See note on population page.

Oesophagus (C15) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	719	94.2	3.3	92.9	175	93.7	1.7	84.0
USA, Oklahoma: American Indian	45	93.3	2.2	91.1	6	66.7	0.0	100.0
USA, Oklahoma: Black	44	93.2	4.5	86.4	17	94.1	0.0	94.1
USA, Oklahoma: White	624	94.2	3.4	93.9	152	94.7	2.0	81.6
USA, Oregon	851	93.1	2.9	91.9	235	93.6	0.0	90.6
USA, Oregon: Asian and Pacific Islander	8	100.0	0.0	125.0	3	100.0	0.0	100.0
USA, Oregon: Black	9	88.9	0.0	55.6	2	100.0	0.0	50.0
USA, Oregon: White	817	92.9	3.1	93.4	222	93.2	0.0	91.9
USA, Pennsylvania	3206	95.8	1.9	92.8	932	93.8	1.5	90.8
USA, Pennsylvania: Asian and Pacific Islander	14	100.0	0.0	57.1	3	100.0	0.0	100.0
USA, Pennsylvania: Black	213	92.0	3.3	96.7	119	94.1	1.7	90.8
USA, Pennsylvania: White	2958	96.0	1.8	93.3	799	93.9	1.5	92.0
USA, Rhode Island	296	95.9	1.0	84.1	94	95.7	1.1	87.2
USA, Rhode Island: Black	5	100.0	0.0	80.0	4	100.0	0.0	50.0
USA, Rhode Island: White	286	96.2	1.0	84.3	88	95.5	1.1	89.8
USA, South Carolina	983	94.0	2.0	84.6	272	91.2	2.9	83.8
USA, South Carolina: Black	366	95.1	1.4	78.4	101	94.1	1.0	89.1
USA, South Carolina: White	614	93.3	2.4	88.4	168	89.9	4.2	81.0
USA, South Dakota	177	93.8	1.7	94.4	47	95.7	0.0	87.2
USA, Tennessee	1164	92.4	6.1	89.6	308	93.8	3.9	89.0
USA, Tennessee: Black	167	91.0	8.4	91.0	75	94.7	2.7	108.0
USA, Tennessee: White	988	92.5	5.8	89.5	230	93.5	4.3	83.5
USA, Texas	3445	94.4	2.4	84.8	865	89.1	5.2	85.2
USA, Texas: Asian and Pacific Islander	27	100.0	0.0	125.9	4	100.0	0.0	175.0
USA, Texas: Black	354	92.7	2.5	86.2	128	86.7	6.2	85.2
USA, Texas: White	3025	94.5	2.4	85.1	716	89.4	5.0	86.6
USA, Utah	264	97.7	0.4	95.5	48	93.8	0.0	102.1
USA, Vermont	138	94.9	2.2	89.1	54	92.6	3.7	72.2
USA, Virginia	1430	95.4	3.2	90.0	427	91.8	4.9	82.9
USA, Virginia: Asian and Pacific Islander	20	95.0	5.0	95.0	3	100.0	0.0	133.3
USA, Virginia: Black	257	95.3	2.7	95.3	107	92.5	4.7	84.1
USA, Virginia: White	1143	95.5	3.1	89.4	306	91.5	5.2	85.0
USA, Washington State	1182	93.6	1.7	94.8	373	93.6	1.6	86.6
USA, Washington, Seattle	790	95.2	0.9	93.0	278	96.8	0.4	80.9
USA, West Virginia	483	94.6	1.2	84.7	128	93.0	3.1	87.5
USA, Wisconsin	1345	92.9	5.4	89.2	381	93.4	3.1	85.8
USA, Wisconsin: Black	57	96.5	3.5	103.5	22	100.0	0.0	50.0
USA, Wisconsin: White	1244	92.8	5.6	91.0	346	93.6	3.5	90.5
USA, Wyoming	116	100.0	0.0	99.1	22	90.9	0.0	122.7
Asia								
Bahrain: Bahraini	22	86.4	9.1	63.6	10	100.0	0.0	80.0
China, Beijing City	2444	68.9	0.7	81.9	822	59.9	1.0	81.9
*China, Cixian County	2182	85.7	2.7	76.4	1387	80.0	4.0	66.1
China, Haining County	278	98.6	1.4	85.6	107	95.3	3.7	80.4
*China, Harbin City, Nangang District	224	71.9	2.2	83.0	43	72.1	0.0	72.1
China, Hong Kong	1780	96.3	0.6	78.7	493	96.3	0.2	74.6
China, Jiashan County	261	95.8	1.1	87.7	57	94.7	0.0	86.0
China, Jiaxing City	149	81.9	2.7	89.9	38	65.8	2.6	81.6
China, Macao	93	77.4	1.1	65.6	15	86.7	0.0	60.0
China, Qidong County	468	65.4	1.3	90.2	219	56.6	1.8	94.5
*China, Shanghai City	2017	67.3	0.6	88.9	791	60.9	0.5	86.3
*China, Wuhan City	1528	86.5		75.7	536	84.9		79.3
*China, Yangcheng County	1231	97.4		70.8	763	97.4		75.1
*China, Yanting County	1591	90.8	0.7	81.3	1146	86.8	0.4	73.7
*China, Zhongshan City	578	90.7		83.4	66	86.4		59.1
*India, Bangalore	541	87.4	7.9		446	86.5	8.5	
*India; Barshi, Paranda, and Bhum	49	77.6			34	73.5		
*India, Bhopal	126	90.5	0.0		113	93.8	0.0	
*India, Chennai	782	79.4	2.4		462	82.3	2.8	
*India, Dindigul, Ambilikkai	181	79.0	1.1		88	77.3	3.4	
*India, Karunagappally	69	79.7	1.4		39	76.9	2.6	
*India, Mizoram	347	87.6	1.7		58	89.7	0.0	
*India, Mumbai	1217	75.9	11.2		810	75.3	13.6	
*India, New Delhi	1175	73.5	1.6		650	71.2	1.4	
*India, Poona	367	79.6	13.6		285	76.5	17.2	
*India, Sikkim State	88	96.6	2.3		66	93.9	0.0	
*India, Trivandrum	76	90.8	0.0		22	77.3	0.0	
*Iran (Islamic Republic of), Golestan Province	370	74.9	14.1	51.6	285	71.2	14.4	48.8
Israel	357	95.8	2.5	102.5	243	88.5	6.6	88.5
*Israel: Jews	334	96.4	2.4		229	88.6	6.1	
*Israel: Non–Jews	23	87.0	4.3		14	85.7	14.3	
Japan, Aichi Prefecture	473	90.9	7.2	65.8	55	80.0	18.2	76.4
Japan, Fukui Prefecture	347	89.9	4.0	60.5	86	86.0	2.3	52.3
Japan, Hiroshima	752	95.7	3.9	48.1	164	93.9	6.1	50.6
Japan, Miyagi Prefecture	1829	89.2	4.0	57.0	351	79.8	11.7	53.8
Japan, Nagasaki Prefecture	803	90.9	3.5	62.1	137	81.8	12.4	55.5
Japan, Niigata Prefecture	2156	84.7	10.8	63.1	334	79.3	13.8	63.5
*Japan, Osaka Prefecture	4963	80.6	12.6	70.4	1006	76.3	15.8	70.8
Japan, Saga Prefecture	433	82.0	8.3	64.9	76	77.6	10.5	57.9
Republic of Korea	9203	91.6	2.6	73.6	884	75.8	9.4	74.0
Republic of Korea, Busan	700	89.1	3.7	76.9	78	73.1	11.5	71.8
Republic of Korea, Daegu	449	93.3	3.6	74.8	47	91.5	0.0	57.4
Republic of Korea, Daejeon	201	92.0	3.0	71.6	29	75.9	6.9	79.3
Republic of Korea, Gwangju	236	89.4	0.4	74.2	28	85.7	3.6	53.6
Republic of Korea, Incheon	304	94.7	1.0	67.8	33	81.8	0.0	87.9
Republic of Korea, Jejudo	92	94.6	0.0	65.2	7	85.7	0.0	114.3
Republic of Korea, Seoul	1321	92.0	2.7	69.0	133	86.5	7.5	62.4
Republic of Korea, Ulsan	141	93.6	2.1	66.0	16	75.0	18.8	68.8

*Important. See note on population page.

Oesophagus (C15) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	26	88.5	3.8	76.9	15	100.0	0.0	106.7
*Kuwait: Kuwaitis	12	91.7	0.0		9	100.0	0.0	
*Kuwait: Non−Kuwaitis	14	85.7	7.1		6	100.0	0.0	
*Malaysia, Penang	57	93.0			30	100.0		
*Malaysia, Penang: Chinese	36	91.7			13	100.0		
*Malaysia, Penang: Indian	9	100.0			9	100.0		
*Malaysia, Penang: Malay	12	91.7			8	100.0		
*Philippines, Manila	193	66.3	5.2		83	53.0	4.8	
*Philippines, Rizal	185	71.9	8.6		68	69.1	7.4	
Qatar: Qatari	8	100.0	0.0	100.0	11	81.8	9.1	63.6
*Saudi Arabia, Riyadh: Saudi	69	94.2	4.3		50	98.0	0.0	
Singapore	335	96.4	0.9	97.9	83	89.2	2.4	95.2
Singapore: Chinese	306	96.1	1.0	95.1	74	87.8	2.7	89.2
Singapore: Indian	16	100.0	0.0	100.0	7	100.0	0.0	100.0
Singapore: Malay	11	100.0	0.0	109.1	2	100.0	0.0	200.0
Thailand, Bangkok	607	86.0	6.3	70.7	102	81.4	2.0	67.6
Thailand, Chiang Mai	64	75.0	4.7	81.2	22	63.6	9.1	113.6
Thailand, Chonburi	144	78.5	2.1	81.2	32	65.6	3.1	90.6
*Thailand, Khon Kaen	37	83.8	0.0		13	53.8	7.7	
Thailand, Lampang	41	80.5	2.4	53.7	16	68.8	6.2	37.5
*Thailand, Songkhla	219	83.1	2.3		43	93.0	2.3	
*Turkey, Antalya	55	89.1	0.0	83.6	39	94.9	5.1	53.8
*Turkey, Edirne	14	78.6	0.0		4	50.0	0.0	
*Turkey, Izmir	244	90.2	2.0		165	88.5	4.2	
*Turkey, Trabzon	22	100.0	0.0		13	84.6	7.7	
Europe								
Austria	1541	89.1	8.2	79.2	371	83.0	11.9	78.4
Austria, Tyrol	99	99.0	0.0	79.8	27	96.3	0.0	77.8
Austria, Vorarlberg	68	98.5	0.0	76.5	17	88.2	11.8	52.9
*Belarus	1909	96.4		80.1	212	94.8		77.8
*Belgium	2684	99.4		70.8	937	99.6		74.1
Bulgaria	767	61.8	18.9	92.8	204	48.5	28.9	96.6
Croatia	923	77.4	6.0	95.6	192	57.8	13.0	88.5
Cyprus	34	73.5	26.5	110.3	11	90.9	9.1	68.2
Czech Republic	2035	89.5	1.3	90.3	417	79.9	2.2	85.9
Denmark	1403	96.4	0.2	101.1	606	95.2	0.0	95.3
*Estonia	226	89.8		99.6	54	90.7		81.5
Finland	773	94.8	0.8	85.3	402	90.0	1.7	91.3
*France, Bas−Rhin	336	99.1		78.0	71	98.6		66.2
*France, Calvados	280	96.4		86.4	54	94.4		66.7
*France, Doubs	135	99.3		74.8	26	96.2		61.5
*France, Haut−Rhin	211	99.1		87.2	36	100.0		105.6
*France, Hérault	241	95.0		80.1	77	97.4		80.5
*France, Isère	261	97.3		80.8	63	93.7		68.3
*France, Loire−Atlantique	488	96.9		78.9	96	100.0		77.1
*France, Manche	264	97.7		83.0	33	97.0		90.9
*France, Somme	290	96.9		79.0	47	93.6		87.2
*France, Tarn	100	98.0		73.0	29	96.6		75.9
*France, Vendée	217	98.6		86.6	38	94.7		102.6
Germany, Brandenburg	813	89.4	9.7	79.0	191	79.1	17.8	76.4
Germany, Bremen	225	94.2	4.0	69.8	91	89.0	7.7	72.5
Germany, Free State of Saxony	1256	86.9	12.1	76.3	249	82.7	15.3	82.3
Germany, Hamburg	593	90.2	6.7	69.0	216	89.4	6.9	73.1
Germany, Mecklenburg−Western Pomerania	634	89.9	9.0	78.5	103	88.3	11.7	79.6
Germany, Munich	950	90.9	6.1	74.9	231	88.7	9.5	72.7
Germany, North Rhine−Westphalia	717	90.4	5.0	90.1	239	87.0	7.9	90.4
Germany, Saarland	309	96.8	2.6	86.4	93	94.6	5.4	97.8
Germany, Schleswig−Holstein	839	87.1	10.7	81.4	280	79.3	17.1	81.4
Iceland	56	96.4	0.0	83.9	24	95.8	0.0	75.0
Ireland	1125	94.6	1.0	88.1	646	92.3	1.2	91.0
Italy, Biella	40	90.0	2.5	90.0	11	90.9	0.0	109.1
Italy, Brescia	172	85.5	3.5	93.6	50	80.0	8.0	84.0
Italy, Catania and Messina	61	86.9	4.9	90.2	27	77.8	3.7	88.9
Italy, Catanzaro	20	80.0	0.0	60.0	5	60.0	0.0	60.0
Italy, Como	85	91.8	0.0	101.2	35	85.7	0.0	100.0
Italy, Ferrara	58	91.4	0.0	110.3	25	80.0	4.0	112.0
Italy, Florence and Prato	73	79.5	0.0	109.6	44	81.8	0.0	93.2
Italy, Friuli−Venezia Giulia	376	94.4	0.0	86.4	137	84.7	2.9	101.5
Italy, Genoa	142	93.7	0.0	88.0	50	88.0	2.0	108.0
Italy, Latina	44	77.3	4.5	102.3	20	40.0	5.0	75.0
Italy, Lecco	46	82.6	0.0	108.7	15	80.0	0.0	93.3
Italy, Lombardy, South	100	67.0	3.0	79.0	23	60.9	0.0	108.7
Italy, Mantua	42	88.1	0.0	88.1	14	100.0	0.0	107.1
Italy, Milan	156	90.4	1.9	91.7	65	84.6	7.7	98.5
Italy, Modena	55	96.4	0.0	116.4	31	96.8	0.0	90.3
Italy, Naples	32	90.6	0.0	93.8	18	72.2	5.6	100.0
Italy, Nuoro	51	88.2	0.0	80.4	8	100.0	0.0	75.0
Italy, Palermo	58	79.3	1.7	108.6	28	57.1	3.6	103.6
Italy, Parma	73	93.2	0.0	93.2	25	76.0	0.0	76.0
Italy, Ragusa	13	92.3	0.0	76.9	1	0.0	0.0	125.0
Italy, Reggio Emilia	67	89.6	0.0	95.5	24	75.0	0.0	79.2
Italy, Romagna	108	89.8	0.9	99.1	50	80.0	4.0	82.0
Italy, Salerno	84	77.4	6.0	90.5	24	66.7	16.7	79.2
Italy, Sassari	87	95.4	3.4	83.9	20	60.0	10.0	95.0
Italy, Sondrio	47	95.7	0.0	83.0	14	71.4	0.0	71.4
Italy, South Tyrol	99	97.0	0.0	80.8	17	88.2	5.9	105.9

*Important. See note on population page.

Indices of data quality

Oesophagus (C15) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	26	84.6	3.8	92.3	11	63.6	18.2	90.9
Italy, Trapani	28	75.0	3.6	85.7	12	75.0	0.0	125.0
Italy, Trento	124	96.0	0.8	95.2	23	78.3	4.3	95.7
Italy, Turin	137	90.5	0.7	94.2	54	90.7	0.0	75.9
Italy, Umbria	88	94.3	0.0	100.0	25	84.0	0.0	92.0
Italy, Varese	150	92.0	0.0	98.0	35	91.4	0.0	108.6
Italy, Veneto	505	90.9	0.0	90.5	152	77.0	1.3	86.8
Latvia	397	76.8	10.1	85.6	87	65.5	11.5	75.9
Lithuania	761	79.1	7.1	93.3	129	68.2	13.2	82.9
Malta	50	92.0	6.0	74.0	19	84.2	10.5	100.0
*Netherlands	5663	98.5		89.9	2178	97.9		90.3
*Netherlands, Eindhoven	326	100.0		82.2	109	99.1		73.4
Norway	696	96.0	0.9	94.7	268	94.8	1.1	92.2
Poland, Cracow	73	87.7	6.8	104.1	34	85.3	5.9	79.4
Poland, Kielce	160	87.5	6.2	113.8	32	78.1	6.2	118.8
Poland, Lower Silesia	439	72.7	0.5	106.6	115	62.6	0.9	100.0
Poland, Podkarpackie	220	79.1	5.9	100.9	48	60.4	14.6	114.6
Portugal, Azores	45	88.9	2.2	107.4	2	100.0	0.0	250.0
Russian Federation, Saint Petersburg	1106	71.5	0.0	105.5	428	59.3	0.0	97.4
*Serbia, Central	700	74.4	6.0	96.9	197	71.1	8.6	82.2
Slovakia	1254	86.7	9.5	89.2	151	78.1	14.6	88.7
Slovenia	378	92.1	1.3	96.3	80	88.8	6.2	92.5
Spain, Albacete	60	93.3	3.3	86.7	6	100.0	0.0	83.3
Spain, Asturias	347	95.7	2.3	92.2	44	90.9	4.5	104.5
Spain, Basque Country	685	95.2	1.3	88.5	111	85.6	6.3	87.4
Spain, Canary Islands	283	91.9	1.1	88.0	49	91.8	2.0	85.7
Spain, Ciudad Real	59	91.5	5.1	91.5	12	83.3	0.0	66.7
Spain, Cuenca	42	81.0	11.9	64.3	4	100.0	0.0	175.0
Spain, Girona	141	90.8	3.5	87.2	30	93.3	3.3	56.7
*Spain, Granada	117	91.5		88.9	24	87.5		83.3
Spain, La Rioja	64	93.8	1.6	98.4	10	90.0	0.0	60.0
Spain, Mallorca	139	98.6	0.0	109.1	26	92.3	7.7	64.1
Spain, Murcia	179	95.5	0.6	74.9	25	84.0	12.0	80.0
Spain, Navarra	136	95.6	0.7	92.6	15	86.7	0.0	66.7
Spain, Tarragona	121	94.2	4.1	90.1	19	94.7	5.3	68.4
*Sweden	1486	99.7		97.8	535	99.6		103.7
Switzerland, Basel	117	96.6	3.4	85.5	40	97.5	2.5	67.5
Switzerland, Geneva	121	95.0	0.8	73.6	45	97.8	0.0	66.7
Switzerland, Graubünden and Glarus	54	96.3	0.0	83.3	15	93.3	0.0	100.0
Switzerland, Neuchâtel	49	95.9	2.0	98.0	12	100.0	0.0	100.0
Switzerland, St Gall−Appenzell	139	97.8	0.0	79.1	25	100.0	0.0	100.0
Switzerland, Ticino	86	98.8	0.0	70.9	30	93.3	3.3	66.7
Switzerland, Valais	85	94.1	0.0	78.8	19	94.7	0.0	89.5
Switzerland, Vaud	208	97.1	1.0	73.6	87	92.0	1.1	65.5
Switzerland, Zurich	250	96.4	1.6	86.0	106	98.1	0.9	82.1
Ukraine	8078	70.3	0.4	85.5	1256	55.0	0.7	71.9
UK, England	20672	91.5	1.6	94.7	11338	87.9	2.4	91.7
UK, England, East of England Region	2027	91.2	1.8	104.4	1163	88.5	2.2	90.6
UK, England, North Western	3134	88.3	0.6	95.8	1742	85.1	0.7	90.0
UK, England, Northern and Yorkshire	2787	94.4	0.6	95.3	1592	91.0	1.1	93.3
UK, England, Oxford Region	1075	94.0	0.5	87.2	541	90.4	1.7	88.4
UK, England, South and Western Regions	3165	92.3	1.4	94.7	1748	88.8	2.0	92.4
UK, England, Thames	4066	89.4	2.7	87.2	2091	85.0	3.9	91.1
UK, England, Trent	1334	93.3	1.6	91.8	748	89.6	1.7	86.5
UK, England, West Midlands	2291	92.8	3.4	100.6	1275	88.6	5.0	95.5
UK, Northern Ireland	562	89.9	0.5	91.8	287	88.5	0.7	90.6
UK, Scotland	2621	94.6	0.3	94.7	1554	92.0	0.6	92.9
UK, Wales	1388	88.2	1.9	97.2	791	83.6	2.8	93.4
Oceania								
Australian Capital Territory	39	89.7	0.0	102.6	17	88.2	5.9	123.5
Australia, New South Wales	1334	93.0	0.7	95.4	649	88.8	3.4	89.4
Australia, Northern Territory	40	90.0	0.0	85.0	10	100.0	0.0	60.0
Australia, Northern Territory: Indigenous	9	77.8	0.0	88.9	1	100.0	0.0	200.0
Australia, Northern Territory: Non−Indigenous	31	93.5	0.0	80.6	9	100.0	0.0	44.4
Australia, Queensland	774	92.4	1.0	77.4	349	92.3	1.4	73.4
South Australia	357	94.4	0.0	92.7	150	90.7	0.0	84.7
Australia, Tasmania	121	97.5	0.0	89.3	52	100.0	0.0	92.3
Australia, Victoria	1023	92.6	1.4	91.9	548	87.4	2.7	85.2
Western Australia	439	97.7	0.0	89.7	155	96.1	0.0	85.8
New Zealand	847	89.6	3.2	80.8	434	88.0	3.0	86.2
New Zealand: Maori	71	91.5	1.4	81.7	24	95.8	0.0	79.2
New Zealand: Pacific Islander	23	95.7	0.0	60.9	4	100.0	0.0	50.0
New Zealand: Other	753	89.2	3.5	81.4	406	87.4	3.2	86.9
USA, Hawaii	223	97.3	0.9	74.0	45	97.8	2.2	95.6
*USA, Hawaii: Chinese	16	100.0	0.0		2	100.0	0.0	
*USA, Hawaii: Filipino	18	94.4	0.0		1	100.0	0.0	
*USA, Hawaii: Hawaiian	40	97.5	2.5		10	90.0	10.0	
*USA, Hawaii: Japanese	73	95.9	1.4		13	100.0	0.0	
*USA, Hawaii: White	67	100.0	0.0		14	100.0	0.0	

*Important. See note on population page.

Indices of data quality

Stomach (C16)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	141	97.9			84	94.0		
Egypt, Gharbiah	216	83.8	13.9	51.4	158	74.7	20.9	62.7
*Libya, Benghazi	62	77.4	16.1	64.5	37	75.7	5.4	56.8
*Malawi, Blantyre	21	38.1			22	45.5		
*South Africa, PROMEC	13	38.5			15	46.7		
*Tunisia, North	407	97.1			227	95.6		
*Uganda, Kyadondo County	84	42.9	1.2		78	34.6	0.0	
*Zimbabwe, Harare: African	106	68.9	15.1		96	55.2	13.5	
America, Central and South								
Argentina, Bahía Blanca	134	88.1	9.7	71.6	82	74.4	25.6	80.5
Argentina, Córdoba	288	79.2	18.1	78.1	162	68.5	30.2	82.1
Argentina, Mendoza	582	78.9	17.9	82.0	290	72.4	23.4	80.3
*Argentina, Tierra del Fuego	25	92.0	4.0	68.0	10	90.0	10.0	60.0
Brazil, Aracaju	81	88.9	8.6	64.2	61	83.6	9.8	54.1
Brazil, Belo Horizonte	486	81.7	17.3	60.9	338	84.0	15.7	60.7
Brazil, Cuiabá	176	79.0	15.9	63.1	98	85.7	12.2	60.2
Brazil, Fortaleza	500	80.4	15.8	82.0	342	78.1	19.0	69.6
Brazil, Goiânia	473	92.0	6.6	44.0	301	92.4	5.6	43.5
*Brazil, São Paulo	5168	79.8	13.6	61.8	3441	80.4	12.2	57.2
Chile, Region of Antofagasta	258	76.4	14.7	88.4	100	60.0	27.0	69.0
Chile, Bío Bío Province	418	80.9	3.3	82.8	189	70.9	3.7	81.0
Chile, Valdivia	365	86.0	8.5	89.6	162	88.9	4.3	90.1
Colombia, Bucaramanga	466	82.8	12.4	89.5	303	76.6	14.9	99.7
Colombia, Cali	1096	83.0	7.1	71.0	822	80.2	8.8	69.3
Colombia, Manizales	216	90.3	6.0	86.1	121	88.4	5.0	100.0
Colombia, Pasto	250	78.8	14.4	68.8	161	76.4	17.4	75.2
Costa Rica	2380	79.5	11.4	78.2	1512	80.0	9.4	65.5
Cuba, Villa Clara	206	67.0	8.3	87.4	119	59.7	12.6	88.2
Ecuador, Cuenca	188	67.6	12.2	102.1	184	67.9	12.0	82.1
Ecuador, Quito	712	82.3	13.2	61.0	580	74.3	21.4	70.0
*France, Martinique	231	97.8		69.7	167	98.2		69.5
*Jamaica, Kingston and St Andrew	107	73.8			73	83.6		
USA, Puerto Rico	1078	86.7	10.0	66.7	765	87.3	8.5	62.3
Uruguay	960	80.0	14.9	79.5	648	76.7	17.1	72.4
America, North								
Canada	9640	91.2	1.2	61.0	5401	87.0	2.5	70.0
Canada, Alberta	795	97.9	0.1	52.8	428	92.1	0.5	62.4
Canada, British Columbia	1221	94.8	0.9	55.6	587	93.2	2.2	71.7
Canada, Manitoba	407	93.4	1.0	54.1	203	88.2	2.0	71.9
Canada, New Brunswick	275	96.0	0.0	54.5	157	95.5	0.0	61.1
Canada, Newfoundland and Labrador	262	98.9	0.0	67.6	150	99.3	0.0	83.3
*Canada, Northwest Territories	6	100.0	0.0	50.0	8	100.0	0.0	62.5
Canada, Nova Scotia	328	92.4	0.6	62.2	155	85.2	1.3	84.5
Canada, Ontario	3503	91.5	1.2	62.9	2015	88.2	2.5	66.3
Canada, Prince Edward Island	35	94.3	0.0	62.9	27	96.3	3.7	77.8
*Canada, Quebec	2530	84.7	2.1	67.2	1517	78.7	4.2	71.9
Canada, Saskatchewan	269	95.5	1.9	57.2	149	92.6	0.7	61.1
*Canada, Yukon	9	88.9	0.0	55.6	5	100.0	0.0	40.0
USA, NPCR (42 states)	56113	96.4	1.5	53.6	36044	94.7	2.2	59.0
USA, NPCR (42 states): American Indian	379	94.7	2.4	55.4	237	94.1	2.5	62.0
USA, NPCR (42 states): Asian and Pacific Islander	2981	97.5	0.6	55.4	2269	96.4	1.4	60.4
USA, NPCR (42 states): Black	8254	95.6	1.9	63.4	6182	94.3	2.2	59.7
USA, NPCR (42 states): White	43700	96.5	1.5	52.6	26864	94.7	2.2	59.8
USA, SEER (9 registries)	6366	97.1	1.0	51.6	3978	95.8	1.4	59.0
*USA, SEER (9 registries): Black	801	96.9	1.4		565	95.4	1.9	
*USA, SEER (9 registries): White	4540	97.0	0.9		2669	95.4	1.5	
USA, SEER (18 registries)	18428	97.1	0.8	51.2	12076	95.8	1.2	55.6
*USA, SEER (18 registries): Asian and Pacific Islander	2356	97.9	0.5		1787	96.9	0.6	
*USA, SEER (18 registries): Black	2376	97.3	1.1		1746	95.8	1.4	
*USA, SEER (18 registries): Hispanic White	2664	96.5	1.1		2070	97.1	0.9	
*USA, SEER (18 registries): Non−Hispanic White	10781	97.1	0.8		6325	95.1	1.4	
*USA, SEER (18 registries): White	13445	97.0	0.9		8395	95.5	1.3	
USA, Alabama	880	97.0	1.2	62.8	636	95.6	1.3	59.4
USA, Alabama: Black	298	97.0	1.3	71.5	218	94.0	0.9	61.5
USA, Alabama: White	575	97.0	1.2	58.8	405	96.5	1.2	58.8
USA, Alaska	115	97.4	1.7	51.3	51	94.1	0.0	72.5
*USA, Alaska: American Indian	51	98.0	0.0	54.9	26	92.3	0.0	69.2
USA, Arizona	1029	92.0	3.5	53.6	583	89.2	5.7	68.6
USA, Arizona: American Indian	52	86.5	7.7	75.0	37	86.5	5.4	73.0
USA, Arizona: Asian and Pacific Islander	13	84.6	0.0	53.8	17	100.0	0.0	88.2
USA, Arizona: Black	47	89.4	4.3	68.1	20	85.0	5.0	75.0
USA, Arizona: White	906	92.5	3.3	52.3	507	89.2	5.9	67.7
USA, Arkansas	590	97.3	1.4	51.4	349	95.7	2.0	69.6
USA, Arkansas: Black	109	98.2	0.9	62.4	91	95.6	1.1	79.1
USA, Arkansas: White	475	97.1	1.5	49.3	252	95.6	2.4	66.3
USA, California	7963	97.3	0.6	55.5	5322	96.3	0.7	60.2
USA, California: American Indian	35	100.0	0.0	65.7	20	95.0	0.0	60.0
USA, California: Asian and Pacific Islander	1490	97.9	0.5	56.4	1146	96.8	0.5	58.5
USA, California: Black	578	98.1	0.3	62.6	415	96.4	1.0	65.3
USA, California: White	5764	97.1	0.6	55.3	3661	96.2	0.8	61.4
USA, California, Los Angeles County	2504	97.8	0.5	54.9	1860	96.8	0.8	60.4
*USA, California, Los Angeles County: Asian and Pacific Islander	647	98.5	0.5		463	96.5	0.6	
*USA, California, Los Angeles County: Black	255	98.0	0.4		223	96.9	1.3	
*USA, California, Los Angeles County: Chinese	153	98.7	0.0		118	95.8	0.8	
*USA, California, Los Angeles County: Filipino	49	98.0	2.0		46	100.0	0.0	
*USA, California, Los Angeles County: Hispanic White	766	97.5	0.4		697	97.4	0.9	

*Important. See note on population page.

Stomach (C16) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	112	99.1	0.9		82	96.3	0.0	
*USA, California, Los Angeles County: Korean	245	98.0	0.4		157	95.5	1.3	
*USA, California, Los Angeles County: Non−Hispanic White	824	97.6	0.7		466	96.1	0.6	
*USA, California, Los Angeles County: White	1590	97.5	0.6		1163	96.9	0.8	
USA, California, San Francisco Bay Area	1064	97.2	1.0	56.7	708	95.6	1.0	62.9
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	307	97.7	1.3		227	96.9	0.0	
*USA, California, San Francisco Bay Area: Black	123	98.4	0.8		81	97.5	1.2	
*USA, California, San Francisco Bay Area: Hispanic White	157	96.8	1.3		123	100.0	0.0	
*USA, California, San Francisco Bay Area: Non−Hispanic White	461	96.5	0.9		270	91.9	2.2	
*USA, California, San Francisco Bay Area: White	618	96.6	1.0		393	94.4	1.5	
USA, Colorado	699	96.1	1.6	54.1	397	94.0	4.0	66.5
USA, Colorado: Asian and Pacific Islander	29	100.0	0.0	48.3	20	95.0	5.0	55.0
USA, Colorado: Black	26	92.3	3.8	107.7	26	96.2	3.8	53.8
USA, Colorado: White	630	96.0	1.6	53.2	346	93.6	4.0	68.8
USA, Connecticut	1039	98.3	0.4	46.9	613	96.9	1.5	57.9
*USA, Connecticut: Black	105	99.0	0.0		69	95.7	1.4	
*USA, Connecticut: White	906	98.5	0.2		532	97.2	1.3	
USA, Delaware	199	97.5	2.0	53.3	125	93.6	3.2	55.2
USA, Delaware: Black	36	94.4	5.6	75.0	40	97.5	2.5	47.5
USA, Delaware: White	159	98.1	1.3	49.1	75	90.7	4.0	61.3
USA, Florida	4281	95.9	2.8	55.0	2737	95.0	3.4	58.6
USA, Florida: Asian and Pacific Islander	35	100.0	0.0	82.9	39	100.0	0.0	66.7
USA, Florida: Black	619	96.0	3.2	62.0	499	95.0	3.4	59.3
USA, Florida: White	3551	95.9	2.8	54.5	2143	95.0	3.4	59.8
USA, Georgia	1513	96.7	1.8	56.0	1024	94.0	2.8	60.6
USA, Georgia: Asian and Pacific Islander	47	95.7	2.1	68.1	39	100.0	0.0	69.2
USA, Georgia: Black	572	97.0	1.4	64.0	430	94.2	2.3	57.4
USA, Georgia: White	884	96.5	2.0	50.6	546	93.6	3.3	63.2
USA, Georgia, Atlanta	468	96.4	1.7	55.8	320	96.6	1.6	61.2
*USA, Georgia, Atlanta: Black	196	95.9	2.0		159	93.7	3.1	
*USA, Georgia, Atlanta: White	230	96.5	1.3		134	99.3	0.0	
USA, Idaho	243	95.9	2.1	52.3	111	89.2	6.3	61.3
USA, Illinois	2876	97.3	1.4	53.8	1902	96.3	1.7	58.7
USA, Illinois: Asian and Pacific Islander	96	97.9	1.0	54.2	96	95.8	2.1	53.1
USA, Illinois: Black	544	96.3	2.4	64.7	386	94.0	3.4	65.5
USA, Illinois: White	2187	97.5	1.2	52.2	1399	96.9	1.2	58.0
USA, Indiana	1095	97.0	1.5	52.4	654	94.6	2.0	59.8
USA, Indiana: Black	115	97.4	2.6	67.8	83	97.6	1.2	65.1
USA, Indiana: White	956	96.9	1.4	51.4	556	94.2	2.0	59.5
USA, Iowa	615	97.1	0.3	45.7	345	94.2	2.3	56.2
USA, Kentucky	755	95.8	1.1	56.8	505	95.2	1.0	58.6
USA, Louisiana	877	97.4	1.1	59.6	574	95.8	1.2	56.4
*USA, Louisiana: Black	362	97.0	1.4		257	96.1	1.2	
*USA, Louisiana: White	502	97.6	1.0		310	95.5	1.3	
*USA, Louisiana, New Orleans	209	98.6	0.0		131	95.4	2.3	
*USA, Louisiana, New Orleans: Black	93	97.8	0.0		67	100.0	0.0	
*USA, Louisiana, New Orleans: White	111	99.1	0.0		60	90.0	5.0	
USA, Maine	296	98.3	0.0	50.0	162	96.3	2.5	63.0
USA, Massachusetts	1579	97.0	1.3	51.8	1014	93.4	2.6	54.8
USA, Massachusetts: Asian and Pacific Islander	48	97.9	2.1	43.8	49	98.0	2.0	44.9
USA, Massachusetts: Black	111	96.4	0.9	58.6	70	92.9	4.3	60.0
USA, Massachusetts: White	1405	96.9	1.3	52.0	882	93.1	2.5	55.7
USA, Michigan	2231	94.8	0.8	50.2	1362	93.1	1.0	54.9
USA, Michigan: Asian and Pacific Islander	38	97.4	0.0	68.4	20	90.0	5.0	55.0
USA, Michigan: Black	393	94.1	0.3	61.1	291	92.4	0.0	51.5
USA, Michigan: White	1761	95.1	0.9	48.2	1029	93.3	1.2	56.8
USA, Michigan, Detroit	1093	98.1	0.8	46.9	708	97.0	1.1	55.1
*USA, Michigan, Detroit: Black	311	97.1	1.6		220	95.5	1.8	
*USA, Michigan, Detroit: White	743	98.7	0.5		473	97.7	0.8	
USA, Mississippi	622	94.9	3.5	59.2	408	93.9	3.9	60.5
USA, Missouri	1105	94.8	2.0	55.4	658	93.2	2.6	60.2
USA, Missouri: Black	152	92.1	2.0	69.1	103	97.1	1.0	69.9
USA, Missouri: White	929	95.2	2.0	53.6	532	92.5	2.6	58.8
USA, Montana	184	96.7	2.7	50.0	111	93.7	0.9	55.9
USA, Montana: American Indian	15	100.0	0.0	46.7	14	100.0	0.0	57.1
USA, Nebraska	329	96.7	0.6	43.8	157	92.4	2.5	70.7
USA, Nebraska: Black	13	92.3	7.7	69.2	9	100.0	0.0	66.7
USA, Nebraska: White	308	96.8	0.3	42.9	146	91.8	2.7	70.5
USA, New Hampshire	258	97.3	1.6	51.2	135	97.8	1.5	55.6
USA, New Jersey	2436	97.7	0.8	50.7	1674	95.9	1.3	54.1
*USA, New Jersey: Black	325	98.2	1.2		262	97.3	0.8	
*USA, New Jersey: White	1915	97.5	0.7		1296	95.7	1.3	
USA, New Mexico	460	92.0	4.8	63.9	278	89.9	5.0	60.1
*USA, New Mexico: Hispanic White	208	88.9	8.2		133	92.5	4.5	
*USA, New Mexico: Non−Hispanic White	192	93.8	2.6		110	84.5	7.3	
*USA, New Mexico: White	400	91.2	5.5		243	88.9	5.8	
USA, New York State	5675	97.2	0.7	47.9	3981	95.6	1.2	53.6
USA, New York State: Asian and Pacific Islander	512	97.7	0.8	46.1	275	94.9	2.5	57.1
USA, New York State: Black	901	97.0	0.9	55.7	849	96.5	1.1	51.1
USA, New York State: White	4137	97.3	0.7	47.8	2790	95.3	1.1	55.2
USA, North Carolina	1636	96.3	2.1	57.1	1050	95.1	2.3	59.3
USA, North Carolina: American Indian	13	92.3	7.7	46.2	10	90.0	10.0	60.0
USA, North Carolina: Asian and Pacific Islander	15	100.0	0.0	93.3	14	100.0	0.0	78.6
USA, North Carolina: Black	476	94.5	3.8	67.2	344	92.2	2.6	59.0
USA, North Carolina: White	1112	97.0	1.3	53.4	671	96.6	2.1	60.1
USA, North Dakota	119	97.5	0.8	64.7	96	97.9	1.0	66.7
USA, Ohio	2327	97.3	1.1	53.9	1503	96.7	1.7	58.5
USA, Ohio: Asian and Pacific Islander	23	100.0	0.0	52.2	20	95.0	5.0	90.0
USA, Ohio: Black	310	96.5	1.3	71.3	277	97.5	1.1	65.7
USA, Ohio: White	1960	97.3	1.1	52.1	1169	96.5	1.8	58.2

*Important. See note on population page.

Stomach (C16) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	676	94.8	2.1	50.7	423	94.6	2.1	57.9
USA, Oklahoma: American Indian	71	91.5	2.8	49.3	41	97.6	0.0	46.3
USA, Oklahoma: Black	54	96.3	1.9	50.0	49	89.8	4.1	53.1
USA, Oklahoma: White	535	95.1	2.1	51.4	318	94.7	2.2	60.7
USA, Oregon	625	95.7	0.5	55.5	411	94.2	2.4	59.1
USA, Oregon: Asian and Pacific Islander	23	87.0	0.0	73.9	32	96.9	0.0	59.4
USA, Oregon: Black	12	91.7	8.3	100.0	9	100.0	0.0	111.1
USA, Oregon: White	573	96.0	0.3	54.8	356	93.8	2.5	59.6
USA, Pennsylvania	3256	97.1	1.5	50.2	2031	94.5	2.3	59.5
USA, Pennsylvania: Asian and Pacific Islander	61	98.4	0.0	59.0	51	96.1	0.0	56.9
USA, Pennsylvania: Black	357	94.7	3.1	62.5	270	95.9	3.0	63.3
USA, Pennsylvania: White	2796	97.5	1.3	49.1	1685	94.3	2.3	59.7
USA, Rhode Island	315	97.8	0.3	55.9	183	97.8	0.0	57.4
USA, Rhode Island: Black	16	93.8	0.0	25.0	7	100.0	0.0	42.9
USA, Rhode Island: White	295	98.0	0.3	57.6	172	97.7	0.0	58.1
USA, South Carolina	955	95.0	1.5	60.4	616	93.2	2.9	57.0
USA, South Carolina: Black	385	95.3	1.3	67.5	239	93.3	3.8	60.7
USA, South Carolina: White	552	95.3	1.6	55.4	362	92.8	2.5	55.0
USA, South Dakota	157	96.2	2.5	54.1	80	95.0	0.0	77.5
USA, Tennessee	1088	94.9	4.2	57.0	725	93.2	4.8	60.3
USA, Tennessee: Black	197	94.4	4.6	74.1	149	93.3	4.0	66.4
USA, Tennessee: White	871	94.8	4.2	54.3	561	93.0	5.2	59.2
USA, Texas	4342	95.4	2.0	55.4	2778	92.9	3.8	58.4
USA, Texas: Asian and Pacific Islander	119	95.8	1.7	58.0	73	97.3	2.7	71.2
USA, Texas: Black	641	94.2	2.8	58.0	428	91.1	4.2	55.8
USA, Texas: White	3478	95.8	1.9	56.4	2219	93.1	3.7	59.9
USA, Utah	274	96.7	0.4	47.8	165	97.0	0.0	61.8
USA, Vermont	108	95.4	1.9	49.1	60	91.7	3.3	55.0
USA, Virginia	1388	96.4	2.0	55.8	854	94.0	3.7	61.6
USA, Virginia: Asian and Pacific Islander	81	97.5	1.2	53.1	63	95.2	4.8	69.8
USA, Virginia: Black	374	96.5	1.6	62.3	221	95.5	3.6	67.0
USA, Virginia: White	903	96.3	2.2	55.3	553	93.1	3.8	60.4
USA, Washington State	1234	96.4	0.4	48.1	715	94.1	0.8	63.6
USA, Washington, Seattle	864	96.9	0.3	47.2	516	95.3	0.2	59.7
USA, West Virginia	392	96.4	1.3	52.0	273	94.9	2.2	57.5
USA, Wisconsin	1102	95.6	3.3	54.3	668	93.1	5.2	55.1
USA, Wisconsin: Black	67	97.0	3.0	67.2	48	97.9	0.0	41.7
USA, Wisconsin: White	997	95.5	3.4	54.2	591	93.1	5.4	56.9
USA, Wyoming	83	95.2	1.2	49.4	53	100.0	0.0	62.3
Asia								
Bahrain: Bahraini	34	94.1	5.9	88.2	29	93.1	6.9	100.0
China, Beijing City	4619	78.8	0.3	71.8	2120	76.3	0.6	71.4
*China, Cixian County	1105	85.8	1.8	63.5	565	78.4	3.5	63.5
China, Haining County	446	97.5	1.8	71.5	254	94.5	3.1	72.4
*China, Harbin City, Nangang District	728	74.5	1.6	63.3	346	75.7	2.9	63.6
China, Hong Kong	3180	96.9	0.7	62.6	1923	96.2	0.6	65.4
China, Jiashan County	497	97.6	0.6	80.3	221	95.5	1.8	69.7
China, Jiaxing City	272	83.5	1.8	62.5	122	77.0	4.9	66.4
China, Macao	180	80.0	1.7	55.0	85	81.2	1.2	63.5
China, Qidong County	1360	83.5	0.7	77.5	804	82.5	0.5	74.1
*China, Shanghai City	7959	75.4	0.2	75.9	4728	73.7	0.4	70.8
*China, Wuhan City	3673	95.0		63.8	1837	94.3		64.0
*China, Yangcheng County	1416	97.9		61.7	507	97.6		85.8
*China, Yanting County	2176	86.7	0.6	71.8	1173	83.9	0.9	89.0
*China, Zhongshan City	348	87.4		72.1	181	82.3		71.8
*India, Bangalore	685	84.4	9.3		374	81.8	13.6	
*India; Barshi, Paranda, and Bhum	25	88.0			21	81.0		
*India, Bhopal	60	90.0	0.0		24	79.2	0.0	
*India, Chennai	1187	72.1	2.4		595	72.4	5.4	
*India, Dindigul, Ambilikkai	293	57.0	7.2		135	57.0	6.7	
*India, Karunagappally	73	64.4	2.7		34	55.9	2.9	
*India, Mizoram	752	82.2	3.2		347	78.7	2.9	
*India, Mumbai	1088	76.1	8.6		590	75.4	12.2	
*India, New Delhi	813	74.9	1.2		355	72.4	0.6	
*India, Poona	294	79.3	13.3		129	78.3	14.7	
*India, Sikkim State	136	94.1	3.7		58	89.7	3.4	
*India, Trivandrum	99	82.8	2.0		26	69.2	3.8	
*Iran (Islamic Republic of), Golestan Province	476	66.4	18.9	50.0	199	64.3	19.1	60.8
Israel	2015	94.7	3.0	66.8	1373	92.3	5.7	70.9
*Israel: Jews	1838	94.9	2.8		1253	91.9	5.9	
*Israel: Non–Jews	177	93.2	4.5		120	95.8	3.3	
Japan, Aichi Prefecture	3079	89.7	8.8	44.0	1369	80.4	16.4	57.9
Japan, Fukui Prefecture	2828	92.3	1.6	36.5	1547	88.4	3.6	46.7
Japan, Hiroshima	3885	96.5	3.4	29.5	1804	93.7	6.0	36.0
Japan, Miyagi Prefecture	8151	89.7	6.9	35.9	3607	85.8	10.9	41.2
Japan, Nagasaki Prefecture	4624	93.3	3.2	40.4	2412	91.3	4.9	44.9
Japan, Niigata Prefecture	10372	85.5	11.3	41.4	5147	81.8	13.6	45.4
*Japan, Osaka Prefecture	20763	81.5	12.5	55.7	9897	77.7	16.0	59.4
Japan, Saga Prefecture	2463	85.5	7.6	48.2	1286	81.9	10.2	54.9
Republic of Korea	84325	94.3	2.0	43.3	42641	91.6	3.4	45.6
Republic of Korea, Busan	6343	93.0	2.1	44.7	3332	90.5	3.3	45.8
Republic of Korea, Daegu	4061	95.7	1.3	23.0	2212	94.1	2.4	40.4
Republic of Korea, Daejeon	2535	96.4	0.9	37.2	1188	94.4	1.9	43.4
Republic of Korea, Gwangju	1968	94.9	0.6	39.7	1174	90.9	1.6	40.3
Republic of Korea, Incheon	3563	95.9	1.0	42.9	1691	93.8	1.7	48.7
Republic of Korea, Jejudo	681	97.1	0.3	38.9	384	92.4	2.3	44.5
Republic of Korea, Seoul	14808	95.8	1.8	38.7	7441	93.7	2.8	41.0
Republic of Korea, Ulsan	1570	95.3	1.8	37.5	827	94.1	2.7	39.2

*Important. See note on population page.

Stomach (C16) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	109	94.5	0.9	62.4	44	97.7	0.0	81.8
*Kuwait: Kuwaitis	48	91.7	2.1		23	95.7	0.0	
*Kuwait: Non−Kuwaitis	61	96.7	0.0		21	100.0	0.0	
*Malaysia, Penang	189	93.7			128	95.3		
*Malaysia, Penang: Chinese	143	95.1			95	95.8		
*Malaysia, Penang: Indian	18	83.3			15	93.3		
*Malaysia, Penang: Malay	27	92.6			16	100.0		
*Philippines, Manila	538	63.0	7.1		437	62.9	5.0	
*Philippines, Rizal	514	74.7	11.7		402	68.7	14.4	
Qatar: Qatari	17	88.2	0.0	94.1	12	83.3	8.3	75.0
*Saudi Arabia, Riyadh: Saudi	190	98.4	0.5		106	96.2	3.8	
Singapore	1325	97.4	0.6	70.8	850	96.1	1.1	74.5
Singapore: Chinese	1195	97.5	0.7	70.1	782	95.8	1.2	73.7
Singapore: Indian	68	95.6	0.0	61.8	29	100.0	0.0	51.7
Singapore: Malay	50	96.0	0.0	82.0	33	100.0	0.0	90.9
Thailand, Bangkok	636	90.9	3.3	52.5	573	89.9	4.0	56.9
Thailand, Chiang Mai	279	87.8	4.3	82.8	203	81.8	4.9	84.2
Thailand, Chonburi	112	83.9	2.7	70.5	118	72.0	7.6	75.4
*Thailand, Khon Kaen	104	82.7	1.0		85	83.5	3.5	
Thailand, Lampang	110	80.0	4.5	47.3	70	77.1	2.9	48.6
*Thailand, Songkhla	76	88.2	1.3		45	84.4	2.2	
*Turkey, Antalya	424	91.7	2.4	68.2	238	90.8	1.7	65.5
*Turkey, Edirne	169	85.2	7.7		75	84.0	6.7	
*Turkey, Izmir	1282	88.3	5.7		746	88.1	7.8	
*Turkey, Trabzon	259	92.3	0.8		194	91.8	3.1	
Europe								
Austria	4049	90.5	7.7	69.4	3322	88.0	10.1	74.7
Austria, Tyrol	361	97.0	0.3	70.1	279	97.5	0.7	67.4
Austria, Vorarlberg	165	95.2	2.4	57.6	113	93.8	4.4	69.9
*Belarus	9960	97.3		77.5	7115	96.8		71.0
*Belgium	3491	99.4		58.1	2027	99.4		64.4
Bulgaria	5538	67.4	16.1	84.1	3453	61.2	19.4	86.2
Croatia	3376	76.4	6.9	85.9	2104	72.8	9.3	82.4
Cyprus	207	91.3	7.7	62.8	106	91.5	7.5	60.1
Czech Republic	4956	90.7	1.1	77.8	3487	87.6	1.7	80.4
Denmark	1751	96.9	0.1	66.4	974	94.3	0.2	79.6
*Estonia	1075	94.9		86.4	942	94.7		82.4
Finland	1990	96.2	0.9	73.9	1588	94.5	0.7	75.5
*France, Bas−Rhin	338	100.0		62.1	232	97.0		64.2
*France, Calvados	252	96.0		71.4	137	89.8		77.4
*France, Doubs	179	98.9		65.9	92	100.0		78.3
*France, Haut−Rhin	268	99.3		72.8	158	98.7		67.7
*France, Hérault	373	97.6		57.9	164	94.5		74.4
*France, Isère	364	97.3		58.0	224	94.6		67.9
*France, Loire−Atlantique	397	98.0		75.8	206	97.6		84.5
*France, Manche	294	99.3		69.4	128	97.7		89.8
*France, Somme	226	98.7		59.7	109	97.2		70.6
*France, Tarn	130	98.5		64.6	68	95.6		89.7
*France, Vendée	226	99.1		99.1	107	100.0		96.3
Germany, Brandenburg	1750	83.5	15.8	70.4	1195	77.5	21.7	78.9
Germany, Bremen	356	93.8	5.6	54.2	299	87.6	7.7	70.6
Germany, Free State of Saxony	3315	83.5	15.6	68.4	2530	78.1	20.7	73.2
Germany, Hamburg	839	88.7	7.6	62.9	663	85.4	9.7	72.5
Germany, Mecklenburg−Western Pomerania	1263	82.3	17.0	70.5	941	78.7	20.7	71.5
Germany, Munich	2067	91.0	7.5	59.1	1701	85.5	13.1	65.9
Germany, North Rhine−Westphalia	1448	91.9	4.8	68.0	1040	87.9	7.1	76.4
Germany, Saarland	647	96.0	3.6	64.9	490	89.8	8.0	67.3
Germany, Schleswig−Holstein	1726	88.6	9.4	56.2	1343	83.5	13.3	64.3
Iceland	104	98.1	0.0	65.4	67	95.5	0.0	80.6
Ireland	1472	95.7	1.1	67.1	882	93.1	2.9	71.5
Italy, Biella	142	94.4	0.7	69.0	104	91.3	2.9	81.7
Italy, Brescia	839	91.5	1.3	67.1	586	86.9	4.4	66.4
Italy, Catania and Messina	555	94.8	2.5	78.9	400	91.5	6.5	76.8
Italy, Catanzaro	168	93.5	0.6	72.6	102	90.2	0.0	72.5
Italy, Como	479	93.5	0.8	73.9	330	90.6	3.0	79.1
Italy, Ferrara	308	91.2	2.9	84.4	244	83.6	4.5	85.7
Italy, Florence and Prato	779	89.1	0.6	75.6	568	82.7	1.8	81.0
Italy, Friuli−Venezia Giulia	1139	94.8	0.5	72.5	887	92.1	0.8	73.6
Italy, Genoa	497	92.6	1.2	73.6	383	88.5	2.9	86.4
Italy, Latina	321	85.0	1.6	77.3	222	83.8	2.3	86.5
Italy, Lecco	316	87.7	0.0	70.3	232	89.7	0.0	69.4
Italy, Lombardy, South	440	82.0	0.7	80.5	301	74.1	2.0	74.4
Italy, Mantua	217	89.9	3.2	87.1	168	86.9	1.8	74.4
Italy, Milan	687	93.7	1.3	71.5	615	89.1	5.7	73.8
Italy, Modena	562	95.9	0.4	72.8	393	93.1	1.0	73.0
Italy, Naples	251	88.4	1.2	65.7	152	87.5	2.0	80.3
Italy, Nuoro	136	91.9	3.7	81.6	99	83.8	2.0	73.7
Italy, Palermo	415	83.6	3.6	68.4	276	77.5	5.8	74.6
Italy, Parma	487	93.2	0.0	75.2	382	83.2	0.8	78.3
Italy, Ragusa	137	92.7	2.2	73.0	101	86.1	5.9	70.5
Italy, Reggio Emilia	456	92.5	0.0	76.5	327	88.4	0.9	68.5
Italy, Romagna	1518	94.3	1.2	69.1	1098	91.4	2.1	68.8
Italy, Salerno	532	85.5	1.9	69.4	315	83.5	2.9	68.6
Italy, Sassari	218	90.8	3.7	58.7	121	83.5	5.0	83.5
Italy, Sondrio	170	96.5	0.0	68.2	122	90.2	0.8	63.1
Italy, South Tyrol	324	97.5	0.6	63.6	233	92.7	2.1	74.2

*Important. See note on population page.

Indices of data quality

Stomach (C16) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	179	88.3	1.1	86.6	97	82.5	4.1	82.5
Italy, Trapani	151	85.4	2.0	80.1	85	84.7	3.5	77.6
Italy, Trento	279	95.7	1.4	78.5	211	88.2	3.3	77.7
Italy, Turin	571	94.0	0.5	71.3	399	90.5	3.5	69.9
Italy, Umbria	1082	97.0	0.1	70.5	751	95.6	0.1	69.1
Italy, Varese	677	92.6	0.3	72.2	445	89.2	1.3	89.4
Italy, Veneto	1116	94.2	1.0	66.2	874	89.6	1.6	68.1
Latvia	1527	75.8	12.1	84.3	1196	74.9	12.5	80.8
Lithuania	2924	82.8	6.6	79.0	2020	80.8	6.7	77.7
Malta	144	95.1	3.5	82.6	90	92.2	6.7	84.4
*Netherlands	6355	98.7		71.4	3611	97.7		83.3
*Netherlands, Eindhoven	404	99.3		71.5	263	98.5		70.7
Norway	1621	97.4	0.4	72.5	1102	95.1	1.0	78.9
Poland, Cracow	312	89.1	7.4	95.2	197	83.2	6.6	81.2
Poland, Kielce	744	82.1	4.6	88.7	393	79.9	4.8	87.0
Poland, Lower Silesia	1346	75.9	0.5	100.7	850	72.7	0.6	94.0
Poland, Podkarpackie	1122	80.3	4.6	83.9	645	74.9	8.2	84.0
Portugal, Azores	166	90.4	5.4	72.3	93	92.5	6.5	80.6
Russian Federation, Saint Petersburg	4325	76.9	0.0	93.6	3906	72.0	0.0	98.2
*Serbia, Central	2957	77.5	7.9	90.7	1774	74.1	11.2	88.7
Slovakia	2880	87.3	9.2	77.0	1918	84.6	11.9	77.8
Slovenia	1457	94.9	1.5	73.0	905	94.1	2.2	77.0
Spain, Albacete	227	93.4	1.3	74.4	109	92.7	0.9	84.4
Spain, Asturias	764	94.4	2.7	74.3	475	89.9	4.8	77.5
Spain, Basque Country	1617	94.6	1.9	66.7	898	88.9	4.3	66.8
Spain, Canary Islands	385	94.5	1.0	68.1	222	91.4	4.1	68.5
Spain, Ciudad Real	284	94.7	1.1	81.7	182	79.1	5.5	75.3
Spain, Cuenca	165	90.3	6.1	72.1	95	84.2	6.3	73.7
Spain, Girona	370	90.8	5.1	70.0	234	87.6	5.6	77.4
*Spain, Granada	373	94.9		80.4	191	92.1		84.8
Spain, La Rioja	205	93.2	1.5	75.6	113	82.3	7.1	87.6
Spain, Mallorca	247	97.2	1.2	90.4	173	93.1	2.9	73.2
Spain, Murcia	556	93.2	1.6	68.5	346	91.0	2.6	68.8
Spain, Navarra	411	95.6	2.4	69.8	220	89.1	0.9	72.7
Spain, Tarragona	310	92.9	4.2	73.9	166	88.6	6.0	68.7
*Sweden	2909	99.7		79.1	1839	99.3		86.0
Switzerland, Basel	117	94.9	5.1	74.4	95	96.8	3.2	58.9
Switzerland, Geneva	116	99.1	0.9	50.0	85	94.1	1.2	64.7
Switzerland, Graubünden and Glarus	108	96.3	0.0	67.6	70	92.9	0.0	68.6
Switzerland, Neuchâtel	49	100.0	0.0	40.8	28	82.1	0.0	78.6
Switzerland, St Gall−Appenzell	150	96.7	0.7	73.3	112	92.0	0.9	64.3
Switzerland, Ticino	163	97.5	1.2	58.3	139	93.5	4.3	64.7
Switzerland, Valais	125	96.8	1.6	63.2	85	84.7	7.1	64.7
Switzerland, Vaud	184	97.8	1.6	60.3	121	93.4	3.3	52.9
Switzerland, Zurich	398	97.5	2.0	56.5	258	94.2	3.5	71.7
Ukraine	39350	70.7	0.5	80.3	26720	67.4	0.4	75.5
UK, England	21279	90.7	2.2	66.2	11753	84.9	4.0	72.7
UK, England, East of England Region	2262	91.5	1.6	59.9	1126	83.9	3.2	72.6
UK, England, North Western	3229	88.0	0.8	65.0	1873	83.1	1.4	71.1
UK, England, Northern and Yorkshire	3398	93.5	0.8	66.2	1972	88.7	1.6	73.3
UK, England, Oxford Region	809	91.6	1.2	73.7	446	82.5	2.2	81.6
UK, England, South and Western Regions	2733	91.5	2.0	64.7	1533	84.2	4.3	71.1
UK, England, Thames	3799	86.9	4.0	68.0	2192	82.3	6.9	70.5
UK, England, Trent	1425	93.5	2.2	66.8	718	88.0	2.6	69.8
UK, England, West Midlands	2623	91.7	4.3	68.4	1336	86.2	8.2	76.9
UK, Northern Ireland	686	92.6	0.7	71.6	456	89.7	1.8	73.5
UK, Scotland	2425	94.6	0.2	70.5	1572	90.4	1.3	72.0
UK, Wales	1619	86.9	2.8	67.0	958	77.9	5.5	69.5
Oceania								
Australian Capital Territory	73	100.0	0.0	56.2	38	89.5	0.0	63.2
Australia, New South Wales	2104	96.4	0.7	53.4	1142	91.6	1.7	61.8
Australia, Northern Territory	17	100.0	0.0	58.8	12	100.0	0.0	91.7
Australia, Northern Territory: Indigenous	3	100.0	0.0	66.7	6	100.0	0.0	33.3
Australia, Northern Territory: Non−Indigenous	14	100.0	0.0	57.1	6	100.0	0.0	150.0
Australia, Queensland	1125	96.6	0.8	69.2	536	89.9	2.2	75.9
South Australia	537	96.3	0.0	55.9	279	93.5	0.0	64.5
Australia, Tasmania	177	98.9	0.0	57.1	96	92.7	0.0	72.9
Australia, Victoria	1658	94.0	1.1	60.6	982	91.0	2.9	68.2
Western Australia	547	95.2	0.2	64.7	270	94.4	0.0	64.1
New Zealand	1136	92.0	1.6	77.5	718	86.2	5.4	78.3
New Zealand: Maori	188	94.1	1.1	76.6	157	92.4	2.5	65.0
New Zealand: Pacific Islander	67	91.0	0.0	62.7	54	77.8	7.4	83.3
New Zealand: Other	881	91.6	1.8	78.8	507	85.2	6.1	81.9
USA, Hawaii	489	98.2	0.4	62.8	325	96.9	0.9	58.2
*USA, Hawaii: Chinese	23	100.0	0.0		24	95.8	0.0	
*USA, Hawaii: Filipino	44	97.7	0.0		30	93.3	3.3	
*USA, Hawaii: Hawaiian	55	98.2	0.0		44	95.5	2.3	
*USA, Hawaii: Japanese	246	98.4	0.4		152	98.0	0.7	
*USA, Hawaii: White	86	96.5	1.2		37	97.3	0.0	

*Important. See note on population page.

Indices of data quality

Large bowel (C18-21)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	217	98.6			228	98.7		
Egypt, Gharbiah	494	92.1	6.3	37.0	451	94.2	4.2	36.8
*Libya, Benghazi	180	87.8	6.7	38.3	177	87.6	5.6	31.6
*Malawi, Blantyre	36	72.2			40	72.5		
*South Africa, PROMEC	34	82.4			29	75.9		
*Tunisia, North	745	97.6			662	97.7		
*Uganda, Kyadondo County	102	36.3	0.0		123	46.3	0.0	
*Zimbabwe, Harare: African	134	67.2	8.2		93	68.8	8.6	
America, Central and South								
Argentina, Bahía Blanca	315	90.5	9.5	52.4	273	89.0	10.3	46.5
Argentina, Córdoba	735	83.1	16.2	55.4	671	79.4	19.8	52.6
Argentina, Mendoza	1141	84.5	13.5	54.1	1038	82.4	15.1	56.1
*Argentina, Tierra del Fuego	51	84.3	2.0	56.9	30	90.0	3.3	50.0
Brazil, Aracaju	93	96.8	3.2	38.7	139	93.5	4.3	37.4
Brazil, Belo Horizonte	594	89.9	8.6	37.7	808	90.1	8.7	37.4
Brazil, Cuiabá	165	89.7	6.7	35.8	161	88.2	5.0	33.5
Brazil, Fortaleza	363	89.8	8.5	45.7	464	88.6	8.6	45.3
Brazil, Goiânia	648	94.0	4.6	30.4	727	94.9	4.1	32.0
*Brazil, São Paulo	7903	85.3	6.4	37.2	8658	84.5	7.2	39.7
Chile, Region of Antofagasta	156	78.8	16.7	62.8	168	78.0	16.7	55.4
Chile, Bío Bío Province	125	76.0	1.6	60.8	135	73.3	0.7	63.7
Chile, Valdivia	158	85.4	5.1	52.5	172	84.3	7.0	55.2
Colombia, Bucaramanga	284	86.6	7.7	57.4	371	86.8	8.9	58.0
Colombia, Cali	716	89.0	2.8	45.4	924	88.6	3.2	45.3
Colombia, Manizales	143	90.9	4.2	61.5	171	93.0	2.3	66.1
Colombia, Pasto	58	81.0	8.6	58.6	83	81.9	10.8	53.0
Costa Rica	1363	84.0	6.1	56.9	1408	81.0	9.9	56.6
Cuba, Villa Clara	432	75.7	8.1	69.4	476	66.0	9.0	73.5
Ecuador, Cuenca	46	80.4	2.2	60.9	87	78.2	3.4	58.6
Ecuador, Quito	340	88.5	7.4	43.2	422	83.6	10.2	47.6
*France, Martinique	288	97.9		40.6	341	96.2		41.1
*Jamaica, Kingston and St Andrew	236	82.2			232	86.2		
USA, Puerto Rico	4510	94.4	3.5	37.3	3935	94.0	4.4	36.2
Uruguay	2428	86.4	9.8	53.3	2462	83.2	12.3	52.9
America, North								
Canada	53910	93.0	0.9	35.2	46049	90.5	1.6	36.2
Canada, Alberta	4379	97.0	0.3	32.0	3563	94.9	0.3	33.5
Canada, British Columbia	6724	96.2	1.0	34.1	5602	93.4	1.9	35.1
Canada, Manitoba	2086	95.0	0.7	36.7	1807	92.3	1.7	36.8
Canada, New Brunswick	1370	96.1	0.0	28.9	1131	93.9	0.0	32.1
Canada, Newfoundland and Labrador	1268	98.9	0.2	34.1	977	99.3	0.0	35.8
*Canada, Northwest Territories	63	93.7	0.0	30.2	40	100.0	0.0	27.5
Canada, Nova Scotia	2048	93.9	0.4	31.4	1786	92.6	0.5	30.5
Canada, Ontario	19885	93.1	0.8	36.4	17220	90.8	1.7	35.8
Canada, Prince Edward Island	267	97.0	0.0	20.6	250	93.6	0.0	27.6
*Canada, Quebec	13929	88.4	1.3	40.9	12124	85.3	2.3	42.4
Canada, Saskatchewan	1844	95.7	0.7	33.6	1519	93.8	1.1	36.1
*Canada, Yukon	47	93.6	0.0	34.0	30	96.7	0.0	50.0
USA, NPCR (42 states)	337708	97.0	1.2	35.6	330009	96.1	1.4	35.9
USA, NPCR (42 states): American Indian	1610	95.9	2.4	35.5	1556	97.2	0.9	29.6
USA, NPCR (42 states): Asian and Pacific Islander	7455	98.2	0.4	30.6	7573	97.7	0.6	31.6
USA, NPCR (42 states): Black	36230	96.1	1.7	41.8	39342	96.0	1.5	40.0
USA, NPCR (42 states): White	288160	97.1	1.2	35.5	277724	96.0	1.4	36.0
USA, SEER (9 registries)	33462	97.7	0.7	33.7	33204	96.5	1.0	34.6
*USA, SEER (9 registries): Black	3344	97.7	0.6		3736	96.7	1.0	
*USA, SEER (9 registries): White	26893	97.6	0.7		26447	96.3	1.1	
USA, SEER (18 registries)	97584	97.6	0.7	32.6	95199	96.4	1.0	33.4
*USA, SEER (18 registries): Asian and Pacific Islander	6452	98.4	0.4		6168	97.6	0.5	
*USA, SEER (18 registries): Black	10223	97.1	1.2		11099	96.5	1.1	
*USA, SEER (18 registries): Hispanic White	8328	97.8	0.6		7387	97.1	0.8	
*USA, SEER (18 registries): Non−Hispanic White	71334	97.5	0.7		69381	96.2	1.0	
*USA, SEER (18 registries): White	79662	97.6	0.7		76768	96.3	1.0	
USA, Alabama	6504	97.4	1.0	36.6	5966	97.3	1.1	36.8
USA, Alabama: Black	1418	95.9	1.3	43.8	1501	96.9	1.1	41.8
USA, Alabama: White	5019	97.8	0.9	34.9	4415	97.4	1.1	35.4
USA, Alaska	657	97.0	0.5	28.9	561	97.0	0.4	26.2
*USA, Alaska: American Indian	165	97.6	0.0	27.9	172	98.8	0.0	24.4
USA, Arizona	6409	94.5	2.2	39.8	5778	94.4	2.3	37.7
USA, Arizona: American Indian	120	90.8	4.2	28.3	114	95.6	0.9	21.1
USA, Arizona: Asian and Pacific Islander	71	94.4	4.2	25.4	65	98.5	0.0	26.2
USA, Arizona: Black	160	95.6	0.6	46.2	147	95.9	3.4	39.5
USA, Arizona: White	5989	94.5	2.2	40.5	5402	94.3	2.4	38.5
USA, Arkansas	3946	97.5	1.0	38.9	3746	96.9	1.0	38.4
USA, Arkansas: Black	485	95.3	2.1	46.4	536	95.3	0.7	46.6
USA, Arkansas: White	3432	97.8	0.9	38.1	3173	97.1	1.1	37.2
USA, California	37836	97.8	0.5	34.8	36546	96.4	0.7	35.2
USA, California: American Indian	131	97.7	0.8	59.5	134	95.5	0.7	44.8
USA, California: Asian and Pacific Islander	3966	98.5	0.3	31.4	3997	97.5	0.5	31.5
USA, California: Black	2637	97.5	1.0	40.6	2805	96.4	0.7	41.4
USA, California: White	30508	97.7	0.5	35.3	29161	96.2	0.8	35.6
USA, California, Los Angeles County	9853	97.9	0.5	35.2	9797	97.0	0.8	35.7
*USA, California, Los Angeles County: Asian and Pacific Islander	1491	98.8	0.2		1398	98.1	0.7	
*USA, California, Los Angeles County: Black	1197	97.1	1.3		1351	96.4	0.7	
*USA, California, Los Angeles County: Chinese	424	98.8	0.5		415	97.8	1.2	
*USA, California, Los Angeles County: Filipino	295	99.0	0.3		297	99.0	0.0	
*USA, California, Los Angeles County: Hispanic White	2060	98.0	0.5		2015	97.5	0.6	

*Important. See note on population page.

Large bowel (C18-21) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	288	97.6	0.0		261	97.3	1.1	
*USA, California, Los Angeles County: Korean	245	99.2	0.0		210	96.7	1.0	
*USA, California, Los Angeles County: Non−Hispanic White	4983	97.8	0.4		4959	96.5	0.9	
*USA, California, Los Angeles County: White	7043	97.9	0.4		6974	96.8	0.8	
USA, California, San Francisco Bay Area	4998	97.9	0.5	34.6	4993	96.2	0.7	35.0
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	928	97.8	0.4		969	97.4	0.4	
*USA, California, San Francisco Bay Area: Black	491	97.8	0.8		552	94.4	0.9	
*USA, California, San Francisco Bay Area: Hispanic White	451	98.4	0.2		442	96.4	0.7	
*USA, California, San Francisco Bay Area: Non−Hispanic White	3034	97.8	0.5		2965	96.1	0.7	
*USA, California, San Francisco Bay Area: White	3485	97.9	0.5		3407	96.2	0.7	
USA, Colorado	4662	96.5	1.8	34.6	4547	95.1	2.4	35.1
USA, Colorado: Asian and Pacific Islander	59	98.3	0.0	23.7	69	100.0	0.0	33.3
USA, Colorado: Black	165	93.3	3.6	40.0	144	95.8	2.1	33.3
USA, Colorado: White	4373	96.6	1.8	34.9	4263	95.0	2.4	35.6
USA, Connecticut	4924	98.3	0.7	30.7	5096	96.8	1.2	33.7
*USA, Connecticut: Black	319	98.4	0.6		388	97.2	1.3	
*USA, Connecticut: White	4514	98.3	0.7		4625	96.8	1.2	
USA, Delaware	1229	97.6	1.1	35.6	1151	95.8	1.5	36.7
USA, Delaware: Black	192	98.4	1.0	35.4	176	96.0	1.7	39.2
USA, Delaware: White	1005	97.4	1.2	36.4	951	95.7	1.5	36.9
USA, Florida	26834	96.9	1.9	36.2	25572	96.8	1.6	35.3
USA, Florida: Asian and Pacific Islander	170	98.2	0.0	35.9	157	99.4	0.0	39.5
USA, Florida: Black	2412	96.6	2.0	43.7	2603	96.7	1.7	39.8
USA, Florida: White	23898	96.9	1.9	35.9	22461	96.7	1.6	35.3
USA, Georgia	10020	97.3	1.4	33.8	9509	96.6	1.6	34.9
USA, Georgia: Asian and Pacific Islander	95	98.9	0.0	30.5	101	97.0	1.0	25.7
USA, Georgia: Black	2552	96.6	1.8	37.3	2821	96.4	1.6	38.7
USA, Georgia: White	7320	97.5	1.3	32.7	6550	96.6	1.6	33.6
USA, Georgia, Atlanta	2702	98.1	0.8	31.4	2791	97.3	1.2	34.4
*USA, Georgia, Atlanta: Black	919	97.5	0.9		1118	97.3	1.3	
*USA, Georgia, Atlanta: White	1693	98.5	0.8		1593	97.2	1.3	
USA, Idaho	1521	96.6	1.6	34.3	1461	96.4	1.9	35.2
USA, Illinois	17733	97.4	1.3	34.9	17563	96.6	1.4	36.1
USA, Illinois: Asian and Pacific Islander	293	98.0	1.0	28.0	279	98.6	1.1	33.3
USA, Illinois: Black	2450	96.1	2.5	42.2	2622	96.3	2.2	41.1
USA, Illinois: White	14732	97.5	1.1	34.4	14471	96.6	1.2	35.7
USA, Indiana	8454	97.3	1.3	37.8	8574	96.2	1.4	35.4
USA, Indiana: Black	586	96.1	2.2	43.2	686	96.4	1.6	37.2
USA, Indiana: White	7723	97.4	1.2	38.0	7762	96.1	1.4	35.7
USA, Iowa	4574	97.5	0.7	35.4	4846	95.4	1.1	36.2
USA, Kentucky	6421	96.5	0.7	35.1	6236	96.0	0.9	36.4
USA, Louisiana	5075	97.7	0.8	37.4	4651	96.5	1.1	36.9
*USA, Louisiana: Black	1378	97.0	1.3		1430	96.2	1.4	
*USA, Louisiana: White	3662	98.0	0.6		3190	96.6	0.9	
*USA, Louisiana, New Orleans	963	97.2	2.1		889	95.5	2.4	
*USA, Louisiana, New Orleans: Black	333	95.5	3.3		328	94.2	3.4	
*USA, Louisiana, New Orleans: White	613	98.0	1.5		550	96.4	1.8	
USA, Maine	2141	96.7	0.9	31.4	2143	94.7	1.9	34.9
USA, Massachusetts	9105	97.5	0.9	33.3	9261	95.9	1.3	35.7
USA, Massachusetts: Asian and Pacific Islander	163	98.2	0.6	23.9	168	97.0	0.6	24.4
USA, Massachusetts: Black	343	97.7	0.3	35.0	351	95.4	1.4	39.3
USA, Massachusetts: White	8482	97.5	1.0	33.8	8659	95.9	1.3	36.1
USA, Michigan	12979	96.0	0.8	35.5	13099	95.1	1.1	36.3
USA, Michigan: Asian and Pacific Islander	98	98.0	1.0	27.6	70	100.0	0.0	37.1
USA, Michigan: Black	1741	95.2	0.6	39.6	1797	95.7	0.3	37.6
USA, Michigan: White	10922	96.1	0.8	35.4	11033	94.9	1.2	36.5
USA, Michigan, Detroit	5301	97.8	0.7	35.4	5554	97.3	0.9	35.3
*USA, Michigan, Detroit: Black	1322	97.7	0.4		1410	97.4	0.6	
*USA, Michigan, Detroit: White	3894	97.8	0.8		4053	97.2	1.0	
USA, Mississippi	4099	96.0	2.7	36.9	3867	95.7	2.9	37.5
USA, Missouri	8314	96.7	1.0	35.4	8099	95.7	1.3	37.0
USA, Missouri: Black	780	96.8	1.3	37.8	822	97.2	0.9	40.4
USA, Missouri: White	7425	96.8	1.0	35.4	7176	95.5	1.4	36.8
USA, Montana	1252	96.7	1.7	34.4	1179	94.6	2.8	36.9
USA, Montana: American Indian	67	98.5	1.5	28.4	49	98.0	2.0	32.7
USA, Nebraska	2711	98.0	0.8	33.8	2596	96.4	1.4	35.4
USA, Nebraska: Black	66	95.5	1.5	43.9	74	95.9	0.0	45.9
USA, Nebraska: White	2596	98.0	0.8	33.9	2478	96.3	1.5	35.4
USA, New Hampshire	1686	96.9	0.9	34.8	1695	96.2	1.2	35.3
USA, New Jersey	12308	98.0	0.7	35.8	12660	96.6	1.1	37.5
*USA, New Jersey: Black	1317	97.1	1.4		1551	96.6	1.0	
*USA, New Jersey: White	10463	98.2	0.5		10645	96.6	1.1	
USA, New Mexico	2173	94.8	1.7	38.1	1975	95.1	2.1	36.5
*USA, New Mexico: Hispanic White	715	95.2	2.1		599	95.7	1.8	
*USA, New Mexico: Non−Hispanic White	1311	94.5	1.4		1235	94.7	2.3	
*USA, New Mexico: White	2026	94.8	1.6		1834	95.0	2.1	
USA, New York State	25888	97.6	0.6	34.1	27299	96.4	0.8	34.9
USA, New York State: Asian and Pacific Islander	893	98.4	0.6	31.4	847	98.5	0.2	26.4
USA, New York State: Black	3325	97.7	0.6	37.7	3999	97.6	0.4	37.0
USA, New York State: White	21181	97.5	0.6	34.4	22029	96.0	0.9	35.4
USA, North Carolina	11108	97.8	1.0	35.0	10635	96.3	1.7	35.5
USA, North Carolina: American Indian	72	98.6	1.4	34.7	58	98.3	0.0	46.6
USA, North Carolina: Asian and Pacific Islander	34	97.1	2.9	32.4	52	98.1	1.9	48.1
USA, North Carolina: Black	2136	97.0	1.5	40.0	2342	96.5	1.5	38.3
USA, North Carolina: White	8796	98.0	0.9	34.0	8095	96.2	1.7	34.9
USA, North Dakota	1100	97.5	0.5	31.8	911	97.7	0.3	37.9
USA, Ohio	16080	97.5	1.1	37.6	16310	97.2	1.1	38.7
USA, Ohio: Asian and Pacific Islander	53	100.0	0.0	28.3	71	100.0	0.0	22.5
USA, Ohio: Black	1558	96.4	1.8	45.8	1654	97.0	1.3	42.9
USA, Ohio: White	14209	97.6	1.0	37.4	14242	97.2	1.1	39.2

*Important. See note on population page.

Indices of data quality

Large bowel (C18-21) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	4889	95.6	2.0	38.1	4790	96.1	1.2	34.7
USA, Oklahoma: American Indian	397	95.7	2.3	25.4	417	97.8	0.5	22.8
USA, Oklahoma: Black	284	94.0	2.5	48.2	302	96.4	1.0	33.1
USA, Oklahoma: White	4148	95.6	2.0	38.9	4000	95.9	1.3	36.3
USA, Oregon	4624	95.6	1.3	35.9	4503	94.7	1.5	37.6
USA, Oregon: Asian and Pacific Islander	68	97.1	2.9	23.5	87	95.4	0.0	37.9
USA, Oregon: Black	55	94.5	3.6	40.0	53	98.1	0.0	30.2
USA, Oregon: White	4334	95.5	1.3	37.0	4213	94.6	1.6	38.7
USA, Pennsylvania	20273	97.5	1.1	36.0	21008	96.1	1.3	35.9
USA, Pennsylvania: Asian and Pacific Islander	121	98.3	0.0	22.3	129	99.2	0.0	28.7
USA, Pennsylvania: Black	1525	96.6	1.5	42.8	1691	95.8	1.4	39.5
USA, Pennsylvania: White	18380	97.5	1.1	36.0	18962	96.1	1.3	36.0
USA, Rhode Island	1557	97.2	0.8	33.3	1651	96.9	1.1	33.8
USA, Rhode Island: Black	44	100.0	0.0	36.4	57	100.0	0.0	28.1
USA, Rhode Island: White	1486	97.4	0.9	33.4	1566	96.7	1.1	34.3
USA, South Carolina	5835	96.6	1.6	34.8	5544	95.5	1.5	35.7
USA, South Carolina: Black	1475	95.2	2.0	42.5	1547	94.9	1.6	39.9
USA, South Carolina: White	4289	97.0	1.4	32.6	3935	95.8	1.4	34.3
USA, South Dakota	1126	96.2	1.6	36.6	1098	94.8	1.3	37.4
USA, Tennessee	7977	96.0	2.9	37.8	7853	95.7	2.6	37.4
USA, Tennessee: Black	1016	93.8	4.6	49.2	1202	95.3	2.9	45.6
USA, Tennessee: White	6884	96.3	2.7	36.3	6581	95.7	2.6	36.2
USA, Texas	24741	96.6	1.4	35.2	21938	95.3	2.2	35.3
USA, Texas: Asian and Pacific Islander	313	97.1	0.3	30.0	316	96.8	2.2	37.3
USA, Texas: Black	2936	96.3	1.7	42.5	2942	95.1	2.1	40.1
USA, Texas: White	21080	96.7	1.4	34.9	18312	95.3	2.1	35.2
USA, Utah	1935	98.3	0.2	32.2	1645	97.1	0.7	34.0
USA, Vermont	770	97.0	1.2	38.4	852	95.2	1.4	36.7
USA, Virginia	8956	96.8	1.6	36.9	8857	95.8	2.1	35.8
USA, Virginia: Asian and Pacific Islander	158	98.7	1.3	29.1	172	98.8	0.6	33.1
USA, Virginia: Black	1714	96.0	2.3	43.1	1821	95.1	2.6	41.0
USA, Virginia: White	6943	97.0	1.4	36.3	6743	95.9	2.0	35.0
USA, Washington State	7171	97.3	0.7	34.4	6854	95.5	0.9	35.4
USA, Washington, Seattle	4920	97.6	0.4	32.4	4760	95.7	0.8	33.9
USA, West Virginia	3281	97.0	0.9	36.2	3076	95.7	1.3	38.0
USA, Wisconsin	7121	96.4	2.4	34.9	7122	95.4	2.9	35.5
USA, Wisconsin: Black	273	97.1	2.2	37.7	304	97.0	1.3	32.9
USA, Wisconsin: White	6663	96.5	2.5	35.4	6651	95.5	3.1	36.2
USA, Wyoming	628	97.9	0.6	36.6	590	98.5	0.0	39.5
Asia								
Bahrain: Bahraini	109	96.3	1.8	56.0	88	94.3	3.4	47.7
China, Beijing City	5972	86.5	0.3	48.6	4924	85.3	0.3	47.5
*China, Cixian County	135	80.0	4.4	68.9	149	81.9	2.0	47.0
China, Haining County	328	99.7	0.0	51.2	272	98.9	0.0	56.2
*China, Harbin City, Nangang District	697	76.0	0.7	42.3	547	76.1	0.5	45.3
China, Hong Kong	10521	95.1	0.6	43.2	8017	93.9	1.0	43.2
China, Jiashan County	363	98.1	0.3	59.5	313	98.7	0.3	56.5
China, Jiaxing City	286	85.3	2.4	55.9	247	85.0	0.8	43.7
China, Macao	358	78.8	0.6	43.3	388	77.3	0.8	40.5
China, Qidong County	604	92.1	0.0	61.4	571	92.6	0.5	63.7
*China, Shanghai City	8137	80.6	0.2	53.4	7716	80.0	0.2	51.8
*China, Wuhan City	2989	97.4		44.0	2582	97.2		41.7
*China, Yangcheng County	104	96.2		43.3	93	100.0		59.1
*China, Yanting County	187	94.7	0.0	65.2	112	96.4	0.0	75.0
*China, Zhongshan City	660	93.6		54.7	500	92.4		50.8
*India, Bangalore	643	90.2	4.8		502	92.8	3.2	
*India; Barshi, Paranda, and Bhum	32	78.1			15	73.3		
*India, Bhopal	106	96.2	0.0		79	94.9	0.0	
*India, Chennai	739	84.3	0.8		514	83.7	1.6	
*India, Dindigul, Ambilikkai	110	80.9	0.9		74	78.4	2.7	
*India, Karunagappally	63	84.1	3.2		65	84.6	3.1	
*India, Mizoram	113	74.3	3.5		99	87.9	2.0	
*India, Mumbai	1692	80.2	6.1		1123	82.0	6.3	
*India, New Delhi	1454	78.7	1.1		893	76.5	0.4	
*India, Poona	457	85.6	7.2		338	85.8	8.3	
*India, Sikkim State	34	91.2	2.9		19	89.5	0.0	
*India, Trivandrum	129	89.1	1.6		100	90.0	1.0	
*Iran (Islamic Republic of), Golestan Province	228	74.6	5.7	13.6	174	73.6	5.7	10.9
Israel	8239	95.0	2.6	38.3	7831	93.9	3.9	40.5
*Israel: Jews	7758	94.9	2.6		7379	93.8	3.9	
*Israel: Non–Jews	481	96.3	1.9		452	95.1	3.5	
Japan, Aichi Prefecture	2344	90.0	7.8	38.9	1666	86.9	9.8	44.4
Japan, Fukui Prefecture	1869	92.5	1.2	35.4	1486	87.5	2.8	43.2
Japan, Hiroshima	3208	94.8	4.8	24.0	2384	94.2	5.4	28.1
Japan, Miyagi Prefecture	7424	90.8	5.1	26.8	5403	86.3	8.1	34.8
Japan, Nagasaki Prefecture	4095	92.9	2.2	36.0	3399	89.6	4.4	40.0
Japan, Niigata Prefecture	7379	88.8	7.8	34.0	5501	81.7	11.9	42.4
*Japan, Osaka Prefecture	15476	83.7	8.8	48.6	11920	79.6	11.7	50.7
Japan, Saga Prefecture	1756	84.3	6.2	44.2	1409	76.4	9.8	55.2
Republic of Korea	53050	93.8	1.4	30.7	38062	91.5	2.3	35.2
Republic of Korea, Busan	3703	92.5	1.8	35.8	2666	90.5	2.1	37.9
Republic of Korea, Daegu	2579	94.6	1.2	33.0	1892	92.1	2.0	34.1
Republic of Korea, Daejeon	1496	94.5	1.1	30.2	1051	93.8	1.7	35.6
Republic of Korea, Gwangju	1411	93.6	0.4	27.8	995	89.4	1.9	35.8
Republic of Korea, Incheon	2474	96.4	0.4	33.0	1773	94.1	1.0	35.8
Republic of Korea, Jejudo	426	95.1	0.2	30.0	306	91.8	1.0	36.6
Republic of Korea, Seoul	11605	94.8	1.4	27.6	7874	93.7	1.9	31.4
Republic of Korea, Ulsan	874	95.7	0.6	26.9	658	94.2	1.8	36.6

*Important. See note on population page.

Large bowel (C18-21) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	446	96.2	0.4	28.7	320	98.1	0.6	38.1
*Kuwait: Kuwaitis	188	94.1	1.1		201	99.0	1.0	
*Kuwait: Non−Kuwaitis	258	97.7	0.0		119	96.6	0.0	
*Malaysia, Penang	555	95.0			496	94.6		
*Malaysia, Penang: Chinese	408	95.3			373	95.4		
*Malaysia, Penang: Indian	38	94.7			30	86.7		
*Malaysia, Penang: Malay	105	93.3			92	93.5		
*Philippines, Manila	2054	73.3	6.0		1957	74.9	4.6	
*Philippines, Rizal	1958	83.0	6.9		1782	81.3	6.8	
Qatar: Qatari	46	97.8	2.2	30.4	47	95.7	0.0	34.0
*Saudi Arabia, Riyadh: Saudi	576	98.1	0.5		488	96.1	1.2	
Singapore	3890	97.1	0.7	44.3	3363	95.3	1.1	44.6
Singapore: Chinese	3450	97.4	0.6	43.9	3053	95.4	1.0	44.0
Singapore: Indian	127	97.6	0.0	36.2	74	97.3	0.0	45.9
Singapore: Malay	265	92.5	1.9	47.5	214	92.5	2.8	46.3
Thailand, Bangkok	2779	88.8	1.7	33.5	2451	89.6	1.7	33.0
Thailand, Chiang Mai	563	85.8	3.9	58.4	491	87.6	3.1	57.6
Thailand, Chonburi	422	84.6	2.8	45.7	338	86.4	0.3	53.0
*Thailand, Khon Kaen	423	80.6	0.5		365	81.4	0.8	
Thailand, Lampang	367	81.5	5.2	22.6	292	80.5	4.1	12.0
*Thailand, Songkhla	341	90.0	2.3		256	90.2	2.3	
*Turkey, Antalya	594	94.8	1.2	45.5	470	91.3	1.9	45.5
*Turkey, Edirne	164	84.1	5.5		134	81.3	7.5	
*Turkey, Izmir	2023	92.0	3.4		1385	90.7	4.6	
*Turkey, Trabzon	211	88.6	1.9		151	90.7	0.7	
Europe								
Austria	13712	94.3	4.2	45.5	11404	91.8	6.2	49.9
Austria, Tyrol	1061	97.8	0.3	38.4	886	96.4	0.1	41.8
Austria, Vorarlberg	475	94.3	2.7	39.4	392	92.6	4.3	53.6
*Belarus	8771	95.7		59.2	9939	94.7		54.6
*Belgium	16847	99.5		35.7	14393	99.3		39.2
Bulgaria	11965	84.0	8.2	56.5	9552	83.2	8.7	53.7
Croatia	8140	83.1	3.6	59.7	6311	80.4	5.5	57.2
Cyprus	770	94.2	4.8	33.0	665	91.4	8.0	31.8
Czech Republic	23131	94.6	0.4	53.6	16368	91.6	0.9	55.8
Denmark	10346	97.0	0.2	48.3	9673	95.4	0.2	52.0
*Estonia	1638	95.3		56.2	1911	94.2		55.2
Finland	6232	97.4	0.5	41.7	6084	96.0	0.5	43.2
*France, Bas−Rhin	1768	99.0		43.3	1377	97.6		47.3
*France, Calvados	1043	96.6		44.3	829	93.0		47.6
*France, Doubs	818	98.3		39.9	638	96.6		48.3
*France, Haut−Rhin	1311	99.7		41.8	1025	99.1		43.0
*France, Hérault	1783	97.9		41.2	1403	97.6		44.2
*France, Isère	1722	98.1		37.0	1419	95.8		41.0
*France, Loire−Atlantique	1924	98.5		41.6	1709	98.1		44.5
*France, Manche	871	99.0		44.1	687	98.4		49.2
*France, Somme	919	98.3		46.9	744	96.2		51.9
*France, Tarn	774	97.9		42.0	640	93.8		44.2
*France, Vendée	1143	99.2		50.6	887	99.3		48.9
Germany, Brandenburg	5529	91.1	8.4	43.7	4599	87.4	11.6	47.1
Germany, Bremen	1472	96.1	2.7	33.6	1516	92.8	5.3	38.5
Germany, Free State of Saxony	9623	91.3	7.8	43.4	8605	87.3	11.1	46.9
Germany, Hamburg	2783	90.3	5.0	44.2	3093	87.8	7.0	49.9
Germany, Mecklenburg−Western Pomerania	3400	90.7	9.0	44.1	2809	87.4	11.6	45.4
Germany, Munich	8032	93.6	4.9	36.7	6999	89.4	9.0	40.3
Germany, North Rhine−Westphalia	5559	94.1	3.0	39.7	5311	91.8	4.6	44.7
Germany, Saarland	2783	97.0	2.2	39.1	2320	94.1	4.9	46.2
Germany, Schleswig−Holstein	6094	91.1	7.3	35.6	6106	88.0	9.7	37.6
Iceland	373	97.9	0.5	38.6	304	96.7	0.7	42.4
Ireland	6125	94.7	0.6	43.5	4636	92.1	1.4	43.1
Italy, Biella	467	96.4	0.4	38.1	434	93.1	3.0	44.9
Italy, Brescia	1457	93.1	0.9	41.9	1320	89.5	2.7	42.8
Italy, Catania and Messina	1644	95.1	1.2	45.6	1357	94.5	1.5	49.0
Italy, Catanzaro	401	96.5	0.2	41.4	300	91.0	1.0	43.7
Italy, Como	1164	96.6	0.3	40.0	1001	93.0	1.3	48.0
Italy, Ferrara	1290	95.7	0.2	37.9	979	93.3	0.3	39.5
Italy, Florence and Prato	1795	94.4	0.4	37.9	1544	92.3	0.3	37.1
Italy, Friuli−Venezia Giulia	3156	95.7	0.2	40.9	2564	90.5	0.5	44.3
Italy, Genoa	2055	94.0	0.2	41.5	1830	91.7	1.6	44.0
Italy, Latina	866	88.5	0.8	43.8	668	89.1	0.6	43.9
Italy, Lecco	726	93.3	0.0	35.4	557	88.0	0.0	46.0
Italy, Lombardy, South	1072	88.2	0.3	43.2	963	85.4	0.6	41.0
Italy, Mantua	625	93.1	0.8	34.6	493	88.0	0.8	41.8
Italy, Milan	2484	95.8	0.9	41.0	2236	91.4	2.2	44.9
Italy, Modena	1708	97.7	0.1	36.6	1365	96.1	0.1	37.4
Italy, Naples	624	94.9	0.8	39.1	523	94.5	0.6	40.0
Italy, Nuoro	451	95.1	0.9	47.5	302	94.4	1.3	44.0
Italy, Palermo	1515	86.7	1.5	41.0	1373	85.5	1.2	45.4
Italy, Parma	1118	96.6	0.2	35.0	867	92.2	0.1	41.5
Italy, Ragusa	503	95.0	0.6	45.0	423	93.4	1.9	47.0
Italy, Reggio Emilia	1114	95.6	0.1	34.7	895	93.7	0.2	35.8
Italy, Romagna	3299	96.8	0.6	32.6	2573	94.1	0.6	38.0
Italy, Salerno	1637	90.0	0.7	42.3	1272	87.5	1.1	41.9
Italy, Sassari	764	94.8	2.1	48.2	617	90.4	3.4	48.1
Italy, Sondrio	356	98.0	0.3	36.5	314	94.3	0.3	37.6
Italy, South Tyrol	764	98.0	0.1	39.3	613	95.6	1.0	40.3

*Important. See note on population page.

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Large bowel (C18-21) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	595	95.1	0.8	43.4	516	92.1	1.6	47.9
Italy, Trapani	486	93.6	0.0	43.0	457	90.6	0.7	47.7
Italy, Trento	754	97.7	0.1	48.5	571	96.3	0.4	47.6
Italy, Turin	2249	96.1	0.5	42.1	1969	94.5	1.3	41.6
Italy, Umbria	2384	98.5	0.0	39.8	1929	97.3	0.2	39.1
Italy, Varese	1925	95.0	0.1	40.4	1567	91.5	0.5	44.9
Italy, Veneto	4123	96.6	0.4	38.8	3366	93.6	0.8	40.0
Latvia	1937	80.8	7.1	65.5	2295	77.3	9.2	65.6
Lithuania	3672	84.3	5.1	61.2	3770	83.2	5.4	60.7
Malta	520	95.0	2.7	47.1	408	94.1	4.7	57.1
*Netherlands	29249	98.5		40.0	26203	97.5		43.4
*Netherlands, Eindhoven	2003	98.7		37.9	1756	98.5		40.8
Norway	8640	97.1	0.6	43.6	8849	95.8	0.7	45.3
Poland, Cracow	795	94.1	3.4	55.2	671	92.3	3.1	64.1
Poland, Kielce	1411	92.2	1.8	57.7	1202	89.2	3.2	57.7
Poland, Lower Silesia	3380	83.3	0.3	60.7	2881	80.6	0.3	61.0
Poland, Podkarpackie	2040	88.2	2.5	56.6	1610	82.3	5.1	59.4
Portugal, Azores	240	96.2	2.1	52.8	201	93.0	4.5	59.7
Russian Federation, Saint Petersburg	5477	79.7	0.1	75.4	8002	76.8	0.0	75.2
*Serbia, Central	7633	80.0	4.8	60.2	5484	79.1	5.9	63.3
Slovakia	9621	91.5	5.8	53.3	7004	89.6	7.3	52.6
Slovenia	3690	97.2	0.5	51.8	2877	95.2	1.1	55.5
Spain, Albacete	620	95.6	1.6	45.0	404	92.3	2.2	53.5
Spain, Asturias	2760	95.5	2.1	48.0	1793	93.4	3.1	49.0
Spain, Basque Country	5234	94.9	1.5	42.3	3115	89.4	3.0	43.2
Spain, Canary Islands	1659	96.7	1.0	43.7	1246	94.6	1.8	42.5
Spain, Ciudad Real	728	93.3	1.6	44.9	544	88.8	2.4	46.1
Spain, Cuenca	411	91.2	3.6	44.3	259	86.1	6.2	49.4
Spain, Girona	1426	93.5	2.7	42.8	920	92.1	4.5	42.5
*Spain, Granada	1274	97.3		48.3	943	95.1		49.2
Spain, La Rioja	633	95.3	0.9	48.8	434	91.2	1.2	46.1
Spain, Mallorca	1352	96.6	1.3	54.0	939	95.2	1.6	54.0
Spain, Murcia	2202	95.3	1.3	41.6	1675	94.3	1.3	42.6
Spain, Navarra	1260	95.6	0.9	40.9	837	92.8	0.8	44.4
Spain, Tarragona	1619	94.2	2.0	39.0	1031	92.7	2.0	41.8
*Sweden	14402	99.3		45.3	13635	99.1		46.9
Switzerland, Basel	734	98.1	1.6	37.6	633	97.3	2.5	37.3
Switzerland, Geneva	617	97.7	0.6	32.1	605	94.2	1.2	36.5
Switzerland, Graubünden and Glarus	378	98.4	0.3	42.3	285	94.7	0.4	38.9
Switzerland, Neuchâtel	298	97.7	0.0	37.6	274	97.1	0.4	37.2
Switzerland, St Gall−Appenzell	801	98.1	0.0	42.7	625	94.7	0.2	37.1
Switzerland, Ticino	622	98.9	0.5	30.4	527	97.0	1.7	35.7
Switzerland, Valais	453	97.4	0.2	41.7	319	93.4	0.6	43.6
Switzerland, Vaud	986	98.4	0.7	35.6	902	95.6	1.4	40.2
Switzerland, Zurich	1812	97.2	0.9	38.2	1655	96.3	1.6	40.1
Ukraine	46337	78.3	0.4	63.9	48777	76.4	0.4	59.6
UK, England	82510	90.6	1.8	42.3	69339	86.1	2.7	44.3
UK, England, East of England Region	9212	91.5	1.4	42.3	8028	86.9	1.7	43.8
UK, England, North Western	11334	87.9	0.7	42.5	9042	82.8	1.0	44.1
UK, England, Northern and Yorkshire	12129	92.0	0.7	41.7	9632	87.5	1.0	43.0
UK, England, Oxford Region	4110	92.7	1.1	41.6	3502	89.4	1.7	43.7
UK, England, South and Western Regions	12642	91.3	1.4	40.9	11318	86.8	2.7	42.9
UK, England, Thames	15085	89.9	2.8	43.5	13925	85.9	3.8	46.6
UK, England, Trent	5271	91.1	1.5	41.0	4020	86.5	1.7	42.1
UK, England, West Midlands	9491	90.4	4.1	42.4	7336	86.0	6.8	44.6
UK, Northern Ireland	2849	91.5	0.7	41.9	2302	88.2	1.3	43.6
UK, Scotland	9504	92.8	0.5	44.3	8167	89.8	0.7	45.0
UK, Wales	5881	86.7	2.1	44.0	4637	82.8	4.1	45.2
Oceania								
Australian Capital Territory	453	96.7	0.7	30.5	385	95.6	1.6	28.3
Australia, New South Wales	12481	96.0	0.7	29.2	10433	94.5	1.2	28.4
Australia, Northern Territory	197	99.0	0.0	34.5	117	95.7	0.9	31.6
Australia, Northern Territory: Indigenous	27	100.0	0.0	44.4	16	81.2	6.2	43.8
Australia, Northern Territory: Non−Indigenous	169	98.8	0.0	32.5	101	98.0	0.0	29.7
Australia, Queensland	7320	94.8	0.5	34.7	5952	92.9	0.9	34.4
South Australia	3220	94.9	0.0	29.9	2708	92.2	0.0	30.3
Australia, Tasmania	987	96.7	0.0	33.9	881	93.0	0.1	35.9
Australia, Victoria	9456	94.7	1.3	34.4	7952	92.6	2.3	34.1
Western Australia	3129	96.8	0.2	31.2	2557	94.9	0.5	31.0
New Zealand	7019	94.0	1.3	42.0	6793	92.0	2.3	44.3
New Zealand: Maori	328	93.0	1.2	45.4	290	94.5	1.4	41.4
New Zealand: Pacific Islander	96	93.8	1.0	43.8	86	95.3	1.2	54.7
New Zealand: Other	6595	94.1	1.3	41.8	6417	91.8	2.4	44.3
USA, Hawaii	1935	97.9	0.8	32.9	1544	98.0	0.5	29.7
*USA, Hawaii: Chinese	106	100.0	0.0		114	97.4	1.8	
*USA, Hawaii: Filipino	278	98.2	0.7		191	98.4	0.0	
*USA, Hawaii: Hawaiian	244	99.2	0.8		171	98.8	0.0	
*USA, Hawaii: Japanese	658	97.4	1.4		585	97.3	0.3	
*USA, Hawaii: White	533	97.6	0.4		365	98.4	1.1	

*Important. See note on population page.

Indices of data quality

Liver (C22)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	48	93.8			40	92.5		
Egypt, Gharbiah	1806	24.7	9.9	62.2	433	24.2	13.9	69.1
*Libya, Benghazi	58	17.2	32.8	86.2	44	15.9	36.4	90.9
*Malawi, Blantyre	94	35.1			49	42.9		
*South Africa, PROMEC	38	34.2			28	28.6		
*Tunisia, North	117	59.0			72	61.1		
*Uganda, Kyadondo County	177	29.9	0.0		131	29.0	0.0	
*Zimbabwe, Harare: African	199	12.1	37.7		101	13.9	34.7	
America, Central and South								
Argentina, Bahía Blanca	44	75.0	25.0	68.2	23	65.2	34.8	73.9
Argentina, Córdoba	121	59.5	31.4	93.4	96	60.4	34.4	106.2
Argentina, Mendoza	163	69.3	25.8	127.0	119	59.7	35.3	151.3
*Argentina, Tierra del Fuego	11	72.7	9.1	18.2	2	50.0	50.0	100.0
Brazil, Aracaju	40	47.5	50.0	100.0	38	31.6	60.5	100.0
Brazil, Belo Horizonte	156	59.0	37.2	84.6	102	45.1	52.0	105.9
Brazil, Cuiabá	27	70.4	29.6	129.6	20	20.0	80.0	150.0
Brazil, Fortaleza	28	85.7	0.0	417.9	19	94.7	0.0	715.8
Brazil, Goiânia	139	54.0	30.9	95.7	77	53.2	36.4	92.2
*Brazil, São Paulo	623	75.8	23.6	232.9	300	73.3	26.0	337.0
Chile, Region of Antofagasta	50	44.0	36.0	146.0	43	53.5	25.6	93.0
Chile, Bío Bío Province	35	8.6	11.4	125.7	27	11.1	14.8	163.0
Chile, Valdivia	48	35.4	22.9	102.1	39	25.6	23.1	120.5
Colombia, Bucaramanga	85	50.6	27.1	145.9	90	56.7	27.8	154.4
Colombia, Cali	178	61.2	14.0	131.5	182	60.4	13.7	133.0
Colombia, Manizales	22	72.7	22.7	213.6	19	47.4	31.6	294.7
Colombia, Pasto	28	60.7	28.6	171.4	32	46.9	40.6	137.5
Costa Rica	505	32.3	35.2	98.8	349	24.1	43.6	106.9
Cuba, Villa Clara	102	43.1	20.6	103.9	96	59.4	16.7	105.2
Ecuador, Cuenca	29	58.6	10.3	141.4	61	52.5	18.0	118.0
Ecuador, Quito	140	51.4	27.1	123.6	142	44.4	40.8	136.6
*France, Martinique	47	63.8		146.8	37	67.6		127.0
*Jamaica, Kingston and St Andrew	18	33.3			13	38.5		
USA, Puerto Rico	943	53.2	30.1	84.3	499	45.3	35.7	104.0
Uruguay	197	45.2	25.9	101.0	91	45.1	37.4	100.0
America, North								
Canada	5917	53.9	3.0	81.1	2515	50.0	4.5	108.5
Canada, Alberta	572	59.1	1.0	85.5	254	53.1	1.2	105.1
Canada, British Columbia	888	46.7	4.6	86.9	349	41.5	9.2	107.4
Canada, Manitoba	201	37.8	1.0	89.6	97	37.1	6.2	120.6
Canada, New Brunswick	94	62.8	0.0	88.3	41	68.3	0.0	136.6
Canada, Newfoundland and Labrador	50	72.0	0.0	152.0	24	83.3	0.0	183.3
*Canada, Northwest Territories	2	0.0	0.0	50.0	2	0.0	0.0	100.0
Canada, Nova Scotia	122	49.2	0.0	107.4	52	50.0	3.8	175.0
Canada, Ontario	2134	67.8	2.7	99.1	800	65.2	2.5	137.5
Canada, Prince Edward Island	24	62.5	0.0	104.2	6	83.3	0.0	166.7
*Canada, Quebec	1710	38.9	3.8	74.7	827	36.8	5.8	93.6
Canada, Saskatchewan	116	67.2	4.3	101.7	63	57.1	4.8	139.7
*Canada, Yukon	4	25.0	25.0	100.0	0	0.0	0.0	4.0
USA, NPCR (42 states)	59442	71.3	5.0	78.2	24502	70.2	6.1	100.9
USA, NPCR (42 states): American Indian	504	64.3	6.2	74.8	244	62.7	7.4	85.2
USA, NPCR (42 states): Asian and Pacific Islander	4701	68.8	2.3	67.8	1995	64.3	3.7	80.3
USA, NPCR (42 states): Black	8375	70.5	5.5	77.1	3030	73.2	5.0	97.8
USA, NPCR (42 states): White	45080	71.8	5.2	80.9	18913	70.4	6.5	105.5
USA, SEER (9 registries)	6803	69.4	3.2	72.0	2770	68.0	5.6	96.1
*USA, SEER (9 registries): Black	936	70.6	2.5		336	70.2	4.5	
*USA, SEER (9 registries): White	4443	70.0	3.7		1762	68.9	6.2	
USA, SEER (18 registries)	19854	68.1	3.0	70.6	8191	66.1	4.7	92.8
*USA, SEER (18 registries): Asian and Pacific Islander	3319	67.4	1.9		1497	62.4	3.2	
*USA, SEER (18 registries): Black	2361	69.5	3.3		893	71.3	3.9	
*USA, SEER (18 registries): Hispanic White	3324	62.4	3.3		1322	62.5	3.9	
*USA, SEER (18 registries): Non−Hispanic White	10562	70.0	3.2		4355	67.6	5.6	
*USA, SEER (18 registries): White	13886	68.2	3.2		5677	66.4	5.2	
USA, Alabama	841	72.5	7.1	96.6	372	71.2	8.1	128.8
USA, Alabama: Black	206	73.3	6.8	93.2	76	73.7	9.2	157.9
USA, Alabama: White	618	72.3	7.1	98.2	288	70.5	8.0	121.5
USA, Alaska	138	68.1	2.2	68.8	57	68.4	1.8	73.7
*USA, Alaska: American Indian	20	70.0	0.0	90.0	13	69.2	0.0	100.0
USA, Arizona	1278	63.7	6.6	77.5	511	59.5	11.4	103.3
USA, Arizona: American Indian	62	61.3	8.1	61.3	30	46.7	6.7	130.0
USA, Arizona: Asian and Pacific Islander	35	68.6	2.9	68.6	15	66.7	6.7	66.7
USA, Arizona: Black	50	56.0	6.0	60.0	12	58.3	0.0	108.3
USA, Arizona: White	1127	64.1	6.7	79.8	450	60.0	12.2	103.6
USA, Arkansas	505	76.6	6.1	107.9	209	77.0	7.2	161.7
USA, Arkansas: Black	64	78.1	6.2	110.9	25	92.0	4.0	180.0
USA, Arkansas: White	427	75.9	6.3	109.8	176	76.1	6.2	163.6
USA, California	9821	64.5	2.2	70.9	4013	63.0	2.9	92.1
USA, California: American Indian	97	58.8	2.1	70.1	26	50.0	11.5	103.8
USA, California: Asian and Pacific Islander	2313	65.5	1.7	66.9	1014	60.0	2.9	78.4
USA, California: Black	744	64.7	2.7	72.0	284	70.8	2.1	91.5
USA, California: White	6581	64.1	2.4	73.1	2651	63.6	3.0	98.6
USA, California, Los Angeles County	2607	67.2	2.8	73.5	1214	64.0	4.0	94.3
*USA, California, Los Angeles County: Asian and Pacific Islander	736	70.0	2.0		330	62.1	3.6	
*USA, California, Los Angeles County: Black	266	69.9	3.0		117	70.9	0.9	
*USA, California, Los Angeles County: Chinese	233	68.2	1.7		105	56.2	4.8	
*USA, California, Los Angeles County: Filipino	131	80.2	0.0		49	87.8	2.0	
*USA, California, Los Angeles County: Hispanic White	858	62.9	3.5		425	64.5	3.5	

*Important. See note on population page.

Liver (C22) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	48	60.4	8.3		42	59.5	0.0	
*USA, California, Los Angeles County: Korean	161	67.1	2.5		69	62.3	4.3	
*USA, California, Los Angeles County: Non−Hispanic White	734	68.4	2.7		335	63.6	5.7	
*USA, California, Los Angeles County: White	1592	65.5	3.1		760	64.1	4.5	
USA, California, San Francisco Bay Area	1519	60.8	2.8	67.9	579	59.6	3.1	91.0
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	562	60.9	1.4		229	56.3	3.1	
*USA, California, San Francisco Bay Area: Black	191	58.1	3.7		70	64.3	2.9	
*USA, California, San Francisco Bay Area: Hispanic White	212	57.1	4.2		72	55.6	4.2	
*USA, California, San Francisco Bay Area: Non−Hispanic White	537	62.9	3.4		206	63.6	2.9	
*USA, California, San Francisco Bay Area: White	749	61.3	3.6		278	61.5	3.2	
USA, Colorado	841	66.8	5.0	71.9	346	70.8	6.9	97.7
USA, Colorado: Asian and Pacific Islander	42	66.7	4.8	64.3	27	63.0	11.1	88.9
USA, Colorado: Black	53	67.9	5.7	64.2	11	63.6	0.0	100.0
USA, Colorado: White	730	66.7	5.1	74.0	296	72.3	6.8	100.7
USA, Connecticut	873	82.7	2.3	69.4	301	78.1	5.3	104.0
*USA, Connecticut: Black	92	73.9	1.1		38	76.3	2.6	
*USA, Connecticut: White	741	83.7	2.4		246	78.5	6.1	
USA, Delaware	200	76.5	5.0	80.5	57	82.5	8.8	93.0
USA, Delaware: Black	53	77.4	5.7	71.7	16	87.5	12.5	37.5
USA, Delaware: White	143	76.9	4.9	83.2	39	82.1	7.7	117.9
USA, Florida	4718	74.1	9.1	81.6	1820	73.4	9.2	98.8
USA, Florida: Asian and Pacific Islander	104	85.6	0.0	72.1	45	80.0	0.0	102.2
USA, Florida: Black	574	74.2	8.0	74.0	217	78.3	5.1	87.6
USA, Florida: White	3974	73.9	9.5	84.1	1527	72.8	10.0	102.3
USA, Georgia	1574	75.7	4.8	74.5	610	72.8	9.5	102.0
USA, Georgia: Asian and Pacific Islander	65	78.5	0.0	61.5	28	85.7	0.0	82.1
USA, Georgia: Black	448	77.0	3.8	70.5	153	73.9	7.2	107.2
USA, Georgia: White	1055	75.1	5.6	76.9	427	71.7	11.0	101.4
USA, Georgia, Atlanta	533	76.2	3.0	67.7	197	70.6	8.1	88.8
*USA, Georgia, Atlanta: Black	223	76.2	2.7		66	71.2	7.6	
*USA, Georgia, Atlanta: White	255	75.3	3.9		114	69.3	9.6	
USA, Idaho	201	70.1	10.4	90.0	91	64.8	12.1	96.7
USA, Illinois	2567	74.8	6.1	79.0	1129	73.4	7.3	106.5
USA, Illinois: Asian and Pacific Islander	131	66.4	7.6	71.8	46	71.7	6.5	91.3
USA, Illinois: Black	448	70.8	9.8	77.5	198	68.2	12.6	93.9
USA, Illinois: White	1962	76.1	5.2	80.6	871	74.4	6.1	111.8
USA, Indiana	1095	76.6	6.8	87.4	492	73.6	8.9	109.8
USA, Indiana: Black	139	73.4	8.6	90.6	49	77.6	4.1	89.8
USA, Indiana: White	947	77.1	6.5	87.2	437	72.8	9.6	113.0
USA, Iowa	485	70.1	4.1	84.9	242	66.9	6.6	108.7
USA, Kentucky	742	72.2	3.2	88.3	349	71.9	3.7	120.6
USA, Louisiana	883	70.0	5.3	90.1	317	70.0	6.3	125.6
*USA, Louisiana: Black	311	68.5	6.1		102	68.6	4.9	
*USA, Louisiana: White	546	70.7	5.1		205	71.7	7.3	
*USA, Louisiana, New Orleans	250	66.4	7.6		87	63.2	8.0	
*USA, Louisiana, New Orleans: Black	94	63.8	9.6		33	66.7	6.1	
*USA, Louisiana, New Orleans: White	146	67.8	6.8		51	62.7	9.8	
USA, Maine	251	70.9	3.2	86.1	116	70.7	8.6	107.8
USA, Massachusetts	1681	75.4	5.3	75.8	615	72.2	4.9	94.8
USA, Massachusetts: Asian and Pacific Islander	155	78.1	2.6	59.4	37	62.2	10.8	81.1
USA, Massachusetts: Black	111	64.9	7.2	78.4	34	73.5	0.0	97.1
USA, Massachusetts: White	1401	76.0	5.4	78.0	532	72.2	4.9	97.7
USA, Michigan	2098	72.6	4.0	79.3	967	69.4	3.5	100.1
USA, Michigan: Asian and Pacific Islander	51	70.6	0.0	60.8	29	75.9	3.4	96.6
USA, Michigan: Black	439	73.1	3.4	80.6	175	68.0	1.1	86.9
USA, Michigan: White	1558	72.8	4.2	80.8	750	69.6	4.1	104.4
USA, Michigan, Detroit	977	78.8	3.6	75.2	439	75.6	7.5	101.4
*USA, Michigan, Detroit: Black	317	78.2	2.2		131	71.0	5.3	
*USA, Michigan, Detroit: White	629	79.2	4.1		284	77.5	8.8	
USA, Mississippi	600	74.2	14.2	99.0	245	66.1	21.6	131.8
USA, Missouri	1304	69.9	5.4	77.2	546	68.9	5.5	103.7
USA, Missouri: Black	263	63.1	6.5	74.1	76	78.9	2.6	103.9
USA, Missouri: White	987	71.9	5.1	79.9	451	67.2	6.2	104.9
USA, Montana	128	72.7	10.2	99.2	72	72.2	11.1	105.6
USA, Montana: American Indian	15	73.3	13.3	93.3	12	75.0	0.0	83.3
USA, Nebraska	280	78.6	5.4	85.4	118	81.4	3.4	102.5
USA, Nebraska: Black	25	72.0	0.0	64.0	5	100.0	0.0	100.0
USA, Nebraska: White	242	78.5	6.2	87.6	104	82.7	2.9	107.7
USA, New Hampshire	224	69.6	5.8	89.7	77	74.0	3.9	137.7
USA, New Jersey	2063	72.2	3.4	73.2	895	65.1	6.3	94.9
*USA, New Jersey: Black	274	69.7	4.4		128	70.3	3.9	
*USA, New Jersey: White	1592	73.2	3.2		704	64.5	6.8	
USA, New Mexico	546	60.6	9.2	72.7	222	62.6	13.1	94.6
*USA, New Mexico: Hispanic White	279	59.5	10.0		87	63.2	12.6	
*USA, New Mexico: Non−Hispanic White	206	61.7	10.2		92	57.6	13.0	
*USA, New Mexico: White	485	60.4	10.1		179	60.3	12.8	
USA, New York State	5505	72.6	1.8	64.8	2262	68.7	3.2	84.5
USA, New York State: Asian and Pacific Islander	611	70.7	1.3	61.0	199	69.3	2.5	65.8
USA, New York State: Black	990	72.8	2.0	61.9	378	72.5	0.5	80.4
USA, New York State: White	3771	72.9	1.8	68.3	1632	67.9	3.9	90.1
USA, North Carolina	1657	74.1	7.2	80.7	624	69.4	11.2	110.7
USA, North Carolina: American Indian	17	58.8	5.9	76.5	6	83.3	16.7	50.0
USA, North Carolina: Asian and Pacific Islander	41	73.2	7.3	58.5	25	68.0	16.0	92.0
USA, North Carolina: Black	343	73.5	6.7	83.1	135	71.9	11.9	102.2
USA, North Carolina: White	1230	75.0	6.8	82.6	454	68.5	10.6	116.1
USA, North Dakota	91	79.1	3.3	94.5	50	78.0	6.0	128.0
USA, Ohio	1990	83.4	4.6	89.8	916	82.3	5.8	111.7
USA, Ohio: Asian and Pacific Islander	30	93.3	3.3	73.3	13	84.6	0.0	138.5
USA, Ohio: Black	385	80.0	6.0	77.9	140	87.1	4.3	92.1
USA, Ohio: White	1545	83.9	4.4	94.7	747	81.3	6.3	117.3

*Important. See note on population page.

Indices of data quality

Liver (C22) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	757	70.0	8.1	79.3	348	69.8	6.3	88.5
USA, Oklahoma: American Indian	89	69.7	4.5	60.7	51	64.7	5.9	66.7
USA, Oklahoma: Black	57	68.4	10.5	94.7	23	60.9	8.7	82.6
USA, Oklahoma: White	588	70.4	8.3	82.0	259	70.7	6.2	93.8
USA, Oregon	777	57.3	3.5	75.8	333	67.6	3.6	96.7
USA, Oregon: Asian and Pacific Islander	78	56.4	2.6	78.2	23	60.9	4.3	56.5
USA, Oregon: Black	19	57.9	5.3	73.7	5	40.0	20.0	100.0
USA, Oregon: White	651	57.3	3.7	77.9	291	69.1	3.4	103.1
USA, Pennsylvania	3182	73.2	4.9	73.5	1215	70.6	5.0	110.0
USA, Pennsylvania: Asian and Pacific Islander	88	77.3	0.0	54.5	41	70.7	2.4	58.5
USA, Pennsylvania: Black	513	65.5	5.5	65.1	153	69.3	2.0	102.0
USA, Pennsylvania: White	2522	74.6	5.1	77.5	1004	70.7	5.7	115.2
USA, Rhode Island	304	76.6	2.3	71.7	124	77.4	4.8	91.9
USA, Rhode Island: Black	20	90.0	0.0	110.0	9	88.9	11.1	33.3
USA, Rhode Island: White	264	75.4	1.9	71.2	111	76.6	4.5	96.4
USA, South Carolina	764	70.7	5.4	95.5	279	74.2	5.0	128.3
USA, South Carolina: Black	184	70.1	7.1	108.2	71	76.1	2.8	129.6
USA, South Carolina: White	567	70.7	4.9	91.9	197	73.6	5.6	128.9
USA, South Dakota	88	68.2	13.6	118.2	48	70.8	2.1	147.9
USA, Tennessee	1037	71.1	9.7	98.0	431	74.0	7.4	125.1
USA, Tennessee: Black	180	68.3	10.6	100.6	72	72.2	4.2	119.4
USA, Tennessee: White	829	71.3	9.8	98.2	346	74.0	7.8	126.6
USA, Texas	5926	71.3	4.8	76.8	2419	72.4	5.8	94.2
USA, Texas: Asian and Pacific Islander	239	69.9	4.6	79.9	114	72.8	3.5	66.7
USA, Texas: Black	801	67.2	4.7	73.5	270	71.5	4.1	100.0
USA, Texas: White	4765	72.2	4.9	79.0	1989	72.8	6.0	96.7
USA, Utah	246	69.5	1.6	83.7	98	78.6	1.0	128.6
USA, Vermont	104	77.9	6.7	74.0	38	63.2	10.5	123.7
USA, Virginia	1433	70.3	8.5	79.4	574	71.4	8.9	99.0
USA, Virginia: Asian and Pacific Islander	134	71.6	9.7	61.2	37	51.4	16.2	113.5
USA, Virginia: Black	298	65.4	10.4	90.6	118	69.5	11.9	101.7
USA, Virginia: White	971	71.6	8.0	80.5	406	73.4	7.6	100.0
USA, Washington State	1449	62.1	2.1	78.2	599	62.1	2.7	101.0
USA, Washington, Seattle	1140	61.9	1.1	71.9	466	62.0	1.9	89.7
USA, West Virginia	322	69.6	7.5	91.3	185	68.6	9.7	104.9
USA, Wisconsin	1067	70.2	10.6	85.1	514	73.3	13.4	98.1
USA, Wisconsin: Black	88	64.8	6.8	79.5	22	86.4	4.5	140.9
USA, Wisconsin: White	895	71.1	11.7	89.5	454	72.9	14.8	100.7
USA, Wyoming	74	78.4	2.7	93.2	38	63.2	5.3	115.8
Asia								
Bahrain: Bahraini	36	61.1	8.3	105.6	23	60.9	4.3	95.7
China, Beijing City	4716	35.6	0.4	95.4	1597	33.3	0.4	103.3
*China, Cixian County	448	31.7	4.0	93.5	235	26.8	3.0	91.5
China, Haining County	550	17.8	3.8	79.8	221	17.2	7.7	85.5
*China, Harbin City, Nangang District	894	51.3	3.6	91.4	336	48.2	5.7	86.9
China, Hong Kong	6503	35.6	1.8	83.7	2001	33.0	2.9	90.1
China, Jiashan County	467	28.3	1.3	93.8	202	26.7	1.0	91.6
China, Jiaxing City	353	24.9	3.4	84.4	126	16.7	7.9	85.7
China, Macao	252	43.3	8.7	90.5	84	44.0	4.8	95.2
China, Qidong County	3261	18.3	2.1	92.3	1192	14.5	2.2	89.7
*China, Shanghai City	6128	22.4	0.6	86.6	2419	20.5	0.5	88.0
*China, Wuhan City	4061	44.4		82.4	1271	39.7		91.3
*China, Yangcheng County	372	8.3		110.8	142	9.2		126.8
*China, Yanting County	1039	62.3	0.9	90.1	417	65.5	1.9	89.4
*China, Zhongshan City	1111	25.9		89.6	242	37.6		84.7
*India, Bangalore	296	75.3	17.6		110	65.5	23.6	
*India; Barshi, Paranda, and Bhum	31	90.3			10	90.0		
*India, Bhopal	44	84.1	0.0		23	95.7	0.0	
*India, Chennai	301	71.8	3.7		105	61.9	7.6	
*India, Dindigul, Ambilikkai	90	67.8	4.4		19	21.1	5.3	
*India, Karunagappally	49	36.7	2.0		12	25.0	8.3	
*India, Mizoram	111	75.7	2.7		69	82.6	0.0	
*India, Mumbai	1195	85.4	7.1		567	88.9	4.2	
*India, New Delhi	647	84.1	1.2		340	80.0	0.9	
*India, Poona	306	87.9	7.2		127	82.7	8.7	
*India, Sikkim State	77	72.7	3.9		45	64.4	4.4	
*India, Trivandrum	84	47.6	4.8		16	37.5	0.0	
*Iran (Islamic Republic of), Golestan Province	60	48.3	6.7	188.3	36	50.0	2.8	144.4
Israel	629	63.3	18.9	119.6	376	48.7	32.4	156.4
*Israel: Jews	559	63.0	19.5		341	49.0	31.1	
*Israel: Non–Jews	70	65.7	14.3		35	45.7	45.7	
Japan, Aichi Prefecture	1181	24.0	15.8	75.0	550	20.2	23.5	80.5
Japan, Fukui Prefecture	912	19.6	3.3	72.6	592	15.9	5.4	76.5
Japan, Hiroshima	1842	41.7	14.1	65.4	919	36.2	15.8	64.5
Japan, Miyagi Prefecture	1900	29.8	11.9	77.7	991	20.9	19.6	79.0
Japan, Nagasaki Prefecture	1976	34.5	14.9	86.8	998	28.9	20.2	83.0
Japan, Niigata Prefecture	1769	27.5	22.5	81.5	954	19.5	26.9	86.6
*Japan, Osaka Prefecture	11922	20.7	16.0	92.4	5689	18.6	18.8	89.0
Japan, Saga Prefecture	1484	30.9	14.2	84.2	881	21.9	19.9	88.8
Republic of Korea	55652	26.2	4.1	74.3	18479	25.0	6.2	73.0
Republic of Korea, Busan	5176	20.8	4.3	78.4	1667	21.8	5.8	78.3
Republic of Korea, Daegu	2830	28.4	3.6	31.8	908	26.9	6.1	71.9
Republic of Korea, Daejeon	1230	33.0	2.2	71.6	421	28.7	2.9	67.0
Republic of Korea, Gwangju	1547	16.3	1.7	71.3	476	13.7	4.4	70.0
Republic of Korea, Incheon	2251	25.9	1.7	77.6	779	27.9	4.1	75.7
Republic of Korea, Jejudo	633	28.1	0.0	65.1	208	23.1	1.9	69.2
Republic of Korea, Seoul	10083	26.8	4.1	70.3	3300	27.3	5.4	68.4
Republic of Korea, Ulsan	1007	28.3	3.3	71.2	324	28.7	5.6	72.2

*Important. See note on population page.

Indices of data quality

Liver (C22) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	156	53.8	1.9	100.0	43	41.9	4.7	155.8
*Kuwait: Kuwaitis	66	59.1	3.0		25	36.0	8.0	
*Kuwait: Non−Kuwaitis	90	50.0	1.1		18	50.0	0.0	
*Malaysia, Penang	187	68.4			96	70.8		
*Malaysia, Penang: Chinese	146	67.1			61	75.4		
*Malaysia, Penang: Indian	8	62.5			12	66.7		
*Malaysia, Penang: Malay	33	75.8			21	61.9		
*Philippines, Manila	1686	19.2	15.8		706	21.5	16.3	
*Philippines, Rizal	1583	42.8	19.0		663	43.0	19.3	
Qatar: Qatari	35	51.4	11.4	88.6	13	69.2	7.7	100.0
*Saudi Arabia, Riyadh: Saudi	531	39.7	4.1		242	46.7	3.3	
Singapore	1663	39.7	4.6	91.9	534	38.8	5.1	98.7
Singapore: Chinese	1451	40.7	4.4	89.9	471	38.9	4.7	97.2
Singapore: Indian	66	40.9	10.6	90.9	18	44.4	0.0	66.7
Singapore: Malay	131	26.7	3.1	103.1	40	32.5	12.5	112.5
Thailand, Bangkok	3342	37.2	11.6	78.9	1193	35.9	11.1	72.1
Thailand, Chiang Mai	1248	18.8	16.3	90.4	508	19.5	16.7	90.7
Thailand, Chonburi	561	23.5	13.9	73.8	176	24.4	12.5	91.5
*Thailand, Khon Kaen	2638	7.8	8.4		1220	8.4	7.7	
Thailand, Lampang	926	26.1	11.9	73.2	379	25.1	11.1	72.6
*Thailand, Songkhla	415	17.6	5.1		116	24.1	7.8	
*Turkey, Antalya	136	73.5	6.6	77.9	72	72.2	8.3	68.1
*Turkey, Edirne	43	48.8	27.9		26	34.6	23.1	
*Turkey, Izmir	474	58.0	7.4		208	58.7	16.3	
*Turkey, Trabzon	41	70.7	7.3		14	78.6	0.0	
Europe								
Austria	3140	72.8	16.5	81.3	1557	69.6	19.8	88.5
Austria, Tyrol	185	53.5	0.5	88.6	89	62.9	2.2	111.2
Austria, Vorarlberg	98	73.5	4.1	74.5	58	63.8	3.4	93.1
*Belarus	963	72.3		104.4	626	71.9		103.0
*Belgium	1315	84.6		123.0	608	86.0		178.9
Bulgaria	1916	36.7	34.6	141.3	1056	34.5	35.6	166.3
Croatia	1376	54.0	11.7	93.6	753	45.2	17.3	100.8
Cyprus	124	53.2	40.3	102.8	54	46.3	51.9	97.2
Czech Republic	2711	62.1	3.1	103.0	1567	55.8	3.6	113.1
Denmark	947	88.4	0.8	96.5	434	82.3	1.6	110.3
*Estonia	171	67.8		129.2	143	64.3		125.9
Finland	1192	85.6	2.2	94.0	701	73.0	2.6	117.3
*France, Bas−Rhin	547	60.3		86.3	133	50.4		124.8
*France, Calvados	404	34.4		82.2	103	35.0		107.8
*France, Doubs	217	49.8		77.9	42	54.8		123.8
*France, Haut−Rhin	248	78.2		137.9	68	80.9		195.6
*France, Hérault	439	65.4		94.8	128	60.9		135.9
*France, Isère	540	55.0		82.2	141	49.6		103.5
*France, Loire−Atlantique	931	60.4		92.1	152	52.0		131.6
*France, Manche	210	41.0		131.0	38	57.9		205.3
*France, Somme	221	61.1		98.2	78	67.9		110.3
*France, Tarn	120	61.7		84.2	45	60.0		122.2
*France, Vendée	354	72.9		135.9	48	68.8		227.1
Germany, Brandenburg	832	61.5	32.8	79.6	466	56.4	39.5	86.3
Germany, Bremen	188	64.9	22.9	86.7	94	60.6	16.0	141.5
Germany, Free State of Saxony	1753	64.3	28.6	78.7	779	51.0	40.3	92.4
Germany, Hamburg	483	88.0	11.0	64.0	291	84.2	12.4	64.3
Germany, Mecklenburg−Western Pomerania	566	58.8	32.3	86.2	291	53.6	37.5	93.1
Germany, Munich	1334	65.1	31.7	83.6	512	59.0	38.1	94.7
Germany, North Rhine−Westphalia	652	71.5	12.1	81.6	300	62.0	13.7	104.0
Germany, Saarland	394	69.3	20.6	91.1	207	61.4	25.1	99.0
Germany, Schleswig−Holstein	686	57.1	28.7	73.8	339	44.8	36.6	95.3
Iceland	33	69.7	0.0	97.0	16	68.8	0.0	81.2
Ireland	460	52.2	3.7	104.1	250	48.0	5.6	162.4
Italy, Biella	144	36.8	0.7	75.7	69	27.5	5.8	95.7
Italy, Brescia	895	44.2	1.9	71.8	375	36.5	8.3	79.7
Italy, Catania and Messina	411	30.7	5.1	104.6	210	29.0	14.3	143.8
Italy, Catanzaro	129	41.1	3.1	82.2	54	29.6	1.9	127.8
Italy, Como	463	39.7	2.4	82.5	198	28.3	6.6	99.0
Italy, Ferrara	296	32.1	1.7	81.8	174	28.7	2.9	83.9
Italy, Florence and Prato	346	42.2	2.0	92.5	179	27.9	2.2	112.8
Italy, Friuli−Venezia Giulia	1078	46.3	0.6	75.2	449	39.9	0.7	85.3
Italy, Genoa	489	39.5	2.2	78.9	288	30.9	6.6	86.8
Italy, Latina	180	33.3	1.1	98.9	97	20.6	4.1	123.7
Italy, Lecco	296	22.6	0.0	85.5	141	22.0	0.0	82.3
Italy, Lombardy, South	543	63.5	1.3	70.0	295	54.6	1.4	73.2
Italy, Mantua	175	52.0	1.7	78.3	89	36.0	1.1	83.1
Italy, Milan	849	49.8	3.4	78.3	432	37.3	7.2	85.0
Italy, Modena	386	47.7	0.8	76.9	202	36.1	0.5	80.7
Italy, Naples	607	39.5	1.5	59.8	313	26.8	3.2	68.7
Italy, Nuoro	231	31.6	3.0	70.1	84	23.8	3.6	91.7
Italy, Palermo	622	23.6	2.6	93.2	349	18.3	5.4	107.4
Italy, Parma	479	37.8	0.2	74.1	286	39.5	0.0	79.0
Italy, Ragusa	194	18.0	3.6	85.7	98	12.2	8.2	79.1
Italy, Reggio Emilia	250	34.8	0.4	76.8	130	26.2	3.1	86.2
Italy, Romagna	506	42.3	3.4	70.9	233	39.1	1.7	79.4
Italy, Salerno	567	47.4	4.8	91.5	311	39.9	10.6	96.5
Italy, Sassari	302	50.3	6.0	84.8	160	38.1	9.4	101.2
Italy, Sondrio	191	39.8	0.0	89.0	37	27.0	0.0	137.8
Italy, South Tyrol	256	37.1	2.3	70.7	75	38.7	1.3	69.3

*Important. See note on population page.

Indices of data quality

Liver (C22) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	255	25.1	1.2	82.0	120	16.7	8.3	105.0
Italy, Trapani	139	20.9	0.7	105.8	84	20.2	3.6	127.4
Italy, Trento	296	52.0	2.7	81.8	83	36.1	7.2	128.9
Italy, Turin	606	34.3	2.3	82.2	303	31.0	6.3	93.7
Italy, Umbria	489	80.0	0.0	90.8	271	73.4	0.7	90.4
Italy, Varese	516	42.1	2.3	87.0	224	38.8	4.0	96.4
Italy, Veneto	1469	42.9	1.8	77.1	646	37.9	4.0	83.1
Latvia	337	22.6	32.3	99.7	222	28.8	30.6	100.0
Lithuania	470	60.6	14.5	96.4	311	56.3	15.1	106.1
Malta	38	81.6	15.8	115.8	22	86.4	13.6	118.2
*Netherlands	1299	72.0		138.5	567	77.1		191.5
*Netherlands, Eindhoven	65	75.4		160.0	32	68.8		196.9
Norway	421	76.7	2.4	92.6	240	71.2	2.1	128.3
Poland, Cracow	103	75.7	4.9	100.0	70	61.4	14.3	72.9
Poland, Kielce	103	47.6	13.6	146.6	94	46.8	11.7	158.5
Poland, Lower Silesia	292	38.7	1.4	130.8	297	37.0	1.3	124.9
Poland, Podkarpackie	228	31.1	18.9	87.3	229	23.1	21.4	89.1
Portugal, Azores	43	30.2	9.3	104.7	17	35.3	11.8	147.1
Russian Federation, Saint Petersburg	673	31.9	0.0	121.8	545	25.0	0.0	127.9
*Serbia, Central	1265	58.7	17.9	120.6	881	60.5	18.3	117.3
Slovakia	1052	58.8	28.4	101.5	619	52.8	31.2	114.2
Slovenia	526	59.3	1.5	93.3	234	53.8	8.5	121.8
Spain, Albacete	124	35.5	5.6	91.9	63	27.0	9.5	96.8
Spain, Asturias	548	56.4	8.4	91.6	199	48.2	12.6	108.0
Spain, Basque Country	1198	39.6	3.9	64.5	405	30.9	9.9	91.1
Spain, Canary Islands	408	48.3	5.1	90.0	154	33.1	7.8	114.3
Spain, Ciudad Real	132	52.3	5.3	101.5	68	42.6	5.9	120.6
Spain, Cuenca	62	45.2	12.9	98.4	29	34.5	13.8	117.2
Spain, Girona	296	42.9	7.8	67.2	105	37.1	20.0	93.3
*Spain, Granada	254	33.1		117.3	116	25.0		146.6
Spain, La Rioja	140	35.0	2.1	88.6	56	23.2	7.1	92.9
Spain, Mallorca	281	43.8	3.6	112.1	114	35.1	6.1	130.1
Spain, Murcia	368	60.9	8.7	85.3	165	52.7	8.5	84.8
Spain, Navarra	217	53.0	3.2	83.4	89	53.9	5.6	109.0
Spain, Tarragona	269	49.8	6.7	68.0	109	40.4	10.1	90.8
*Sweden	1465	95.0		127.0	859	94.5		144.9
Switzerland, Basel	114	87.7	11.4	97.4	28	75.0	21.4	128.6
Switzerland, Geneva	214	47.7	1.9	75.2	66	42.4	1.5	69.7
Switzerland, Graubünden and Glarus	71	60.6	1.4	67.6	22	50.0	9.1	104.5
Switzerland, Neuchâtel	76	43.4	2.6	103.9	17	41.2	11.8	164.7
Switzerland, St Gall−Appenzell	132	65.9	0.8	75.8	48	77.1	0.0	114.6
Switzerland, Ticino	205	46.8	2.9	84.9	64	39.1	9.4	90.6
Switzerland, Valais	178	45.5	2.2	81.5	32	59.4	6.2	109.4
Switzerland, Vaud	293	61.1	5.5	73.7	85	62.4	7.1	97.6
Switzerland, Zurich	314	67.5	2.5	83.8	161	68.9	2.5	98.8
Ukraine	5117	32.8	5.0	102.5	3706	35.2	4.2	93.8
UK, England	8150	43.5	7.9	85.3	4943	40.6	8.0	93.3
UK, England, East of England Region	735	48.4	5.2	89.3	421	40.6	4.8	110.2
UK, England, North Western	1250	38.2	4.2	79.6	863	37.2	2.2	81.7
UK, England, Northern and Yorkshire	1158	42.1	2.8	87.7	738	36.7	1.4	93.2
UK, England, Oxford Region	360	50.6	6.7	87.2	230	42.2	6.1	91.7
UK, England, South and Western Regions	1213	43.1	6.2	83.1	678	40.0	6.6	91.4
UK, England, Thames	1812	45.8	9.2	90.8	995	47.2	10.7	99.4
UK, England, Trent	508	49.2	5.3	68.5	313	47.9	6.7	87.5
UK, England, West Midlands	857	37.3	23.7	88.0	514	34.0	27.4	97.3
UK, Northern Ireland	219	45.2	3.2	96.8	120	43.3	5.0	151.7
UK, Scotland	1120	42.3	1.9	90.4	607	39.7	1.0	105.1
UK, Wales	535	49.9	9.5	83.2	361	48.8	6.9	95.6
Oceania								
Australian Capital Territory	44	54.5	2.3	95.5	17	29.4	0.0	135.3
Australia, New South Wales	1379	56.0	3.4	80.9	634	53.3	5.0	99.7
Australia, Northern Territory	24	54.2	0.0	104.2	10	50.0	10.0	110.0
Australia, Northern Territory: Indigenous	9	44.4	0.0	122.2	6	33.3	16.7	83.3
Australia, Northern Territory: Non−Indigenous	15	60.0	0.0	86.7	4	75.0	0.0	150.0
Australia, Queensland	638	41.4	2.2	70.2	254	48.8	3.1	72.4
South Australia	299	47.5	0.0	90.3	121	46.3	0.0	115.7
Australia, Tasmania	69	50.7	0.0	98.6	35	34.3	0.0	151.4
Australia, Victoria	1051	50.5	4.5	83.4	439	46.7	6.2	100.9
Western Australia	336	52.7	0.3	83.0	127	51.2	0.8	113.4
New Zealand	738	48.2	9.9	79.7	328	42.7	11.3	86.9
New Zealand: Maori	165	46.1	10.3	71.5	52	50.0	5.8	63.5
New Zealand: Pacific Islander	87	42.5	11.5	85.1	28	42.9	14.3	82.1
New Zealand: Other	486	50.0	9.5	81.5	248	41.1	12.1	92.3
USA, Hawaii	484	72.3	4.3	68.4	226	73.0	7.1	81.9
*USA, Hawaii: Chinese	42	76.2	2.4		23	73.9	8.7	
*USA, Hawaii: Filipino	64	78.1	6.2		26	73.1	3.8	
*USA, Hawaii: Hawaiian	82	65.9	3.7		33	75.8	6.1	
*USA, Hawaii: Japanese	112	75.0	6.2		83	74.7	6.0	
*USA, Hawaii: White	110	68.2	3.6		27	70.4	11.1	

*Important. See note on population page.

Indices of data quality

Pancreas (C25)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	21	100.0			21	95.2		
Egypt, Gharbiah	311	40.8	5.5	55.9	148	39.2	4.7	58.1
*Libya, Benghazi	64	26.6	12.5	71.9	37	29.7	18.9	78.4
*Malawi, Blantyre	1	100.0			5	20.0		
*South Africa, PROMEC	5	0.0			11	18.2		
*Tunisia, North	169	52.1			87	50.6		
*Uganda, Kyadondo County	30	6.7	0.0		25	20.0	0.0	
*Zimbabwe, Harare: African	36	22.2	22.2		41	14.6	43.9	
America, Central and South								
Argentina, Bahía Blanca	60	50.0	50.0	90.0	90	44.4	55.6	100.0
Argentina, Córdoba	197	51.8	34.5	114.2	230	40.4	46.5	124.3
Argentina, Mendoza	310	46.5	38.4	101.9	344	40.1	43.9	100.3
*Argentina, Tierra del Fuego	14	57.1	7.1	64.3	8	50.0	0.0	75.0
Brazil, Aracaju	18	44.4	38.9	83.3	49	49.0	44.9	87.8
Brazil, Belo Horizonte	155	43.9	48.4	90.3	164	41.5	48.2	90.2
Brazil, Cuiabá	29	51.7	37.9	120.7	41	34.1	48.8	112.2
Brazil, Fortaleza	88	62.5	33.0	113.6	127	48.8	41.7	95.3
Brazil, Goiânia	106	62.3	24.5	100.0	109	59.6	32.1	89.0
*Brazil, São Paulo	1138	48.8	33.4	120.4	1324	47.1	32.9	118.3
Chile, Region of Antofagasta	59	28.8	40.7	128.8	57	31.6	45.6	91.2
Chile, Bío Bío Province	52	3.8	5.8	82.7	48	14.6	16.7	106.2
Chile, Valdivia	53	35.8	17.0	105.7	50	34.0	14.0	112.0
Colombia, Bucaramanga	35	34.3	42.9	174.3	69	21.7	37.7	144.9
Colombia, Cali	165	46.7	15.2	105.5	203	45.8	14.3	94.6
Colombia, Manizales	26	42.3	38.5	150.0	26	50.0	19.2	157.7
Colombia, Pasto	35	20.0	34.3	80.0	53	24.5	28.3	98.1
Costa Rica	402	32.3	27.1	100.0	373	33.5	27.9	108.0
Cuba, Villa Clara	127	38.6	15.0	107.1	114	36.0	13.2	85.1
Ecuador, Cuenca	30	33.3	23.3	123.3	42	38.1	9.5	119.0
Ecuador, Quito	90	31.1	33.3	93.3	137	38.0	32.1	92.7
*France, Martinique	82	67.1		91.5	73	54.8		119.2
*Jamaica, Kingston and St Andrew	34	35.3			43	32.6		
USA, Puerto Rico	513	58.5	23.8	103.6	503	58.4	22.9	97.2
Uruguay	623	30.0	34.5	100.6	641	27.8	37.8	91.9
America, North								
Canada	9046	58.2	3.6	95.0	9474	50.8	5.4	94.5
Canada, Alberta	821	63.0	0.2	88.8	860	55.6	0.8	93.1
Canada, British Columbia	1221	60.9	4.2	100.4	1255	56.0	6.9	97.8
Canada, Manitoba	355	49.0	1.4	91.5	346	43.6	3.5	92.5
Canada, New Brunswick	293	61.1	0.0	88.7	285	50.5	0.0	90.2
Canada, Newfoundland and Labrador	94	73.4	1.1	148.9	58	67.2	3.4	186.2
*Canada, Northwest Territories	8	87.5	0.0	100.0	4	75.0	0.0	75.0
Canada, Nova Scotia	308	49.4	2.3	110.1	334	44.3	2.4	96.4
Canada, Ontario	3029	63.7	4.3	103.0	3184	54.9	7.8	102.3
Canada, Prince Edward Island	49	75.5	0.0	87.8	43	53.5	0.0	79.1
*Canada, Quebec	2563	49.1	4.4	89.2	2751	43.1	4.9	88.6
Canada, Saskatchewan	300	64.3	4.7	95.7	350	52.3	4.3	85.7
*Canada, Yukon	5	100.0	0.0	140.0	4	100.0	0.0	100.0
USA, NPCR (42 states)	77969	80.2	4.2	91.9	78923	74.2	5.2	92.3
USA, NPCR (42 states): American Indian	314	77.4	4.5	93.9	352	77.0	4.8	81.5
USA, NPCR (42 states): Asian and Pacific Islander	1465	80.9	2.0	95.5	1658	77.7	2.6	93.0
USA, NPCR (42 states): Black	8694	78.8	4.9	91.5	10162	75.7	5.0	90.3
USA, NPCR (42 states): White	66830	80.3	4.2	92.8	66214	73.9	5.3	93.4
USA, SEER (9 registries)	8204	80.9	3.0	87.8	8316	74.9	4.0	89.4
*USA, SEER (9 registries): Black	851	82.1	2.0		995	77.7	2.7	
*USA, SEER (9 registries): White	6640	81.1	3.1		6581	74.7	4.2	
USA, SEER (18 registries)	22814	79.7	2.5	84.7	23485	73.6	3.4	85.5
*USA, SEER (18 registries): Asian and Pacific Islander	1382	79.2	2.5		1457	76.0	2.7	
*USA, SEER (18 registries): Black	2460	79.1	2.6		2911	73.8	3.3	
*USA, SEER (18 registries): Hispanic White	1901	81.8	2.4		2102	76.3	3.2	
*USA, SEER (18 registries): Non−Hispanic White	16887	79.6	2.5		16810	73.0	3.4	
*USA, SEER (18 registries): White	18788	79.9	2.5		18912	73.3	3.4	
USA, Alabama	1379	83.8	2.9	94.9	1293	78.0	5.6	103.1
USA, Alabama: Black	307	81.1	3.9	92.5	332	80.1	5.1	95.8
USA, Alabama: White	1064	84.6	2.6	95.9	944	77.4	5.6	106.6
USA, Alaska	140	77.9	2.9	85.0	117	76.9	5.1	81.2
*USA, Alaska: American Indian	26	76.9	0.0	88.5	25	80.0	0.0	76.0
USA, Arizona	1613	73.3	8.1	95.6	1456	68.8	8.9	90.3
USA, Arizona: American Indian	33	60.6	6.1	112.1	30	76.7	3.3	90.0
USA, Arizona: Asian and Pacific Islander	13	61.5	15.4	130.8	11	54.5	9.1	145.5
USA, Arizona: Black	40	72.5	7.5	97.5	51	84.3	2.0	72.5
USA, Arizona: White	1524	73.7	8.1	95.1	1363	68.2	9.2	90.6
USA, Arkansas	826	77.8	5.6	101.7	795	76.0	7.2	105.0
USA, Arkansas: Black	114	76.3	6.1	105.3	126	73.0	10.3	100.0
USA, Arkansas: White	706	78.0	5.4	101.4	664	76.5	6.6	105.9
USA, California	8998	79.2	1.8	91.0	9406	72.9	2.2	91.1
USA, California: American Indian	27	81.5	0.0	155.6	36	77.8	2.8	88.9
USA, California: Asian and Pacific Islander	788	79.7	1.5	91.8	875	77.1	1.6	93.1
USA, California: Black	645	78.6	2.6	90.5	791	71.6	2.8	91.9
USA, California: White	7447	79.2	1.8	91.9	7634	72.4	2.2	91.6
USA, California, Los Angeles County	2161	79.5	2.5	93.1	2442	74.4	3.1	92.8
*USA, California, Los Angeles County: Asian and Pacific Islander	294	80.6	2.0		299	81.3	0.7	
*USA, California, Los Angeles County: Black	264	76.9	3.8		353	74.2	2.5	
*USA, California, Los Angeles County: Chinese	79	79.7	2.5		69	75.4	0.0	
*USA, California, Los Angeles County: Filipino	50	82.0	0.0		70	84.3	1.4	
*USA, California, Los Angeles County: Hispanic White	463	82.1	2.8		543	76.8	3.7	

*Important. See note on population page.

Pancreas (C25) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	55	72.7	1.8		63	84.1	0.0	
*USA, California, Los Angeles County: Korean	62	83.9	4.8		54	85.2	1.9	
*USA, California, Los Angeles County: Non−Hispanic White	1131	78.7	2.2		1236	71.8	3.6	
*USA, California, Los Angeles County: White	1594	79.7	2.4		1779	73.4	3.7	
USA, California, San Francisco Bay Area	1203	78.1	2.7	87.8	1270	68.8	3.5	93.6
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	183	82.5	2.2		184	73.4	2.2	
*USA, California, San Francisco Bay Area: Black	118	71.2	1.7		168	61.9	4.2	
*USA, California, San Francisco Bay Area: Hispanic White	100	78.0	1.0		129	69.0	3.1	
*USA, California, San Francisco Bay Area: Non−Hispanic White	793	78.1	3.3		775	69.0	3.9	
*USA, California, San Francisco Bay Area: White	893	78.1	3.0		904	69.0	3.8	
USA, Colorado	1090	82.3	4.4	90.1	1092	75.5	5.6	89.8
USA, Colorado: Asian and Pacific Islander	13	84.6	0.0	107.7	17	82.4	5.9	94.1
USA, Colorado: Black	52	84.6	3.8	75.0	40	77.5	5.0	85.0
USA, Colorado: White	1018	82.3	4.4	91.2	1030	75.4	5.5	89.8
USA, Connecticut	1302	87.5	2.9	88.1	1327	83.3	3.4	88.1
*USA, Connecticut: Black	111	89.2	0.9		105	83.8	0.0	
*USA, Connecticut: White	1179	87.4	3.1		1203	83.3	3.6	
USA, Delaware	256	85.5	2.3	86.7	286	76.9	8.0	86.7
USA, Delaware: Black	35	82.9	2.9	74.3	48	79.2	8.3	81.2
USA, Delaware: White	219	86.3	2.3	89.5	235	76.2	8.1	88.1
USA, Florida	6634	78.7	6.9	90.2	6252	73.6	8.0	90.4
USA, Florida: Asian and Pacific Islander	24	87.5	0.0	162.5	42	92.9	0.0	116.7
USA, Florida: Black	598	75.9	6.7	87.6	639	76.8	5.2	88.1
USA, Florida: White	5926	78.9	7.1	91.4	5490	73.1	8.5	91.7
USA, Georgia	2192	79.3	3.1	91.7	2172	70.6	6.5	91.9
USA, Georgia: Asian and Pacific Islander	18	94.4	0.0	100.0	17	88.2	0.0	88.2
USA, Georgia: Black	577	77.6	2.1	86.7	677	72.5	5.8	88.8
USA, Georgia: White	1585	79.8	3.5	93.8	1473	69.5	6.9	93.4
USA, Georgia, Atlanta	613	86.1	1.8	88.3	613	74.6	6.2	90.9
*USA, Georgia, Atlanta: Black	194	83.5	1.5		229	77.3	4.8	
*USA, Georgia, Atlanta: White	397	87.2	2.0		376	72.6	7.2	
USA, Idaho	426	71.6	10.1	85.0	404	71.3	5.9	96.8
USA, Illinois	3975	81.6	3.4	86.9	4076	75.5	4.1	90.0
USA, Illinois: Asian and Pacific Islander	64	89.1	1.6	90.6	53	71.7	5.7	96.2
USA, Illinois: Black	595	79.0	6.2	91.8	669	78.8	7.3	85.5
USA, Illinois: White	3282	81.8	2.9	86.8	3346	74.8	3.4	91.0
USA, Indiana	1858	81.6	3.8	96.3	1892	75.5	5.3	93.7
USA, Indiana: Black	145	84.8	4.8	96.6	173	76.3	5.8	96.0
USA, Indiana: White	1703	81.4	3.7	96.7	1707	75.3	5.2	93.7
USA, Iowa	959	81.3	3.2	89.9	1007	70.6	4.7	90.6
USA, Kentucky	1258	77.1	2.3	92.8	1287	69.0	2.5	91.6
USA, Louisiana	1083	74.7	3.2	92.3	1168	69.6	4.1	92.2
*USA, Louisiana: Black	309	71.8	4.9		382	67.8	3.7	
*USA, Louisiana: White	772	75.8	2.6		775	70.2	4.4	
*USA, Louisiana, New Orleans	221	77.4	6.3		209	78.5	7.7	
*USA, Louisiana, New Orleans: Black	67	74.6	10.4		89	78.7	7.9	
*USA, Louisiana, New Orleans: White	152	78.3	4.6		118	78.0	7.6	
USA, Maine	477	79.7	2.7	92.5	488	74.8	2.7	91.4
USA, Massachusetts	2073	80.0	4.5	95.3	2259	73.1	5.6	94.7
USA, Massachusetts: Asian and Pacific Islander	24	79.2	4.2	91.7	38	84.2	5.3	86.8
USA, Massachusetts: Black	80	77.5	6.2	102.5	97	78.4	1.0	90.7
USA, Massachusetts: White	1961	80.1	4.4	95.4	2117	72.7	5.9	95.2
USA, Michigan	3346	77.5	2.5	91.2	3262	73.5	2.5	88.9
USA, Michigan: Asian and Pacific Islander	15	80.0	0.0	100.0	24	75.0	4.2	79.2
USA, Michigan: Black	459	76.9	2.0	86.5	528	79.9	0.9	79.5
USA, Michigan: White	2840	77.7	2.5	92.5	2688	72.1	2.8	91.2
USA, Michigan, Detroit	1457	84.0	3.4	83.7	1478	80.6	3.5	84.2
*USA, Michigan, Detroit: Black	358	83.8	2.2		411	84.7	1.5	
*USA, Michigan, Detroit: White	1085	84.2	3.7		1046	79.1	4.3	
USA, Mississippi	836	76.3	8.6	98.2	837	70.1	11.0	99.8
USA, Missouri	1863	78.8	4.2	92.6	1943	72.0	3.9	90.7
USA, Missouri: Black	223	87.9	3.6	88.3	222	77.5	3.2	91.4
USA, Missouri: White	1616	77.4	4.3	94.1	1701	71.1	4.1	91.1
USA, Montana	316	76.9	8.5	93.7	290	67.6	10.3	90.7
USA, Montana: American Indian	11	81.8	0.0	100.0	13	84.6	7.7	61.5
USA, Nebraska	529	83.9	3.4	93.0	496	73.4	2.6	92.1
USA, Nebraska: Black	15	86.7	6.7	93.3	26	80.8	0.0	76.9
USA, Nebraska: White	506	83.8	3.4	93.7	461	73.1	2.8	93.7
USA, New Hampshire	384	79.7	2.6	94.5	450	74.9	2.9	97.3
USA, New Jersey	2869	83.2	2.4	88.0	2995	76.9	3.7	89.8
*USA, New Jersey: Black	310	81.6	2.3		362	76.2	2.5	
*USA, New Jersey: White	2459	83.4	2.2		2553	77.0	3.8	
USA, New Mexico	510	71.0	9.6	95.5	506	67.4	11.9	97.0
*USA, New Mexico: Hispanic White	165	75.8	7.9		162	64.8	13.0	
*USA, New Mexico: Non−Hispanic White	309	68.3	11.0		302	68.5	12.6	
*USA, New Mexico: White	474	70.9	9.9		464	67.2	12.7	
USA, New York State	6340	81.6	2.1	84.4	6994	74.9	3.1	85.1
USA, New York State: Asian and Pacific Islander	144	81.9	1.4	105.6	179	78.2	1.7	85.5
USA, New York State: Black	787	81.8	1.9	79.8	998	78.3	1.6	80.3
USA, New York State: White	5336	81.4	2.1	85.6	5763	74.1	3.4	86.7
USA, North Carolina	2491	81.8	5.4	95.7	2619	74.6	5.6	93.1
USA, North Carolina: American Indian	9	66.7	11.1	122.2	16	68.8	0.0	87.5
USA, North Carolina: Asian and Pacific Islander	7	85.7	14.3	157.1	6	100.0	0.0	166.7
USA, North Carolina: Black	535	79.6	6.7	95.0	640	74.8	4.7	95.3
USA, North Carolina: White	1928	82.5	4.9	96.1	1938	74.7	5.7	93.1
USA, North Dakota	210	81.0	3.8	90.0	209	70.8	5.7	99.5
USA, Ohio	3547	84.5	3.5	96.4	3602	80.6	3.9	97.5
USA, Ohio: Asian and Pacific Islander	18	88.9	0.0	88.9	13	92.3	0.0	100.0
USA, Ohio: Black	403	84.4	5.5	96.8	439	81.3	4.8	96.1
USA, Ohio: White	3093	84.4	3.3	97.3	3126	80.5	3.9	98.5

*Important. See note on population page.

Indices of data quality

Pancreas (C25) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	1051	76.3	4.6	92.0	1049	73.4	4.4	87.9
USA, Oklahoma: American Indian	68	73.5	5.9	61.8	84	81.0	4.8	63.1
USA, Oklahoma: Black	64	76.6	0.0	98.4	95	77.9	2.1	85.3
USA, Oklahoma: White	908	76.4	4.8	94.3	858	71.8	4.7	91.0
USA, Oregon	1100	72.5	2.5	98.0	1141	66.1	3.5	96.5
USA, Oregon: Asian and Pacific Islander	22	72.7	9.1	104.5	23	60.9	0.0	87.0
USA, Oregon: Black	14	71.4	0.0	92.9	18	61.1	5.6	88.9
USA, Oregon: White	1041	72.0	2.4	99.1	1079	66.1	3.4	97.9
USA, Pennsylvania	4583	83.0	3.6	92.4	4813	73.3	5.2	93.2
USA, Pennsylvania: Asian and Pacific Islander	25	84.0	0.0	92.0	24	83.3	0.0	62.5
USA, Pennsylvania: Black	373	80.4	5.1	88.7	500	73.4	5.4	88.4
USA, Pennsylvania: White	4150	83.2	3.5	93.5	4259	73.1	5.2	94.5
USA, Rhode Island	324	82.7	2.8	88.9	354	74.3	6.8	96.9
USA, Rhode Island: Black	10	90.0	10.0	130.0	11	100.0	0.0	100.0
USA, Rhode Island: White	307	82.7	2.6	87.9	338	73.4	7.1	97.3
USA, South Carolina	1314	80.0	5.0	90.6	1275	74.5	5.3	93.6
USA, South Carolina: Black	346	77.2	4.9	94.8	346	73.1	6.9	100.6
USA, South Carolina: White	955	81.2	5.1	89.5	919	75.1	4.8	91.7
USA, South Dakota	226	75.7	7.1	97.3	245	71.0	4.9	101.2
USA, Tennessee	1707	77.9	10.4	99.5	1650	72.8	10.6	101.2
USA, Tennessee: Black	226	69.5	15.0	95.6	269	70.6	10.4	94.1
USA, Tennessee: White	1465	78.9	9.8	100.6	1373	73.3	10.6	103.1
USA, Texas	5527	81.2	6.2	88.4	5296	75.2	8.9	89.0
USA, Texas: Asian and Pacific Islander	55	83.6	3.6	107.3	67	82.1	4.5	101.5
USA, Texas: Black	656	76.8	8.2	93.0	733	74.5	8.6	89.4
USA, Texas: White	4748	81.8	6.0	88.7	4432	75.2	9.0	89.9
USA, Utah	457	82.9	0.2	89.1	445	78.0	0.9	91.2
USA, Vermont	185	86.5	2.7	89.2	209	77.5	3.8	81.8
USA, Virginia	2080	80.3	5.5	97.7	2153	72.8	8.2	96.0
USA, Virginia: Asian and Pacific Islander	38	76.3	7.9	107.9	50	78.0	12.0	72.0
USA, Virginia: Black	406	80.0	4.7	100.7	502	74.3	7.4	97.0
USA, Virginia: White	1605	80.3	5.7	98.4	1570	72.0	8.5	98.2
USA, Washington State	1812	76.2	1.7	92.1	1834	71.1	2.4	90.5
USA, Washington, Seattle	1244	76.1	1.0	87.8	1239	72.2	1.2	87.9
USA, West Virginia	605	73.2	4.1	90.6	556	67.1	4.9	86.9
USA, Wisconsin	1747	81.6	8.6	92.6	1696	76.2	9.4	95.9
USA, Wisconsin: Black	74	86.5	8.1	91.9	70	85.7	1.4	95.7
USA, Wisconsin: White	1608	81.8	8.8	95.6	1569	77.0	10.0	98.0
USA, Wyoming	131	79.4	0.8	110.7	133	75.2	1.5	114.3
Asia								
Bahrain: Bahraini	35	65.7	14.3	111.4	22	45.5	18.2	118.2
China, Beijing City	1426	46.4	0.1	96.0	1155	43.1	0.4	99.8
*China, Cixian County	32	68.8	3.1	84.4	27	74.1	0.0	85.2
China, Haining County	162	34.0	2.5	77.2	136	28.7	4.4	87.5
*China, Harbin City, Nangang District	219	47.5	3.7	91.3	165	47.3	4.8	92.7
China, Hong Kong	1162	40.7	3.3	90.9	940	36.3	4.3	93.1
China, Jiashan County	147	40.8	0.7	89.8	111	42.3	0.0	89.2
China, Jiaxing City	100	40.0	3.0	93.0	89	39.3	5.6	86.5
China, Macao	43	55.8	7.0	134.9	24	37.5	12.5	112.5
China, Qidong County	313	21.7	3.5	92.7	229	15.3	2.2	88.2
*China, Shanghai City	2100	24.6	0.3	94.9	1901	21.7	0.3	96.8
*China, Wuhan City	662	51.8		82.8	550	49.1		81.6
*China, Yangcheng County	13	92.3		61.5	18	88.9		100.0
*China, Yanting County	35	97.1	0.0	62.9	13	100.0	0.0	61.5
*China, Zhongshan City	106	35.8		86.8	84	29.8		97.6
*India, Bangalore	126	65.1	11.1		87	73.6	11.5	
*India; Barshi, Paranda, and Bhum	9	55.6			6	50.0		
*India, Bhopal	28	64.3	0.0		18	61.1	0.0	
*India, Chennai	167	50.3	2.4		103	54.4	1.9	
*India, Dindigul, Ambilikkai	35	57.1	0.0		20	70.0	0.0	
*India, Karunagappally	24	25.0	0.0		16	37.5	0.0	
*India, Mizoram	32	18.8	3.1		33	15.2	6.1	
*India, Mumbai	566	59.5	14.7		326	55.5	20.9	
*India, New Delhi	461	72.2	2.4		255	69.4	1.2	
*India, Poona	139	66.2	12.9		92	70.7	15.2	
*India, Sikkim State	13	15.4	7.7		5	60.0	0.0	
*India, Trivandrum	43	58.1	2.3		30	60.0	0.0	
*Iran (Islamic Republic of), Golestan Province	48	16.7	8.3	22.9	17	35.3	11.8	35.3
Israel	1658	57.3	19.2	104.6	1635	53.7	23.4	100.9
*Israel: Jews	1563	56.4	19.5		1564	53.1	23.8	
*Israel: Non–Jews	95	71.6	14.7		71	66.2	14.1	
Japan, Aichi Prefecture	566	54.6	15.7	85.2	424	47.2	21.2	84.7
Japan, Fukui Prefecture	514	32.5	3.1	83.1	476	25.4	7.6	88.9
Japan, Hiroshima	531	87.9	10.2	81.0	513	82.5	16.2	81.7
Japan, Miyagi Prefecture	1326	38.1	15.2	89.7	1164	27.9	23.9	93.7
Japan, Nagasaki Prefecture	811	31.8	20.2	93.2	761	27.1	23.1	93.2
Japan, Niigata Prefecture	1583	28.8	24.5	91.8	1342	23.4	27.9	93.2
*Japan, Osaka Prefecture	4343	40.5	21.6	93.1	3698	34.0	27.0	91.5
Japan, Saga Prefecture	513	35.1	16.8	87.1	463	27.6	21.4	94.4
Republic of Korea	10127	46.6	4.9	88.7	8081	40.3	6.4	88.4
Republic of Korea, Busan	761	37.3	5.9	86.7	575	34.8	6.1	95.1
Republic of Korea, Daegu	453	50.1	2.4	85.0	378	45.0	4.0	92.3
Republic of Korea, Daejeon	251	49.0	1.2	91.2	185	40.0	3.2	89.7
Republic of Korea, Gwangju	280	25.4	1.8	84.6	225	22.7	3.1	73.3
Republic of Korea, Incheon	466	48.9	2.1	94.0	377	44.3	2.9	97.6
Republic of Korea, Jejudo	97	54.6	1.0	86.6	74	35.1	0.0	90.5
Republic of Korea, Seoul	1919	56.3	5.5	85.6	1480	50.7	6.5	85.1
Republic of Korea, Ulsan	159	52.2	2.5	88.1	146	35.6	5.5	89.7

*Important. See note on population page.

Indices of data quality

Pancreas (C25) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	92	50.0	1.1	103.3	65	56.9	3.1	93.8
*Kuwait: Kuwaitis	42	50.0	2.4		39	66.7	5.1	
*Kuwait: Non−Kuwaitis	50	50.0	0.0		26	42.3	0.0	
*Malaysia, Penang	74	74.3			61	77.0		
*Malaysia, Penang: Chinese	57	70.2			42	81.0		
*Malaysia, Penang: Indian	5	80.0			4	75.0		
*Malaysia, Penang: Malay	11	90.9			14	64.3		
*Philippines, Manila	298	35.2	9.1		334	30.8	9.3	
*Philippines, Rizal	357	56.0	12.6		377	52.3	12.2	
Qatar: Qatari	7	71.4	28.6	100.0	7	100.0	0.0	71.4
*Saudi Arabia, Riyadh: Saudi	132	72.7	6.1		76	67.1	2.6	
Singapore	569	70.5	4.6	95.3	466	57.9	8.2	98.1
Singapore: Chinese	487	70.8	4.7	94.5	408	56.9	8.1	96.8
Singapore: Indian	31	67.7	6.5	96.8	13	76.9	7.7	100.0
Singapore: Malay	47	66.0	2.1	83.0	43	62.8	9.3	93.0
Thailand, Bangkok	503	77.3	5.4	72.4	429	79.5	5.4	75.3
Thailand, Chiang Mai	82	25.6	9.8	84.1	100	29.0	6.0	76.0
Thailand, Chonburi	64	39.1	17.2	76.6	78	38.5	6.4	84.6
*Thailand, Khon Kaen	39	30.8	2.6		40	30.0	2.5	
Thailand, Lampang	48	37.5	8.3	50.0	57	45.6	1.8	36.8
*Thailand, Songkhla	58	29.3	3.4		44	34.1	4.5	
*Turkey, Antalya	218	71.1	5.0	88.1	131	56.5	8.4	85.5
*Turkey, Edirne	55	50.9	10.9		34	38.2	8.8	
*Turkey, Izmir	492	68.5	3.3		344	61.3	6.7	
*Turkey, Trabzon	69	49.3	4.3		39	35.9	12.8	
Europe								
Austria	3318	77.0	15.6	94.6	3680	72.1	18.3	95.4
Austria, Tyrol	203	71.4	0.0	105.4	247	56.3	1.6	99.2
Austria, Vorarlberg	105	76.2	3.8	88.6	127	65.4	13.4	95.3
*Belarus	2145	75.0		93.5	1829	70.0		88.7
*Belgium	2394	88.7		117.0	2158	85.5		125.9
Bulgaria	3011	41.4	13.9	88.8	2272	41.0	15.0	86.5
Croatia	1646	53.0	8.6	92.6	1488	54.4	9.7	94.5
Cyprus	137	65.0	23.4	104.9	101	49.5	33.7	104.0
Czech Republic	4632	50.7	2.2	96.1	4478	44.4	2.4	98.4
Denmark	2112	82.4	0.7	94.2	2163	76.1	0.9	93.1
*Estonia	474	51.9		106.1	456	45.8		106.6
Finland	2271	68.6	3.8	91.3	2541	58.4	3.9	92.3
*France, Bas−Rhin	374	80.7		96.0	329	64.4		101.5
*France, Calvados	260	58.8		96.9	224	51.3		104.5
*France, Doubs	158	75.3		99.4	174	67.2		97.1
*France, Haut−Rhin	214	92.5		107.0	176	83.0		119.3
*France, Hérault	404	74.8		94.1	332	64.2		107.5
*France, Isère	394	79.7		92.6	359	75.8		87.2
*France, Loire−Atlantique	355	76.1		96.9	279	69.5		108.2
*France, Manche	160	64.4		110.6	133	55.6		109.0
*France, Somme	162	79.6		121.0	166	69.9		107.8
*France, Tarn	150	64.7		98.7	153	51.6		92.2
*France, Vendée	161	72.7		151.6	126	78.6		156.3
Germany, Brandenburg	1242	62.7	29.0	93.6	1103	57.8	33.5	101.4
Germany, Bremen	324	66.7	14.5	84.3	342	59.6	17.8	86.8
Germany, Free State of Saxony	2089	62.5	24.2	92.4	2214	54.4	29.4	94.1
Germany, Hamburg	742	82.1	9.6	86.5	850	73.8	15.5	87.9
Germany, Mecklenburg−Western Pomerania	750	64.3	23.1	97.3	705	52.9	30.2	99.6
Germany, Munich	1656	64.9	23.4	87.3	1735	54.4	35.0	91.6
Germany, North Rhine−Westphalia	917	67.1	12.6	104.0	910	60.0	14.2	110.3
Germany, Saarland	449	68.2	20.5	92.2	508	62.0	25.8	97.4
Germany, Schleswig−Holstein	1288	55.7	28.0	93.1	1370	49.2	31.4	90.5
Iceland	82	73.2	0.0	101.2	75	64.0	1.3	102.7
Ireland	1012	61.2	3.2	95.3	1061	47.7	4.0	95.3
Italy, Biella	107	51.4	0.9	94.4	118	40.7	2.5	80.5
Italy, Brescia	423	51.5	4.7	96.0	408	40.4	5.4	102.0
Italy, Catania and Messina	301	47.8	1.7	95.0	350	42.9	3.7	92.9
Italy, Catanzaro	49	42.9	2.0	106.1	43	37.2	2.3	100.0
Italy, Como	238	51.3	2.1	102.1	283	38.5	2.8	95.4
Italy, Ferrara	190	46.3	1.6	106.3	218	35.8	3.7	89.9
Italy, Florence and Prato	320	44.4	1.2	94.7	339	38.3	0.9	96.2
Italy, Friuli−Venezia Giulia	637	46.8	0.9	99.4	773	41.0	2.1	100.0
Italy, Genoa	362	53.0	2.2	98.3	420	44.3	4.5	90.7
Italy, Latina	138	44.2	7.2	115.2	132	36.4	6.8	104.5
Italy, Lecco	148	46.6	0.7	89.9	138	33.3	0.0	106.5
Italy, Lombardy, South	245	42.0	0.8	87.3	240	34.6	0.8	106.2
Italy, Mantua	116	51.7	1.7	93.1	145	38.6	6.2	94.5
Italy, Milan	499	56.5	2.8	88.6	629	45.0	6.5	85.5
Italy, Modena	341	53.4	0.6	88.0	309	44.7	1.3	97.7
Italy, Naples	136	65.4	0.7	86.0	89	48.3	4.5	93.3
Italy, Nuoro	110	40.0	2.7	101.8	94	24.5	6.4	101.1
Italy, Palermo	295	38.0	3.1	99.0	285	35.1	3.5	92.6
Italy, Parma	270	65.9	0.4	99.6	303	61.4	0.0	88.1
Italy, Ragusa	103	37.9	2.9	103.2	136	30.1	5.1	90.1
Italy, Reggio Emilia	268	50.7	0.4	87.3	307	38.4	1.0	92.2
Italy, Romagna	584	45.2	1.4	91.3	698	39.7	1.7	90.3
Italy, Salerno	277	43.0	7.9	99.6	250	34.8	7.6	99.6
Italy, Sassari	204	52.9	6.4	97.1	185	50.3	6.5	93.5
Italy, Sondrio	116	46.6	1.7	104.3	92	44.6	0.0	101.1
Italy, South Tyrol	165	56.4	1.2	88.5	169	40.8	1.2	94.1

*Important. See note on population page.

Indices of data quality

Pancreas (C25) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	147	40.8	3.4	91.8	142	35.2	7.0	92.3
Italy, Trapani	104	27.9	1.0	92.3	108	26.9	0.9	97.2
Italy, Trento	164	51.2	1.8	89.0	187	41.7	2.7	92.5
Italy, Turin	399	61.4	1.0	90.7	442	50.2	2.7	93.2
Italy, Umbria	413	55.4	0.2	93.5	385	41.6	0.0	95.6
Italy, Varese	343	58.6	1.5	99.1	379	47.0	2.1	96.6
Italy, Veneto	948	51.9	1.2	94.0	935	38.7	2.7	95.2
Latvia	698	23.1	18.3	94.7	751	23.8	18.4	93.1
Lithuania	1202	59.2	11.6	94.4	1086	58.4	9.9	93.6
Malta	122	36.1	20.5	105.7	110	34.5	23.6	103.6
*Netherlands	4282	66.8		116.7	4266	59.2		124.7
*Netherlands, Eindhoven	269	63.6		120.1	243	54.3		128.8
Norway	1593	69.2	2.4	95.0	1679	59.3	4.1	96.9
Poland, Cracow	169	68.0	5.9	88.2	179	53.6	10.6	94.4
Poland, Kielce	366	65.3	7.1	100.3	343	58.0	7.9	102.9
Poland, Lower Silesia	716	41.9	1.1	112.7	785	39.6	1.4	107.1
Poland, Podkarpackie	510	45.1	11.0	92.2	533	38.6	13.9	95.5
Portugal, Azores	67	32.8	10.4	89.6	63	33.3	7.9	79.4
Russian Federation, Saint Petersburg	1495	34.0	0.1	111.7	1871	30.0	0.1	111.3
*Serbia, Central	1493	63.2	12.4	123.5	1176	58.9	17.9	130.7
Slovakia	1896	61.3	17.7	90.6	1664	58.7	19.5	88.2
Slovenia	686	60.2	2.0	94.5	715	49.1	3.6	97.8
Spain, Albacete	111	56.8	5.4	89.2	108	48.1	6.5	99.1
Spain, Asturias	384	54.9	6.2	112.8	351	39.9	14.2	114.0
Spain, Basque Country	746	63.1	4.8	96.0	699	51.4	7.2	89.4
Spain, Canary Islands	328	56.1	5.8	99.7	263	52.5	6.5	93.5
Spain, Ciudad Real	119	51.3	3.4	90.8	98	42.9	3.1	108.2
Spain, Cuenca	61	41.0	4.9	86.9	62	46.8	9.7	88.7
Spain, Girona	206	57.8	9.2	93.2	157	38.2	10.2	94.9
*Spain, Granada	157	51.0		103.2	161	50.3		106.2
Spain, La Rioja	122	43.4	2.5	87.7	100	33.0	2.0	89.0
Spain, Mallorca	229	69.0	7.0	100.4	175	60.6	12.6	106.7
Spain, Murcia	359	62.1	5.0	90.0	281	56.9	6.0	88.3
Spain, Navarra	222	69.4	0.9	93.2	213	59.2	4.7	89.7
Spain, Tarragona	198	58.6	6.1	88.4	199	52.8	7.0	82.4
*Sweden	2300	91.4		152.2	2344	89.7		170.2
Switzerland, Basel	126	85.7	12.7	110.3	126	73.0	25.4	139.7
Switzerland, Geneva	136	75.0	1.5	85.3	154	66.9	2.6	77.9
Switzerland, Graubünden and Glarus	78	66.7	0.0	85.9	94	67.0	0.0	77.7
Switzerland, Neuchâtel	70	55.7	2.9	101.4	65	47.7	4.6	96.9
Switzerland, St Gall−Appenzell	170	83.5	0.6	87.6	185	74.1	0.5	93.5
Switzerland, Ticino	138	71.0	8.0	88.4	176	56.2	13.1	90.3
Switzerland, Valais	108	58.3	2.8	82.4	111	55.9	1.8	96.4
Switzerland, Vaud	247	73.3	8.1	93.5	227	53.3	12.3	95.6
Switzerland, Zurich	406	79.3	3.9	89.9	480	71.0	4.8	84.8
Ukraine	13321	33.8	1.7	89.6	10911	31.8	1.2	85.3
UK, England	15744	46.0	6.8	93.8	16736	39.7	8.0	93.3
UK, England, East of England Region	1858	43.5	5.1	95.0	1960	36.4	5.2	93.5
UK, England, North Western	1957	38.1	3.1	94.8	2177	34.0	3.3	92.9
UK, England, Northern and Yorkshire	2055	48.6	2.8	94.9	2231	41.4	2.1	92.6
UK, England, Oxford Region	784	49.1	4.1	93.9	839	40.0	6.6	95.8
UK, England, South and Western Regions	2350	43.9	5.4	97.1	2669	38.7	7.4	95.8
UK, England, Thames	3383	51.7	8.2	88.7	3567	44.4	9.3	90.9
UK, England, Trent	1047	52.1	4.0	91.6	956	44.2	4.4	92.8
UK, England, West Midlands	1636	41.6	20.7	96.9	1725	37.3	25.7	93.9
UK, Northern Ireland	445	44.0	2.9	97.3	447	35.1	4.0	103.8
UK, Scotland	1507	50.7	0.6	98.7	1689	43.2	1.5	97.8
UK, Wales	1058	47.9	6.8	89.8	1144	42.6	8.3	89.0
Oceania								
Australian Capital Territory	62	69.4	0.0	85.5	57	59.6	5.3	82.5
Australia, New South Wales	1976	64.8	4.1	90.8	1946	55.9	6.2	92.4
Australia, Northern Territory	30	53.3	0.0	76.7	13	61.5	7.7	123.1
Australia, Northern Territory: Indigenous	6	16.7	0.0	66.7	4	25.0	0.0	75.0
Australia, Northern Territory: Non−Indigenous	24	62.5	0.0	79.2	9	77.8	11.1	144.4
Australia, Queensland	1088	55.2	2.0	86.8	930	46.3	3.5	91.0
South Australia	508	66.7	0.0	86.6	472	52.8	0.0	86.0
Australia, Tasmania	142	64.8	0.0	84.5	141	52.5	0.0	100.7
Australia, Victoria	1501	60.6	4.9	88.7	1435	50.9	8.3	88.9
Western Australia	537	64.2	0.4	86.6	512	56.4	1.6	92.8
New Zealand	958	45.3	7.7	91.1	996	38.2	13.9	92.8
New Zealand: Maori	90	47.8	3.3	81.1	104	42.3	10.6	78.8
New Zealand: Pacific Islander	34	47.1	5.9	79.4	22	36.4	9.1	77.3
New Zealand: Other	834	45.0	8.3	92.7	870	37.7	14.4	94.8
USA, Hawaii	459	74.1	5.4	85.6	431	70.8	6.5	87.0
*USA, Hawaii: Chinese	21	76.2	9.5		33	60.6	12.1	
*USA, Hawaii: Filipino	58	70.7	12.1		46	78.3	8.7	
*USA, Hawaii: Hawaiian	75	77.3	2.7		77	71.4	5.2	
*USA, Hawaii: Japanese	165	73.9	3.6		160	68.8	6.2	
*USA, Hawaii: White	110	71.8	4.5		90	71.1	6.7	

*Important. See note on population page.

Indices of data quality

Larynx (C32)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	147	98.6			21	100.0		
Egypt, Gharbiah	184	93.5	6.5	27.2	16	87.5	12.5	43.8
*Libya, Benghazi	66	84.8	9.1	48.5	8	75.0	25.0	25.0
*Malawi, Blantyre	5	60.0			2	100.0		
*South Africa, PROMEC	49	63.3			9	66.7		
*Tunisia, North	408	98.3			28	96.4		
*Uganda, Kyadondo County	31	54.8	0.0		6	33.3	0.0	
*Zimbabwe, Harare: African	40	62.5	5.0		6	66.7	0.0	
America, Central and South								
Argentina, Bahía Blanca	45	100.0	0.0	42.2	10	100.0	0.0	40.0
Argentina, Córdoba	167	87.4	11.4	59.9	24	75.0	25.0	54.2
Argentina, Mendoza	232	90.9	6.9	59.9	23	91.3	8.7	52.2
*Argentina, Tierra del Fuego	5	80.0	0.0	80.0	0	0.0	0.0	–
Brazil, Aracaju	58	93.1	5.2	36.2	10	100.0	0.0	20.0
Brazil, Belo Horizonte	246	91.5	8.1	50.0	37	91.9	5.4	35.1
Brazil, Cuiabá	87	88.5	6.9	56.3	16	87.5	12.5	56.2
Brazil, Fortaleza	255	89.8	8.2	47.5	45	91.1	8.9	37.8
Brazil, Goiânia	143	95.8	2.8	46.9	35	97.1	0.0	28.6
*Brazil, São Paulo	2282	80.8	12.4	57.0	435	77.7	8.0	36.3
Chile, Region of Antofagasta	38	73.7	13.2	73.7	14	78.6	7.1	57.1
Chile, Bío Bío Province	12	41.7	16.7	83.3	1	0.0	0.0	0.0
Chile, Valdivia	19	100.0	0.0	73.7	3	100.0	0.0	33.3
Colombia, Bucaramanga	66	83.3	13.6	66.7	14	85.7	14.3	64.3
Colombia, Cali	169	91.1	2.4	50.3	36	83.3	11.1	58.3
Colombia, Manizales	37	94.6	5.4	51.4	6	100.0	0.0	83.3
Colombia, Pasto	16	68.8	18.8	56.2	1	100.0	0.0	0.0
Costa Rica	263	90.5	3.4	56.7	25	84.0	16.0	60.0
Cuba, Villa Clara	315	90.5	3.8	57.8	38	84.2	5.3	76.3
Ecuador, Cuenca	11	72.7	0.0	18.2	4	75.0	25.0	100.0
Ecuador, Quito	35	91.4	5.7	51.4	8	75.0	12.5	62.5
*France, Martinique	53	100.0		28.3	2	100.0		100.0
*Jamaica, Kingston and St Andrew	55	90.9			5	100.0		
USA, Puerto Rico	668	95.7	3.0	41.4	74	95.9	4.1	43.9
Uruguay	450	84.0	14.9	73.1	44	75.0	20.5	70.5
America, North								
Canada	4495	94.3	0.9	40.9	982	92.1	0.7	44.8
Canada, Alberta	272	98.5	0.0	38.6	64	98.4	0.0	57.8
Canada, British Columbia	459	96.9	1.1	40.5	87	97.7	0.0	50.6
Canada, Manitoba	126	96.8	0.0	45.2	30	96.7	0.0	46.7
Canada, New Brunswick	130	97.7	0.0	42.3	24	95.8	0.0	37.5
Canada, Newfoundland and Labrador	98	98.0	0.0	36.7	14	100.0	0.0	21.4
*Canada, Northwest Territories	2	100.0	0.0	0.0	2	100.0	0.0	0.0
Canada, Nova Scotia	150	94.0	0.7	50.0	28	100.0	0.0	25.0
Canada, Ontario	1602	95.1	0.6	38.4	351	90.6	0.9	39.3
Canada, Prince Edward Island	26	92.3	0.0	34.6	3	100.0	0.0	33.3
*Canada, Quebec	1513	90.9	1.7	39.3	355	89.0	1.1	40.8
Canada, Saskatchewan	114	97.4	0.0	43.9	24	95.8	0.0	62.5
*Canada, Yukon	3	100.0	0.0	33.3	0	0.0	0.0	–
USA, NPCR (42 states)	43582	97.1	1.2	30.3	11230	97.0	1.1	30.8
USA, NPCR (42 states): American Indian	193	95.3	1.6	33.2	57	96.5	1.8	29.8
USA, NPCR (42 states): Asian and Pacific Islander	374	96.5	1.3	34.5	68	97.1	0.0	32.4
USA, NPCR (42 states): Black	6262	96.8	1.5	38.6	1580	97.2	1.1	32.9
USA, NPCR (42 states): White	36307	97.2	1.2	29.1	9451	97.0	1.1	30.7
USA, SEER (9 registries)	3713	97.9	0.6	28.9	954	98.0	0.8	31.1
*USA, SEER (9 registries): Black	553	98.9	0.4		150	98.0	0.0	
*USA, SEER (9 registries): White	2965	97.7	0.7		779	97.9	1.0	
USA, SEER (18 registries)	11362	97.5	0.8	28.6	2829	97.2	0.8	30.6
*USA, SEER (18 registries): Asian and Pacific Islander	348	97.4	0.9		50	100.0	0.0	
*USA, SEER (18 registries): Black	1696	97.5	0.6		399	98.0	0.3	
*USA, SEER (18 registries): Hispanic White	840	97.4	0.6		141	95.0	2.1	
*USA, SEER (18 registries): Non–Hispanic White	8370	97.6	0.8		2216	97.2	0.8	
*USA, SEER (18 registries): White	9210	97.6	0.8		2357	97.1	0.8	
USA, Alabama	1035	98.0	1.1	27.5	284	98.6	0.0	25.0
USA, Alabama: Black	286	97.6	1.7	35.3	66	98.5	0.0	19.7
USA, Alabama: White	740	98.1	0.8	24.7	218	98.6	0.0	26.6
USA, Alaska	88	97.7	1.1	10.2	12	100.0	0.0	8.3
*USA, Alaska: American Indian	11	100.0	0.0	9.1	2	100.0	0.0	0.0
USA, Arizona	675	92.4	2.7	33.6	160	91.9	1.9	38.8
USA, Arizona: American Indian	6	100.0	0.0	50.0	0	0.0	0.0	–
USA, Arizona: Asian and Pacific Islander	4	100.0	0.0	25.0	0	0.0	0.0	–
USA, Arizona: Black	14	92.9	7.1	100.0	7	100.0	0.0	42.9
USA, Arizona: White	635	92.1	2.7	32.9	151	91.4	2.0	39.1
USA, Arkansas	618	98.5	0.5	25.2	163	98.8	0.0	21.5
USA, Arkansas: Black	87	98.9	0.0	40.2	18	94.4	0.0	27.8
USA, Arkansas: White	529	98.5	0.6	22.9	144	99.3	0.0	20.1
USA, California	3622	97.6	0.7	34.6	844	96.0	1.1	37.1
USA, California: American Indian	14	92.9	0.0	85.7	7	85.7	14.3	28.6
USA, California: Asian and Pacific Islander	185	97.8	0.5	40.0	27	100.0	0.0	37.0
USA, California: Black	330	97.6	0.3	49.1	99	97.0	0.0	36.4
USA, California: White	3036	97.7	0.8	33.2	707	95.8	1.1	37.5
USA, California, Los Angeles County	959	97.7	0.8	40.3	188	99.5	0.0	45.7
*USA, California, Los Angeles County: Asian and Pacific Islander	74	94.6	1.4		13	100.0	0.0	
*USA, California, Los Angeles County: Black	144	96.5	0.7		38	100.0	0.0	
*USA, California, Los Angeles County: Chinese	25	88.0	0.0		2	100.0	0.0	
*USA, California, Los Angeles County: Filipino	15	100.0	0.0		5	100.0	0.0	
*USA, California, Los Angeles County: Hispanic White	218	98.2	0.0		34	100.0	0.0	

*Important. See note on population page.

Larynx (C32) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	6	100.0	0.0		1	100.0	0.0	
*USA, California, Los Angeles County: Korean	15	100.0	0.0		2	100.0	0.0	
*USA, California, Los Angeles County: Non−Hispanic White	516	98.3	1.2		103	99.0	0.0	
*USA, California, Los Angeles County: White	734	98.2	0.8		137	99.3	0.0	
USA, California, San Francisco Bay Area	426	98.8	0.2	34.5	114	96.5	0.9	28.9
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	46	100.0	0.0		3	100.0	0.0	
*USA, California, San Francisco Bay Area: Black	72	100.0	0.0		29	93.1	0.0	
*USA, California, San Francisco Bay Area: Hispanic White	41	100.0	0.0		12	100.0	0.0	
*USA, California, San Francisco Bay Area: Non−Hispanic White	260	98.1	0.4		70	97.1	1.4	
*USA, California, San Francisco Bay Area: White	301	98.3	0.3		82	97.6	1.2	
USA, Colorado	420	96.4	1.4	28.8	129	96.9	2.3	27.9
USA, Colorado: Asian and Pacific Islander	3	100.0	0.0	66.7	1	100.0	0.0	100.0
USA, Colorado: Black	21	90.5	0.0	42.9	5	100.0	0.0	20.0
USA, Colorado: White	387	96.6	1.6	28.4	122	96.7	2.5	27.9
USA, Connecticut	569	98.8	0.7	28.3	148	97.3	1.4	27.0
*USA, Connecticut: Black	55	100.0	0.0		16	100.0	0.0	
*USA, Connecticut: White	509	98.6	0.8		130	96.9	1.5	
USA, Delaware	161	98.8	0.6	36.6	40	92.5	2.5	27.5
USA, Delaware: Black	33	100.0	0.0	57.6	7	71.4	14.3	28.6
USA, Delaware: White	128	98.4	0.8	31.2	33	97.0	0.0	27.3
USA, Florida	4172	96.6	1.9	30.7	929	96.8	1.1	35.7
USA, Florida: Asian and Pacific Islander	10	100.0	0.0	60.0	1	100.0	0.0	100.0
USA, Florida: Black	488	95.7	3.1	38.1	71	98.6	1.4	33.8
USA, Florida: White	3620	96.6	1.8	30.0	846	96.6	1.1	36.3
USA, Georgia	1591	97.4	1.1	25.1	365	98.9	0.3	29.6
USA, Georgia: Asian and Pacific Islander	11	90.9	9.1	27.3	2	100.0	0.0	50.0
USA, Georgia: Black	457	97.2	1.1	30.4	74	100.0	0.0	32.4
USA, Georgia: White	1120	97.6	1.1	22.9	288	98.6	0.3	28.8
USA, Georgia, Atlanta	379	98.4	0.8	24.3	91	100.0	0.0	34.1
*USA, Georgia, Atlanta: Black	150	98.7	0.7		26	100.0	0.0	
*USA, Georgia, Atlanta: White	222	98.2	0.9		63	100.0	0.0	
USA, Idaho	169	95.9	3.0	29.0	45	93.3	4.4	40.0
USA, Illinois	2198	97.8	1.1	29.0	550	97.5	1.6	33.3
USA, Illinois: Asian and Pacific Islander	12	100.0	0.0	33.3	4	100.0	0.0	25.0
USA, Illinois: Black	418	96.2	1.7	38.8	117	95.7	3.4	34.2
USA, Illinois: White	1743	98.2	1.0	27.0	424	97.9	1.2	33.5
USA, Indiana	1131	97.3	1.5	26.3	334	98.8	0.6	24.3
USA, Indiana: Black	105	96.2	1.9	42.9	32	96.9	3.1	18.8
USA, Indiana: White	1016	97.3	1.5	24.8	297	99.3	0.3	25.3
USA, Iowa	561	98.0	0.4	24.2	132	100.0	0.0	30.3
USA, Kentucky	988	97.0	0.9	27.2	305	97.0	1.0	23.9
USA, Louisiana	815	97.4	1.0	30.2	206	99.5	0.0	33.5
*USA, Louisiana: Black	293	97.3	1.0		53	100.0	0.0	
*USA, Louisiana: White	517	97.5	1.0		152	99.3	0.0	
*USA, Louisiana, New Orleans	176	96.6	2.3		47	100.0	0.0	
*USA, Louisiana, New Orleans: Black	72	95.8	2.8		15	100.0	0.0	
*USA, Louisiana, New Orleans: White	103	97.1	1.9		32	100.0	0.0	
USA, Maine	278	97.8	1.1	26.6	81	97.5	1.2	29.6
USA, Massachusetts	1054	98.1	0.9	29.8	307	98.4	0.3	35.8
USA, Massachusetts: Asian and Pacific Islander	5	80.0	20.0	40.0	1	100.0	0.0	0.0
USA, Massachusetts: Black	36	97.2	2.8	52.8	17	100.0	0.0	29.4
USA, Massachusetts: White	1001	98.2	0.8	29.3	287	98.3	0.3	36.6
USA, Michigan	1815	95.2	1.2	32.0	488	95.7	2.0	33.4
USA, Michigan: Asian and Pacific Islander	3	100.0	0.0	33.3	0	0.0	0.0	–
USA, Michigan: Black	304	96.4	0.3	37.2	98	99.0	0.0	41.8
USA, Michigan: White	1485	94.9	1.3	31.1	383	94.8	2.6	31.3
USA, Michigan, Detroit	763	98.2	0.7	30.5	214	99.1	0.5	36.4
*USA, Michigan, Detroit: Black	235	98.7	0.4		74	98.6	0.0	
*USA, Michigan, Detroit: White	519	97.9	0.8		138	99.3	0.7	
USA, Mississippi	696	97.6	0.9	26.1	129	99.2	0.8	18.6
USA, Missouri	1062	97.2	1.1	29.4	297	97.3	1.0	24.2
USA, Missouri: Black	129	97.7	0.8	37.2	41	97.6	0.0	14.6
USA, Missouri: White	920	97.1	1.2	28.7	253	97.2	1.2	25.7
USA, Montana	127	98.4	1.6	26.0	48	95.8	4.2	33.3
USA, Montana: American Indian	5	100.0	0.0	40.0	2	100.0	0.0	0.0
USA, Nebraska	285	98.6	0.7	27.4	67	100.0	0.0	25.4
USA, Nebraska: Black	15	100.0	0.0	26.7	1	100.0	0.0	100.0
USA, Nebraska: White	268	98.5	0.7	27.2	65	100.0	0.0	24.6
USA, New Hampshire	226	96.5	1.3	25.7	52	96.2	1.9	34.6
USA, New Jersey	1430	97.7	0.5	33.4	358	96.4	0.8	36.3
*USA, New Jersey: Black	217	96.3	0.5		56	92.9	1.8	
*USA, New Jersey: White	1179	98.2	0.4		294	97.3	0.3	
USA, New Mexico	220	92.3	2.3	37.3	51	92.2	5.9	33.3
*USA, New Mexico: Hispanic White	68	92.6	1.5		13	76.9	15.4	
*USA, New Mexico: Non−Hispanic White	146	91.8	2.7		38	97.4	2.6	
*USA, New Mexico: White	214	92.1	2.3		51	92.2	5.9	
USA, New York State	3240	98.6	0.3	32.2	901	97.9	0.4	31.1
USA, New York State: Asian and Pacific Islander	50	100.0	0.0	34.0	9	88.9	0.0	22.2
USA, New York State: Black	519	98.5	0.4	43.7	148	99.3	0.7	33.8
USA, New York State: White	2630	98.6	0.3	30.3	731	97.7	0.4	31.2
USA, North Carolina	1680	98.0	1.0	28.7	447	96.6	1.3	28.4
USA, North Carolina: American Indian	9	100.0	0.0	0.0	6	100.0	0.0	50.0
USA, North Carolina: Asian and Pacific Islander	3	100.0	0.0	66.7	0	0.0	0.0	–
USA, North Carolina: Black	442	97.7	1.8	33.7	94	94.7	1.1	38.3
USA, North Carolina: White	1217	98.1	0.7	27.2	345	97.1	1.4	25.5
USA, North Dakota	96	97.9	0.0	25.0	23	100.0	0.0	47.8
USA, Ohio	2163	97.8	1.0	32.7	636	97.5	0.6	29.9
USA, Ohio: Asian and Pacific Islander	0	0.0	0.0	1.0	1	100.0	0.0	0.0
USA, Ohio: Black	234	98.3	0.4	42.3	81	95.1	0.0	34.6
USA, Ohio: White	1905	97.7	1.1	31.9	548	97.8	0.7	29.6

*Important. See note on population page.

Indices of data quality

Larynx (C32) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	636	95.6	2.4	27.4	199	96.5	2.5	28.6
USA, Oklahoma: American Indian	54	94.4	3.7	22.2	16	100.0	0.0	25.0
USA, Oklahoma: Black	41	95.1	2.4	31.7	15	100.0	0.0	33.3
USA, Oklahoma: White	537	95.7	2.2	27.6	166	95.8	3.0	28.9
USA, Oregon	460	97.4	0.4	25.0	152	96.7	1.3	28.9
USA, Oregon: Asian and Pacific Islander	3	66.7	0.0	66.7	4	100.0	0.0	25.0
USA, Oregon: Black	5	100.0	0.0	0.0	1	100.0	0.0	0.0
USA, Oregon: White	441	97.5	0.5	25.6	145	96.6	1.4	29.0
USA, Pennsylvania	2490	97.4	1.0	30.7	669	97.3	0.9	33.3
USA, Pennsylvania: Asian and Pacific Islander	9	100.0	0.0	22.2	1	100.0	0.0	100.0
USA, Pennsylvania: Black	275	96.7	1.1	37.8	93	96.8	1.1	43.0
USA, Pennsylvania: White	2172	97.5	1.1	30.2	568	97.4	0.9	32.0
USA, Rhode Island	221	97.3	1.8	22.6	54	98.1	0.0	29.6
USA, Rhode Island: Black	6	100.0	0.0	0.0	1	100.0	0.0	0.0
USA, Rhode Island: White	215	97.2	1.9	23.3	52	98.1	0.0	28.8
USA, South Carolina	1011	96.1	1.8	26.4	210	95.2	1.9	27.1
USA, South Carolina: Black	336	96.1	1.5	32.7	68	94.1	4.4	38.2
USA, South Carolina: White	668	96.3	1.8	23.2	141	96.5	0.7	22.0
USA, South Dakota	93	95.7	3.2	34.4	34	100.0	0.0	17.6
USA, Tennessee	1316	96.5	2.8	31.2	350	98.3	1.4	24.6
USA, Tennessee: Black	188	95.7	3.2	36.7	56	96.4	3.6	26.8
USA, Tennessee: White	1122	96.6	2.8	30.3	293	98.6	1.0	24.2
USA, Texas	3329	96.3	1.2	30.3	755	96.3	2.1	28.9
USA, Texas: Asian and Pacific Islander	10	90.0	0.0	50.0	4	100.0	0.0	25.0
USA, Texas: Black	512	95.7	2.0	37.1	124	97.6	1.6	29.8
USA, Texas: White	2747	96.6	1.1	29.6	618	96.3	2.3	29.1
USA, Utah	117	98.3	0.0	23.1	35	100.0	0.0	34.3
USA, Vermont	123	96.7	1.6	23.6	39	92.3	2.6	15.4
USA, Virginia	1208	96.8	1.8	30.1	312	95.8	2.2	24.7
USA, Virginia: Asian and Pacific Islander	11	100.0	0.0	0.0	1	100.0	0.0	0.0
USA, Virginia: Black	279	95.0	3.2	38.4	71	97.2	1.4	33.8
USA, Virginia: White	905	97.2	1.4	28.3	240	95.4	2.5	22.1
USA, Washington State	714	96.9	0.8	30.1	214	96.7	0.9	34.1
USA, Washington, Seattle	522	97.5	0.4	27.0	149	96.6	0.7	30.9
USA, West Virginia	447	96.6	1.6	35.6	135	94.1	0.7	35.6
USA, Wisconsin	918	97.1	1.6	28.1	215	97.2	1.4	33.5
USA, Wisconsin: Black	63	98.4	1.6	34.9	14	92.9	0.0	57.1
USA, Wisconsin: White	839	97.3	1.5	28.0	197	97.5	1.5	31.5
USA, Wyoming	72	95.8	0.0	26.4	19	100.0	0.0	26.3
Asia								
Bahrain: Bahraini	23	91.3	8.7	39.1	2	100.0	0.0	50.0
China, Beijing City	577	90.8	0.0	41.1	87	87.4	0.0	58.6
*China, Cixian County	45	75.6	4.4	82.2	10	70.0	0.0	80.0
China, Haining County	17	100.0	0.0	41.2	2	100.0	0.0	0.0
*China, Harbin City, Nangang District	111	82.0	2.7	54.1	16	62.5	0.0	43.8
China, Hong Kong	920	96.5	0.3	34.3	53	90.6	1.9	43.4
China, Jiashan County	31	96.8	0.0	38.7	1	100.0	0.0	0.0
China, Jiaxing City	24	79.2	0.0	58.3	1	100.0	0.0	0.0
China, Macao	38	81.6	2.6	52.6	4	50.0	0.0	50.0
China, Qidong County	45	91.1	2.2	53.3	8	75.0	0.0	75.0
*China, Shanghai City	686	88.6	0.1	48.3	71	83.1	0.0	73.2
*China, Wuhan City	509	83.7		50.1	74	81.1		63.5
*China, Yangcheng County	14	85.7		57.1	4	100.0		50.0
*China, Yanting County	20	100.0	0.0	95.0	1	100.0	0.0	100.0
*China, Zhongshan City	147	87.1		65.3	5	80.0		20.0
*India, Bangalore	257	89.1	5.1		33	84.8	9.1	
*India; Barshi, Paranda, and Bhum	32	78.1			3	100.0		
*India, Bhopal	113	93.8	0.0		15	80.0	0.0	
*India, Chennai	454	88.3	0.4		72	83.3	1.4	
*India, Dindigul, Ambilikkai	103	91.3	0.0		12	91.7	0.0	
*India, Karunagappally	54	77.8	0.0		5	60.0	0.0	
*India, Mizoram	50	80.0	2.0		16	56.2	0.0	
*India, Mumbai	1278	82.4	8.2		183	77.0	8.7	
*India, New Delhi	1910	75.9	1.0		243	70.0	1.6	
*India, Poona	322	89.4	5.0		60	76.7	18.3	
*India, Sikkim State	52	92.3	5.8		27	88.9	7.4	
*India, Trivandrum	107	88.8	0.0		5	80.0	0.0	
*Iran (Islamic Republic of), Golestan Province	64	62.5	15.6	51.6	22	54.5	27.3	68.2
Israel	778	96.8	1.7	29.6	127	92.9	3.9	36.2
*Israel: Jews	666	97.3	1.4		117	94.0	3.4	
*Israel: Non–Jews	112	93.8	3.6		10	80.0	10.0	
Japan, Aichi Prefecture	159	96.2	3.1	15.7	5	80.0	20.0	20.0
Japan, Fukui Prefecture	113	94.7	0.9	26.5	7	71.4	0.0	14.3
Japan, Hiroshima	214	94.9	5.1	24.3	26	92.3	7.7	19.2
Japan, Miyagi Prefecture	377	94.7	0.8	25.7	25	88.0	4.0	28.0
Japan, Nagasaki Prefecture	266	98.1	1.1	20.7	18	94.4	5.6	16.7
Japan, Niigata Prefecture	412	92.0	4.9	31.3	18	83.3	11.1	50.0
*Japan, Osaka Prefecture	1196	89.8	6.3	26.3	97	87.6	8.2	32.0
Japan, Saga Prefecture	129	95.3	3.1	16.3	4	75.0	0.0	0.0
Republic of Korea	5113	90.6	2.7	53.1	408	75.2	12.0	82.4
Republic of Korea, Busan	408	88.0	4.4	57.1	33	81.8	9.1	72.7
Republic of Korea, Daegu	271	91.1	4.8	47.2	21	47.6	28.6	123.8
Republic of Korea, Daejeon	138	93.5	0.7	37.0	7	85.7	0.0	100.0
Republic of Korea, Gwangju	113	91.2	0.0	47.8	11	63.6	9.1	45.5
Republic of Korea, Incheon	227	91.2	0.9	43.6	17	94.1	5.9	76.5
Republic of Korea, Jejudo	61	91.8	0.0	42.6	2	100.0	0.0	100.0
Republic of Korea, Seoul	894	93.0	2.1	38.3	64	82.8	9.4	57.8
Republic of Korea, Ulsan	94	91.5	3.2	41.5	8	75.0	12.5	125.0

*Important. See note on population page.

Indices of data quality

Larynx (C32) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	61	98.4	0.0	16.4	12	100.0	0.0	33.3
*Kuwait: Kuwaitis	25	100.0	0.0		3	100.0	0.0	
*Kuwait: Non−Kuwaitis	36	97.2	0.0		9	100.0	0.0	
*Malaysia, Penang	73	93.2			5	80.0		
*Malaysia, Penang: Chinese	50	98.0			3	66.7		
*Malaysia, Penang: Indian	12	75.0			2	100.0		
*Malaysia, Penang: Malay	11	90.9			0	0.0		
*Philippines, Manila	400	81.2	4.0		69	69.6	10.1	
*Philippines, Rizal	326	85.0	4.0		55	70.9	18.2	
Qatar: Qatari	16	87.5	0.0	43.8	1	100.0	0.0	100.0
*Saudi Arabia, Riyadh: Saudi	73	95.9	1.4		6	100.0	0.0	
Singapore	353	96.9	0.3	40.8	33	90.9	3.0	42.4
Singapore: Chinese	302	96.4	0.3	39.1	24	95.8	0.0	41.7
Singapore: Indian	22	100.0	0.0	68.2	2	100.0	0.0	100.0
Singapore: Malay	24	100.0	0.0	29.2	6	66.7	16.7	33.3
Thailand, Bangkok	443	86.0	5.9	48.5	53	83.0	3.8	24.5
Thailand, Chiang Mai	93	90.3	1.1	73.1	30	66.7	0.0	56.7
Thailand, Chonburi	109	89.9	0.9	56.9	13	76.9	0.0	84.6
*Thailand, Khon Kaen	47	95.7	0.0		4	75.0	0.0	
Thailand, Lampang	44	86.4	4.5	61.4	16	87.5	0.0	50.0
*Thailand, Songkhla	94	93.6	0.0		5	100.0	0.0	
*Turkey, Antalya	254	93.7	2.4	36.2	23	87.0	8.7	73.9
*Turkey, Edirne	110	90.0	5.5		7	85.7	14.3	
*Turkey, Izmir	1092	94.0	3.1		77	87.0	9.1	
*Turkey, Trabzon	112	94.6	0.0		2	100.0	0.0	
Europe								
Austria	1346	95.5	2.4	47.9	185	96.2	1.6	49.2
Austria, Tyrol	116	100.0	0.0	35.3	12	100.0	0.0	50.0
Austria, Vorarlberg	80	97.5	1.2	36.2	8	100.0	0.0	62.5
*Belarus	2771	99.4		76.2	89	98.9		56.2
*Belgium	2351	99.6		36.3	337	97.9		37.4
Bulgaria	2965	90.1	6.7	62.3	156	83.3	12.8	76.3
Croatia	1831	85.1	3.3	58.5	157	74.5	5.1	52.2
Cyprus	89	89.9	10.1	43.5	10	90.0	10.0	25.0
Czech Republic	2449	97.2	0.4	52.4	228	96.5	0.4	49.1
Denmark	1030	99.1	0.0	42.4	232	98.3	0.0	43.6
*Estonia	290	97.9		66.9	25	96.0		68.0
Finland	517	97.7	0.2	31.9	61	98.4	0.0	32.8
*France, Bas−Rhin	224	99.6		37.1	27	100.0		33.3
*France, Calvados	160	98.8		48.8	21	100.0		23.8
*France, Doubs	140	100.0		27.1	12	100.0		33.3
*France, Haut−Rhin	148	100.0		25.7	22	100.0		31.8
*France, Hérault	266	99.6		45.5	28	96.4		60.7
*France, Isère	252	99.2		40.9	34	100.0		26.5
*France, Loire−Atlantique	360	97.8		36.7	39	100.0		41.0
*France, Manche	136	99.3		47.1	17	100.0		5.9
*France, Somme	193	99.0		42.0	13	100.0		84.6
*France, Tarn	88	97.7		39.8	9	100.0		55.6
*France, Vendée	155	100.0		43.9	13	100.0		30.8
Germany, Brandenburg	584	94.9	5.0	42.0	57	87.7	10.5	40.4
Germany, Bremen	183	89.6	10.4	26.2	24	95.8	4.2	16.7
Germany, Free State of Saxony	831	96.0	3.0	37.3	80	91.2	5.0	37.5
Germany, Hamburg	357	93.0	2.2	33.9	83	90.4	7.2	26.5
Germany, Mecklenburg−Western Pomerania	414	95.9	3.6	42.8	43	97.7	2.3	51.2
Germany, Munich	602	91.9	5.6	41.4	89	86.5	10.1	43.8
Germany, North Rhine−Westphalia	550	90.4	4.4	40.0	101	92.1	5.0	45.5
Germany, Saarland	297	97.6	2.4	38.4	34	94.1	5.9	38.2
Germany, Schleswig−Holstein	668	86.1	11.7	33.1	102	88.2	10.8	38.2
Iceland	23	100.0	0.0	21.7	2	100.0	0.0	50.0
Ireland	591	96.8	0.7	48.1	103	90.3	3.9	40.8
Italy, Biella	74	100.0	0.0	48.6	9	100.0	0.0	133.3
Italy, Brescia	331	90.9	2.4	34.4	41	87.8	0.0	29.3
Italy, Catania and Messina	287	94.4	3.8	47.0	22	90.9	9.1	40.9
Italy, Catanzaro	74	94.6	1.4	41.9	6	66.7	0.0	16.7
Italy, Como	158	97.5	1.3	46.8	19	94.7	5.3	36.8
Italy, Ferrara	154	98.7	0.0	33.1	15	100.0	0.0	26.7
Italy, Florence and Prato	265	94.7	0.4	41.5	32	93.8	0.0	46.9
Italy, Friuli−Venezia Giulia	541	97.4	0.4	37.9	82	96.3	0.0	30.5
Italy, Genoa	311	96.8	0.0	44.4	49	89.8	0.0	42.9
Italy, Latina	142	81.7	4.9	50.7	19	68.4	0.0	21.1
Italy, Lecco	87	92.0	0.0	64.4	16	93.8	0.0	43.8
Italy, Lombardy, South	216	88.0	0.0	41.2	18	83.3	0.0	44.4
Italy, Mantua	119	92.4	0.0	38.7	9	88.9	0.0	0.0
Italy, Milan	365	96.2	1.4	33.2	52	96.2	1.9	53.8
Italy, Modena	208	98.6	0.5	31.2	25	100.0	0.0	28.0
Italy, Naples	178	95.5	1.1	30.9	18	100.0	0.0	38.9
Italy, Nuoro	69	97.1	2.9	52.2	6	83.3	0.0	116.7
Italy, Palermo	279	86.0	2.9	34.8	41	85.4	4.9	43.9
Italy, Parma	141	99.3	0.7	35.5	18	88.9	11.1	44.4
Italy, Ragusa	55	98.2	0.0	38.6	2	100.0	0.0	250.0
Italy, Reggio Emilia	184	96.7	0.5	32.1	22	90.9	0.0	45.5
Italy, Romagna	397	96.2	0.8	30.5	55	90.9	1.8	41.8
Italy, Salerno	344	88.7	0.9	46.8	33	78.8	6.1	24.2
Italy, Sassari	159	95.0	1.3	44.0	14	85.7	0.0	28.6
Italy, Sondrio	103	95.1	0.0	48.5	11	81.8	0.0	9.1
Italy, South Tyrol	92	95.7	2.2	29.3	10	100.0	0.0	40.0

*Important. See note on population page.

Indices of data quality

Larynx (C32) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	122	95.1	1.6	36.1	7	71.4	14.3	42.9
Italy, Trapani	116	97.4	0.0	45.7	3	100.0	0.0	233.3
Italy, Trento	120	99.2	0.0	61.7	14	85.7	7.1	85.7
Italy, Turin	338	97.6	0.9	33.4	41	100.0	0.0	39.0
Italy, Umbria	297	96.0	0.0	40.1	21	95.2	0.0	38.1
Italy, Varese	293	95.6	0.0	51.5	26	88.5	0.0	80.8
Italy, Veneto	727	98.6	0.3	41.7	76	96.1	0.0	40.8
Latvia	503	87.9	5.6	67.8	39	79.5	10.3	46.2
Lithuania	959	92.3	3.2	64.9	52	84.6	7.7	48.1
Malta	80	98.8	1.2	48.8	11	100.0	0.0	18.2
*Netherlands	2952	99.1		31.1	589	99.3		36.5
*Netherlands, Eindhoven	195	100.0		34.4	38	100.0		36.8
Norway	484	98.6	0.6	38.8	77	97.4	0.0	44.2
Poland, Cracow	159	96.2	1.9	81.8	25	88.0	8.0	76.0
Poland, Kielce	401	97.0	0.7	56.6	42	97.6	2.4	69.0
Poland, Lower Silesia	901	93.9	0.1	60.2	157	90.4	0.0	49.0
Poland, Podkarpackie	599	93.5	1.7	55.9	50	86.0	6.0	66.0
Portugal, Azores	104	99.0	0.0	76.9	3	100.0	0.0	0.0
Russian Federation, Saint Petersburg	865	84.5	0.0	78.3	63	69.8	0.0	60.3
*Serbia, Central	2556	83.7	4.0	55.1	326	84.7	6.4	44.5
Slovakia	1412	93.0	5.5	63.7	91	90.1	5.5	64.8
Slovenia	480	99.2	0.4	53.3	53	100.0	0.0	58.5
Spain, Albacete	130	96.9	1.5	38.5	6	83.3	16.7	50.0
Spain, Asturias	584	99.1	0.2	48.6	32	93.8	3.1	18.8
Spain, Basque Country	1139	98.6	0.4	39.9	74	98.6	0.0	27.0
Spain, Canary Islands	416	96.9	1.2	47.1	24	91.7	0.0	70.8
Spain, Ciudad Real	166	97.6	1.2	37.3	8	87.5	0.0	62.5
Spain, Cuenca	97	92.8	4.1	64.9	2	100.0	0.0	50.0
Spain, Girona	229	91.7	2.6	43.2	6	83.3	0.0	100.0
*Spain, Granada	299	97.0		50.8	13	100.0		53.8
Spain, La Rioja	128	98.4	0.8	59.4	8	87.5	12.5	75.0
Spain, Mallorca	258	98.4	0.8	48.4	17	100.0	0.0	88.2
Spain, Murcia	498	97.2	0.8	37.8	30	100.0	0.0	26.7
Spain, Navarra	263	98.5	0.4	47.9	14	100.0	0.0	21.4
Spain, Tarragona	264	97.7	0.4	39.0	15	100.0	0.0	13.3
*Sweden	785	100.0		32.7	150	100.0		37.3
Switzerland, Basel	46	100.0	0.0	19.6	5	100.0	0.0	40.0
Switzerland, Geneva	65	96.9	0.0	40.0	18	88.9	0.0	16.7
Switzerland, Graubünden and Glarus	46	95.7	0.0	30.4	6	100.0	0.0	16.7
Switzerland, Neuchâtel	25	100.0	0.0	36.0	4	100.0	0.0	75.0
Switzerland, St Gall−Appenzell	69	97.1	1.4	26.1	8	100.0	0.0	62.5
Switzerland, Ticino	107	95.3	2.8	37.4	14	100.0	0.0	42.9
Switzerland, Valais	61	98.4	0.0	37.7	5	100.0	0.0	60.0
Switzerland, Vaud	118	99.2	0.0	23.7	21	100.0	0.0	19.0
Switzerland, Zurich	195	99.0	0.0	21.5	26	100.0	0.0	46.2
Ukraine	12912	88.0	0.3	66.7	555	85.9	0.2	49.5
UK, England	7210	94.7	1.1	34.3	1504	92.2	2.5	43.6
UK, England, East of England Region	668	96.0	0.9	36.1	119	89.9	1.7	46.2
UK, England, North Western	1189	91.6	0.3	33.9	281	91.8	0.0	39.9
UK, England, Northern and Yorkshire	1197	97.7	0.4	34.8	259	96.1	1.2	45.2
UK, England, Oxford Region	328	96.6	0.3	28.0	51	98.0	2.0	45.1
UK, England, South and Western Regions	894	93.1	1.0	32.0	198	89.9	3.0	40.4
UK, England, Thames	1416	94.2	2.0	37.0	279	89.2	5.7	47.0
UK, England, Trent	467	95.3	0.9	28.1	105	93.3	1.0	31.4
UK, England, West Midlands	765	95.0	2.6	38.2	160	91.9	3.8	51.2
UK, Northern Ireland	285	95.1	0.4	29.8	69	87.0	1.4	33.3
UK, Scotland	1168	97.4	0.5	31.2	318	95.3	0.3	35.8
UK, Wales	472	89.2	1.1	42.8	100	91.0	4.0	36.0
Oceania								
Australian Capital Territory	22	95.5	0.0	27.3	2	100.0	0.0	0.0
Australia, New South Wales	924	96.3	0.1	36.1	116	94.8	0.0	36.2
Australia, Northern Territory	36	97.2	2.8	47.2	1	100.0	0.0	0.0
Australia, Northern Territory: Indigenous	9	100.0	0.0	55.6	1	100.0	0.0	0.0
Australia, Northern Territory: Non−Indigenous	27	96.3	3.7	44.4	0	0.0	0.0	–
Australia, Queensland	545	96.5	0.6	35.6	61	91.8	0.0	39.3
South Australia	197	96.4	0.0	32.5	16	87.5	0.0	43.8
Australia, Tasmania	68	94.1	0.0	33.8	7	100.0	0.0	100.0
Australia, Victoria	649	96.9	0.9	31.3	70	94.3	0.0	40.0
Western Australia	218	99.5	0.0	39.4	30	100.0	0.0	40.0
New Zealand	336	92.9	1.5	38.4	59	94.9	3.4	42.4
New Zealand: Maori	41	97.6	0.0	29.3	15	100.0	0.0	20.0
New Zealand: Pacific Islander	10	100.0	0.0	30.0	2	100.0	0.0	50.0
New Zealand: Other	285	91.9	1.8	40.0	42	92.9	4.8	50.0
USA, Hawaii	156	98.7	0.6	34.0	20	100.0	0.0	0.0
*USA, Hawaii: Chinese	10	100.0	0.0		0	0.0	0.0	
*USA, Hawaii: Filipino	13	100.0	0.0		3	100.0	0.0	
*USA, Hawaii: Hawaiian	22	95.5	0.0		2	100.0	0.0	
*USA, Hawaii: Japanese	36	100.0	0.0		4	100.0	0.0	
*USA, Hawaii: White	62	98.4	1.6		11	100.0	0.0	

*Important. See note on population page.

Indices of data quality

Lung (C33-34)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	466	92.1			69	97.1		
Egypt, Gharbiah	795	87.2	6.8	57.9	257	84.0	7.8	64.6
*Libya, Benghazi	326	54.0	11.7	79.4	37	67.6	21.6	56.8
*Malawi, Blantyre	11	45.5			2	100.0		
*South Africa, PROMEC	68	66.2			20	65.0		
*Tunisia, North	2053	84.8			182	87.9		
*Uganda, Kyadondo County	59	39.0	0.0		55	43.6	0.0	
*Zimbabwe, Harare: African	87	31.0	26.4		49	42.9	24.5	
America, Central and South								
Argentina, Bahía Blanca	317	71.3	27.8	86.8	96	70.8	28.1	84.4
Argentina, Córdoba	781	72.3	24.6	97.4	350	69.4	25.4	87.4
Argentina, Mendoza	1122	72.9	20.5	85.4	353	68.8	23.8	78.2
*Argentina, Tierra del Fuego	61	75.4	3.3	93.4	15	86.7	0.0	100.0
Brazil, Aracaju	145	72.4	18.6	102.1	83	80.7	16.9	83.1
Brazil, Belo Horizonte	557	70.7	28.0	84.4	293	70.6	24.9	86.3
Brazil, Cuiabá	197	65.5	29.9	87.8	95	62.1	30.5	77.9
Brazil, Fortaleza	628	71.5	23.2	82.5	471	72.4	23.4	79.0
Brazil, Goiânia	571	82.7	9.1	70.6	359	84.1	10.6	70.8
*Brazil, São Paulo	5524	70.0	20.7	87.6	3426	70.8	17.8	79.6
Chile, Region of Antofagasta	597	56.4	26.3	107.7	244	57.0	22.5	73.0
Chile, Bío Bío Province	88	42.0	8.0	96.6	44	40.9	11.4	106.8
Chile, Valdivia	106	54.7	17.9	113.2	54	46.3	13.0	114.8
Colombia, Bucaramanga	238	60.5	18.9	122.7	185	60.0	18.4	113.5
Colombia, Cali	810	62.0	10.5	89.4	512	63.3	9.4	98.0
Colombia, Manizales	131	81.7	10.7	109.9	98	75.5	15.3	112.2
Colombia, Pasto	58	53.4	29.3	105.2	37	51.4	35.1	110.8
Costa Rica	934	60.7	22.3	86.9	453	66.2	19.9	87.9
Cuba, Villa Clara	1022	55.8	11.6	93.5	501	58.3	12.6	93.2
Ecuador, Cuenca	47	55.3	10.6	106.4	29	51.7	13.8	120.7
Ecuador, Quito	241	71.8	14.9	85.1	217	73.3	17.5	67.7
*France, Martinique	182	95.6		95.1	110	96.4		84.5
*Jamaica, Kingston and St Andrew	243	66.7			65	64.6		
USA, Puerto Rico	2138	73.1	16.8	86.3	1220	73.9	16.7	88.3
Uruguay	3193	57.3	22.4	90.6	731	60.6	20.5	80.8
America, North								
Canada	61404	76.4	2.9	82.8	49474	77.1	2.9	74.2
Canada, Alberta	4508	83.1	0.4	79.5	3929	82.7	0.3	73.7
Canada, British Columbia	7097	81.4	2.6	82.5	6440	82.0	3.1	78.8
Canada, Manitoba	2201	75.6	2.0	76.8	1992	78.0	1.6	71.6
Canada, New Brunswick	1924	81.8	0.1	81.8	1399	80.8	0.1	78.0
Canada, Newfoundland and Labrador	931	88.2	0.3	106.0	572	88.6	0.5	100.9
*Canada, Northwest Territories	41	87.8	2.4	68.3	38	89.5	0.0	73.7
Canada, Nova Scotia	2363	77.4	1.1	84.1	1816	78.2	1.3	78.2
Canada, Ontario	20111	80.9	3.3	85.8	17002	80.4	3.5	78.9
Canada, Prince Edward Island	308	84.1	0.0	81.5	253	85.8	0.0	76.7
*Canada, Quebec	20060	67.5	4.0	81.9	14452	68.1	3.5	76.6
Canada, Saskatchewan	1825	76.8	3.0	81.4	1552	79.0	3.0	75.6
*Canada, Yukon	35	65.7	5.7	125.7	29	72.4	0.0	96.6
USA, NPCR (42 states)	503765	88.4	3.2	79.0	417408	87.4	3.0	73.6
USA, NPCR (42 states): American Indian	2231	86.1	3.4	72.7	1987	86.6	2.9	69.0
USA, NPCR (42 states): Asian and Pacific Islander	8318	91.7	1.5	76.7	6263	91.1	1.8	68.9
USA, NPCR (42 states): Black	54539	88.9	3.4	81.6	39288	89.4	2.6	75.3
USA, NPCR (42 states): White	435876	88.3	3.2	79.3	367779	87.2	3.0	74.0
USA, SEER (9 registries)	44421	89.0	2.2	75.7	39681	87.9	2.4	71.6
*USA, SEER (9 registries): Black	4972	90.4	1.8		3919	89.2	1.6	
*USA, SEER (9 registries): White	35816	88.5	2.3		33168	87.5	2.6	
USA, SEER (18 registries)	133251	88.5	2.0	71.4	115007	87.4	2.1	68.5
*USA, SEER (18 registries): Asian and Pacific Islander	7147	91.6	1.6		5005	90.7	1.8	
*USA, SEER (18 registries): Black	14854	88.9	2.4		11033	89.4	1.7	
*USA, SEER (18 registries): Hispanic White	6638	88.2	1.7		5471	88.4	1.8	
*USA, SEER (18 registries): Non−Hispanic White	103744	88.3	2.0		92714	86.9	2.2	
*USA, SEER (18 registries): White	110382	88.3	2.0		98185	87.0	2.1	
USA, Alabama	11366	91.1	2.5	84.8	7394	90.9	2.6	79.1
USA, Alabama: Black	2093	90.5	2.8	89.3	1161	94.0	1.6	81.3
USA, Alabama: White	9217	91.2	2.4	84.1	6184	90.3	2.8	79.1
USA, Alaska	926	87.9	1.7	69.5	707	88.1	1.0	67.0
*USA, Alaska: American Indian	171	88.3	0.0	70.8	140	90.7	0.0	75.0
USA, Arizona	9326	85.4	5.1	80.9	8178	85.4	4.9	71.7
USA, Arizona: American Indian	76	80.3	2.6	65.8	63	88.9	4.8	52.4
USA, Arizona: Asian and Pacific Islander	71	87.3	5.6	57.7	77	90.9	3.9	51.9
USA, Arizona: Black	198	83.8	5.1	89.4	195	86.7	6.2	68.7
USA, Arizona: White	8949	85.4	5.1	81.4	7816	85.3	4.8	72.4
USA, Arkansas	7638	89.2	3.0	82.3	5153	89.2	2.5	79.9
USA, Arkansas: Black	824	89.9	3.5	91.4	454	89.0	2.9	75.6
USA, Arkansas: White	6783	89.1	2.9	81.4	4665	89.2	2.5	80.5
USA, California	45376	88.5	1.3	78.4	41778	86.9	1.4	74.7
USA, California: American Indian	169	87.0	1.2	96.4	176	76.1	2.8	85.2
USA, California: Asian and Pacific Islander	4421	91.2	1.3	76.5	3084	90.6	1.3	70.7
USA, California: Black	3585	88.8	1.9	82.6	3015	90.0	1.4	73.8
USA, California: White	36900	88.1	1.2	78.7	35265	86.4	1.4	75.6
USA, California, Los Angeles County	10301	89.7	1.8	80.8	9083	88.8	1.8	75.8
*USA, California, Los Angeles County: Asian and Pacific Islander	1458	91.4	1.9		950	89.9	1.6	
*USA, California, Los Angeles County: Black	1572	88.7	1.7		1346	91.1	1.4	
*USA, California, Los Angeles County: Chinese	449	87.3	2.4		326	89.6	1.2	
*USA, California, Los Angeles County: Filipino	366	93.7	1.1		211	94.8	0.9	
*USA, California, Los Angeles County: Hispanic White	1534	89.0	1.7		1183	87.7	1.4	

*Important. See note on population page.

Indices of data quality

Lung (C33-34) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	216	91.7	2.3		144	87.5	1.4	
*USA, California, Los Angeles County: Korean	195	91.8	2.6		123	84.6	3.3	
*USA, California, Los Angeles County: Non−Hispanic White	5695	89.6	1.8		5559	88.3	2.1	
*USA, California, Los Angeles County: White	7229	89.5	1.8		6742	88.2	1.9	
USA, California, San Francisco Bay Area	5713	88.8	1.7	75.2	5573	85.9	2.2	74.4
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	1181	90.9	0.8		818	89.7	1.0	
*USA, California, San Francisco Bay Area: Black	740	88.8	2.3		693	86.0	2.2	
*USA, California, San Francisco Bay Area: Hispanic White	358	86.9	0.8		355	86.2	2.3	
*USA, California, San Francisco Bay Area: Non−Hispanic White	3395	88.2	2.0		3668	85.0	2.5	
*USA, California, San Francisco Bay Area: White	3753	88.0	1.9		4023	85.1	2.5	
USA, Colorado	5208	88.0	4.2	78.5	5003	85.7	4.7	72.6
USA, Colorado: Asian and Pacific Islander	72	90.3	4.2	68.1	68	92.6	1.5	70.6
USA, Colorado: Black	201	87.6	5.5	80.1	138	89.1	4.3	77.5
USA, Colorado: White	4912	88.0	4.2	78.6	4762	85.5	4.7	72.6
USA, Connecticut	6576	92.3	2.2	73.3	6473	90.9	2.6	69.0
*USA, Connecticut: Black	451	94.2	1.8		328	91.8	1.5	
*USA, Connecticut: White	6049	92.1	2.2		6084	90.8	2.6	
USA, Delaware	1970	89.6	3.5	76.8	1790	88.4	3.3	71.8
USA, Delaware: Black	278	91.7	3.6	77.3	247	91.1	2.4	74.5
USA, Delaware: White	1673	89.2	3.5	76.7	1522	88.0	3.4	71.3
USA, Florida	43546	88.1	5.6	78.2	36038	88.5	4.0	71.6
USA, Florida: Asian and Pacific Islander	144	96.5	0.0	104.9	197	93.4	0.0	77.2
USA, Florida: Black	3639	90.0	4.9	78.7	2170	92.1	2.3	72.1
USA, Florida: White	39448	87.9	5.7	78.5	33405	88.3	4.1	72.0
USA, Georgia	16574	89.1	3.3	79.3	11937	87.8	3.6	73.1
USA, Georgia: Asian and Pacific Islander	84	96.4	0.0	82.1	70	91.4	4.3	78.6
USA, Georgia: Black	3544	89.1	3.8	79.6	2248	90.3	2.5	73.7
USA, Georgia: White	12903	89.0	3.2	79.4	9601	87.2	3.9	73.0
USA, Georgia, Atlanta	3655	92.1	2.1	75.9	3095	91.3	2.2	71.3
*USA, Georgia, Atlanta: Black	1238	92.4	2.3		886	92.8	1.6	
*USA, Georgia, Atlanta: White	2340	91.9	2.1		2164	90.7	2.4	
USA, Idaho	2130	82.4	5.1	76.6	1787	84.3	3.6	72.5
USA, Illinois	24475	89.4	2.6	76.7	20931	88.2	2.4	72.0
USA, Illinois: Asian and Pacific Islander	287	92.0	1.4	89.9	191	96.3	1.6	68.1
USA, Illinois: Black	3615	89.3	4.3	79.1	2917	89.0	4.3	76.1
USA, Illinois: White	20429	89.3	2.3	76.6	17742	88.0	2.2	71.7
USA, Indiana	13933	88.3	3.4	81.6	11460	88.0	2.5	74.8
USA, Indiana: Black	986	88.9	4.3	84.4	773	89.1	2.7	79.3
USA, Indiana: White	12869	88.2	3.3	81.8	10619	87.9	2.5	74.7
USA, Iowa	6673	86.6	2.4	78.4	5097	86.7	2.4	73.9
USA, Kentucky	12648	86.6	2.0	78.1	9632	86.1	1.7	71.6
USA, Louisiana	8120	87.8	2.2	81.8	5796	86.0	2.3	77.5
*USA, Louisiana: Black	2235	87.4	2.9		1324	86.8	2.8	
*USA, Louisiana: White	5831	87.9	2.0		4438	85.9	2.2	
*USA, Louisiana, New Orleans	1523	87.3	4.6		1131	86.6	4.3	
*USA, Louisiana, New Orleans: Black	537	85.8	6.1		354	89.0	4.0	
*USA, Louisiana, New Orleans: White	963	88.1	3.7		766	85.9	4.6	
USA, Maine	3424	85.8	2.7	76.1	2853	83.2	3.2	74.7
USA, Massachusetts	12337	89.8	2.8	77.2	12477	88.4	2.5	70.7
USA, Massachusetts: Asian and Pacific Islander	181	91.2	1.1	80.1	136	88.2	3.7	56.6
USA, Massachusetts: Black	500	89.8	3.2	77.8	370	92.2	1.9	76.8
USA, Massachusetts: White	11614	89.7	2.9	77.3	11927	88.2	2.5	70.9
USA, Michigan	20892	86.0	2.0	77.7	17953	85.3	1.8	71.5
USA, Michigan: Asian and Pacific Islander	73	86.3	0.0	83.6	79	88.6	1.3	69.6
USA, Michigan: Black	2793	86.6	0.8	75.4	2307	84.6	0.5	68.1
USA, Michigan: White	17851	86.0	2.2	78.3	15429	85.4	1.9	72.2
USA, Michigan, Detroit	8545	90.5	2.0	72.6	7874	89.5	2.5	67.1
*USA, Michigan, Detroit: Black	2068	89.3	1.3		1719	87.8	1.3	
*USA, Michigan, Detroit: White	6387	90.8	2.2		6102	90.0	2.8	
USA, Mississippi	7185	90.3	3.6	85.0	4533	88.9	5.0	78.9
USA, Missouri	14186	85.7	3.5	79.8	11070	85.0	2.9	74.0
USA, Missouri: Black	1264	88.3	3.3	82.8	1026	88.4	2.3	73.1
USA, Missouri: White	12806	85.4	3.6	79.8	9955	84.6	3.0	74.3
USA, Montana	1817	83.9	5.7	79.5	1652	84.0	5.4	74.8
USA, Montana: American Indian	85	89.4	2.4	65.9	92	89.1	6.5	51.1
USA, Nebraska	3449	88.1	2.8	76.6	2619	88.8	2.4	71.0
USA, Nebraska: Black	109	91.7	2.8	90.8	82	87.8	1.2	85.4
USA, Nebraska: White	3305	88.0	2.8	76.1	2509	88.8	2.4	70.9
USA, New Hampshire	2502	86.5	1.9	77.1	2326	84.0	2.4	71.8
USA, New Jersey	15310	90.4	2.0	77.3	14708	89.2	2.2	72.0
*USA, New Jersey: Black	1791	90.3	2.2		1521	90.8	1.4	
*USA, New Jersey: White	13099	90.5	1.9		12867	89.0	2.1	
USA, New Mexico	2450	79.9	7.2	81.0	2073	81.3	7.0	76.7
*USA, New Mexico: Hispanic White	547	75.7	9.0		431	82.8	6.7	
*USA, New Mexico: Non−Hispanic White	1789	81.1	6.8		1561	80.9	7.0	
*USA, New Mexico: White	2336	79.8	7.3		1992	81.3	6.9	
USA, New York State	34020	89.5	1.6	73.0	31723	87.7	1.8	68.9
USA, New York State: Asian and Pacific Islander	1006	93.6	1.3	71.5	650	92.3	1.1	58.2
USA, New York State: Black	4081	92.2	1.4	73.1	3493	90.6	0.9	71.2
USA, New York State: White	28641	88.9	1.6	73.6	27400	87.2	1.9	69.1
USA, North Carolina	19526	89.3	3.5	78.6	14396	87.9	3.7	73.1
USA, North Carolina: American Indian	167	90.4	4.8	85.6	93	93.5	2.2	84.9
USA, North Carolina: Asian and Pacific Islander	51	90.2	3.9	76.5	53	88.7	3.8	79.2
USA, North Carolina: Black	3461	89.7	3.6	80.5	2044	90.1	3.4	75.0
USA, North Carolina: White	15796	89.3	3.4	78.4	12150	87.5	3.7	73.0
USA, North Dakota	1190	91.0	1.3	78.9	931	91.1	0.9	75.2
USA, Ohio	25915	91.2	2.6	81.7	20941	91.1	2.1	76.4
USA, Ohio: Asian and Pacific Islander	66	90.9	3.0	62.1	69	98.6	0.0	62.3
USA, Ohio: Black	2713	90.5	3.1	83.9	2242	92.9	2.1	76.0
USA, Ohio: White	22946	91.2	2.5	82.1	18489	90.8	2.1	77.0

*Important. See note on population page.

Indices of data quality

Lung (C33-34) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	8753	83.9	4.7	80.0	6790	85.0	3.7	73.4
USA, Oklahoma: American Indian	637	83.7	4.1	51.6	532	84.4	3.0	50.4
USA, Oklahoma: Black	497	82.9	6.0	78.3	327	89.0	3.7	76.1
USA, Oklahoma: White	7562	84.0	4.7	82.8	5878	84.7	3.7	75.6
USA, Oregon	6736	83.8	2.8	81.9	6362	83.2	2.4	76.7
USA, Oregon: Asian and Pacific Islander	87	83.9	4.6	81.6	76	84.2	2.6	57.9
USA, Oregon: Black	109	86.2	3.7	77.1	63	81.0	1.6	68.3
USA, Oregon: White	6427	83.7	2.8	83.0	6086	83.2	2.4	77.9
USA, Pennsylvania	28700	88.4	3.0	78.7	23940	86.6	3.0	72.8
USA, Pennsylvania: Asian and Pacific Islander	145	89.0	2.8	77.2	97	91.8	2.1	67.0
USA, Pennsylvania: Black	2576	88.5	3.5	77.6	2339	89.5	2.5	75.5
USA, Pennsylvania: White	25814	88.3	3.0	79.2	21378	86.2	3.0	72.9
USA, Rhode Island	2322	90.3	1.9	74.5	2076	88.8	2.6	70.3
USA, Rhode Island: Black	60	98.3	0.0	91.7	69	92.8	2.9	66.7
USA, Rhode Island: White	2226	90.0	1.9	74.3	1990	88.7	2.5	70.6
USA, South Carolina	9977	87.6	3.1	81.3	6865	86.3	3.6	75.0
USA, South Carolina: Black	2177	87.2	3.0	87.6	1224	85.9	4.0	75.6
USA, South Carolina: White	7729	87.6	3.2	79.9	5592	86.4	3.6	74.9
USA, South Dakota	1545	88.5	3.8	82.7	1119	86.5	3.4	78.9
USA, Tennessee	15111	90.1	4.6	85.0	10598	91.0	3.2	79.9
USA, Tennessee: Black	1640	89.8	5.4	95.3	1220	91.4	3.7	83.8
USA, Tennessee: White	13383	90.1	4.5	84.0	9302	90.9	3.1	79.7
USA, Texas	36372	87.9	4.4	77.8	27399	86.1	5.3	73.7
USA, Texas: Asian and Pacific Islander	349	91.4	4.0	84.8	325	87.4	4.9	75.1
USA, Texas: Black	4601	87.4	4.6	79.4	2843	88.3	3.8	77.1
USA, Texas: White	31060	88.0	4.3	78.2	23992	85.9	5.4	73.9
USA, Utah	1553	90.1	0.5	84.0	1148	87.3	0.6	76.4
USA, Vermont	1295	88.3	2.1	71.7	1157	86.5	2.0	69.7
USA, Virginia	14252	88.4	3.9	81.2	11245	86.8	4.3	77.6
USA, Virginia: Asian and Pacific Islander	184	95.7	0.0	83.7	155	91.0	3.9	77.4
USA, Virginia: Black	2590	88.2	3.9	86.8	1755	87.4	3.6	81.4
USA, Virginia: White	11384	88.3	4.0	80.5	9246	86.6	4.5	77.6
USA, Washington State	10313	86.3	2.0	79.6	9826	85.0	1.8	75.8
USA, Washington, Seattle	7042	87.2	1.2	76.2	6793	85.7	1.3	73.6
USA, West Virginia	5691	83.4	3.4	77.1	4376	82.4	3.0	71.7
USA, Wisconsin	10184	89.1	5.6	78.1	8548	87.9	5.7	73.8
USA, Wisconsin: Black	528	93.4	2.3	82.0	361	93.1	5.3	75.6
USA, Wisconsin: White	9341	89.4	5.9	79.7	7915	88.1	5.8	75.3
USA, Wyoming	738	87.9	0.8	88.6	669	88.6	1.0	79.4
Asia								
Bahrain: Bahraini	161	80.1	6.8	96.9	61	86.9	4.9	108.2
China, Beijing City	11299	64.3	0.3	86.1	6963	57.7	0.6	86.4
*China, Cixian County	715	68.0	4.3	83.4	388	60.1	4.1	83.0
China, Haining County	1102	25.1	4.2	83.1	373	23.3	7.2	71.3
*China, Harbin City, Nangang District	1800	59.3	1.9	80.2	1062	51.4	2.7	89.8
China, Hong Kong	14003	81.7	1.7	86.6	6817	78.5	2.3	83.1
China, Jiashan County	859	43.3	0.7	87.0	280	43.6	1.1	82.9
China, Jiaxing City	609	52.9	3.6	81.0	238	50.0	3.8	76.9
China, Macao	488	80.7	1.6	79.7	259	75.7	3.5	78.0
China, Qidong County	2457	18.2	1.8	89.3	959	20.9	2.0	83.4
*China, Shanghai City	12413	50.4	0.3	91.9	6238	49.8	0.4	85.4
*China, Wuhan City	7963	51.1		79.2	2930	52.7		71.5
*China, Yangcheng County	170	10.6		63.5	89	9.0		67.4
*China, Yanting County	771	38.7	1.3	82.7	264	27.7	3.4	92.0
*China, Zhongshan City	1479	53.7		83.0	715	47.6		82.2
*India, Bangalore	708	78.8	10.5		246	83.3	11.0	
*India; Barshi, Paranda, and Bhum	19	68.4			25	96.0		
*India, Bhopal	253	75.5	0.0		51	78.4	0.0	
*India, Chennai	1218	63.1	2.3		347	61.7	2.3	
*India, Dindigul, Ambilikkai	173	72.3	1.7		50	66.0	0.0	
*India, Karunagappally	195	66.7	3.1		28	71.4	7.1	
*India, Mizoram	390	67.2	5.6		369	69.4	7.3	
*India, Mumbai	2134	74.1	11.5		824	71.1	15.3	
*India, New Delhi	3162	73.9	2.4		793	73.9	1.9	
*India, Poona	439	82.0	11.4		260	77.3	15.0	
*India, Sikkim State	67	70.1	1.5		55	63.6	3.6	
*India, Trivandrum	268	75.4	1.5		60	75.0	1.7	
*Iran (Islamic Republic of), Golestan Province	278	28.4	17.6	44.2	93	18.3	20.4	48.4
Israel	5880	88.3	8.2	85.9	3018	86.3	9.3	77.8
*Israel: Jews	5114	88.0	8.4		2887	86.4	9.2	
*Israel: Non–Jews	766	90.6	6.5		131	84.7	11.5	
Japan, Aichi Prefecture	2539	80.9	11.1	74.0	967	77.7	15.3	65.4
Japan, Fukui Prefecture	2191	44.8	4.9	74.3	847	44.9	6.0	65.5
Japan, Hiroshima	2739	90.2	8.8	62.2	1373	88.1	11.1	49.3
Japan, Miyagi Prefecture	5622	73.3	12.1	73.7	2196	71.2	14.4	63.1
Japan, Nagasaki Prefecture	4321	74.5	12.3	76.1	1958	71.3	16.2	68.4
Japan, Niigata Prefecture	6828	68.5	17.1	77.2	2491	68.0	18.7	63.0
*Japan, Osaka Prefecture	19929	73.3	17.6	83.3	8408	68.3	21.1	77.1
Japan, Saga Prefecture	2182	78.9	9.2	78.0	896	72.8	10.0	73.2
Republic of Korea	61462	81.2	5.2	81.1	23322	71.8	9.0	75.5
Republic of Korea, Busan	4335	74.7	6.8	84.1	1686	65.3	11.7	80.1
Republic of Korea, Daegu	2937	84.1	3.9	25.5	1172	72.0	9.0	69.0
Republic of Korea, Daejeon	1416	84.5	4.2	83.4	542	75.1	7.4	76.8
Republic of Korea, Gwangju	1501	77.9	2.7	75.7	591	71.4	4.4	75.0
Republic of Korea, Incheon	2456	84.9	2.4	86.5	959	77.6	3.5	75.9
Republic of Korea, Jejudo	458	86.9	0.2	86.2	187	75.9	1.1	81.8
Republic of Korea, Seoul	10027	86.0	5.0	75.7	4247	80.4	6.9	69.3
Republic of Korea, Ulsan	1019	83.6	3.5	81.4	392	73.2	7.9	80.1

*Important. See note on population page.

Indices of data quality

Lung (C33-34) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	310	87.4	1.3	92.9	93	84.9	3.2	120.4
*Kuwait: Kuwaitis	143	82.5	2.8		59	79.7	5.1	
*Kuwait: Non−Kuwaitis	167	91.6	0.0		34	94.1	0.0	
*Malaysia, Penang	610	82.5			231	87.9		
*Malaysia, Penang: Chinese	430	86.3			177	88.1		
*Malaysia, Penang: Indian	38	71.1			14	92.9		
*Malaysia, Penang: Malay	138	73.9			39	84.6		
*Philippines, Manila	3168	55.3	9.1		1379	56.9	7.0	
*Philippines, Rizal	3189	51.4	10.5		1308	53.5	8.9	
Qatar: Qatari	48	79.2	2.1	81.2	10	80.0	10.0	90.0
*Saudi Arabia, Riyadh: Saudi	275	96.0	1.5		98	94.9	3.1	
Singapore	3852	87.0	2.0	88.4	1898	83.3	3.2	83.2
Singapore: Chinese	3338	87.2	2.0	87.7	1713	82.7	3.4	82.4
Singapore: Indian	125	87.2	0.8	88.8	28	96.4	0.0	100.0
Singapore: Malay	355	85.1	2.3	86.5	143	86.7	2.1	81.8
Thailand, Bangkok	4132	46.6	6.9	73.1	2100	49.7	6.6	71.8
Thailand, Chiang Mai	1577	58.6	11.8	89.1	1197	51.0	12.9	90.6
Thailand, Chonburi	934	59.6	5.7	67.6	427	60.4	4.2	79.4
*Thailand, Khon Kaen	745	44.7	8.7		294	56.1	8.8	
Thailand, Lampang	1184	71.7	6.1	64.4	694	69.9	7.3	61.5
*Thailand, Songkhla	624	69.2	6.9		204	69.1	9.3	
*Turkey, Antalya	1757	85.7	3.9	86.0	246	80.5	5.7	91.9
*Turkey, Edirne	846	73.6	9.6		61	70.5	6.6	
*Turkey, Izmir	8331	85.2	5.3		1057	76.7	12.2	
*Turkey, Trabzon	628	85.4	2.1		69	82.6	4.3	
Europe								
Austria	13562	85.7	9.5	85.3	6744	84.8	10.2	79.1
Austria, Tyrol	1095	93.0	0.5	82.4	515	90.7	0.4	86.0
Austria, Vorarlberg	625	88.6	4.0	77.0	252	88.9	4.8	76.6
*Belarus	18567	84.1		82.0	2632	75.7		69.5
*Belgium	21890	95.2		90.1	6788	95.6		78.5
Bulgaria	15934	61.3	11.8	85.3	3010	59.0	16.5	95.4
Croatia	11655	74.3	5.4	91.2	3247	68.3	6.9	84.7
Cyprus	726	86.4	11.2	88.7	212	86.3	10.8	83.7
Czech Republic	23320	78.2	1.1	89.4	8120	76.4	1.3	85.7
Denmark	10822	89.3	0.9	91.8	9252	89.4	0.9	87.5
*Estonia	2643	79.2		102.8	700	75.3		99.3
Finland	8126	83.8	2.2	87.6	3250	81.2	3.1	82.0
*France, Bas−Rhin	2098	94.5		80.3	670	96.7		76.1
*France, Calvados	1459	92.8		83.6	370	95.7		78.4
*France, Doubs	1076	96.9		82.0	285	94.7		82.8
*France, Haut−Rhin	1366	97.7		91.9	402	97.0		88.1
*France, Hérault	2127	93.8		88.6	666	93.2		77.5
*France, Isère	2298	93.2		75.6	600	94.2		74.0
*France, Loire−Atlantique	2117	94.9		83.3	632	94.5		82.4
*France, Manche	1029	96.5		91.9	245	95.9		91.0
*France, Somme	1353	91.6		83.4	261	89.7		87.0
*France, Tarn	830	95.1		76.1	229	94.8		73.8
*France, Vendée	1004	97.3		104.4	300	95.7		96.3
Germany, Brandenburg	6125	80.9	15.8	86.1	2019	75.5	20.6	78.6
Germany, Bremen	1939	83.8	9.1	74.7	952	82.9	9.0	74.1
Germany, Free State of Saxony	9324	78.5	16.1	84.4	2717	74.6	18.7	79.4
Germany, Hamburg	4045	88.6	7.9	85.0	2266	87.0	9.0	84.5
Germany, Mecklenburg−Western Pomerania	4174	81.1	14.7	85.0	1333	79.1	17.9	84.4
Germany, Munich	5976	81.4	14.6	82.5	3156	79.3	17.3	77.3
Germany, North Rhine−Westphalia	6012	82.5	7.0	88.2	2323	82.0	7.7	85.8
Germany, Saarland	3048	85.4	10.4	84.1	1215	84.2	11.4	80.0
Germany, Schleswig−Holstein	6659	79.3	14.6	80.2	3012	75.8	16.5	77.3
Iceland	400	93.2	0.5	79.5	363	93.7	0.3	84.3
Ireland	5543	79.5	2.0	87.4	3787	76.0	2.9	82.8
Italy, Biella	633	71.6	0.8	91.8	197	66.5	0.0	85.8
Italy, Brescia	2098	69.3	2.4	91.7	595	66.6	5.4	91.3
Italy, Catania and Messina	2001	76.6	1.6	94.6	442	74.2	3.4	85.7
Italy, Catanzaro	401	76.1	1.2	82.3	70	67.1	0.0	77.1
Italy, Como	1416	74.9	1.2	89.3	410	76.8	1.7	83.7
Italy, Ferrara	1343	75.6	1.5	91.5	405	70.4	1.5	80.5
Italy, Florence and Prato	1972	70.6	1.2	91.5	672	65.8	1.9	85.6
Italy, Friuli−Venezia Giulia	3125	79.8	0.7	91.3	1302	75.0	0.8	84.9
Italy, Genoa	2415	68.7	1.4	86.1	813	66.1	3.9	78.6
Italy, Latina	1216	64.5	2.5	91.6	263	69.6	4.2	95.1
Italy, Lecco	820	59.8	0.9	84.4	282	59.2	0.0	79.1
Italy, Lombardy, South	1446	60.1	0.9	90.0	386	52.6	1.6	83.4
Italy, Mantua	653	75.0	1.8	87.4	196	64.8	3.1	82.7
Italy, Milan	3074	75.1	2.8	89.0	1424	68.8	5.2	84.1
Italy, Modena	1898	79.4	0.4	87.2	606	78.1	0.7	83.7
Italy, Naples	1124	76.5	2.8	85.1	222	76.1	5.9	86.0
Italy, Nuoro	454	67.2	1.8	89.9	79	64.6	2.5	86.1
Italy, Palermo	1840	70.7	3.2	94.8	439	65.1	4.8	96.1
Italy, Parma	1084	83.2	0.0	93.5	420	76.0	0.2	83.1
Italy, Ragusa	532	76.3	2.4	84.4	108	73.1	3.7	85.6
Italy, Reggio Emilia	1404	76.6	0.2	89.7	416	76.9	0.7	79.8
Italy, Romagna	3436	77.1	1.2	85.1	1074	74.6	2.2	79.4
Italy, Salerno	2414	67.2	4.9	90.9	399	63.7	8.0	87.7
Italy, Sassari	998	75.9	3.8	90.0	278	72.3	8.3	90.3
Italy, Sondrio	524	76.3	0.4	86.6	145	75.2	0.7	80.0
Italy, South Tyrol	599	85.8	0.8	88.3	253	81.4	1.6	77.1

*Important. See note on population page.

Indices of data quality

Lung (C33-34) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	802	70.7	2.1	91.6	161	65.8	6.8	95.0
Italy, Trapani	638	69.4	0.5	98.1	126	75.4	3.2	88.1
Italy, Trento	732	80.1	1.2	101.6	243	72.4	2.9	105.8
Italy, Turin	2647	78.7	2.0	89.9	930	72.6	2.0	78.8
Italy, Umbria	2061	91.6	0.2	89.4	644	91.1	0.2	78.9
Italy, Varese	2170	74.7	1.3	96.4	646	71.7	2.5	91.0
Italy, Veneto	4752	75.2	1.1	90.2	1651	69.4	2.5	83.3
Latvia	3998	60.3	13.3	88.4	961	54.2	17.5	83.1
Lithuania	6575	68.9	7.9	91.2	1318	60.0	9.2	86.9
Malta	560	89.1	9.5	96.2	119	90.8	5.9	78.2
*Netherlands	33332	92.0		94.9	17411	92.4		87.1
*Netherlands, Eindhoven	2269	90.9		100.9	1047	89.4		90.7
Norway	7182	89.3	1.0	83.6	4886	89.1	1.1	79.9
Poland, Cracow	1252	80.3	6.6	90.4	568	72.2	6.5	84.0
Poland, Kielce	3087	88.3	3.2	95.3	721	84.6	3.1	85.0
Poland, Lower Silesia	6635	69.3	0.4	98.6	2705	66.1	0.5	89.3
Poland, Podkarpackie	4140	71.7	6.2	89.6	959	65.4	7.7	78.9
Portugal, Azores	486	81.9	6.4	95.7	69	71.0	7.2	89.4
Russian Federation, Saint Petersburg	7116	58.0	0.0	101.3	2139	46.8	0.1	100.2
*Serbia, Central	12632	75.3	8.9	93.8	3965	73.6	10.2	90.5
Slovakia	9453	77.1	12.8	87.1	2465	69.5	17.6	79.0
Slovenia	4507	91.5	1.2	88.4	1527	91.4	1.2	87.4
Spain, Albacete	759	82.5	2.4	86.2	95	88.4	1.1	77.9
Spain, Asturias	3221	88.4	4.9	92.0	545	85.0	4.4	80.0
Spain, Basque Country	5205	85.4	2.3	83.3	978	85.0	3.4	78.8
Spain, Canary Islands	2001	84.6	2.1	87.6	442	83.7	5.0	86.0
Spain, Ciudad Real	952	77.7	3.8	91.5	114	67.5	2.6	74.6
Spain, Cuenca	527	81.2	7.6	78.2	58	75.9	10.3	82.8
Spain, Girona	1478	86.8	3.2	80.7	240	80.8	9.6	76.2
*Spain, Granada	1510	78.8		93.9	210	82.9		101.4
Spain, La Rioja	592	82.8	2.5	86.1	89	75.3	3.4	88.8
Spain, Mallorca	1755	87.6	3.2	97.0	352	87.2	5.1	89.5
Spain, Murcia	2572	86.3	2.9	81.9	339	84.4	4.4	74.0
Spain, Navarra	1350	89.1	1.3	85.0	232	90.5	1.3	75.0
Spain, Tarragona	1567	86.3	2.6	80.0	254	82.7	6.7	72.4
*Sweden	9087	96.5		101.9	7791	96.4		98.0
Switzerland, Basel	754	96.8	3.1	93.4	402	96.0	4.0	82.8
Switzerland, Geneva	743	91.0	0.5	72.1	405	89.9	0.5	70.6
Switzerland, Graubünden and Glarus	440	89.5	0.2	77.5	181	87.8	1.7	80.7
Switzerland, Neuchâtel	358	89.9	0.3	82.4	186	88.2	0.0	78.0
Switzerland, St Gall−Appenzell	804	92.5	0.1	78.7	354	93.5	0.3	70.1
Switzerland, Ticino	674	89.6	3.0	77.7	335	90.1	2.4	77.3
Switzerland, Valais	523	89.7	0.8	79.3	235	89.4	0.4	74.9
Switzerland, Vaud	1125	91.5	2.2	77.1	650	91.7	1.7	72.2
Switzerland, Zurich	1941	91.0	2.3	76.2	1109	92.7	1.9	70.3
Ukraine	79481	47.2	0.6	83.6	16290	41.6	0.6	73.7
UK, England	91908	69.7	4.2	86.1	66276	65.6	4.6	84.7
UK, England, East of England Region	9242	69.5	3.1	88.4	6224	64.9	3.3	86.8
UK, England, North Western	14188	62.3	1.9	86.1	11280	58.0	1.9	84.1
UK, England, Northern and Yorkshire	15174	70.5	1.8	86.0	11882	66.3	1.8	86.3
UK, England, Oxford Region	3934	73.2	3.0	84.4	2700	68.9	3.5	84.7
UK, England, South and Western Regions	11849	71.0	3.9	85.8	8179	67.1	5.4	84.5
UK, England, Thames	17470	71.1	5.4	86.1	12693	67.0	6.0	83.8
UK, England, Trent	6035	73.7	3.0	82.4	4309	70.0	2.8	80.7
UK, England, West Midlands	10021	71.8	11.7	88.1	6426	69.2	12.9	85.7
UK, Northern Ireland	2855	66.4	1.9	88.7	1916	64.3	2.1	86.3
UK, Scotland	12712	73.9	0.9	86.0	10941	69.3	0.9	82.9
UK, Wales	6488	61.6	6.1	83.4	4626	59.9	6.5	81.3
Oceania								
Australian Capital Territory	263	86.3	1.9	83.3	199	82.9	2.0	68.8
Australia, New South Wales	9665	83.6	2.4	79.7	5824	82.7	2.6	76.0
Australia, Northern Territory	208	89.9	0.5	78.4	91	87.9	0.0	76.9
Australia, Northern Territory: Indigenous	50	88.0	2.0	104.0	28	92.9	0.0	89.3
Australia, Northern Territory: Non−Indigenous	158	90.5	0.0	69.0	63	85.7	0.0	68.3
Australia, Queensland	5900	79.6	2.3	81.8	3218	81.6	2.4	79.1
South Australia	2442	84.5	0.0	79.7	1426	82.7	0.0	78.3
Australia, Tasmania	838	81.0	0.2	87.0	527	83.5	0.0	81.6
Australia, Victoria	7358	79.8	3.6	79.3	4435	77.9	5.6	77.5
Western Australia	2787	86.0	0.6	78.3	1674	82.2	0.7	77.0
New Zealand	5124	75.1	6.7	84.2	3873	75.3	7.0	81.6
New Zealand: Maori	719	79.4	5.8	81.6	839	79.5	5.1	77.7
New Zealand: Pacific Islander	240	74.2	7.1	74.6	120	80.8	2.5	76.7
New Zealand: Other	4165	74.4	6.8	85.2	2914	73.9	7.7	82.9
USA, Hawaii	2214	90.6	2.6	73.5	1555	89.4	3.3	69.9
*USA, Hawaii: Chinese	118	85.6	3.4		92	88.0	5.4	
*USA, Hawaii: Filipino	389	91.3	2.6		213	92.5	2.8	
*USA, Hawaii: Hawaiian	347	93.4	2.9		305	89.8	3.9	
*USA, Hawaii: Japanese	575	89.4	3.1		346	89.0	2.9	
*USA, Hawaii: White	630	89.7	2.4		484	87.0	3.5	

*Important. See note on population page.

Indices of data quality

Melanoma of skin (C43)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	5	80.0			5	100.0		
Egypt, Gharbiah	19	94.7	0.0	15.8	23	100.0	0.0	30.4
*Libya, Benghazi	4	100.0	0.0	25.0	5	100.0	0.0	20.0
*Malawi, Blantyre	18	77.8			37	83.8		
*South Africa, PROMEC	11	90.9			10	90.0		
*Tunisia, North	38	100.0			41	100.0		
*Uganda, Kyadondo County	13	69.2	0.0		29	65.5	0.0	
*Zimbabwe, Harare: African	14	92.9	7.1		21	95.2	0.0	
America, Central and South								
Argentina, Bahía Blanca	23	87.0	13.0	43.5	20	90.0	10.0	55.0
Argentina, Córdoba	100	97.0	3.0	37.0	102	98.0	2.0	25.5
Argentina, Mendoza	130	99.2	0.8	33.1	148	98.6	0.7	28.4
*Argentina, Tierra del Fuego	7	100.0	0.0	42.9	9	100.0	0.0	0.0
Brazil, Aracaju	28	96.4	3.6	25.0	33	100.0	0.0	15.2
Brazil, Belo Horizonte	94	94.7	5.3	29.8	114	90.4	8.8	27.2
Brazil, Cuiabá	26	96.2	0.0	11.5	32	100.0	0.0	25.0
Brazil, Fortaleza	71	98.6	1.4	29.6	64	92.2	4.7	32.8
Brazil, Goiânia	165	98.2	1.2	15.2	145	98.6	0.0	9.0
*Brazil, São Paulo	1309	96.6	3.4	24.8	1421	98.0	2.0	18.4
Chile, Region of Antofagasta	27	100.0	0.0	59.3	27	100.0	0.0	29.6
Chile, Bío Bío Province	23	100.0	0.0	30.4	24	100.0	0.0	16.7
Chile, Valdivia	33	100.0	0.0	21.2	25	96.0	0.0	40.0
Colombia, Bucaramanga	35	94.3	0.0	25.7	62	98.4	1.6	29.0
Colombia, Cali	175	98.9	0.0	19.4	178	97.2	0.6	13.5
Colombia, Manizales	27	96.3	0.0	37.0	36	97.2	2.8	30.6
Colombia, Pasto	16	100.0	0.0	0.0	30	100.0	0.0	10.0
Costa Rica	234	100.0	0.0	38.0	221	100.0	0.0	24.0
Cuba, Villa Clara	39	100.0	0.0	35.9	41	100.0	0.0	19.5
Ecuador, Cuenca	20	95.0	0.0	45.0	30	83.3	0.0	20.0
Ecuador, Quito	105	99.0	1.0	35.2	138	98.6	0.0	27.5
*France, Martinique	27	100.0		25.9	25	100.0		28.0
*Jamaica, Kingston and St Andrew	9	100.0			10	100.0		
USA, Puerto Rico	233	96.6	3.0	23.6	214	94.9	4.2	19.3
Uruguay	301	100.0	0.0	30.6	277	100.0	0.0	28.9
America, North								
Canada	11737	96.5	0.3	20.1	10387	96.3	0.2	14.3
Canada, Alberta	1121	99.9	0.0	19.3	1044	99.9	0.1	13.8
Canada, British Columbia	1953	99.3	0.3	18.3	1626	99.4	0.1	15.3
Canada, Manitoba	362	100.0	0.0	21.0	305	100.0	0.0	16.7
Canada, New Brunswick	331	99.7	0.0	15.1	295	100.0	0.0	12.9
Canada, Newfoundland and Labrador	173	99.4	0.6	30.1	158	99.4	0.0	14.6
*Canada, Northwest Territories	5	100.0	0.0	0.0	5	100.0	0.0	20.0
Canada, Nova Scotia	529	99.6	0.2	18.5	507	99.8	0.2	11.8
Canada, Ontario	5370	97.9	0.3	20.5	4782	97.9	0.1	14.2
Canada, Prince Edward Island	79	100.0	0.0	16.5	71	100.0	0.0	7.0
*Canada, Quebec	1491	81.2	0.7	29.8	1322	79.0	0.8	21.0
Canada, Saskatchewan	316	99.7	0.3	23.7	264	100.0	0.0	17.8
*Canada, Yukon	7	100.0	0.0	14.3	8	100.0	0.0	12.5
USA, NPCR (42 states)	135258	98.8	0.6	17.3	103056	99.0	0.4	12.6
USA, NPCR (42 states): American Indian	232	97.4	1.7	21.1	226	98.7	1.3	14.2
USA, NPCR (42 states): Asian and Pacific Islander	253	99.2	0.0	28.1	293	99.0	0.3	25.9
USA, NPCR (42 states): Black	558	97.0	1.6	44.6	791	96.5	1.8	39.6
USA, NPCR (42 states): White	128924	98.8	0.6	17.9	96757	99.1	0.4	13.0
USA, SEER (9 registries)	15956	99.5	0.2	14.1	12650	99.3	0.2	9.7
*USA, SEER (9 registries): Black	50	92.0	0.0		69	98.6	0.0	
*USA, SEER (9 registries): White	15461	99.6	0.2		12124	99.3	0.2	
USA, SEER (18 registries)	44851	99.4	0.3	14.0	33983	99.4	0.2	9.8
*USA, SEER (18 registries): Asian and Pacific Islander	230	98.7	0.4		247	99.2	0.4	
*USA, SEER (18 registries): Black	164	96.3	0.0		214	97.7	1.9	
*USA, SEER (18 registries): Hispanic White	892	98.9	0.1		1320	99.5	0.1	
*USA, SEER (18 registries): Non−Hispanic White	41803	99.4	0.3		30513	99.4	0.2	
*USA, SEER (18 registries): White	42695	99.4	0.3		31833	99.4	0.2	
USA, Alabama	2394	98.7	0.8	18.7	1681	99.2	0.4	14.9
USA, Alabama: Black	19	94.7	0.0	42.1	29	96.6	0.0	65.5
USA, Alabama: White	2356	98.7	0.8	18.7	1628	99.3	0.4	14.3
USA, Alaska	168	100.0	0.0	19.6	144	100.0	0.0	13.9
*USA, Alaska: American Indian	3	100.0	0.0	66.7	6	100.0	0.0	33.3
USA, Arizona	2884	97.5	1.1	20.9	1849	98.1	0.9	13.7
USA, Arizona: American Indian	17	94.1	5.9	23.5	14	100.0	0.0	7.1
USA, Arizona: Asian and Pacific Islander	0	0.0	0.0	1.0	2	100.0	0.0	50.0
USA, Arizona: Black	4	100.0	0.0	75.0	3	100.0	0.0	33.3
USA, Arizona: White	2677	97.3	1.2	22.2	1671	97.9	1.0	15.0
USA, Arkansas	1167	98.5	0.6	22.4	809	99.3	0.2	16.4
USA, Arkansas: Black	7	100.0	0.0	42.9	6	100.0	0.0	116.7
USA, Arkansas: White	1143	98.6	0.6	22.6	790	99.2	0.3	15.9
USA, California	19014	99.5	0.2	14.9	13574	99.7	0.1	10.5
USA, California: American Indian	35	97.1	0.0	17.1	20	100.0	0.0	20.0
USA, California: Asian and Pacific Islander	116	99.1	0.0	31.9	130	99.2	0.0	23.8
USA, California: Black	45	97.8	0.0	33.3	56	98.2	1.8	30.4
USA, California: White	17700	99.5	0.2	15.7	12314	99.7	0.1	11.1
USA, California, Los Angeles County	3612	99.6	0.1	14.6	2468	99.7	0.1	11.0
*USA, California, Los Angeles County: Asian and Pacific Islander	38	100.0	0.0		43	100.0	0.0	
*USA, California, Los Angeles County: Black	17	94.1	0.0		18	94.4	5.6	
*USA, California, Los Angeles County: Chinese	15	100.0	0.0		13	100.0	0.0	
*USA, California, Los Angeles County: Filipino	5	100.0	0.0		13	100.0	0.0	
*USA, California, Los Angeles County: Hispanic White	214	99.5	0.0		288	100.0	0.0	

*Important. See note on population page.

Melanoma of skin (C43) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	6	100.0	0.0		4	100.0	0.0	
*USA, California, Los Angeles County: Korean	5	100.0	0.0		4	100.0	0.0	
*USA, California, Los Angeles County: Non−Hispanic White	3265	99.6	0.2		2055	99.7	0.1	
*USA, California, Los Angeles County: White	3479	99.6	0.1		2343	99.7	0.1	
USA, California, San Francisco Bay Area	2171	99.5	0.1	16.1	1634	99.8	0.1	10.8
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	12	100.0	0.0		26	100.0	0.0	
*USA, California, San Francisco Bay Area: Black	7	85.7	0.0		9	100.0	0.0	
*USA, California, San Francisco Bay Area: Hispanic White	62	98.4	0.0		73	100.0	0.0	
*USA, California, San Francisco Bay Area: Non−Hispanic White	1999	99.6	0.2		1419	99.8	0.1	
*USA, California, San Francisco Bay Area: White	2061	99.6	0.1		1492	99.8	0.1	
USA, Colorado	2500	98.8	0.9	16.6	2087	99.1	0.6	10.7
USA, Colorado: Asian and Pacific Islander	2	100.0	0.0	50.0	6	100.0	0.0	16.7
USA, Colorado: Black	7	71.4	28.6	42.9	4	100.0	0.0	0.0
USA, Colorado: White	2479	98.9	0.8	16.6	2052	99.1	0.6	10.8
USA, Connecticut	2418	99.5	0.2	14.6	1948	99.7	0.2	10.3
*USA, Connecticut: Black	10	90.0	0.0		10	100.0	0.0	
*USA, Connecticut: White	2344	99.6	0.2		1883	99.7	0.2	
USA, Delaware	604	99.3	0.5	16.9	411	99.5	0.2	9.5
USA, Delaware: Black	2	100.0	0.0	0.0	3	100.0	0.0	0.0
USA, Delaware: White	572	99.3	0.5	17.8	384	99.5	0.3	10.2
USA, Florida	10873	98.0	1.2	20.3	7218	98.7	0.6	14.8
USA, Florida: Asian and Pacific Islander	13	100.0	0.0	15.4	13	100.0	0.0	7.7
USA, Florida: Black	41	95.1	2.4	39.0	66	95.5	3.0	36.4
USA, Florida: White	10488	98.0	1.2	20.8	6913	98.7	0.6	15.0
USA, Georgia	4824	99.3	0.6	12.7	3646	99.4	0.4	9.8
USA, Georgia: Asian and Pacific Islander	2	100.0	0.0	0.0	5	100.0	0.0	0.0
USA, Georgia: Black	44	100.0	0.0	43.2	58	98.3	1.7	29.3
USA, Georgia: White	4692	99.2	0.6	12.6	3497	99.4	0.4	9.8
USA, Georgia, Atlanta	1761	99.8	0.2	8.6	1367	99.7	0.1	6.3
*USA, Georgia, Atlanta: Black	17	100.0	0.0		24	100.0	0.0	
*USA, Georgia, Atlanta: White	1704	99.8	0.2		1303	99.7	0.2	
USA, Idaho	950	98.8	0.9	15.8	686	99.4	0.4	10.3
USA, Illinois	5275	99.3	0.5	18.9	4261	99.3	0.4	14.8
USA, Illinois: Asian and Pacific Islander	9	100.0	0.0	33.3	5	100.0	0.0	140.0
USA, Illinois: Black	26	88.5	7.7	61.5	52	98.1	1.9	36.5
USA, Illinois: White	4892	99.3	0.4	20.0	3865	99.3	0.5	15.7
USA, Indiana	2892	98.9	0.8	20.7	2353	99.2	0.4	13.8
USA, Indiana: Black	9	100.0	0.0	66.7	13	100.0	0.0	76.9
USA, Indiana: White	2688	98.8	0.8	22.1	2184	99.3	0.5	14.3
USA, Iowa	1610	99.6	0.2	15.5	1313	99.4	0.2	12.3
USA, Kentucky	2554	98.9	0.3	18.2	2082	99.2	0.2	12.2
USA, Louisiana	1286	99.5	0.2	18.7	872	99.3	0.1	14.0
*USA, Louisiana: Black	22	100.0	0.0		25	96.0	4.0	
*USA, Louisiana: White	1251	99.5	0.2		832	99.4	0.0	
*USA, Louisiana, New Orleans	208	99.5	0.5		133	100.0	0.0	
*USA, Louisiana, New Orleans: Black	4	100.0	0.0		4	100.0	0.0	
*USA, Louisiana, New Orleans: White	204	99.5	0.5		128	100.0	0.0	
USA, Maine	904	97.1	0.3	15.2	737	97.3	0.1	11.0
USA, Massachusetts	4135	99.4	0.2	15.7	3485	99.3	0.4	11.9
USA, Massachusetts: Asian and Pacific Islander	5	100.0	0.0	0.0	7	100.0	0.0	28.6
USA, Massachusetts: Black	10	100.0	0.0	10.0	9	100.0	0.0	22.2
USA, Massachusetts: White	3835	99.3	0.3	16.9	3202	99.3	0.5	12.9
USA, Michigan	4873	97.6	0.8	16.8	4115	98.4	0.7	10.5
USA, Michigan: Asian and Pacific Islander	6	100.0	0.0	66.7	5	100.0	0.0	20.0
USA, Michigan: Black	20	90.0	5.0	55.0	35	94.3	0.0	48.6
USA, Michigan: White	4569	97.4	0.9	17.6	3802	98.3	0.7	10.8
USA, Michigan, Detroit	1760	99.5	0.2	14.8	1440	99.7	0.2	8.8
*USA, Michigan, Detroit: Black	10	80.0	0.0		21	95.2	0.0	
*USA, Michigan, Detroit: White	1711	99.6	0.2		1391	99.8	0.2	
USA, Mississippi	1141	97.8	1.7	19.2	875	99.2	0.2	13.0
USA, Missouri	2825	98.5	0.6	21.3	2022	98.7	0.6	18.0
USA, Missouri: Black	5	100.0	0.0	140.0	8	87.5	12.5	25.0
USA, Missouri: White	2767	98.5	0.6	21.5	1972	98.7	0.6	18.3
USA, Montana	480	99.4	0.6	17.1	396	98.5	1.3	17.2
USA, Montana: American Indian	9	100.0	0.0	33.3	3	100.0	0.0	33.3
USA, Nebraska	863	98.8	0.6	18.8	673	99.1	0.6	13.7
USA, Nebraska: Black	1	100.0	0.0	0.0	2	100.0	0.0	0.0
USA, Nebraska: White	758	98.7	0.7	21.2	572	99.0	0.7	16.1
USA, New Hampshire	1086	99.5	0.0	13.2	850	99.6	0.1	8.6
USA, New Jersey	5138	99.4	0.4	15.2	4149	99.3	0.2	11.1
*USA, New Jersey: Black	20	95.0	0.0		34	97.1	2.9	
*USA, New Jersey: White	4877	99.4	0.3		3904	99.3	0.2	
USA, New Mexico	936	98.5	0.9	17.0	675	98.4	0.7	15.1
*USA, New Mexico: Hispanic White	58	98.3	1.7		76	97.4	1.3	
*USA, New Mexico: Non−Hispanic White	866	98.6	0.8		590	98.5	0.7	
*USA, New Mexico: White	924	98.6	0.9		666	98.3	0.8	
USA, New York State	8365	99.4	0.2	16.5	6540	99.3	0.1	13.3
USA, New York State: Asian and Pacific Islander	25	96.0	0.0	36.0	24	100.0	0.0	25.0
USA, New York State: Black	60	98.3	1.7	38.3	91	97.8	0.0	30.8
USA, New York State: White	7954	99.4	0.2	17.0	6093	99.3	0.1	13.8
USA, North Carolina	4579	99.2	0.5	17.2	3556	99.2	0.6	14.1
USA, North Carolina: American Indian	5	100.0	0.0	40.0	8	100.0	0.0	25.0
USA, North Carolina: Asian and Pacific Islander	5	100.0	0.0	0.0	3	100.0	0.0	33.3
USA, North Carolina: Black	31	96.8	3.2	64.5	38	97.4	2.6	63.2
USA, North Carolina: White	4491	99.2	0.5	17.1	3462	99.2	0.5	13.7
USA, North Dakota	267	99.3	0.4	15.4	262	99.2	0.0	8.4
USA, Ohio	5840	99.3	0.3	17.7	5068	99.4	0.3	11.7
USA, Ohio: Asian and Pacific Islander	9	100.0	0.0	11.1	2	100.0	0.0	0.0
USA, Ohio: Black	26	100.0	0.0	23.1	37	97.3	0.0	32.4
USA, Ohio: White	5515	99.3	0.3	18.6	4559	99.4	0.3	12.8

*Important. See note on population page.

Melanoma of skin (C43) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	1947	98.0	1.1	21.4	1465	99.2	0.3	15.6
USA, Oklahoma: American Indian	68	94.1	4.4	22.1	74	98.6	1.4	12.2
USA, Oklahoma: Black	11	100.0	0.0	18.2	7	100.0	0.0	14.3
USA, Oklahoma: White	1852	98.2	1.0	21.5	1371	99.3	0.2	15.9
USA, Oregon	2496	98.9	0.5	15.8	2179	99.2	0.5	9.7
USA, Oregon: Asian and Pacific Islander	3	100.0	0.0	33.3	4	100.0	0.0	50.0
USA, Oregon: Black	1	100.0	0.0	0.0	2	100.0	0.0	100.0
USA, Oregon: White	2470	98.9	0.5	15.9	2157	99.2	0.5	9.6
USA, Pennsylvania	6692	99.3	0.4	20.1	5411	99.4	0.2	14.5
USA, Pennsylvania: Asian and Pacific Islander	5	100.0	0.0	0.0	8	100.0	0.0	37.5
USA, Pennsylvania: Black	22	100.0	0.0	45.5	23	100.0	0.0	60.9
USA, Pennsylvania: White	6310	99.3	0.4	21.2	5036	99.4	0.2	15.2
USA, Rhode Island	692	98.7	0.7	15.9	561	99.1	0.4	12.1
USA, Rhode Island: Black	1	100.0	0.0	100.0	3	100.0	0.0	0.0
USA, Rhode Island: White	666	98.9	0.6	16.4	540	99.3	0.4	12.6
USA, South Carolina	2698	98.1	0.7	14.2	1992	98.6	0.7	9.6
USA, South Carolina: Black	17	88.2	5.9	47.1	29	89.7	3.4	48.3
USA, South Carolina: White	2599	98.2	0.7	14.4	1916	98.7	0.6	9.2
USA, South Dakota	324	98.5	0.9	21.9	276	97.5	0.7	18.5
USA, Tennessee	3236	99.5	0.5	18.1	2367	99.5	0.3	13.4
USA, Tennessee: Black	9	100.0	0.0	77.8	30	93.3	0.0	40.0
USA, Tennessee: White	3151	99.5	0.5	18.4	2271	99.5	0.4	13.4
USA, Texas	8303	98.5	0.6	19.9	5634	97.9	0.8	15.8
USA, Texas: Asian and Pacific Islander	4	100.0	0.0	25.0	9	100.0	0.0	55.6
USA, Texas: Black	34	100.0	0.0	55.9	55	89.1	7.3	40.0
USA, Texas: White	7818	98.4	0.7	20.8	5223	98.0	0.8	16.5
USA, Utah	1523	99.9	0.0	14.4	1124	99.8	0.2	8.9
USA, Vermont	525	99.6	0.4	12.8	478	99.6	0.2	7.5
USA, Virginia	4213	99.3	0.5	16.0	3114	99.0	0.8	13.5
USA, Virginia: Asian and Pacific Islander	6	100.0	0.0	33.3	9	100.0	0.0	44.4
USA, Virginia: Black	30	100.0	0.0	36.7	39	92.3	5.1	51.3
USA, Virginia: White	4001	99.3	0.5	16.5	2927	99.0	0.8	13.5
USA, Washington State	4077	99.4	0.2	14.8	3558	98.5	0.4	9.5
USA, Washington, Seattle	2990	99.5	0.0	14.0	2654	98.3	0.3	8.6
USA, West Virginia	1030	99.0	0.6	21.1	786	99.1	0.4	15.8
USA, Wisconsin	2614	97.7	2.3	18.2	2104	98.7	1.3	13.5
USA, Wisconsin: Black	3	100.0	0.0	100.0	11	100.0	0.0	27.3
USA, Wisconsin: White	2567	97.6	2.3	18.3	2062	98.6	1.4	13.5
USA, Wyoming	275	100.0	0.0	20.7	234	99.6	0.4	12.8
Asia								
Bahrain: Bahraini	1	100.0	0.0	100.0	2	100.0	0.0	50.0
China, Beijing City	118	100.0	0.0	37.3	100	100.0	0.0	44.0
*China, Cixian County	3	100.0	0.0	33.3	6	100.0	0.0	50.0
China, Haining County	4	100.0	0.0	75.0	5	100.0	0.0	40.0
*China, Harbin City, Nangang District	3	100.0	0.0	166.7	4	50.0	0.0	125.0
China, Hong Kong	148	99.3	0.0	54.1	122	100.0	0.0	63.1
China, Jiashan County	5	100.0	0.0	100.0	7	100.0	0.0	57.1
China, Jiaxing City	7	57.1	0.0	71.4	5	100.0	0.0	60.0
China, Macao	2	100.0	0.0	0.0	6	83.3	0.0	50.0
China, Qidong County	8	100.0	0.0	87.5	9	100.0	0.0	77.8
*China, Shanghai City	142	90.1	0.0	53.5	124	89.5	0.0	49.2
*China, Wuhan City	74	98.6		45.9	49	100.0		59.2
*China, Yangcheng County	0	0.0		–	0	0.0		–
*China, Yanting County	5	100.0	0.0	0.0	1	100.0	0.0	0.0
*China, Zhongshan City	7	100.0		100.0	12	100.0		41.7
*India, Bangalore	33	97.0	3.0		26	100.0	0.0	
*India; Barshi, Paranda, and Bhum	1	100.0			0	0.0		
*India, Bhopal	10	100.0	0.0		3	100.0	0.0	
*India, Chennai	34	100.0	0.0		38	100.0	0.0	
*India, Dindigul, Ambilikkai	6	100.0	0.0		4	100.0	0.0	
*India, Karunagappally	0	0.0	0.0		6	100.0	0.0	
*India, Mizoram	5	100.0	0.0		4	100.0	0.0	
*India, Mumbai	77	100.0	0.0		67	100.0	0.0	
*India, New Delhi	66	100.0	0.0		49	100.0	0.0	
*India, Poona	18	100.0	0.0		17	100.0	0.0	
*India, Sikkim State	9	100.0	0.0		4	100.0	0.0	
*India, Trivandrum	5	100.0	0.0		9	100.0	0.0	
*Iran (Islamic Republic of), Golestan Province	14	100.0	0.0	0.0	12	100.0	0.0	0.0
Israel	2216	98.0	0.3	19.8	2028	97.7	0.7	21.1
*Israel: Jews	2188	98.1	0.3		1994	97.7	0.7	
*Israel: Non–Jews	28	92.9	3.6		34	100.0	0.0	
Japan, Aichi Prefecture	29	96.6	3.4	44.8	28	92.9	7.1	25.0
Japan, Fukui Prefecture	21	76.2	14.3	33.3	17	52.9	23.5	47.1
Japan, Hiroshima	23	91.3	0.0	47.8	20	95.0	0.0	60.0
Japan, Miyagi Prefecture	63	93.7	6.3	49.2	72	95.8	1.4	33.3
Japan, Nagasaki Prefecture	37	97.3	2.7	43.2	78	94.9	2.6	30.8
Japan, Niigata Prefecture	47	89.4	6.4	63.8	76	86.8	10.5	38.2
*Japan, Osaka Prefecture	110	90.0	0.0	75.5	117	89.7	0.9	68.4
Japan, Saga Prefecture	24	87.5	4.2	41.7	25	88.0	0.0	32.0
Republic of Korea	881	96.6	1.1	45.3	872	97.1	1.4	44.9
Republic of Korea, Busan	56	98.2	0.0	69.6	59	96.6	1.7	37.3
Republic of Korea, Daegu	39	100.0	0.0	53.8	43	97.7	2.3	69.8
Republic of Korea, Daejeon	26	96.2	0.0	50.0	24	100.0	0.0	29.2
Republic of Korea, Gwangju	23	91.3	4.3	47.8	33	97.0	0.0	39.4
Republic of Korea, Incheon	43	100.0	0.0	53.5	40	97.5	0.0	50.0
Republic of Korea, Jejudo	8	87.5	0.0	62.5	10	100.0	0.0	50.0
Republic of Korea, Seoul	168	95.8	3.0	43.5	166	97.0	0.6	45.8
Republic of Korea, Ulsan	13	92.3	0.0	46.2	17	94.1	0.0	52.9

*Important. See note on population page.

Melanoma of skin (C43) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	15	100.0	0.0	26.7	8	100.0	0.0	0.0
*Kuwait: Kuwaitis	2	100.0	0.0		3	100.0	0.0	
*Kuwait: Non−Kuwaitis	13	100.0	0.0		5	100.0	0.0	
*Malaysia, Penang	8	100.0			12	91.7		
*Malaysia, Penang: Chinese	5	100.0			6	83.3		
*Malaysia, Penang: Indian	1	100.0			2	100.0		
*Malaysia, Penang: Malay	2	100.0			4	100.0		
*Philippines, Manila	59	98.3	1.7		62	98.4	1.6	
*Philippines, Rizal	49	95.9	2.0		47	87.2	4.3	
Qatar: Qatari	1	100.0	0.0	0.0	0	0.0	0.0	–
*Saudi Arabia, Riyadh: Saudi	14	100.0	0.0		16	100.0	0.0	
Singapore	50	100.0	0.0	52.0	57	100.0	0.0	47.4
Singapore: Chinese	37	100.0	0.0	56.8	50	100.0	0.0	42.0
Singapore: Indian	2	100.0	0.0	0.0	1	100.0	0.0	100.0
Singapore: Malay	2	100.0	0.0	150.0	5	100.0	0.0	80.0
Thailand, Bangkok	58	100.0	0.0	0.0	45	100.0	0.0	4.4
Thailand, Chiang Mai	28	100.0	0.0	78.6	19	100.0	0.0	57.9
Thailand, Chonburi	16	100.0	0.0	62.5	16	100.0	0.0	62.5
*Thailand, Khon Kaen	19	100.0	0.0		26	100.0	0.0	
Thailand, Lampang	9	100.0	0.0	0.0	15	100.0	0.0	0.0
*Thailand, Songkhla	10	100.0	0.0		10	100.0	0.0	
*Turkey, Antalya	75	98.7	1.3	38.7	54	100.0	0.0	33.3
*Turkey, Edirne	18	100.0	0.0		12	100.0	0.0	
*Turkey, Izmir	206	98.1	0.0		171	98.2	0.0	
*Turkey, Trabzon	19	100.0	0.0		25	100.0	0.0	
Europe								
Austria	3101	95.1	3.0	27.8	2951	95.2	3.0	21.9
Austria, Tyrol	587	100.0	0.0	10.6	578	99.7	0.3	9.3
Austria, Vorarlberg	299	99.3	0.0	10.0	215	99.5	0.5	12.1
*Belarus	1029	100.0		44.7	1801	100.0		32.8
*Belgium	2615	100.0		21.3	3781	99.9		14.7
Bulgaria	974	99.8	0.2	43.4	874	100.0	0.0	33.4
Croatia	1220	99.9	0.0	37.4	1270	100.0	0.0	32.6
Cyprus	86	98.8	1.2	24.7	99	98.0	1.0	26.5
Czech Republic	4437	100.0	0.0	22.0	4397	100.0	0.0	16.1
Denmark	2959	99.2	0.0	21.2	3687	99.4	0.0	13.8
*Estonia	246	100.0		41.5	462	99.4		31.4
Finland	2162	99.9	0.0	24.4	2019	100.0	0.0	16.4
*France, Bas−Rhin	480	99.6		12.7	438	100.0		14.4
*France, Calvados	149	99.3		32.9	238	100.0		16.4
*France, Doubs	180	100.0		20.0	208	100.0		13.9
*France, Haut−Rhin	337	99.4		16.6	364	100.0		9.9
*France, Hérault	266	100.0		23.3	312	100.0		13.8
*France, Isère	424	99.8		13.2	503	100.0		9.3
*France, Loire−Atlantique	485	100.0		19.0	625	99.8		14.2
*France, Manche	131	100.0		33.6	203	100.0		17.7
*France, Somme	141	100.0		23.4	210	99.5		16.2
*France, Tarn	121	100.0		14.9	125	100.0		16.0
*France, Vendée	204	99.5		25.5	244	100.0		17.6
Germany, Brandenburg	853	97.9	2.0	20.4	865	98.3	1.6	20.2
Germany, Bremen	293	97.6	2.4	16.4	249	97.6	1.6	12.9
Germany, Free State of Saxony	1668	97.9	2.1	24.3	1613	97.4	2.4	18.8
Germany, Hamburg	744	99.1	0.9	16.5	838	98.3	1.7	15.0
Germany, Mecklenburg−Western Pomerania	602	96.7	3.3	21.3	605	97.2	2.8	17.2
Germany, Munich	2007	100.0	0.0	20.8	1983	100.0	0.0	15.5
Germany, North Rhine−Westphalia	946	92.6	1.5	16.6	1096	94.6	1.7	13.3
Germany, Saarland	389	98.7	1.3	21.6	416	98.8	0.7	20.9
Germany, Schleswig−Holstein	1494	95.4	3.8	15.9	1702	95.4	4.2	10.5
Iceland	106	99.1	0.0	21.7	161	100.0	0.0	12.4
Ireland	1321	99.5	0.2	19.5	1758	99.3	0.2	13.5
Italy, Biella	80	100.0	0.0	26.2	91	100.0	0.0	14.3
Italy, Brescia	302	96.7	0.0	21.5	290	95.5	0.0	13.1
Italy, Catania and Messina	162	100.0	0.0	27.8	170	100.0	0.0	18.8
Italy, Catanzaro	46	95.7	0.0	37.0	46	100.0	0.0	21.7
Italy, Como	214	100.0	0.0	22.9	221	100.0	0.0	14.5
Italy, Ferrara	129	99.2	0.0	34.1	106	100.0	0.0	24.5
Italy, Florence and Prato	328	97.9	0.0	17.7	316	97.8	0.3	20.6
Italy, Friuli−Venezia Giulia	685	100.0	0.0	23.1	593	100.0	0.0	16.5
Italy, Genoa	347	95.4	0.0	21.9	320	96.2	0.6	17.8
Italy, Latina	196	89.8	1.5	24.0	202	89.6	0.5	12.9
Italy, Lecco	112	100.0	0.0	24.1	116	100.0	0.0	30.2
Italy, Lombardy, South	135	99.3	0.0	34.1	120	98.3	1.7	17.5
Italy, Mantua	72	100.0	0.0	20.8	79	94.9	1.3	20.3
Italy, Milan	494	100.0	0.0	24.1	453	100.0	0.0	16.6
Italy, Modena	246	100.0	0.0	21.1	242	100.0	0.0	18.2
Italy, Naples	75	100.0	0.0	53.3	82	98.8	0.0	24.4
Italy, Nuoro	22	100.0	0.0	40.9	26	100.0	0.0	30.8
Italy, Palermo	177	90.4	0.6	22.0	173	86.7	1.2	20.2
Italy, Parma	185	100.0	0.0	25.9	209	100.0	0.0	18.7
Italy, Ragusa	80	98.8	1.2	29.7	61	98.4	0.0	24.6
Italy, Reggio Emilia	162	99.4	0.0	22.8	185	98.9	0.0	18.4
Italy, Romagna	537	98.7	0.0	21.2	613	99.3	0.0	14.5
Italy, Salerno	174	94.3	1.1	45.4	225	96.4	0.0	25.3
Italy, Sassari	73	98.6	0.0	37.0	67	97.0	1.5	28.4
Italy, Sondrio	62	100.0	0.0	25.8	57	98.2	0.0	14.0
Italy, South Tyrol	250	99.6	0.0	8.4	279	99.3	0.0	8.6

*Important. See note on population page.

Indices of data quality

Melanoma of skin (C43) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	83	97.6	1.2	28.9	65	98.5	0.0	33.8
Italy, Trapani	99	100.0	0.0	21.2	97	99.0	0.0	10.3
Italy, Trento	114	100.0	0.0	24.6	108	100.0	0.0	15.7
Italy, Turin	370	99.7	0.0	22.4	367	99.7	0.0	16.6
Italy, Umbria	263	99.2	0.0	28.9	254	99.6	0.0	24.4
Italy, Varese	363	98.9	0.3	28.7	376	98.7	0.3	19.7
Italy, Veneto	820	98.5	0.2	21.8	817	98.5	0.2	16.8
Latvia	261	96.2	2.3	41.0	445	95.7	1.8	32.6
Lithuania	434	100.0	0.0	50.0	767	100.0	0.0	33.5
Malta	49	91.8	4.1	36.7	64	95.3	1.6	23.4
*Netherlands	7396	99.9		23.4	9636	99.9		14.0
*Netherlands, Eindhoven	427	99.8		24.1	571	100.0		13.1
Norway	2682	99.6	0.0	28.6	2964	99.5	0.0	18.9
Poland, Cracow	129	100.0	0.0	58.9	156	98.7	0.0	37.8
Poland, Kielce	178	100.0	0.0	52.2	239	100.0	0.0	40.2
Poland, Lower Silesia	398	94.2	0.0	58.3	442	92.5	0.0	50.5
Poland, Podkarpackie	245	100.0	0.0	62.4	291	100.0	0.0	44.3
Portugal, Azores	36	100.0	0.0	69.4	57	100.0	0.0	11.7
Russian Federation, Saint Petersburg	685	93.6	0.0	50.2	1274	95.8	0.0	40.3
*Serbia, Central	845	90.4	3.0	47.7	848	92.9	1.4	41.4
Slovakia	1382	98.9	1.0	31.7	1557	98.6	1.3	24.9
Slovenia	896	100.0	0.0	27.8	996	100.0	0.0	23.1
Spain, Albacete	101	99.0	0.0	17.8	78	97.4	1.3	23.1
Spain, Asturias	221	98.6	0.9	26.7	309	99.0	0.6	24.9
Spain, Basque Country	554	99.5	0.5	23.6	663	99.5	0.5	17.8
Spain, Canary Islands	210	100.0	0.0	23.3	255	98.8	1.2	14.5
Spain, Ciudad Real	61	100.0	0.0	27.9	70	98.6	0.0	24.3
Spain, Cuenca	45	100.0	0.0	35.6	36	100.0	0.0	8.3
Spain, Girona	141	96.5	1.4	25.5	154	98.1	0.0	20.8
*Spain, Granada	205	98.5		13.2	265	100.0		9.1
Spain, La Rioja	79	98.7	1.3	30.4	78	100.0	0.0	9.0
Spain, Mallorca	185	100.0	0.0	19.8	187	98.4	1.1	8.9
Spain, Murcia	308	99.0	0.3	20.5	328	98.2	0.9	20.4
Spain, Navarra	150	100.0	0.0	24.0	191	100.0	0.0	14.7
Spain, Tarragona	166	97.6	0.0	24.7	188	100.0	0.0	12.8
*Sweden	4976	100.0		24.6	5132	100.0		18.0
Switzerland, Basel	265	98.1	0.8	14.0	248	99.6	0.4	16.1
Switzerland, Geneva	318	99.4	0.0	12.6	337	99.7	0.3	9.5
Switzerland, Graubünden and Glarus	128	100.0	0.0	21.1	129	100.0	0.0	16.3
Switzerland, Neuchâtel	146	100.0	0.0	10.3	132	99.2	0.8	9.8
Switzerland, St Gall−Appenzell	266	100.0	0.0	24.1	290	100.0	0.0	12.1
Switzerland, Ticino	217	100.0	0.0	20.3	217	100.0	0.0	10.1
Switzerland, Valais	168	100.0	0.0	16.7	185	100.0	0.0	11.4
Switzerland, Vaud	508	99.8	0.2	11.6	517	100.0	0.0	8.5
Switzerland, Zurich	866	99.1	0.6	17.8	871	99.7	0.1	9.9
Ukraine	5285	97.7	0.2	47.0	7907	97.9	0.1	36.3
UK, England	18462	98.4	0.4	22.9	21822	98.6	0.4	16.0
UK, England, East of England Region	2161	98.8	0.6	22.5	2394	98.8	0.5	17.5
UK, England, North Western	2202	97.0	0.1	23.2	2817	97.1	0.0	14.3
UK, England, Northern and Yorkshire	2220	99.5	0.2	21.4	2801	99.6	0.1	14.5
UK, England, Oxford Region	1143	99.6	0.3	22.0	1341	99.3	0.4	15.7
UK, England, South and Western Regions	3924	98.1	0.4	20.1	4466	98.3	0.6	15.0
UK, England, Thames	3329	97.5	0.9	27.1	3887	98.0	0.8	19.1
UK, England, Trent	1129	98.2	0.6	20.8	1312	99.0	0.3	13.9
UK, England, West Midlands	1793	99.7	0.1	24.7	2044	99.8	0.1	17.3
UK, Northern Ireland	499	99.4	0.0	25.3	698	99.7	0.1	13.9
UK, Scotland	1967	100.0	0.0	22.5	2513	99.7	0.0	13.3
UK, Wales	1109	92.7	0.6	25.4	1240	93.1	0.8	20.5
Oceania								
Australian Capital Territory	361	99.4	0.0	17.2	299	100.0	0.0	10.4
Australia, New South Wales	10249	98.7	0.1	14.6	7153	98.7	0.2	9.9
Australia, Northern Territory	149	100.0	0.0	8.1	101	100.0	0.0	5.9
Australia, Northern Territory: Indigenous	2	100.0	0.0	50.0	3	100.0	0.0	33.3
Australia, Northern Territory: Non−Indigenous	136	100.0	0.0	7.4	92	100.0	0.0	5.4
Australia, Queensland	7402	99.4	0.1	0.0	5328	99.0	0.1	0.0
South Australia	1861	99.6	0.0	13.2	1453	99.9	0.0	9.6
Australia, Tasmania	643	99.7	0.0	14.5	571	100.0	0.0	7.7
Australia, Victoria	5674	100.0	0.0	14.9	4640	100.0	0.0	9.8
Western Australia	3054	99.6	0.0	13.4	2088	99.8	0.0	10.0
New Zealand	5219	99.2	0.4	16.0	4758	99.3	0.3	11.6
New Zealand: Maori	55	98.2	1.8	30.9	77	98.7	1.3	14.3
New Zealand: Pacific Islander	12	100.0	0.0	25.0	17	100.0	0.0	23.5
New Zealand: Other	5152	99.2	0.3	15.8	4664	99.3	0.3	11.5
USA, Hawaii	787	99.4	0.3	10.2	495	99.8	0.0	8.5
*USA, Hawaii: Chinese	5	100.0	0.0		6	100.0	0.0	
*USA, Hawaii: Filipino	8	87.5	0.0		15	100.0	0.0	
*USA, Hawaii: Hawaiian	26	100.0	0.0		16	100.0	0.0	
*USA, Hawaii: Japanese	23	95.7	4.3		21	100.0	0.0	
*USA, Hawaii: White	704	99.6	0.1		417	99.8	0.0	

*Important. See note on population page.

Indices of data quality

Breast (C50)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	19	100.0			733	99.6		
Egypt, Gharbiah	58	87.9	12.1	0.0	3675	96.9	2.4	21.3
*Libya, Benghazi	6	83.3	16.7	0.0	364	93.7	2.7	22.5
*Malawi, Blantyre	9	44.4			165	53.3		
*South Africa, PROMEC	11	54.5			175	81.7		
*Tunisia, North	45	97.8			2260	98.1		
*Uganda, Kyadondo County	24	50.0	0.0		498	53.0	0.4	
*Zimbabwe, Harare: African	13	69.2	15.4		364	75.0	8.0	
America, Central and South								
Argentina, Bahía Blanca	14	85.7	14.3	0.0	791	94.6	5.1	35.0
Argentina, Córdoba	46	76.1	23.9	0.0	2661	89.4	10.3	32.3
Argentina, Mendoza	40	92.5	7.5	0.0	3721	94.0	5.3	32.3
*Argentina, Tierra del Fuego	0	0.0	0.0	–	134	91.8	5.2	30.6
Brazil, Aracaju	2	100.0	0.0	0.0	532	96.6	1.9	26.9
Brazil, Belo Horizonte	9	88.9	0.0	0.0	2544	92.5	6.7	22.5
Brazil, Cuiabá	7	100.0	0.0	0.0	590	93.9	4.1	21.9
Brazil, Fortaleza	12	91.7	8.3	0.0	2207	96.3	3.1	27.1
Brazil, Goiânia	14	85.7	14.3	0.0	1961	97.7	0.9	18.5
*Brazil, São Paulo	396	87.4	1.0	0.0	23362	86.9	3.8	23.8
Chile, Region of Antofagasta	2	100.0	0.0	0.0	470	91.5	5.3	21.9
Chile, Bío Bío Province	5	100.0	0.0	0.0	332	94.6	3.0	34.9
Chile, Valdivia	2	100.0	0.0	0.0	377	95.5	1.6	23.3
Colombia, Bucaramanga	7	100.0	0.0	0.0	1129	92.8	1.6	28.2
Colombia, Cali	18	88.9	0.0	0.0	2742	96.1	0.7	29.2
Colombia, Manizales	5	100.0	0.0	0.0	379	95.8	1.3	27.4
Colombia, Pasto	2	100.0	0.0	0.0	255	96.9	0.8	28.6
Costa Rica	36	80.6	8.3	0.0	3845	94.8	2.0	29.7
Cuba, Villa Clara	13	100.0	0.0	0.0	780	94.2	2.1	37.9
Ecuador, Cuenca	1	100.0	0.0	0.0	267	94.0	0.4	27.0
Ecuador, Quito	16	87.5	0.0	0.0	1309	94.3	3.1	25.9
*France, Martinique	10	100.0		0.0	851	99.5		26.9
*Jamaica, Kingston and St Andrew	6	100.0			732	97.3		
USA, Puerto Rico	83	92.8	4.8	0.0	8061	97.9	1.5	24.1
Uruguay	50	76.0	22.0	0.0	5055	90.2	8.2	38.4
America, North								
Canada	806	91.9	1.0	0.0	100437	96.0	0.8	25.0
Canada, Alberta	66	98.5	0.0	0.0	8854	99.1	0.1	22.1
Canada, British Columbia	87	97.7	0.0	0.0	12783	98.5	0.6	23.2
Canada, Manitoba	23	100.0	0.0	0.0	3688	98.0	0.6	28.9
Canada, New Brunswick	17	100.0	0.0	0.0	2460	98.7	0.0	23.6
Canada, Newfoundland and Labrador	8	100.0	0.0	0.0	1488	99.1	0.1	28.8
*Canada, Northwest Territories	0	0.0	0.0	–	87	100.0	0.0	23.0
Canada, Nova Scotia	37	100.0	0.0	0.0	3226	97.9	0.6	26.4
Canada, Ontario	353	90.7	0.8	0.0	38469	95.9	0.8	25.0
Canada, Prince Edward Island	4	100.0	0.0	0.0	449	99.6	0.0	26.7
*Canada, Quebec	189	84.7	2.6	0.0	25786	92.5	1.5	25.2
Canada, Saskatchewan	20	100.0	0.0	0.0	3069	98.0	0.6	26.3
*Canada, Yukon	2	100.0	0.0	0.0	78	98.7	0.0	16.7
USA, NPCR (42 states)	7939	97.9	0.7	0.0	861058	98.0	0.8	21.1
USA, NPCR (42 states): American Indian	19	89.5	5.3	0.0	3753	97.8	0.7	19.7
USA, NPCR (42 states): Asian and Pacific Islander	115	96.5	0.9	0.0	19768	99.1	0.3	16.3
USA, NPCR (42 states): Black	946	98.1	0.5	0.0	91046	97.7	0.9	28.2
USA, NPCR (42 states): White	6711	97.9	0.7	0.0	734383	98.0	0.8	20.7
USA, SEER (9 registries)	725	98.9	0.4	0.0	92751	98.8	0.5	19.8
*USA, SEER (9 registries): Black	82	98.8	1.2		9075	98.5	0.5	
*USA, SEER (9 registries): White	612	99.0	0.3		75483	98.8	0.5	
USA, SEER (18 registries)	2023	98.2	0.9	0.0	259743	98.6	0.5	19.3
*USA, SEER (18 registries): Asian and Pacific Islander	77	100.0	0.0		16989	99.4	0.2	
*USA, SEER (18 registries): Black	246	98.0	0.8		25784	98.4	0.6	
*USA, SEER (18 registries): Hispanic White	118	97.5	0.8		22584	99.1	0.3	
*USA, SEER (18 registries): Non–Hispanic White	1557	98.3	0.9		191379	98.5	0.6	
*USA, SEER (18 registries): White	1675	98.3	0.9		213963	98.6	0.5	
USA, Alabama	155	99.4	0.0	0.0	14942	97.8	0.8	22.9
USA, Alabama: Black	37	100.0	0.0	0.0	3316	97.9	0.6	29.4
USA, Alabama: White	115	99.1	0.0	0.0	11419	97.8	0.8	21.3
USA, Alaska	8	100.0	0.0	0.0	1777	99.0	0.3	16.3
*USA, Alaska: American Indian	1	100.0	0.0	0.0	290	99.0	0.0	17.9
USA, Arizona	228	99.1	0.9	0.0	16443	97.2	1.2	21.4
USA, Arizona: American Indian	2	100.0	0.0	0.0	312	96.5	1.0	23.4
USA, Arizona: Asian and Pacific Islander	2	100.0	0.0	0.0	209	98.1	0.5	18.7
USA, Arizona: Black	4	100.0	0.0	0.0	381	97.1	1.0	28.3
USA, Arizona: White	217	99.1	0.9	0.0	15264	97.2	1.2	21.6
USA, Arkansas	90	96.7	1.1	0.0	8769	98.9	0.2	23.7
USA, Arkansas: Black	11	100.0	0.0	0.0	994	98.2	0.3	34.2
USA, Arkansas: White	78	97.4	1.3	0.0	7641	99.0	0.1	22.7
USA, California	740	99.1	0.5	0.0	106674	98.8	0.4	19.6
USA, California: American Indian	2	50.0	50.0	0.0	343	98.5	0.9	26.5
USA, California: Asian and Pacific Islander	47	100.0	0.0	0.0	10334	99.5	0.1	16.3
USA, California: Black	56	100.0	0.0	0.0	6764	98.7	0.4	28.0
USA, California: White	617	99.0	0.5	0.0	87622	98.7	0.5	19.7
USA, California, Los Angeles County	179	100.0	0.0	0.0	26916	99.1	0.4	20.8
*USA, California, Los Angeles County: Asian and Pacific Islander	22	100.0	0.0		3645	99.4	0.1	
*USA, California, Los Angeles County: Black	24	100.0	0.0		3055	98.9	0.5	
*USA, California, Los Angeles County: Chinese	8	100.0	0.0		864	99.1	0.0	
*USA, California, Los Angeles County: Filipino	2	100.0	0.0		1183	99.6	0.1	
*USA, California, Los Angeles County: Hispanic White	21	100.0	0.0		5985	99.3	0.2	

*Important. See note on population page.

Breast (C50) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	1	100.0	0.0		509	99.6	0.2	
*USA, California, Los Angeles County: Korean	5	100.0	0.0		406	99.8	0.0	
*USA, California, Los Angeles County: Non−Hispanic White	109	100.0	0.0		14002	98.9	0.5	
*USA, California, Los Angeles County: White	130	100.0	0.0		19987	99.0	0.4	
USA, California, San Francisco Bay Area	96	100.0	0.0	0.0	14709	99.0	0.3	19.1
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	9	100.0	0.0		2513	99.4	0.2	
*USA, California, San Francisco Bay Area: Black	12	100.0	0.0		1298	98.5	0.3	
*USA, California, San Francisco Bay Area: Hispanic White	9	100.0	0.0		1362	98.9	0.5	
*USA, California, San Francisco Bay Area: Non−Hispanic White	66	100.0	0.0		9383	98.9	0.4	
*USA, California, San Francisco Bay Area: White	75	100.0	0.0		10745	98.9	0.4	
USA, Colorado	99	100.0	0.0	0.0	14072	98.1	1.2	17.6
USA, Colorado: Asian and Pacific Islander	0	0.0	0.0	–	191	99.5	0.5	13.6
USA, Colorado: Black	3	100.0	0.0	0.0	377	96.6	1.9	19.4
USA, Colorado: White	93	100.0	0.0	0.0	13181	98.1	1.2	18.0
USA, Connecticut	136	99.3	0.0	0.0	13650	99.0	0.6	19.4
*USA, Connecticut: Black	7	100.0	0.0		875	99.0	0.3	
*USA, Connecticut: White	129	99.2	0.0		12502	99.0	0.6	
USA, Delaware	31	96.8	0.0	0.0	3001	98.5	0.8	20.6
USA, Delaware: Black	8	100.0	0.0	0.0	527	98.5	1.1	19.4
USA, Delaware: White	21	95.2	0.0	0.0	2419	98.7	0.8	21.1
USA, Florida	984	98.4	0.4	0.0	61208	98.5	0.9	21.8
USA, Florida: Asian and Pacific Islander	10	100.0	0.0	0.0	439	99.3	0.0	17.8
USA, Florida: Black	91	100.0	0.0	0.0	5930	98.4	1.0	29.8
USA, Florida: White	866	98.3	0.5	0.0	53982	98.5	0.9	21.2
USA, Georgia	192	97.9	1.0	0.0	26711	98.5	0.8	20.6
USA, Georgia: Asian and Pacific Islander	0	0.0	0.0	–	287	99.7	0.3	12.2
USA, Georgia: Black	57	96.5	1.8	0.0	6910	98.4	0.8	25.6
USA, Georgia: White	133	98.5	0.8	0.0	19356	98.5	0.9	19.0
USA, Georgia, Atlanta	72	100.0	0.0	0.0	9054	99.1	0.5	20.6
*USA, Georgia, Atlanta: Black	21	100.0	0.0		3087	99.0	0.5	
*USA, Georgia, Atlanta: White	50	100.0	0.0		5695	99.1	0.5	
USA, Idaho	52	100.0	0.0	0.0	4136	98.3	1.0	19.5
USA, Illinois	327	99.1	0.0	0.0	41584	98.2	0.9	22.0
USA, Illinois: Asian and Pacific Islander	2	50.0	0.0	0.0	768	99.6	0.1	18.4
USA, Illinois: Black	51	98.0	0.0	0.0	5435	98.0	1.2	31.1
USA, Illinois: White	269	99.6	0.0	0.0	34809	98.2	0.9	21.0
USA, Indiana	144	99.3	0.0	0.0	19701	97.9	1.1	22.7
USA, Indiana: Black	11	90.9	0.0	0.0	1384	97.5	1.1	31.0
USA, Indiana: White	129	100.0	0.0	0.0	18005	97.9	1.1	22.5
USA, Iowa	67	98.5	1.5	0.0	10565	98.4	0.5	20.6
USA, Kentucky	91	96.7	2.2	0.0	14098	98.0	0.5	21.2
USA, Louisiana	105	91.4	4.8	0.0	11233	98.5	0.5	24.3
*USA, Louisiana: Black	31	93.5	0.0		3159	98.0	0.6	
*USA, Louisiana: White	73	90.4	6.8		7992	98.6	0.5	
*USA, Louisiana, New Orleans	21	95.2	4.8		2356	98.4	1.1	
*USA, Louisiana, New Orleans: Black	7	100.0	0.0		808	98.1	1.1	
*USA, Louisiana, New Orleans: White	13	92.3	7.7		1514	98.5	1.2	
USA, Maine	74	100.0	0.0	0.0	5272	98.3	0.8	18.8
USA, Massachusetts	208	98.6	0.0	0.0	24628	98.4	0.7	19.1
USA, Massachusetts: Asian and Pacific Islander	1	100.0	0.0	0.0	394	99.5	0.5	9.1
USA, Massachusetts: Black	11	100.0	0.0	0.0	962	98.0	0.5	25.9
USA, Massachusetts: White	194	98.5	0.0	0.0	23046	98.3	0.8	19.2
USA, Michigan	351	97.2	0.6	0.0	33918	97.6	0.7	21.3
USA, Michigan: Asian and Pacific Islander	4	75.0	0.0	0.0	224	97.8	0.4	16.1
USA, Michigan: Black	57	98.2	0.0	0.0	4064	97.2	0.5	28.3
USA, Michigan: White	284	97.2	0.7	0.0	28985	97.6	0.7	20.7
USA, Michigan, Detroit	139	98.6	0.7	0.0	14155	98.5	0.6	22.8
*USA, Michigan, Detroit: Black	35	97.1	2.9		3141	98.0	0.6	
*USA, Michigan, Detroit: White	99	100.0	0.0		10690	98.6	0.6	
USA, Mississippi	63	96.8	1.6	0.0	8570	96.9	2.1	24.8
USA, Missouri	163	95.1	2.5	0.0	19396	97.4	1.0	23.6
USA, Missouri: Black	19	100.0	0.0	0.0	1836	96.2	1.1	30.0
USA, Missouri: White	143	94.4	2.8	0.0	17292	97.5	1.0	23.2
USA, Montana	20	100.0	0.0	0.0	3256	97.4	1.3	19.0
USA, Montana: American Indian	0	0.0	0.0	–	141	97.9	0.0	14.9
USA, Nebraska	39	94.9	2.6	0.0	5910	98.3	0.8	20.3
USA, Nebraska: Black	1	100.0	0.0	0.0	157	97.5	0.0	26.8
USA, Nebraska: White	37	94.6	2.7	0.0	5671	98.3	0.9	20.2
USA, New Hampshire	43	95.3	0.0	0.0	4744	98.6	0.6	18.8
USA, New Jersey	335	98.2	0.9	0.0	31732	98.5	0.5	22.7
*USA, New Jersey: Black	45	100.0	0.0		3359	98.4	0.4	
*USA, New Jersey: White	282	98.2	0.7		26873	98.6	0.5	
USA, New Mexico	53	94.3	1.9	0.0	5555	97.8	1.1	21.2
*USA, New Mexico: Hispanic White	12	91.7	0.0		1601	98.3	1.1	
*USA, New Mexico: Non−Hispanic White	38	94.7	2.6		3610	97.5	1.1	
*USA, New Mexico: White	50	94.0	2.0		5211	97.8	1.1	
USA, New York State	587	98.5	0.2	0.0	68540	98.5	0.4	20.8
USA, New York State: Asian and Pacific Islander	11	100.0	0.0	0.0	2007	99.4	0.2	16.2
USA, New York State: Black	74	97.3	0.0	0.0	9103	98.7	0.4	26.7
USA, New York State: White	486	98.6	0.2	0.0	55852	98.4	0.4	20.5
USA, North Carolina	283	97.9	0.7	0.0	29293	97.9	1.0	21.1
USA, North Carolina: American Indian	1	100.0	0.0	0.0	203	98.5	0.5	25.6
USA, North Carolina: Asian and Pacific Islander	2	100.0	0.0	0.0	171	97.1	2.3	19.3
USA, North Carolina: Black	60	98.3	1.7	0.0	5587	97.9	1.1	28.1
USA, North Carolina: White	217	97.7	0.5	0.0	23103	98.0	1.0	19.6
USA, North Dakota	17	100.0	0.0	0.0	2234	99.0	0.2	20.6
USA, Ohio	328	99.4	0.3	0.0	39558	98.3	0.8	23.8
USA, Ohio: Asian and Pacific Islander	1	100.0	0.0	0.0	151	99.3	0.0	25.2
USA, Ohio: Black	37	100.0	0.0	0.0	3925	98.5	0.8	29.4
USA, Ohio: White	284	99.3	0.4	0.0	34761	98.3	0.8	23.6

*Important. See note on population page.

Indices of data quality

Breast (C50) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	86	86.0	3.5	0.0	12449	95.8	1.4	20.9
USA, Oklahoma: American Indian	5	80.0	0.0	0.0	855	96.4	1.1	14.9
USA, Oklahoma: Black	7	85.7	0.0	0.0	705	95.5	2.0	26.7
USA, Oklahoma: White	72	86.1	4.2	0.0	10717	95.7	1.4	21.3
USA, Oregon	78	94.9	0.0	0.0	13390	97.5	1.4	19.0
USA, Oregon: Asian and Pacific Islander	0	0.0	0.0	–	223	99.6	0.0	16.1
USA, Oregon: Black	1	100.0	0.0	0.0	126	98.4	1.6	20.6
USA, Oregon: White	71	94.4	0.0	0.0	12549	97.4	1.4	19.7
USA, Pennsylvania	461	98.5	0.7	0.0	47386	98.1	0.9	23.1
USA, Pennsylvania: Asian and Pacific Islander	5	100.0	0.0	0.0	315	99.4	0.3	16.8
USA, Pennsylvania: Black	45	95.6	0.0	0.0	3984	98.0	0.8	26.8
USA, Pennsylvania: White	402	98.8	0.7	0.0	42517	98.1	1.0	23.1
USA, Rhode Island	35	100.0	0.0	0.0	4052	98.3	0.6	19.9
USA, Rhode Island: Black	3	100.0	0.0	0.0	144	99.3	0.7	12.5
USA, Rhode Island: White	32	100.0	0.0	0.0	3847	98.3	0.6	20.4
USA, South Carolina	135	94.8	0.7	0.0	14552	97.7	1.1	21.1
USA, South Carolina: Black	41	92.7	0.0	0.0	3541	97.4	1.0	27.4
USA, South Carolina: White	89	95.5	1.1	0.0	10828	97.8	1.1	19.2
USA, South Dakota	17	94.1	0.0	0.0	2586	97.9	0.9	21.4
USA, Tennessee	211	97.6	0.9	0.0	19626	97.1	1.5	23.0
USA, Tennessee: Black	37	100.0	0.0	0.0	2716	96.7	2.3	32.1
USA, Tennessee: White	172	97.1	1.2	0.0	16684	97.1	1.4	21.7
USA, Texas	460	95.9	1.3	0.0	61477	97.1	1.0	20.8
USA, Texas: Asian and Pacific Islander	4	75.0	25.0	0.0	843	97.4	0.5	16.1
USA, Texas: Black	59	98.3	1.7	0.0	6887	96.5	1.0	29.5
USA, Texas: White	382	96.1	1.0	0.0	52461	97.2	1.0	20.2
USA, Utah	42	97.6	0.0	0.0	5372	99.2	0.1	21.7
USA, Vermont	25	100.0	0.0	0.0	2383	97.9	0.8	19.4
USA, Virginia	284	97.9	1.1	0.0	25089	98.2	1.2	21.5
USA, Virginia: Asian and Pacific Islander	5	100.0	0.0	0.0	533	98.9	0.9	18.9
USA, Virginia: Black	56	98.2	1.8	0.0	4504	97.9	1.4	28.2
USA, Virginia: White	213	97.7	0.9	0.0	19594	98.2	1.2	20.5
USA, Washington State	133	99.2	0.0	0.0	21584	98.8	0.5	18.4
USA, Washington, Seattle	95	100.0	0.0	0.0	15443	99.0	0.3	17.1
USA, West Virginia	71	98.6	0.0	0.0	6528	97.7	0.6	22.8
USA, Wisconsin	235	96.2	3.0	0.0	19046	98.1	1.1	19.9
USA, Wisconsin: Black	13	100.0	0.0	0.0	672	99.7	0.1	22.9
USA, Wisconsin: White	216	95.8	3.2	0.0	18020	98.1	1.1	20.0
USA, Wyoming	8	100.0	0.0	0.0	1576	98.9	0.3	20.8
Asia								
Bahrain: Bahraini	9	100.0	0.0	0.0	460	98.5	0.9	29.1
China, Beijing City	76	90.8	0.0	0.0	10135	95.2	0.0	21.8
*China, Cixian County	0	0.0	0.0	–	186	86.6	1.1	32.8
China, Haining County	5	100.0	0.0	0.0	335	100.0	0.0	21.2
*China, Harbin City, Nangang District	20	60.0	0.0	0.0	1034	84.1	0.2	24.6
China, Hong Kong	73	100.0	0.0	0.0	11927	98.6	0.2	19.6
China, Jiashan County	3	100.0	0.0	0.0	337	100.0	0.0	26.4
China, Jiaxing City	6	83.3	0.0	0.0	311	94.2	0.3	21.2
China, Macao	1	100.0	0.0	0.0	613	74.4	0.5	16.2
China, Qidong County	11	90.9	0.0	0.0	646	97.1	0.0	37.3
*China, Shanghai City	90	86.7	0.0	0.0	10695	91.1	0.1	25.5
*China, Wuhan City	60	100.0		0.0	4497	100.0		21.8
*China, Yangcheng County	2	100.0		0.0	153	100.0		23.5
*China, Yanting County	2	100.0	0.0	0.0	157	96.8	0.0	44.6
*China, Zhongshan City	5	100.0		0.0	699	98.6		32.9
*India, Bangalore	77	94.8	3.9		2798	93.7	2.2	
*India; Barshi, Paranda, and Bhum	1	0.0			94	88.3		
*India, Bhopal	18	94.4	0.0		598	99.8	0.0	
*India, Chennai	50	76.0	0.0		3405	87.1	1.2	
*India, Dindigul, Ambilikkai	14	85.7	0.0		607	90.6	0.8	
*India, Karunagappally	2	100.0	0.0		211	93.4	0.5	
*India, Mizoram	4	75.0	0.0		274	93.8	0.4	
*India, Mumbai	147	93.2	3.4		7677	91.8	3.9	
*India, New Delhi	316	81.3	0.3		7727	81.0	0.5	
*India, Poona	50	86.0	8.0		1846	93.8	5.3	
*India, Sikkim State	3	100.0	0.0		81	98.8	1.2	
*India, Trivandrum	8	100.0	0.0		663	96.5	0.3	
*Iran (Islamic Republic of), Golestan Province	3	66.7	33.3	0.0	558	77.6	2.9	11.6
Israel	238	95.8	3.4	0.0	16931	97.1	1.3	27.6
*Israel: Jews	217	96.3	2.8		15750	97.0	1.4	
*Israel: Non–Jews	21	90.5	9.5		1181	97.8	0.8	
Japan, Aichi Prefecture	21	100.0	0.0	0.0	2195	96.2	2.3	19.6
Japan, Fukui Prefecture	17	82.4	5.9	0.0	1531	90.7	1.1	19.9
Japan, Hiroshima	16	93.8	6.2	0.0	2789	96.7	3.0	15.8
Japan, Miyagi Prefecture	26	80.8	11.5	0.0	5210	95.5	2.1	19.7
Japan, Nagasaki Prefecture	27	100.0	0.0	0.0	3209	97.2	0.8	20.2
Japan, Niigata Prefecture	22	81.8	9.1	0.0	4957	95.2	3.6	21.0
*Japan, Osaka Prefecture	91	85.7	7.7	0.0	13918	92.6	4.2	27.6
Japan, Saga Prefecture	8	100.0	0.0	0.0	1316	93.1	2.2	29.3
Republic of Korea	250	89.2	5.2	0.0	50300	98.0	0.6	15.2
Republic of Korea, Busan	21	85.7	4.8	0.0	3953	96.4	0.7	17.2
Republic of Korea, Daegu	19	100.0	0.0	0.0	2670	98.9	0.4	14.3
Republic of Korea, Daejeon	4	100.0	0.0	0.0	1586	99.1	0.1	11.3
Republic of Korea, Gwangju	7	71.4	14.3	0.0	1213	97.7	0.2	14.7
Republic of Korea, Incheon	15	93.3	0.0	0.0	2773	98.8	0.3	16.1
Republic of Korea, Jejudo	2	50.0	0.0	0.0	342	97.7	0.0	18.1
Republic of Korea, Seoul	54	81.5	11.1	0.0	12655	98.3	0.6	13.9
Republic of Korea, Ulsan	6	100.0	0.0	0.0	974	98.0	0.6	15.5

*Important. See note on population page.

Breast (C50) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	15	100.0	0.0	0.0	1532	98.7	0.2	21.3
*Kuwait: Kuwaitis	6	100.0	0.0		791	98.4	0.3	
*Kuwait: Non−Kuwaitis	9	100.0	0.0		741	99.1	0.1	
*Malaysia, Penang	13	100.0			1374	97.3		
*Malaysia, Penang: Chinese	9	100.0			896	98.1		
*Malaysia, Penang: Indian	1	100.0			150	95.3		
*Malaysia, Penang: Malay	3	100.0			318	96.2		
*Philippines, Manila	93	55.9	4.3		6491	80.4	4.4	
*Philippines, Rizal	66	90.9	7.6		6560	88.2	4.9	
Qatar: Qatari	1	100.0	0.0	0.0	150	99.3	0.7	30.0
*Saudi Arabia, Riyadh: Saudi	25	100.0	0.0		1179	99.3	0.2	
Singapore	17	100.0	0.0	0.0	6717	99.0	0.3	23.6
Singapore: Chinese	14	100.0	0.0	0.0	5528	99.1	0.3	22.0
Singapore: Indian	1	100.0	0.0	0.0	365	99.2	0.5	29.0
Singapore: Malay	2	100.0	0.0	0.0	712	98.2	0.3	31.0
Thailand, Bangkok	44	93.2	0.0	0.0	6570	93.4	1.2	26.2
Thailand, Chiang Mai	25	100.0	0.0	0.0	1309	96.4	1.3	29.8
Thailand, Chonburi	6	66.7	0.0	0.0	1133	90.6	1.1	37.2
*Thailand, Khon Kaen	14	100.0	0.0		966	94.3	0.7	
Thailand, Lampang	7	85.7	0.0	0.0	770	95.3	0.9	22.6
*Thailand, Songkhla	4	100.0	0.0		649	97.7	0.5	
*Turkey, Antalya	20	100.0	0.0	0.0	1463	96.3	0.7	23.7
*Turkey, Edirne	8	87.5	0.0		306	89.2	1.3	
*Turkey, Izmir	75	97.3	1.3		4511	95.9	1.1	
*Turkey, Trabzon	2	100.0	0.0		410	87.3	0.2	
Europe								
Austria	280	93.6	5.7	0.0	24576	95.5	3.0	31.8
Austria, Tyrol	14	100.0	0.0	0.0	2037	99.2	0.3	27.2
Austria, Vorarlberg	10	100.0	0.0	0.0	1008	98.4	1.0	29.8
*Belarus	130	99.2		0.0	16615	98.0		38.9
*Belgium	320	99.7		0.0	38981	99.8		23.3
Bulgaria	213	88.3	5.6	0.0	18059	93.7	2.0	33.7
Croatia	131	80.2	4.6	0.0	11897	87.5	3.3	35.8
Cyprus	26	88.5	11.5	0.0	2116	94.4	5.1	21.3
Czech Republic	215	96.3	0.0	0.0	29297	95.6	0.4	32.2
Denmark	121	97.5	0.0	0.0	20003	98.3	0.2	31.6
*Estonia	18	100.0		0.0	3045	97.0		38.1
Finland	88	98.9	0.0	0.0	19109	99.4	0.1	21.8
*France, Bas−Rhin	28	100.0		0.0	4182	99.5		18.4
*France, Calvados	19	100.0		0.0	2611	98.5		25.2
*France, Doubs	16	100.0		0.0	1891	99.4		21.9
*France, Haut−Rhin	26	96.2		0.0	2737	99.9		21.9
*France, Hérault	35	100.0		0.0	4092	99.3		20.8
*France, Isère	39	97.4		0.0	4372	99.5		20.4
*France, Loire−Atlantique	52	100.0		0.0	4879	99.5		22.9
*France, Manche	12	100.0		0.0	1922	99.5		25.7
*France, Somme	21	100.0		0.0	2285	98.6		25.7
*France, Tarn	9	100.0		0.0	1570	99.0		21.1
*France, Vendée	19	94.7		0.0	2468	98.2		24.6
Germany, Brandenburg	82	87.8	12.2	0.0	8359	95.7	3.9	28.8
Germany, Bremen	17	88.2	11.8	0.0	2829	93.8	4.9	26.4
Germany, Free State of Saxony	129	92.2	7.0	0.0	14503	95.0	4.3	28.1
Germany, Hamburg	56	92.9	1.8	0.0	6744	94.5	3.2	30.2
Germany, Mecklenburg−Western Pomerania	45	91.1	8.9	0.0	5527	95.2	4.4	25.4
Germany, Munich	141	93.6	5.0	0.0	15728	93.5	5.6	28.1
Germany, North Rhine−Westphalia	78	87.2	11.5	0.0	10224	95.9	2.1	28.2
Germany, Saarland	40	90.0	7.5	0.0	4296	97.1	2.4	29.8
Germany, Schleswig−Holstein	91	87.9	11.0	0.0	13186	90.4	8.5	24.8
Iceland	10	100.0	0.0	0.0	852	99.1	0.0	22.2
Ireland	83	100.0	0.0	0.0	11363	98.4	0.6	28.7
Italy, Biella	9	100.0	0.0	0.0	901	96.2	1.4	28.2
Italy, Brescia	30	100.0	0.0	0.0	3832	91.4	0.9	23.1
Italy, Catania and Messina	29	100.0	0.0	0.0	3046	97.1	1.3	29.8
Italy, Catanzaro	5	100.0	0.0	0.0	623	96.6	0.3	28.3
Italy, Como	22	100.0	0.0	0.0	2418	97.5	0.6	29.0
Italy, Ferrara	25	96.0	0.0	0.0	1848	97.3	0.2	24.9
Italy, Florence and Prato	31	96.8	0.0	0.0	3108	96.8	0.5	24.5
Italy, Friuli−Venezia Giulia	66	98.5	0.0	0.0	6165	97.9	0.3	25.4
Italy, Genoa	26	100.0	0.0	0.0	3714	96.1	0.7	28.2
Italy, Latina	19	89.5	0.0	0.0	1551	92.7	0.2	25.1
Italy, Lecco	19	89.5	0.0	0.0	1521	90.4	0.1	29.1
Italy, Lombardy, South	19	100.0	0.0	21.1	2066	87.6	0.6	27.5
Italy, Mantua	10	100.0	0.0	0.0	1156	94.5	0.7	25.7
Italy, Milan	38	97.4	2.6	0.0	5299	97.1	1.0	28.0
Italy, Modena	18	100.0	0.0	0.0	2825	99.4	0.0	24.1
Italy, Naples	11	100.0	0.0	18.2	1346	96.8	0.5	27.0
Italy, Nuoro	10	100.0	0.0	0.0	724	95.7	1.8	30.8
Italy, Palermo	33	93.9	0.0	0.0	2748	95.4	1.6	28.1
Italy, Parma	16	100.0	0.0	0.0	1960	99.0	0.4	29.0
Italy, Ragusa	15	100.0	0.0	0.0	849	96.1	1.5	31.8
Italy, Reggio Emilia	16	100.0	0.0	0.0	2159	98.1	0.2	25.0
Italy, Romagna	36	100.0	0.0	0.0	4708	97.7	0.5	25.3
Italy, Salerno	37	81.1	5.4	5.4	2627	90.6	0.5	34.3
Italy, Sassari	19	94.7	0.0	0.0	1621	95.7	1.5	27.0
Italy, Sondrio	4	100.0	0.0	25.0	667	96.1	0.0	25.9
Italy, South Tyrol	12	100.0	0.0	0.0	1212	97.6	0.7	28.5

*Important. See note on population page.

Indices of data quality

Breast (C50) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	16	93.8	0.0	0.0	1064	96.1	1.6	32.3
Italy, Trapani	9	88.9	0.0	11.1	927	93.0	0.9	34.0
Italy, Trento	9	100.0	0.0	0.0	1482	98.2	0.5	24.6
Italy, Turin	49	98.0	0.0	0.0	4057	97.6	1.0	27.6
Italy, Umbria	43	97.7	0.0	2.3	3101	98.3	0.1	26.7
Italy, Varese	28	92.9	0.0	0.0	3552	94.9	0.6	33.2
Italy, Veneto	80	97.5	0.0	1.2	8213	98.0	0.6	24.6
Latvia	43	93.0	4.7	0.0	4105	89.7	4.7	40.3
Lithuania	72	91.7	2.8	0.0	6795	92.5	1.5	41.9
Malta	14	100.0	0.0	0.0	1220	98.1	1.3	28.9
*Netherlands	402	100.0		0.0	61650	99.7		26.8
*Netherlands, Eindhoven	25	100.0		0.0	3933	99.7		24.6
Norway	85	100.0	0.0	0.0	13778	99.3	0.1	25.0
Poland, Cracow	15	86.7	0.0	0.0	1626	96.2	1.4	43.6
Poland, Kielce	20	85.0	0.0	0.0	2059	94.0	2.1	40.1
Poland, Lower Silesia	50	86.0	0.0	0.0	5884	92.6	0.3	33.0
Poland, Podkarpackie	26	80.8	3.8	0.0	2722	91.7	2.8	40.0
Portugal, Azores	5	100.0	0.0	0.0	487	96.7	1.8	40.4
Russian Federation, Saint Petersburg	50	86.0	0.0	0.0	10687	81.8	0.0	53.5
*Serbia, Central	288	81.6	9.7	0.0	12585	88.4	3.5	43.5
Slovakia	112	93.8	2.7	0.0	10887	93.7	4.1	34.1
Slovenia	40	95.0	0.0	0.0	5579	97.6	0.6	34.6
Spain, Albacete	11	100.0	0.0	0.0	846	97.3	1.3	26.8
Spain, Asturias	49	100.0	0.0	0.0	3091	97.3	1.6	31.4
Spain, Basque Country	83	98.8	0.0	0.0	6063	97.3	1.2	24.1
Spain, Canary Islands	21	100.0	0.0	0.0	2799	98.2	0.9	26.7
Spain, Ciudad Real	11	100.0	0.0	0.0	850	95.9	1.1	33.6
Spain, Cuenca	10	100.0	0.0	0.0	447	94.4	2.5	28.6
Spain, Girona	17	100.0	0.0	0.0	1791	96.1	1.8	23.2
*Spain, Granada	21	95.2		0.0	1753	98.4		28.9
Spain, La Rioja	7	100.0	0.0	0.0	817	95.8	0.6	23.3
Spain, Mallorca	18	100.0	0.0	0.0	1801	97.8	0.8	25.8
Spain, Murcia	33	93.9	3.0	0.0	2827	97.5	1.2	26.2
Spain, Navarra	30	100.0	0.0	0.0	1659	98.1	0.7	23.6
Spain, Tarragona	23	95.7	0.0	0.0	1872	97.2	1.1	26.8
*Sweden	211	100.0		0.0	31645	99.9		24.0
Switzerland, Basel	9	100.0	0.0	0.0	1501	98.3	1.7	31.8
Switzerland, Geneva	9	100.0	0.0	0.0	1808	98.7	0.4	20.0
Switzerland, Graubünden and Glarus	9	100.0	0.0	0.0	769	98.3	0.0	28.5
Switzerland, Neuchâtel	3	100.0	0.0	0.0	706	98.9	0.0	21.1
Switzerland, St Gall−Appenzell	9	100.0	0.0	0.0	1446	97.5	0.5	30.3
Switzerland, Ticino	7	100.0	0.0	0.0	1320	98.6	0.2	24.6
Switzerland, Valais	12	100.0	0.0	0.0	968	98.5	0.3	21.2
Switzerland, Vaud	23	95.7	0.0	0.0	2724	98.6	0.7	20.5
Switzerland, Zurich	27	100.0	0.0	0.0	4459	98.0	1.0	26.7
Ukraine	723	78.3	0.1	0.0	81875	83.4	0.1	48.1
UK, England	1297	95.3	1.1	0.0	181414	95.9	1.1	28.3
UK, England, East of England Region	162	96.9	0.6	0.0	20476	96.2	0.8	29.4
UK, England, North Western	179	92.2	0.0	0.0	23706	93.6	0.4	28.0
UK, England, Northern and Yorkshire	182	97.3	0.5	0.0	23861	98.0	0.4	27.7
UK, England, Oxford Region	65	98.5	0.0	0.0	10064	97.6	0.6	27.2
UK, England, South and Western Regions	221	90.5	1.8	0.0	28388	96.0	1.3	27.2
UK, England, Thames	243	95.5	2.5	0.0	37220	94.4	1.7	29.3
UK, England, Trent	67	97.0	1.5	0.0	10808	96.8	0.9	28.5
UK, England, West Midlands	125	99.2	0.8	0.0	19649	97.4	1.6	28.5
UK, Northern Ireland	18	94.4	0.0	0.0	5319	98.5	0.4	28.6
UK, Scotland	116	99.1	0.9	0.0	18868	97.8	0.3	29.3
UK, Wales	74	74.3	4.1	0.0	11635	88.4	1.6	28.6
Oceania								
Australian Capital Territory	6	100.0	0.0	0.0	1027	98.2	0.8	17.5
Australia, New South Wales	179	98.3	1.1	0.0	20641	98.4	0.6	22.0
Australia, Northern Territory	3	100.0	0.0	0.0	303	99.3	0.7	18.8
Australia, Northern Territory: Indigenous	1	100.0	0.0	0.0	43	100.0	0.0	27.9
Australia, Northern Territory: Non−Indigenous	2	100.0	0.0	0.0	257	99.2	0.8	17.5
Australia, Queensland	109	95.4	0.0	0.0	11939	97.8	0.5	19.3
South Australia	34	100.0	0.0	0.0	5194	98.0	0.0	23.2
Australia, Tasmania	17	100.0	0.0	0.0	1533	99.2	0.0	18.1
Australia, Victoria	129	98.4	0.8	0.0	15303	97.4	1.6	22.7
Western Australia	36	94.4	0.0	0.0	5830	98.5	0.1	20.4
New Zealand	81	95.1	0.0	0.0	12318	97.8	1.1	26.0
New Zealand: Maori	4	100.0	0.0	0.0	1335	98.2	0.7	26.2
New Zealand: Pacific Islander	6	100.0	0.0	0.0	459	98.0	0.4	27.9
New Zealand: Other	71	94.4	0.0	0.0	10524	97.7	1.2	25.8
USA, Hawaii	25	100.0	0.0	0.0	4248	99.3	0.4	15.8
*USA, Hawaii: Chinese	0	0.0	0.0		271	99.6	0.4	
*USA, Hawaii: Filipino	0	0.0	0.0		517	99.4	0.2	
*USA, Hawaii: Hawaiian	3	100.0	0.0		774	99.9	0.1	
*USA, Hawaii: Japanese	6	100.0	0.0		1202	98.9	0.7	
*USA, Hawaii: White	15	100.0	0.0		1167	99.1	0.3	

*Important. See note on population page.

Indices of data quality

Cervix uteri (C53)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif					207	99.5		
Egypt, Gharbiah					121	95.0	2.5	33.1
*Libya, Benghazi					62	88.7	8.1	29.0
*Malawi, Blantyre					904	42.4		
*South Africa, PROMEC					576	69.1		
*Tunisia, North					319	100.0		
*Uganda, Kyadondo County					865	48.8	0.5	
*Zimbabwe, Harare: African					847	66.7	5.4	
America, Central and South								
Argentina, Bahía Blanca					109	97.2	2.8	44.0
Argentina, Córdoba					421	96.9	2.4	21.4
Argentina, Mendoza					642	96.1	2.6	28.2
*Argentina, Tierra del Fuego					35	94.3	0.0	37.1
Brazil, Aracaju					233	94.0	3.4	32.2
Brazil, Belo Horizonte					609	96.6	3.4	25.0
Brazil, Cuiabá					432	94.9	2.3	24.5
Brazil, Fortaleza					934	95.8	3.3	25.9
Brazil, Goiânia					836	98.3	1.1	22.6
*Brazil, São Paulo					4657	87.4	5.4	29.2
Chile, Region of Antofagasta					161	84.5	9.3	50.9
Chile, Bío Bío Province					186	95.7	1.1	58.6
Chile, Valdivia					186	95.2	1.1	37.1
Colombia, Bucaramanga					482	93.6	3.9	41.5
Colombia, Cali					1181	93.2	2.3	37.4
Colombia, Manizales					225	96.9	2.2	52.0
Colombia, Pasto					271	94.5	3.0	24.0
Costa Rica					1465	89.7	2.9	38.2
Cuba, Villa Clara					230	98.7	0.4	27.0
Ecuador, Cuenca					214	93.9	0.5	20.1
Ecuador, Quito					728	97.1	1.8	26.6
*France, Martinique					165	100.0		23.6
*Jamaica, Kingston and St Andrew					298	99.0		
USA, Puerto Rico					1013	97.3	1.1	23.7
Uruguay					1049	91.3	5.1	28.2
America, North								
Canada					6729	94.2	0.7	28.4
Canada, Alberta					757	98.5	0.3	26.4
Canada, British Columbia					768	98.3	0.8	29.9
Canada, Manitoba					258	98.8	0.4	29.8
Canada, New Brunswick					175	100.0	0.0	28.6
Canada, Newfoundland and Labrador					118	97.5	0.0	33.9
*Canada, Northwest Territories					7	85.7	0.0	42.9
Canada, Nova Scotia					262	98.9	0.0	34.7
Canada, Ontario					2644	94.6	0.8	30.3
Canada, Prince Edward Island					39	100.0	0.0	23.1
*Canada, Quebec					1489	86.0	1.1	22.8
Canada, Saskatchewan					207	99.0	0.5	26.1
*Canada, Yukon					5	100.0	0.0	20.0
USA, NPCR (42 states)					55899	97.4	0.9	31.3
USA, NPCR (42 states): American Indian					433	97.7	0.7	32.1
USA, NPCR (42 states): Asian and Pacific Islander					2068	98.0	0.7	29.4
USA, NPCR (42 states): Black					8798	97.1	0.9	40.1
USA, NPCR (42 states): White					43408	97.5	0.9	30.5
USA, SEER (9 registries)					5009	98.2	0.5	30.5
*USA, SEER (9 registries): Black					763	97.6	0.8	
*USA, SEER (9 registries): White					3640	98.1	0.5	
USA, SEER (18 registries)					17130	98.2	0.6	28.2
*USA, SEER (18 registries): Asian and Pacific Islander					1464	98.8	0.3	
*USA, SEER (18 registries): Black					2409	97.6	0.9	
*USA, SEER (18 registries): Hispanic White					3734	98.9	0.3	
*USA, SEER (18 registries): Non−Hispanic White					9184	97.9	0.6	
*USA, SEER (18 registries): White					12918	98.2	0.5	
USA, Alabama					1035	97.7	1.0	38.4
USA, Alabama: Black					304	97.7	1.6	53.9
USA, Alabama: White					705	97.6	0.7	32.6
USA, Alaska					123	96.7	0.0	22.8
*USA, Alaska: American Indian					30	100.0	0.0	33.3
USA, Arizona					1056	94.4	1.6	29.9
USA, Arizona: American Indian					58	100.0	0.0	34.5
USA, Arizona: Asian and Pacific Islander					25	88.0	4.0	48.0
USA, Arizona: Black					20	90.0	5.0	55.0
USA, Arizona: White					927	94.4	1.6	29.4
USA, Arkansas					704	98.6	0.6	36.6
USA, Arkansas: Black					125	96.0	2.4	47.2
USA, Arkansas: White					565	99.1	0.2	35.0
USA, California					7362	98.5	0.4	28.8
USA, California: American Indian					43	95.3	4.7	30.2
USA, California: Asian and Pacific Islander					972	98.9	0.1	29.3
USA, California: Black					440	98.0	0.2	39.1
USA, California: White					5771	98.5	0.4	28.6
USA, California, Los Angeles County					2488	99.0	0.3	29.2
*USA, California, Los Angeles County: Asian and Pacific Islander					363	99.2	0.0	
*USA, California, Los Angeles County: Black					209	98.1	0.5	
*USA, California, Los Angeles County: Chinese					74	100.0	0.0	
*USA, California, Los Angeles County: Filipino					89	100.0	0.0	
*USA, California, Los Angeles County: Hispanic White					1220	99.3	0.2	

*Important. See note on population page.

Cervix uteri (C53) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese					42	100.0	0.0	
*USA, California, Los Angeles County: Korean					65	95.4	0.0	
*USA, California, Los Angeles County: Non−Hispanic White					664	98.6	0.3	
*USA, California, Los Angeles County: White					1884	99.0	0.3	
USA, California, San Francisco Bay Area					653	99.4	0.0	27.9
*USA, California, San Francisco Bay Area: Asian and Pacific Islander					150	98.7	0.0	
*USA, California, San Francisco Bay Area: Black					69	98.6	0.0	
*USA, California, San Francisco Bay Area: Hispanic White					150	100.0	0.0	
*USA, California, San Francisco Bay Area: Non−Hispanic White					272	99.6	0.0	
*USA, California, San Francisco Bay Area: White					422	99.8	0.0	
USA, Colorado					810	96.5	1.7	26.5
USA, Colorado: Asian and Pacific Islander					24	91.7	8.3	41.7
USA, Colorado: Black					36	97.2	0.0	22.2
USA, Colorado: White					721	96.5	1.7	27.2
USA, Connecticut					637	99.2	0.5	27.8
*USA, Connecticut: Black					81	98.8	0.0	
*USA, Connecticut: White					532	99.2	0.6	
USA, Delaware					185	99.5	0.5	29.2
USA, Delaware: Black					51	100.0	0.0	23.5
USA, Delaware: White					128	99.2	0.8	31.2
USA, Florida					4441	98.1	1.0	31.3
USA, Florida: Asian and Pacific Islander					56	98.2	0.0	39.3
USA, Florida: Black					760	98.0	1.2	36.7
USA, Florida: White					3549	98.2	0.9	30.7
USA, Georgia					1941	97.7	1.1	32.4
USA, Georgia: Asian and Pacific Islander					39	100.0	0.0	33.3
USA, Georgia: Black					654	98.2	0.9	39.3
USA, Georgia: White					1229	97.3	1.3	29.0
USA, Georgia, Atlanta					621	97.9	1.0	32.5
*USA, Georgia, Atlanta: Black					259	98.8	0.8	
*USA, Georgia, Atlanta: White					327	96.9	1.2	
USA, Idaho					223	97.8	0.9	30.0
USA, Illinois					2912	98.0	1.2	31.8
USA, Illinois: Asian and Pacific Islander					54	96.3	1.9	22.2
USA, Illinois: Black					648	98.5	0.8	40.9
USA, Illinois: White					2130	97.9	1.4	30.4
USA, Indiana					1312	97.8	1.5	33.9
USA, Indiana: Black					130	97.7	1.5	37.7
USA, Indiana: White					1144	97.7	1.6	34.4
USA, Iowa					524	98.3	0.6	37.2
USA, Kentucky					1025	98.0	0.5	32.3
USA, Louisiana					841	98.5	1.1	35.1
*USA, Louisiana: Black					359	97.8	1.7	
*USA, Louisiana: White					473	98.9	0.6	
*USA, Louisiana, New Orleans					161	96.9	2.5	
*USA, Louisiana, New Orleans: Black					82	93.9	4.9	
*USA, Louisiana, New Orleans: White					75	100.0	0.0	
USA, Maine					269	95.9	1.5	30.1
USA, Massachusetts					1058	98.1	0.6	25.4
USA, Massachusetts: Asian and Pacific Islander					37	100.0	0.0	10.8
USA, Massachusetts: Black					90	98.9	0.0	24.4
USA, Massachusetts: White					911	98.1	0.7	26.7
USA, Michigan					1961	96.4	0.7	28.3
USA, Michigan: Asian and Pacific Islander					23	91.3	0.0	21.7
USA, Michigan: Black					392	95.7	0.3	37.0
USA, Michigan: White					1494	96.5	0.9	26.8
USA, Michigan, Detroit					874	96.9	1.3	31.6
*USA, Michigan, Detroit: Black					313	96.2	1.3	
*USA, Michigan, Detroit: White					543	97.4	1.1	
USA, Mississippi					709	95.1	3.1	44.0
USA, Missouri					1269	97.6	0.9	34.2
USA, Missouri: Black					208	98.1	0.5	42.3
USA, Missouri: White					1029	97.4	1.1	33.0
USA, Montana					140	97.1	2.9	37.9
USA, Montana: American Indian					11	100.0	0.0	54.5
USA, Nebraska					313	97.1	1.6	26.5
USA, Nebraska: Black					10	90.0	10.0	30.0
USA, Nebraska: White					291	97.3	1.4	26.5
USA, New Hampshire					220	98.6	0.5	39.1
USA, New Jersey					2202	98.0	0.5	29.5
*USA, New Jersey: Black					423	96.7	0.9	
*USA, New Jersey: White					1642	98.3	0.4	
USA, New Mexico					394	97.0	0.8	34.0
*USA, New Mexico: Hispanic White					176	97.2	0.6	
*USA, New Mexico: Non−Hispanic White					172	97.1	0.6	
*USA, New Mexico: White					348	97.1	0.6	
USA, New York State					4605	98.2	0.3	30.9
USA, New York State: Asian and Pacific Islander					246	98.8	0.0	22.8
USA, New York State: Black					1140	97.9	0.3	34.4
USA, New York State: White					3048	98.3	0.4	31.9
USA, North Carolina					1842	97.6	1.4	31.5
USA, North Carolina: American Indian					15	100.0	0.0	46.7
USA, North Carolina: Asian and Pacific Islander					30	100.0	0.0	23.3
USA, North Carolina: Black					464	97.0	2.2	40.1
USA, North Carolina: White					1293	97.8	1.2	29.4
USA, North Dakota					82	100.0	0.0	37.8
USA, Ohio					2453	97.9	1.1	32.7
USA, Ohio: Asian and Pacific Islander					19	100.0	0.0	21.1
USA, Ohio: Black					311	97.4	1.6	36.7
USA, Ohio: White					2080	97.9	1.1	32.7

*Important. See note on population page.

Cervix uteri (C53) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma					844	96.2	0.9	30.8
USA, Oklahoma: American Indian					95	94.7	0.0	21.1
USA, Oklahoma: Black					47	97.9	0.0	48.9
USA, Oklahoma: White					682	96.3	1.2	31.5
USA, Oregon					608	97.5	0.8	29.6
USA, Oregon: Asian and Pacific Islander					28	96.4	0.0	46.4
USA, Oregon: Black					16	100.0	0.0	25.0
USA, Oregon: White					540	97.4	0.9	29.4
USA, Pennsylvania					2683	97.8	0.8	31.2
USA, Pennsylvania: Asian and Pacific Islander					49	100.0	0.0	22.4
USA, Pennsylvania: Black					322	97.8	0.6	42.5
USA, Pennsylvania: White					2239	97.7	0.9	30.7
USA, Rhode Island					231	99.1	0.0	22.9
USA, Rhode Island: Black					18	100.0	0.0	16.7
USA, Rhode Island: White					193	99.0	0.0	24.4
USA, South Carolina					931	97.4	1.3	34.9
USA, South Carolina: Black					334	97.9	1.2	46.1
USA, South Carolina: White					559	97.3	1.4	30.1
USA, South Dakota					115	96.5	2.6	28.7
USA, Tennessee					1348	98.7	0.7	35.2
USA, Tennessee: Black					272	97.8	1.1	46.3
USA, Tennessee: White					1037	98.8	0.6	33.2
USA, Texas					5401	96.1	0.9	31.8
USA, Texas: Asian and Pacific Islander					79	96.2	2.5	57.0
USA, Texas: Black					690	95.5	0.4	40.1
USA, Texas: White					4524	96.3	0.8	30.9
USA, Utah					292	98.3	0.0	26.7
USA, Vermont					98	98.0	2.0	30.6
USA, Virginia					1348	96.7	1.8	33.5
USA, Virginia: Asian and Pacific Islander					62	93.5	6.5	27.4
USA, Virginia: Black					276	96.0	2.2	46.7
USA, Virginia: White					968	97.1	1.4	31.5
USA, Washington State					1096	97.8	0.3	30.3
USA, Washington, Seattle					765	97.9	0.0	27.8
USA, West Virginia					469	97.4	0.6	36.5
USA, Wisconsin					905	97.1	1.5	32.2
USA, Wisconsin: Black					89	100.0	0.0	38.2
USA, Wisconsin: White					761	96.8	1.8	32.2
USA, Wyoming					106	96.2	0.0	23.6
Asia								
Bahrain: Bahraini					44	100.0	0.0	22.7
China, Beijing City					1217	91.5	0.0	25.5
*China, Cixian County					86	89.5	1.2	72.1
China, Haining County					104	98.1	0.0	39.4
*China, Harbin City, Nangang District					277	84.5	0.4	24.9
China, Hong Kong					2080	99.2	0.1	29.9
China, Jiashan County					40	100.0	0.0	50.0
China, Jiaxing City					48	87.5	2.1	22.9
China, Macao					148	95.3	0.0	24.3
China, Qidong County					194	90.7	0.0	54.1
*China, Shanghai City					1038	87.4	0.2	41.1
*China, Wuhan City					983	98.7		20.7
*China, Yangcheng County					749	99.2		32.0
*China, Yanting County					128	98.4	0.0	60.9
*China, Zhongshan City					245	99.2		29.8
*India, Bangalore					1541	92.6	3.4	
*India; Barshi, Paranda, and Bhum					214	92.5		
*India, Bhopal					426	92.0	0.0	
*India, Chennai					2145	90.9	1.2	
*India, Dindigul, Ambilikkai					1215	87.8	1.6	
*India, Karunagappally					108	89.8	0.0	
*India, Mizoram					364	89.0	0.8	
*India, Mumbai					3388	89.3	3.7	
*India, New Delhi					4280	74.0	0.6	
*India, Poona					1035	93.8	2.7	
*India, Sikkim State					87	96.6	1.1	
*India, Trivandrum					188	89.9	0.5	
*Iran (Islamic Republic of), Golestan Province					91	62.6	9.9	19.8
Israel					918	97.3	1.2	32.9
*Israel: Jews					863	97.1	1.3	
*Israel: Non–Jews					55	100.0	0.0	
Japan, Aichi Prefecture					346	98.0	0.9	24.0
Japan, Fukui Prefecture					264	89.4	1.1	30.3
Japan, Hiroshima					440	96.8	3.2	22.0
Japan, Miyagi Prefecture					603	85.9	3.6	30.7
Japan, Nagasaki Prefecture					590	96.9	1.7	31.0
Japan, Niigata Prefecture					748	94.8	3.9	27.7
*Japan, Osaka Prefecture					2509	93.1	4.7	32.8
Japan, Saga Prefecture					317	92.4	1.9	27.8
Republic of Korea					20234	95.8	1.0	26.3
Republic of Korea, Busan					1704	94.2	1.6	28.6
Republic of Korea, Daegu					1037	98.0	0.7	22.8
Republic of Korea, Daejeon					638	95.8	0.5	23.0
Republic of Korea, Gwangju					526	98.1	0.2	26.0
Republic of Korea, Incheon					1119	96.8	0.1	27.2
Republic of Korea, Jejudo					217	94.9	0.0	21.7
Republic of Korea, Seoul					4023	96.5	0.9	22.4
Republic of Korea, Ulsan					343	95.3	1.2	28.3

*Important. See note on population page.

Cervix uteri (C53) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait					161	96.3	0.0	21.1
*Kuwait: Kuwaitis					60	95.0	0.0	
*Kuwait: Non−Kuwaitis					101	97.0	0.0	
*Malaysia, Penang					342	98.2		
*Malaysia, Penang: Chinese					231	98.3		
*Malaysia, Penang: Indian					35	100.0		
*Malaysia, Penang: Malay					71	97.2		
*Philippines, Manila					1991	82.2	3.5	
*Philippines, Rizal					2008	90.2	3.6	
Qatar: Qatari					17	94.1	5.9	41.2
*Saudi Arabia, Riyadh: Saudi					103	100.0	0.0	
Singapore					1013	99.5	0.2	38.6
Singapore: Chinese					865	99.5	0.1	36.5
Singapore: Indian					25	100.0	0.0	64.0
Singapore: Malay					103	99.0	1.0	42.7
Thailand, Bangkok					3214	89.4	2.6	27.0
Thailand, Chiang Mai					1231	96.9	1.1	37.7
Thailand, Chonburi					864	87.4	0.8	53.7
*Thailand, Khon Kaen					621	93.7	0.6	
Thailand, Lampang					545	87.0	1.3	28.3
*Thailand, Songkhla					459	97.4	0.7	
*Turkey, Antalya					225	97.3	0.0	20.0
*Turkey, Edirne					24	100.0	0.0	
*Turkey, Izmir					565	96.5	1.6	
*Turkey, Trabzon					46	95.7	0.0	
Europe								
Austria					2255	95.9	2.4	37.7
Austria, Tyrol					259	99.2	0.0	28.6
Austria, Vorarlberg					100	100.0	0.0	29.0
*Belarus					4452	99.6		41.4
*Belgium					2622	99.7		27.3
Bulgaria					5648	97.5	1.4	31.9
Croatia					1765	90.5	1.1	29.1
Cyprus					124	98.4	0.8	30.2
Czech Republic					5129	97.9	0.2	35.4
Denmark					1936	98.4	0.1	33.6
*Estonia					829	98.2		36.2
Finland					776	98.7	0.1	34.9
*France, Bas−Rhin					240	99.6		25.8
*France, Calvados					175	100.0		23.4
*France, Doubs					168	100.0		20.8
*France, Haut−Rhin					182	100.0		24.7
*France, Hérault					310	99.7		20.6
*France, Isère					231	98.7		24.2
*France, Loire−Atlantique					230	100.0		28.7
*France, Manche					113	100.0		17.7
*France, Somme					184	98.4		21.2
*France, Tarn					121	99.2		18.2
*France, Vendée					97	100.0		23.7
Germany, Brandenburg					903	94.6	4.8	42.3
Germany, Bremen					220	95.9	2.7	30.9
Germany, Free State of Saxony					1565	95.8	3.4	38.0
Germany, Hamburg					558	91.8	2.3	36.4
Germany, Mecklenburg−Western Pomerania					554	96.4	3.2	41.9
Germany, Munich					1102	93.6	4.4	32.1
Germany, North Rhine−Westphalia					644	95.0	3.1	30.4
Germany, Saarland					359	98.9	0.8	32.3
Germany, Schleswig−Holstein					981	89.7	8.0	29.2
Iceland					69	100.0	0.0	17.4
Ireland					1193	98.7	0.5	34.2
Italy, Biella					62	98.4	1.6	14.5
Italy, Brescia					227	96.0	0.0	15.9
Italy, Catania and Messina					190	97.4	0.0	6.8
Italy, Catanzaro					44	100.0	0.0	18.2
Italy, Como					128	98.4	0.0	10.9
Italy, Ferrara					79	97.5	0.0	19.0
Italy, Florence and Prato					188	96.3	0.0	14.4
Italy, Friuli−Venezia Giulia					314	99.4	0.0	19.7
Italy, Genoa					218	97.2	0.5	9.2
Italy, Latina					107	88.8	0.0	13.1
Italy, Lecco					68	92.6	0.0	19.1
Italy, Lombardy, South					133	84.2	0.0	21.8
Italy, Mantua					46	95.7	0.0	19.6
Italy, Milan					264	94.7	1.1	17.8
Italy, Modena					139	100.0	0.0	22.3
Italy, Naples					92	98.9	0.0	17.4
Italy, Nuoro					21	85.7	4.8	14.3
Italy, Palermo					189	91.5	0.5	15.3
Italy, Parma					84	97.6	0.0	16.7
Italy, Ragusa					56	98.2	0.0	13.4
Italy, Reggio Emilia					75	96.0	1.3	12.0
Italy, Romagna					295	98.6	0.0	18.3
Italy, Salerno					189	95.2	0.0	10.1
Italy, Sassari					90	100.0	0.0	12.2
Italy, Sondrio					43	97.7	0.0	27.9
Italy, South Tyrol					84	100.0	0.0	31.0

*Important. See note on population page.

Indices of data quality

Cervix uteri (C53) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse					76	96.1	0.0	27.6
Italy, Trapani					64	95.3	0.0	3.1
Italy, Trento					60	100.0	0.0	28.3
Italy, Turin					186	95.2	0.0	25.3
Italy, Umbria					181	92.8	0.0	18.2
Italy, Varese					163	98.8	0.0	14.7
Italy, Veneto					314	99.0	0.0	15.3
Latvia					912	95.6	3.0	48.4
Lithuania					2616	93.6	1.8	42.9
Malta					53	96.2	1.9	45.3
*Netherlands					3418	99.8		31.3
*Netherlands, Eindhoven					196	100.0		29.6
Norway					1464	99.2	0.1	29.0
Poland, Cracow					333	98.2	0.9	65.5
Poland, Kielce					578	96.4	0.7	50.2
Poland, Lower Silesia					1418	92.8	0.1	50.4
Poland, Podkarpackie					799	94.9	0.9	41.8
Portugal, Azores					92	98.9	1.1	30.8
Russian Federation, Saint Petersburg					1966	91.5	0.0	58.0
*Serbia, Central					4712	87.3	2.4	38.8
Slovakia					2927	97.1	2.0	33.7
Slovenia					904	99.3	0.0	27.4
Spain, Albacete					83	97.6	0.0	28.9
Spain, Asturias					268	97.8	0.7	33.6
Spain, Basque Country					451	98.2	0.7	31.3
Spain, Canary Islands					362	98.3	0.3	30.7
Spain, Ciudad Real					72	97.2	1.4	44.4
Spain, Cuenca					39	89.7	7.7	23.1
Spain, Girona					143	97.2	0.7	23.1
*Spain, Granada					161	98.1		26.1
Spain, La Rioja					63	96.8	0.0	20.6
Spain, Mallorca					224	99.1	0.0	43.9
Spain, Murcia					317	97.8	0.6	20.2
Spain, Navarra					82	98.8	1.2	30.5
Spain, Tarragona					213	96.7	2.8	22.5
*Sweden					2235	100.0		32.2
Switzerland, Basel					71	100.0	0.0	39.4
Switzerland, Geneva					54	98.1	1.9	37.0
Switzerland, Graubünden and Glarus					48	100.0	0.0	31.2
Switzerland, Neuchâtel					23	95.7	0.0	26.1
Switzerland, St Gall−Appenzell					85	98.8	0.0	44.7
Switzerland, Ticino					73	98.6	1.4	30.1
Switzerland, Valais					47	100.0	0.0	34.0
Switzerland, Vaud					90	98.9	1.1	30.0
Switzerland, Zurich					210	99.0	1.0	37.1
Ukraine					25373	95.6	0.1	43.6
UK, England					11638	96.2	0.7	35.7
UK, England, East of England Region					982	95.9	0.4	38.2
UK, England, North Western					1654	92.9	0.2	40.3
UK, England, Northern and Yorkshire					1941	97.8	0.3	32.9
UK, England, Oxford Region					569	96.8	0.9	29.3
UK, England, South and Western Regions					1634	96.8	0.8	36.0
UK, England, Thames					2198	95.7	1.2	37.4
UK, England, Trent					841	98.6	0.7	27.8
UK, England, West Midlands					1308	97.4	1.0	36.1
UK, Northern Ireland					430	98.6	0.0	30.9
UK, Scotland					1432	97.6	0.1	38.1
UK, Wales					842	95.2	0.5	36.6
Oceania								
Australian Capital Territory					55	100.0	0.0	21.8
Australia, New South Wales					1221	96.3	0.7	31.7
Australia, Northern Territory					45	100.0	0.0	20.0
Australia, Northern Territory: Indigenous					18	100.0	0.0	44.4
Australia, Northern Territory: Non−Indigenous					27	100.0	0.0	3.7
Australia, Queensland					810	92.1	0.7	27.4
South Australia					234	98.7	0.0	36.8
Australia, Tasmania					98	100.0	0.0	40.8
Australia, Victoria					801	97.6	1.1	28.6
Western Australia					394	98.2	0.3	31.5
New Zealand					804	95.8	1.0	37.3
New Zealand: Maori					153	95.4	1.3	37.3
New Zealand: Pacific Islander					56	91.1	1.8	53.6
New Zealand: Other					595	96.3	0.8	35.8
USA, Hawaii					249	99.6	0.0	29.3
*USA, Hawaii: Chinese					12	100.0	0.0	
*USA, Hawaii: Filipino					45	100.0	0.0	
*USA, Hawaii: Hawaiian					44	97.7	0.0	
*USA, Hawaii: Japanese					45	100.0	0.0	
*USA, Hawaii: White					57	100.0	0.0	

*Important. See note on population page.

Indices of data quality

Other uterus (C54-55)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif					24	100.0		
Egypt, Gharbiah					287	92.3	5.6	25.8
*Libya, Benghazi					105	92.4	6.7	24.8
*Malawi, Blantyre					38	84.2		
*South Africa, PROMEC					34	70.6		
*Tunisia, North					261	99.2		
*Uganda, Kyadondo County					86	57.0	0.0	
*Zimbabwe, Harare: African					86	61.6	4.7	
America, Central and South								
Argentina, Bahía Blanca					117	92.3	6.0	26.5
Argentina, Córdoba					358	86.3	12.8	46.1
Argentina, Mendoza					552	89.3	9.4	50.5
*Argentina, Tierra del Fuego					19	89.5	0.0	36.8
Brazil, Aracaju					80	93.8	6.2	57.5
Brazil, Belo Horizonte					288	92.0	7.6	39.2
Brazil, Cuiabá					65	83.1	12.3	67.7
Brazil, Fortaleza					232	87.9	8.2	61.2
Brazil, Goiânia					231	99.1	0.9	26.8
*Brazil, São Paulo					3463	82.8	7.0	34.1
Chile, Region of Antofagasta					59	83.1	10.2	39.0
Chile, Bío Bío Province					42	85.7	0.0	61.9
Chile, Valdivia					61	90.2	8.2	44.3
Colombia, Bucaramanga					174	92.5	5.2	31.6
Colombia, Cali					328	94.5	2.1	30.5
Colombia, Manizales					76	100.0	0.0	35.5
Colombia, Pasto					46	100.0	0.0	54.3
Costa Rica					723	90.0	4.8	32.4
Cuba, Villa Clara					212	84.4	7.1	58.5
Ecuador, Cuenca					45	55.6	11.1	115.6
Ecuador, Quito					206	81.1	14.6	74.8
*France, Martinique					148	96.6		53.4
*Jamaica, Kingston and St Andrew					174	96.0		
USA, Puerto Rico					1921	96.3	2.8	24.4
Uruguay					817	84.6	11.9	44.4
America, North								
Canada					20530	95.4	0.9	17.8
Canada, Alberta					1893	98.7	0.2	15.2
Canada, British Columbia					2609	98.1	0.7	16.3
Canada, Manitoba					893	99.0	0.2	13.8
Canada, New Brunswick					468	98.7	0.0	19.0
Canada, Newfoundland and Labrador					312	100.0	0.0	16.0
*Canada, Northwest Territories					12	100.0	0.0	8.3
Canada, Nova Scotia					620	98.4	0.8	18.1
Canada, Ontario					8104	94.9	0.9	19.0
Canada, Prince Edward Island					90	98.9	0.0	13.3
*Canada, Quebec					4871	91.3	1.6	19.2
Canada, Saskatchewan					639	98.3	0.6	16.6
*Canada, Yukon					19	100.0	0.0	5.3
USA, NPCR (42 states)					174367	98.4	0.6	18.2
USA, NPCR (42 states): American Indian					840	97.6	0.6	12.4
USA, NPCR (42 states): Asian and Pacific Islander					3739	98.9	0.3	16.4
USA, NPCR (42 states): Black					16474	97.3	0.9	32.6
USA, NPCR (42 states): White					150513	98.5	0.6	17.1
USA, SEER (9 registries)					18833	98.8	0.4	17.7
*USA, SEER (9 registries): Black					1525	98.3	0.3	
*USA, SEER (9 registries): White					15525	98.8	0.4	
USA, SEER (18 registries)					50646	98.6	0.4	17.3
*USA, SEER (18 registries): Asian and Pacific Islander					3363	99.3	0.2	
*USA, SEER (18 registries): Black					4386	98.2	0.5	
*USA, SEER (18 registries): Hispanic White					4649	98.6	0.3	
*USA, SEER (18 registries): Non−Hispanic White					37594	98.7	0.4	
*USA, SEER (18 registries): White					42243	98.6	0.4	
USA, Alabama					2413	98.6	0.3	19.9
USA, Alabama: Black					589	97.5	0.3	31.1
USA, Alabama: White					1802	99.0	0.3	16.5
USA, Alaska					306	98.4	0.3	8.5
*USA, Alaska: American Indian					33	97.0	0.0	12.1
USA, Arizona					2973	97.6	1.1	16.5
USA, Arizona: American Indian					121	96.7	1.7	11.6
USA, Arizona: Asian and Pacific Islander					35	97.1	0.0	20.0
USA, Arizona: Black					80	95.0	2.5	31.2
USA, Arizona: White					2674	97.6	1.0	16.6
USA, Arkansas					1521	98.4	0.2	19.0
USA, Arkansas: Black					178	97.2	0.0	33.7
USA, Arkansas: White					1323	98.6	0.2	17.3
USA, California					19775	98.8	0.3	18.3
USA, California: American Indian					97	96.9	1.0	8.2
USA, California: Asian and Pacific Islander					1980	99.2	0.3	16.8
USA, California: Black					1111	98.5	0.6	35.1
USA, California: White					16301	98.7	0.3	17.7
USA, California, Los Angeles County					5371	98.9	0.4	19.8
*USA, California, Los Angeles County: Asian and Pacific Islander					705	99.1	0.3	
*USA, California, Los Angeles County: Black					528	97.9	1.1	
*USA, California, Los Angeles County: Chinese					149	98.7	0.7	
*USA, California, Los Angeles County: Filipino					254	99.6	0.0	
*USA, California, Los Angeles County: Hispanic White					1395	98.6	0.4	

*Important. See note on population page.

Other uterus (C54-55) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese					102	99.0	1.0	
*USA, California, Los Angeles County: Korean					44	97.7	0.0	
*USA, California, Los Angeles County: Non−Hispanic White					2711	99.2	0.4	
*USA, California, Los Angeles County: White					4106	99.0	0.4	
USA, California, San Francisco Bay Area					2756	99.0	0.3	18.2
*USA, California, San Francisco Bay Area: Asian and Pacific Islander					505	99.4	0.4	
*USA, California, San Francisco Bay Area: Black					211	98.1	0.5	
*USA, California, San Francisco Bay Area: Hispanic White					251	99.6	0.4	
*USA, California, San Francisco Bay Area: Non−Hispanic White					1734	98.9	0.3	
*USA, California, San Francisco Bay Area: White					1985	99.0	0.3	
USA, Colorado					2349	97.8	1.4	15.5
USA, Colorado: Asian and Pacific Islander					30	100.0	0.0	3.3
USA, Colorado: Black					63	93.7	1.6	31.7
USA, Colorado: White					2204	97.8	1.5	15.5
USA, Connecticut					2994	99.2	0.4	17.3
*USA, Connecticut: Black					199	99.5	0.0	
*USA, Connecticut: White					2745	99.2	0.4	
USA, Delaware					698	98.7	0.6	17.9
USA, Delaware: Black					104	96.2	1.9	34.6
USA, Delaware: White					579	99.3	0.3	15.4
USA, Florida					11936	98.5	0.8	18.7
USA, Florida: Asian and Pacific Islander					94	100.0	0.0	19.1
USA, Florida: Black					1301	97.8	0.8	30.0
USA, Florida: White					10375	98.6	0.8	17.5
USA, Georgia					4147	98.6	0.7	19.7
USA, Georgia: Asian and Pacific Islander					33	100.0	0.0	36.4
USA, Georgia: Black					1038	98.1	0.6	30.9
USA, Georgia: White					3051	98.7	0.7	15.9
USA, Georgia, Atlanta					1365	98.8	0.4	20.0
*USA, Georgia, Atlanta: Black					416	98.8	0.2	
*USA, Georgia, Atlanta: White					917	98.8	0.5	
USA, Idaho					792	97.9	0.6	17.9
USA, Illinois					9195	98.4	0.6	17.7
USA, Illinois: Asian and Pacific Islander					138	98.6	0.0	13.8
USA, Illinois: Black					1028	96.9	1.6	31.5
USA, Illinois: White					7827	98.6	0.5	16.4
USA, Indiana					4564	98.4	0.9	18.4
USA, Indiana: Black					244	97.5	1.2	30.3
USA, Indiana: White					4249	98.4	0.9	17.9
USA, Iowa					2484	98.7	0.5	19.1
USA, Kentucky					2893	97.8	0.4	15.5
USA, Louisiana					1643	98.2	0.3	22.4
*USA, Louisiana: Black					487	97.1	0.4	
*USA, Louisiana: White					1143	98.6	0.3	
*USA, Louisiana, New Orleans					346	98.3	0.3	
*USA, Louisiana, New Orleans: Black					121	98.3	0.0	
*USA, Louisiana, New Orleans: White					222	98.2	0.5	
USA, Maine					1297	98.4	0.7	15.3
USA, Massachusetts					5602	98.5	0.5	15.5
USA, Massachusetts: Asian and Pacific Islander					91	100.0	0.0	6.6
USA, Massachusetts: Black					192	96.9	0.0	26.6
USA, Massachusetts: White					5235	98.5	0.5	15.5
USA, Michigan					7896	98.0	0.5	17.8
USA, Michigan: Asian and Pacific Islander					38	94.7	0.0	23.7
USA, Michigan: Black					795	96.6	0.8	30.4
USA, Michigan: White					6883	98.2	0.5	16.7
USA, Michigan, Detroit					3167	98.7	0.4	19.4
*USA, Michigan, Detroit: Black					607	97.9	0.3	
*USA, Michigan, Detroit: White					2506	98.9	0.4	
USA, Mississippi					1497	98.0	1.5	22.0
USA, Missouri					4115	97.8	0.8	18.8
USA, Missouri: Black					306	98.4	0.7	35.6
USA, Missouri: White					3750	97.7	0.8	17.7
USA, Montana					654	98.0	1.4	20.5
USA, Montana: American Indian					32	100.0	0.0	15.6
USA, Nebraska					1346	98.5	0.6	20.8
USA, Nebraska: Black					30	100.0	0.0	33.3
USA, Nebraska: White					1296	98.5	0.6	20.8
USA, New Hampshire					1114	98.4	0.4	13.4
USA, New Jersey					7442	98.7	0.3	18.5
*USA, New Jersey: Black					697	98.7	0.3	
*USA, New Jersey: White					6413	98.7	0.3	
USA, New Mexico					1025	98.2	0.6	18.2
*USA, New Mexico: Hispanic White					299	97.3	0.7	
*USA, New Mexico: Non−Hispanic White					644	98.6	0.5	
*USA, New Mexico: White					943	98.2	0.5	
USA, New York State					16374	98.8	0.3	18.4
USA, New York State: Asian and Pacific Islander					419	99.0	0.0	12.4
USA, New York State: Black					2234	98.4	0.4	31.5
USA, New York State: White					13357	98.8	0.3	16.9
USA, North Carolina					5221	98.7	0.6	20.1
USA, North Carolina: American Indian					39	97.4	2.6	23.1
USA, North Carolina: Asian and Pacific Islander					39	100.0	0.0	7.7
USA, North Carolina: Black					962	97.3	1.1	34.7
USA, North Carolina: White					4136	99.1	0.4	16.9
USA, North Dakota					488	99.0	0.6	21.3
USA, Ohio					9205	99.0	0.4	17.7
USA, Ohio: Asian and Pacific Islander					28	92.9	3.6	14.3
USA, Ohio: Black					652	98.6	0.6	35.4
USA, Ohio: White					8343	99.1	0.4	16.7

*Important. See note on population page.

Other uterus (C54-55) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma					2084	97.4	1.0	20.7
USA, Oklahoma: American Indian					179	98.3	0.0	9.5
USA, Oklahoma: Black					105	96.2	1.0	37.1
USA, Oklahoma: White					1773	97.3	1.1	20.9
USA, Oregon					2558	98.2	0.7	16.4
USA, Oregon: Asian and Pacific Islander					52	94.2	3.8	13.5
USA, Oregon: Black					22	90.9	0.0	27.3
USA, Oregon: White					2388	98.3	0.6	17.0
USA, Pennsylvania					11939	98.5	0.6	18.2
USA, Pennsylvania: Asian and Pacific Islander					55	100.0	0.0	20.0
USA, Pennsylvania: Black					721	97.4	0.7	34.0
USA, Pennsylvania: White					11019	98.5	0.6	17.4
USA, Rhode Island					974	98.5	0.8	13.4
USA, Rhode Island: Black					23	100.0	0.0	39.1
USA, Rhode Island: White					885	98.3	0.9	13.6
USA, South Carolina					2485	98.4	0.6	21.2
USA, South Carolina: Black					684	96.8	0.9	36.0
USA, South Carolina: White					1757	99.0	0.6	15.8
USA, South Dakota					572	98.1	0.7	17.7
USA, Tennessee					3343	97.9	1.2	19.9
USA, Tennessee: Black					385	96.1	2.9	34.8
USA, Tennessee: White					2918	98.1	1.0	18.1
USA, Texas					10310	97.7	1.0	18.9
USA, Texas: Asian and Pacific Islander					124	96.8	0.8	27.4
USA, Texas: Black					1006	96.3	1.4	32.7
USA, Texas: White					8947	97.9	1.0	17.6
USA, Utah					1132	99.0	0.2	14.4
USA, Vermont					613	98.9	0.7	14.4
USA, Virginia					4619	98.5	1.0	18.9
USA, Virginia: Asian and Pacific Islander					95	97.9	1.1	21.1
USA, Virginia: Black					695	96.3	2.4	35.0
USA, Virginia: White					3705	98.9	0.7	16.5
USA, Washington State					4151	98.5	0.3	16.9
USA, Washington, Seattle					2925	98.7	0.2	16.0
USA, West Virginia					1685	98.2	0.7	16.4
USA, Wisconsin					4287	98.2	1.2	18.3
USA, Wisconsin: Black					125	97.6	0.8	39.2
USA, Wisconsin: White					4052	98.3	1.2	17.9
USA, Wyoming					277	99.3	0.0	16.6
Asia								
Bahrain: Bahraini					63	96.8	1.6	30.2
China, Beijing City					2010	95.4	0.1	21.2
*China, Cixian County					57	71.9	5.3	54.4
China, Haining County					77	98.7	0.0	20.8
*China, Harbin City, Nangang District					136	84.6	0.7	36.0
China, Hong Kong					2556	99.0	0.2	14.4
China, Jiashan County					55	94.5	0.0	18.2
China, Jiaxing City					50	96.0	2.0	22.0
China, Macao					110	90.0	0.0	20.9
China, Qidong County					116	88.8	0.9	42.2
*China, Shanghai City					1825	89.2	0.1	25.8
*China, Wuhan City					709	97.7		39.1
*China, Yangcheng County					10	100.0		20.0
*China, Yanting County					142	96.5	1.4	83.8
*China, Zhongshan City					458	99.1		26.2
*India, Bangalore					434	93.1	4.4	
*India; Barshi, Paranda, and Bhum					15	100.0		
*India, Bhopal					64	96.9	0.0	
*India, Chennai					321	86.9	2.2	
*India, Dindigul, Ambilikkai					55	90.9	0.0	
*India, Karunagappally					20	90.0	0.0	
*India, Mizoram					33	75.8	0.0	
*India, Mumbai					929	85.1	9.0	
*India, New Delhi					1111	84.1	0.4	
*India, Poona					204	86.3	8.3	
*India, Sikkim State					19	94.7	0.0	
*India, Trivandrum					98	99.0	0.0	
*Iran (Islamic Republic of), Golestan Province					45	66.7	6.7	17.8
Israel					3035	97.2	1.5	22.2
*Israel: Jews					2802	97.2	1.5	
*Israel: Non–Jews					233	97.0	1.7	
Japan, Aichi Prefecture					396	90.9	6.6	27.5
Japan, Fukui Prefecture					240	82.9	2.5	32.5
Japan, Hiroshima					539	93.5	5.8	20.6
Japan, Miyagi Prefecture					779	85.9	7.4	36.7
Japan, Nagasaki Prefecture					608	93.8	2.8	30.3
Japan, Niigata Prefecture					918	90.3	6.2	30.9
*Japan, Osaka Prefecture					2634	85.2	9.3	39.6
Japan, Saga Prefecture					294	88.1	5.8	37.1
Republic of Korea					6638	94.6	2.7	19.9
Republic of Korea, Busan					533	93.4	3.2	20.1
Republic of Korea, Daegu					271	94.5	2.6	18.8
Republic of Korea, Daejeon					193	95.3	1.6	14.5
Republic of Korea, Gwangju					146	97.3	1.4	19.9
Republic of Korea, Incheon					337	98.2	1.2	19.9
Republic of Korea, Jejudo					47	97.9	0.0	10.6
Republic of Korea, Seoul					1603	95.1	2.6	16.7
Republic of Korea, Ulsan					131	92.4	3.1	20.6

*Important. See note on population page.

Other uterus (C54-55) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait					185	98.4	0.5	32.4
*Kuwait: Kuwaitis					120	98.3	0.8	
*Kuwait: Non−Kuwaitis					65	98.5	0.0	
*Malaysia, Penang					200	96.5		
*Malaysia, Penang: Chinese					106	98.1		
*Malaysia, Penang: Indian					44	93.2		
*Malaysia, Penang: Malay					49	95.9		
*Philippines, Manila					1346	82.0	8.9	
*Philippines, Rizal					1309	85.3	8.3	
Qatar: Qatari					24	95.8	0.0	16.7
*Saudi Arabia, Riyadh: Saudi					198	98.5	1.5	
Singapore					1337	99.0	0.1	15.4
Singapore: Chinese					1104	98.9	0.2	14.6
Singapore: Indian					79	100.0	0.0	16.5
Singapore: Malay					140	99.3	0.0	17.1
Thailand, Bangkok					1026	85.6	8.2	25.6
Thailand, Chiang Mai					201	96.0	2.0	30.8
Thailand, Chonburi					158	93.7	0.6	37.3
*Thailand, Khon Kaen					180	93.3	3.3	
Thailand, Lampang					84	90.5	2.4	54.8
*Thailand, Songkhla					110	97.3	0.0	
*Turkey, Antalya					327	95.7	1.2	21.4
*Turkey, Edirne					89	97.8	1.1	
*Turkey, Izmir					1049	96.6	2.2	
*Turkey, Trabzon					79	98.7	0.0	
Europe								
Austria					4988	95.3	3.2	28.7
Austria, Tyrol					390	97.9	0.5	26.9
Austria, Vorarlberg					192	97.9	2.1	25.0
*Belarus					6987	99.6		23.3
*Belgium					5671	99.5		24.2
Bulgaria					6253	95.5	3.0	31.8
Croatia					2922	87.2	3.8	33.3
Cyprus					381	95.3	4.5	25.6
Czech Republic					9023	97.6	0.3	26.5
Denmark					3400	98.9	0.1	26.4
*Estonia					968	98.1		31.0
Finland					3943	98.9	0.1	19.9
*France, Bas−Rhin					688	99.4		26.2
*France, Calvados					386	98.4		35.0
*France, Doubs					254	99.6		34.6
*France, Haut−Rhin					428	100.0		29.7
*France, Hérault					512	97.7		42.2
*France, Isère					522	98.9		33.5
*France, Loire−Atlantique					495	99.0		33.1
*France, Manche					270	99.6		35.6
*France, Somme					370	97.8		44.9
*France, Tarn					263	97.3		33.5
*France, Vendée					270	100.0		39.3
Germany, Brandenburg					1881	95.2	4.6	22.0
Germany, Bremen					510	95.5	4.3	15.5
Germany, Free State of Saxony					3673	95.7	3.8	21.0
Germany, Hamburg					1010	94.4	3.3	25.6
Germany, Mecklenburg−Western Pomerania					1242	94.7	4.9	21.3
Germany, Munich					2645	93.8	5.4	21.3
Germany, North Rhine−Westphalia					1597	95.2	2.4	24.0
Germany, Saarland					793	98.0	1.1	26.0
Germany, Schleswig−Holstein					1938	90.7	7.7	19.1
Iceland					130	100.0	0.0	22.3
Ireland					1570	96.8	1.0	22.4
Italy, Biella					135	98.5	0.0	32.6
Italy, Brescia					538	89.8	1.3	35.3
Italy, Catania and Messina					664	93.2	3.0	37.5
Italy, Catanzaro					142	96.5	0.0	27.5
Italy, Como					369	96.7	1.1	27.1
Italy, Ferrara					304	96.4	0.3	31.6
Italy, Florence and Prato					592	94.3	0.8	26.4
Italy, Friuli−Venezia Giulia					839	98.1	0.2	40.3
Italy, Genoa					623	95.2	1.4	28.9
Italy, Latina					263	84.4	0.8	37.3
Italy, Lecco					246	87.8	0.4	25.2
Italy, Lombardy, South					341	84.5	0.6	35.8
Italy, Mantua					167	93.4	0.0	29.9
Italy, Milan					802	95.5	0.6	27.8
Italy, Modena					529	97.9	0.6	25.0
Italy, Naples					247	94.3	1.2	48.6
Italy, Nuoro					154	94.2	1.3	37.7
Italy, Palermo					543	89.9	1.3	40.5
Italy, Parma					375	95.5	0.0	32.8
Italy, Ragusa					216	90.7	4.6	40.5
Italy, Reggio Emilia					364	94.8	0.0	26.6
Italy, Romagna					851	94.8	0.7	27.0
Italy, Salerno					587	86.7	2.0	40.5
Italy, Sassari					299	95.7	2.3	27.4
Italy, Sondrio					106	97.2	0.0	33.0
Italy, South Tyrol					229	96.5	1.3	24.5

*Important. See note on population page.

Other uterus (C54-55) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse					263	90.1	2.7	43.3
Italy, Trapani					229	95.6	0.0	37.6
Italy, Trento					233	98.7	0.0	31.3
Italy, Turin					661	97.1	1.1	32.2
Italy, Umbria					622	96.8	0.0	29.6
Italy, Varese					604	97.7	0.3	28.0
Italy, Veneto					1270	97.2	0.5	25.4
Latvia					1565	94.4	3.1	37.6
Lithuania					2734	94.6	2.1	26.1
Malta					300	97.7	1.3	25.7
*Netherlands					8808	99.7		22.7
*Netherlands, Eindhoven					598	99.8		19.2
Norway					3358	98.8	0.3	22.3
Poland, Cracow					466	96.8	1.5	39.1
Poland, Kielce					867	96.8	0.6	24.6
Poland, Lower Silesia					1793	95.8	0.1	25.8
Poland, Podkarpackie					1205	95.8	1.2	28.1
Portugal, Azores					116	91.4	6.9	35.9
Russian Federation, Saint Petersburg					3443	92.1	0.0	40.9
*Serbia, Central					3476	85.6	3.3	33.3
Slovakia					4142	95.0	4.1	28.1
Slovenia					1526	98.7	0.4	29.7
Spain, Albacete					206	94.7	2.9	30.1
Spain, Asturias					847	96.2	1.7	27.4
Spain, Basque Country					1469	96.7	1.0	23.7
Spain, Canary Islands					574	97.6	0.7	23.2
Spain, Ciudad Real					234	91.5	1.7	30.3
Spain, Cuenca					125	93.6	4.0	24.0
Spain, Girona					365	94.8	3.6	23.0
*Spain, Granada					544	98.5		31.4
Spain, La Rioja					199	93.5	1.5	34.7
Spain, Mallorca					386	96.4	1.6	29.8
Spain, Murcia					799	97.1	0.9	26.0
Spain, Navarra					384	97.1	0.5	23.2
Spain, Tarragona					348	94.8	1.1	27.9
*Sweden					7250	99.9		22.3
Switzerland, Basel					309	98.7	1.3	20.7
Switzerland, Geneva					278	98.6	0.7	16.9
Switzerland, Graubünden and Glarus					127	96.1	0.8	30.7
Switzerland, Neuchâtel					118	97.5	0.0	24.6
Switzerland, St Gall−Appenzell					319	97.8	0.0	21.6
Switzerland, Ticino					188	99.5	0.0	30.3
Switzerland, Valais					169	99.4	0.6	15.4
Switzerland, Vaud					388	98.2	0.5	23.2
Switzerland, Zurich					752	98.4	0.5	23.3
Ukraine					33946	95.7	0.2	32.1
UK, England					29199	95.6	1.2	23.3
UK, England, East of England Region					3458	95.9	0.7	22.7
UK, England, North Western					3578	93.8	0.4	23.3
UK, England, Northern and Yorkshire					3796	96.8	0.5	22.4
UK, England, Oxford Region					1461	97.1	0.8	21.0
UK, England, South and Western Regions					4508	96.1	1.4	22.6
UK, England, Thames					5935	95.0	1.7	25.3
UK, England, Trent					1924	95.9	1.1	22.3
UK, England, West Midlands					3380	95.4	2.6	23.0
UK, Northern Ireland					922	96.3	0.4	21.8
UK, Scotland					2857	96.0	0.7	24.3
UK, Wales					2095	89.3	2.0	22.9
Oceania								
Australian Capital Territory					122	98.4	0.0	19.7
Australia, New South Wales					2974	97.7	1.0	18.4
Australia, Northern Territory					52	98.1	1.9	15.4
Australia, Northern Territory: Indigenous					20	100.0	0.0	15.0
Australia, Northern Territory: Non−Indigenous					30	96.7	3.3	16.7
Australia, Queensland					1777	96.9	0.6	21.1
South Australia					839	98.2	0.0	15.5
Australia, Tasmania					220	98.6	0.0	17.3
Australia, Victoria					2487	97.8	1.0	16.5
Western Australia					723	98.2	0.1	19.2
New Zealand					1827	96.6	1.9	23.6
New Zealand: Maori					223	99.1	0.0	26.5
New Zealand: Pacific Islander					187	96.3	1.6	24.1
New Zealand: Other					1417	96.2	2.2	23.1
USA, Hawaii					985	99.2	0.5	14.3
*USA, Hawaii: Chinese					55	98.2	1.8	
*USA, Hawaii: Filipino					134	100.0	0.0	
*USA, Hawaii: Hawaiian					215	99.1	0.5	
*USA, Hawaii: Japanese					230	99.6	0.0	
*USA, Hawaii: White					234	98.3	1.3	

*Important. See note on population page.

Indices of data quality

Ovary (C56)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif					34	100.0		
Egypt, Gharbiah					424	89.6	2.4	36.1
*Libya, Benghazi					75	86.7	5.3	42.7
*Malawi, Blantyre					73	83.6		
*South Africa, PROMEC					23	52.2		
*Tunisia, North					277	93.5		
*Uganda, Kyadondo County					126	38.1	0.8	
*Zimbabwe, Harare: African					110	58.2	6.4	
America, Central and South								
Argentina, Bahía Blanca					128	79.7	19.5	58.6
Argentina, Córdoba					351	83.8	14.0	55.3
Argentina, Mendoza					448	87.5	9.4	47.3
*Argentina, Tierra del Fuego					16	87.5	6.2	43.8
Brazil, Aracaju					76	90.8	3.9	60.5
Brazil, Belo Horizonte					276	81.5	17.4	58.0
Brazil, Cuiabá					72	84.7	8.3	33.3
Brazil, Fortaleza					343	87.8	10.2	40.5
Brazil, Goiânia					265	93.2	4.5	42.6
*Brazil, São Paulo					2553	73.7	11.0	52.7
Chile, Region of Antofagasta					65	73.8	16.9	58.5
Chile, Bío Bío Province					89	62.9	1.1	50.6
Chile, Valdivia					71	85.9	1.4	57.7
Colombia, Bucaramanga					168	85.1	8.3	67.3
Colombia, Cali					494	81.2	4.5	55.1
Colombia, Manizales					70	85.7	7.1	78.6
Colombia, Pasto					70	85.7	7.1	42.9
Costa Rica					546	82.1	5.7	51.6
Cuba, Villa Clara					115	83.5	5.2	47.8
Ecuador, Cuenca					55	81.8	5.5	52.7
Ecuador, Quito					280	87.9	5.0	45.4
*France, Martinique					79	96.2		68.4
*Jamaica, Kingston and St Andrew					68	80.9		
USA, Puerto Rico					744	84.7	10.1	64.9
Uruguay					626	74.4	18.1	59.6
America, North								
Canada					11953	81.3	1.5	66.5
Canada, Alberta					890	90.3	0.6	71.8
Canada, British Columbia					1434	88.7	2.1	75.3
Canada, Manitoba					469	85.1	1.5	72.1
Canada, New Brunswick					314	89.8	0.0	65.6
Canada, Newfoundland and Labrador					116	90.5	0.9	100.9
*Canada, Northwest Territories					3	100.0	0.0	0.0
Canada, Nova Scotia					320	88.4	0.9	84.1
Canada, Ontario					4927	77.2	1.6	63.0
Canada, Prince Edward Island					42	90.5	0.0	57.1
*Canada, Quebec					3066	78.1	1.7	57.9
Canada, Saskatchewan					367	89.4	1.4	77.9
*Canada, Yukon					5	100.0	0.0	100.0
USA, NPCR (42 states)					95307	91.3	2.2	69.4
USA, NPCR (42 states): American Indian					442	89.4	2.0	55.0
USA, NPCR (42 states): Asian and Pacific Islander					2295	94.6	0.9	54.9
USA, NPCR (42 states): Black					7729	88.0	2.7	71.0
USA, NPCR (42 states): White					83672	91.5	2.2	70.7
USA, SEER (9 registries)					9946	92.6	1.6	67.5
*USA, SEER (9 registries): Black					794	89.9	2.0	
*USA, SEER (9 registries): White					8233	92.7	1.6	
USA, SEER (18 registries)					28321	92.0	1.4	64.0
*USA, SEER (18 registries): Asian and Pacific Islander					1877	94.3	0.5	
*USA, SEER (18 registries): Black					2207	88.9	1.9	
*USA, SEER (18 registries): Hispanic White					2892	93.4	1.1	
*USA, SEER (18 registries): Non−Hispanic White					21058	91.9	1.4	
*USA, SEER (18 registries): White					23950	92.1	1.4	
USA, Alabama					1626	92.8	1.9	81.2
USA, Alabama: Black					290	91.7	1.4	79.0
USA, Alabama: White					1322	93.0	2.0	82.3
USA, Alaska					183	97.3	0.5	42.6
*USA, Alaska: American Indian					29	96.6	0.0	34.5
USA, Arizona					2022	88.1	3.8	71.5
USA, Arizona: American Indian					58	87.9	0.0	74.1
USA, Arizona: Asian and Pacific Islander					29	86.2	0.0	62.1
USA, Arizona: Black					37	81.1	8.1	70.3
USA, Arizona: White					1880	88.1	3.9	72.3
USA, Arkansas					940	92.2	2.1	76.7
USA, Arkansas: Black					78	85.9	3.8	89.7
USA, Arkansas: White					853	92.7	2.0	76.3
USA, California					11773	92.1	1.0	67.6
USA, California: American Indian					50	90.0	2.0	62.0
USA, California: Asian and Pacific Islander					1157	94.3	0.4	53.8
USA, California: Black					572	88.8	1.6	70.1
USA, California: White					9845	92.0	1.0	70.1
USA, California, Los Angeles County					3134	93.4	1.0	68.2
*USA, California, Los Angeles County: Asian and Pacific Islander					402	96.3	0.5	
*USA, California, Los Angeles County: Black					269	87.4	1.5	
*USA, California, Los Angeles County: Chinese					106	98.1	0.9	
*USA, California, Los Angeles County: Filipino					107	96.3	0.0	
*USA, California, Los Angeles County: Hispanic White					855	94.4	1.3	

*Important. See note on population page.

Indices of data quality

Ovary (C56) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese					60	91.7	1.7	
*USA, California, Los Angeles County: Korean					48	97.9	0.0	
*USA, California, Los Angeles County: Non−Hispanic White					1600	93.2	0.9	
*USA, California, Los Angeles County: White					2455	93.6	1.0	
USA, California, San Francisco Bay Area					1563	93.3	1.1	63.7
*USA, California, San Francisco Bay Area: Asian and Pacific Islander					321	94.4	0.3	
*USA, California, San Francisco Bay Area: Black					113	86.7	3.5	
*USA, California, San Francisco Bay Area: Hispanic White					165	94.5	1.2	
*USA, California, San Francisco Bay Area: Non−Hispanic White					942	93.4	1.1	
*USA, California, San Francisco Bay Area: White					1107	93.6	1.1	
USA, Colorado					1592	91.0	3.4	65.1
USA, Colorado: Asian and Pacific Islander					23	95.7	4.3	56.5
USA, Colorado: Black					39	84.6	7.7	53.8
USA, Colorado: White					1508	91.0	3.3	66.4
USA, Connecticut					1446	94.9	1.5	66.6
*USA, Connecticut: Black					75	96.0	2.7	
*USA, Connecticut: White					1339	94.8	1.5	
USA, Delaware					341	93.5	2.9	66.9
USA, Delaware: Black					40	95.0	2.5	82.5
USA, Delaware: White					291	93.5	3.1	64.9
USA, Florida					7438	91.2	2.4	66.5
USA, Florida: Asian and Pacific Islander					60	98.3	0.0	61.7
USA, Florida: Black					588	86.6	2.9	61.9
USA, Florida: White					6695	91.6	2.3	67.9
USA, Georgia					2875	91.8	2.3	68.0
USA, Georgia: Asian and Pacific Islander					32	93.8	0.0	46.9
USA, Georgia: Black					594	90.4	2.5	64.3
USA, Georgia: White					2220	92.1	2.3	70.0
USA, Georgia, Atlanta					904	95.2	1.4	62.7
*USA, Georgia, Atlanta: Black					272	94.1	1.8	
*USA, Georgia, Atlanta: White					602	95.7	1.3	
USA, Idaho					474	90.1	3.0	66.9
USA, Illinois					4670	91.3	1.9	68.4
USA, Illinois: Asian and Pacific Islander					86	93.0	3.5	62.8
USA, Illinois: Black					452	86.9	4.6	76.5
USA, Illinois: White					4062	91.6	1.6	68.8
USA, Indiana					2202	90.5	2.5	75.2
USA, Indiana: Black					125	87.2	3.2	69.6
USA, Indiana: White					2059	90.6	2.4	76.0
USA, Iowa					1232	90.7	1.5	72.6
USA, Kentucky					1456	90.3	1.4	72.2
USA, Louisiana					1088	91.0	1.5	76.6
*USA, Louisiana: Black					250	86.4	1.6	
*USA, Louisiana: White					827	92.4	1.5	
*USA, Louisiana, New Orleans					227	94.7	0.4	
*USA, Louisiana, New Orleans: Black					58	96.6	0.0	
*USA, Louisiana, New Orleans: White					165	93.9	0.6	
USA, Maine					509	92.3	1.4	71.3
USA, Massachusetts					2566	91.9	1.8	71.3
USA, Massachusetts: Asian and Pacific Islander					50	94.0	2.0	26.0
USA, Massachusetts: Black					62	91.9	0.0	79.0
USA, Massachusetts: White					2428	91.8	1.9	72.7
USA, Michigan					3801	89.4	1.7	69.9
USA, Michigan: Asian and Pacific Islander					34	97.1	0.0	64.7
USA, Michigan: Black					383	83.6	0.5	62.1
USA, Michigan: White					3340	89.9	1.9	71.6
USA, Michigan, Detroit					1525	92.0	1.9	65.9
*USA, Michigan, Detroit: Black					282	86.2	1.8	
*USA, Michigan, Detroit: White					1211	93.4	1.9	
USA, Mississippi					866	88.0	6.6	74.5
USA, Missouri					2003	89.9	2.2	73.0
USA, Missouri: Black					138	88.4	2.9	69.6
USA, Missouri: White					1834	90.0	2.1	73.8
USA, Montana					388	88.7	3.6	69.3
USA, Montana: American Indian					13	92.3	7.7	23.1
USA, Nebraska					582	91.9	2.1	78.0
USA, Nebraska: Black					11	90.9	9.1	90.9
USA, Nebraska: White					565	92.0	1.9	77.3
USA, New Hampshire					528	89.0	2.7	62.5
USA, New Jersey					3622	92.8	1.2	66.3
*USA, New Jersey: Black					328	89.6	1.5	
*USA, New Jersey: White					3133	93.0	1.2	
USA, New Mexico					645	87.0	5.1	66.7
*USA, New Mexico: Hispanic White					186	84.9	3.8	
*USA, New Mexico: Non−Hispanic White					398	87.4	6.3	
*USA, New Mexico: White					584	86.6	5.5	
USA, New York State					7781	91.8	1.0	66.4
USA, New York State: Asian and Pacific Islander					243	96.3	0.4	51.9
USA, New York State: Black					836	91.6	0.7	67.8
USA, New York State: White					6563	91.7	1.0	68.1
USA, North Carolina					3016	91.4	3.1	70.0
USA, North Carolina: American Indian					13	92.3	7.7	107.7
USA, North Carolina: Asian and Pacific Islander					19	89.5	5.3	31.6
USA, North Carolina: Black					428	88.1	3.0	75.9
USA, North Carolina: White					2523	92.2	2.9	70.0
USA, North Dakota					250	92.0	1.6	68.0
USA, Ohio					4254	93.9	1.8	72.1
USA, Ohio: Asian and Pacific Islander					21	90.5	4.8	52.4
USA, Ohio: Black					309	92.2	3.2	75.4
USA, Ohio: White					3863	94.0	1.7	73.1

*Important. See note on population page.

Ovary (C56) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma					1364	89.3	2.6	67.3
USA, Oklahoma: American Indian					109	84.4	3.7	42.2
USA, Oklahoma: Black					48	91.7	2.1	66.7
USA, Oklahoma: White					1192	89.5	2.5	70.4
USA, Oregon					1459	89.8	1.8	74.7
USA, Oregon: Asian and Pacific Islander					20	95.0	0.0	45.0
USA, Oregon: Black					9	88.9	11.1	100.0
USA, Oregon: White					1388	89.6	1.8	76.8
USA, Pennsylvania					5513	90.7	2.2	72.5
USA, Pennsylvania: Asian and Pacific Islander					48	93.8	0.0	52.1
USA, Pennsylvania: Black					344	86.9	2.3	67.7
USA, Pennsylvania: White					5068	90.9	2.3	73.7
USA, Rhode Island					419	92.8	2.4	77.1
USA, Rhode Island: Black					15	100.0	0.0	66.7
USA, Rhode Island: White					387	92.5	2.6	80.6
USA, South Carolina					1489	89.5	3.2	71.1
USA, South Carolina: Black					278	80.2	3.6	81.3
USA, South Carolina: White					1193	91.6	3.2	69.3
USA, South Dakota					267	90.3	1.9	80.9
USA, Tennessee					2039	90.1	5.5	77.5
USA, Tennessee: Black					210	91.0	5.2	94.3
USA, Tennessee: White					1803	90.0	5.5	76.2
USA, Texas					6870	91.2	2.8	62.9
USA, Texas: Asian and Pacific Islander					100	97.0	1.0	69.0
USA, Texas: Black					623	85.7	4.2	66.1
USA, Texas: White					6022	91.8	2.7	63.7
USA, Utah					604	95.0	0.5	69.9
USA, Vermont					225	89.3	2.7	69.8
USA, Virginia					2527	91.6	4.2	74.6
USA, Virginia: Asian and Pacific Islander					76	94.7	2.6	67.1
USA, Virginia: Black					328	87.8	6.1	78.7
USA, Virginia: White					2076	92.1	4.0	75.8
USA, Washington State					2351	90.3	1.4	74.3
USA, Washington, Seattle					1637	91.6	0.9	71.5
USA, West Virginia					786	86.6	3.1	71.8
USA, Wisconsin					2582	91.5	4.6	61.7
USA, Wisconsin: Black					81	95.1	3.7	46.9
USA, Wisconsin: White					2448	91.7	4.7	63.2
USA, Wyoming					191	92.7	1.6	69.6
Asia								
Bahrain: Bahraini					54	90.7	3.7	66.7
China, Beijing City					1963	87.4	0.3	43.9
*China, Cixian County					33	90.9	0.0	15.2
China, Haining County					73	93.2	2.7	46.6
*China, Harbin City, Nangang District					188	73.4	2.1	54.3
China, Hong Kong					1642	92.0	0.9	41.8
China, Jiashan County					45	100.0	0.0	57.8
China, Jiaxing City					63	81.0	0.0	38.1
China, Macao					60	61.7	1.7	63.3
China, Qidong County					112	85.7	0.0	50.9
*China, Shanghai City					1974	81.7	0.2	46.9
*China, Wuhan City					1024	94.6		31.5
*China, Yangcheng County					35	100.0		25.7
*China, Yanting County					43	97.7	0.0	27.9
*China, Zhongshan City					141	90.1		43.3
*India, Bangalore					571	92.5	3.3	
*India; Barshi, Paranda, and Bhum					29	86.2		
*India, Bhopal					184	91.3	0.0	
*India, Chennai					659	73.3	1.8	
*India, Dindigul, Ambilikkai					161	85.1	0.0	
*India, Karunagappally					44	93.2	0.0	
*India, Mizoram					57	77.2	3.5	
*India, Mumbai					1742	79.2	7.3	
*India, New Delhi					2122	77.1	1.1	
*India, Poona					442	88.9	8.8	
*India, Sikkim State					34	76.5	0.0	
*India, Trivandrum					127	77.2	0.0	
*Iran (Islamic Republic of), Golestan Province					118	61.0	1.7	11.0
Israel					1745	89.5	5.9	72.1
*Israel: Jews					1646	89.5	6.0	
*Israel: Non–Jews					99	89.9	5.1	
Japan, Aichi Prefecture					370	88.4	6.8	49.2
Japan, Fukui Prefecture					245	80.0	1.2	54.7
Japan, Hiroshima					395	93.4	6.1	37.7
Japan, Miyagi Prefecture					778	78.0	8.9	56.8
Japan, Nagasaki Prefecture					554	83.9	7.9	50.0
Japan, Niigata Prefecture					880	79.1	12.8	51.0
*Japan, Osaka Prefecture					2271	79.7	11.5	63.3
Japan, Saga Prefecture					243	85.6	6.6	60.9
Republic of Korea					8243	88.2	3.1	41.6
Republic of Korea, Busan					692	85.4	4.6	45.2
Republic of Korea, Daegu					445	90.6	0.7	44.3
Republic of Korea, Daejeon					216	90.3	2.8	38.9
Republic of Korea, Gwangju					190	81.1	1.6	45.3
Republic of Korea, Incheon					434	91.9	1.2	33.6
Republic of Korea, Jejudo					76	85.5	0.0	46.1
Republic of Korea, Seoul					1888	91.2	2.2	39.2
Republic of Korea, Ulsan					146	93.8	1.4	34.9

*Important. See note on population page.

Indices of data quality

Ovary (C56) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait					152	83.6	0.0	40.8
*Kuwait: Kuwaitis					71	80.3	0.0	
*Kuwait: Non−Kuwaitis					81	86.4	0.0	
*Malaysia, Penang					228	93.4		
*Malaysia, Penang: Chinese					124	95.2		
*Malaysia, Penang: Indian					34	100.0		
*Malaysia, Penang: Malay					69	87.0		
*Philippines, Manila					1440	66.8	7.8	
*Philippines, Rizal					1336	75.0	4.4	
Qatar: Qatari					21	95.2	0.0	33.3
*Saudi Arabia, Riyadh: Saudi					181	98.9	0.0	
Singapore					1003	94.1	1.4	47.5
Singapore: Chinese					817	94.5	1.5	46.9
Singapore: Indian					58	94.8	1.7	48.3
Singapore: Malay					116	91.4	0.0	41.4
Thailand, Bangkok					1079	76.6	8.7	45.7
Thailand, Chiang Mai					252	89.7	2.4	36.5
Thailand, Chonburi					208	78.4	2.9	49.0
*Thailand, Khon Kaen					265	84.5	0.4	
Thailand, Lampang					162	83.3	0.0	18.5
*Thailand, Songkhla					178	87.1	0.6	
*Turkey, Antalya					296	93.6	1.4	43.6
*Turkey, Edirne					70	90.0	1.4	
*Turkey, Izmir					630	93.3	1.3	
*Turkey, Trabzon					69	84.1	0.0	
Europe								
Austria					3791	89.3	7.5	72.4
Austria, Tyrol					301	93.7	1.3	75.4
Austria, Vorarlberg					134	91.8	3.7	68.7
*Belarus					4144	98.7		58.5
*Belgium					3700	97.9		73.2
Bulgaria					4172	86.0	4.5	49.8
Croatia					2358	79.9	3.4	60.6
Cyprus					179	92.7	6.1	68.4
Czech Republic					5722	89.2	1.0	66.6
Denmark					2746	97.1	0.3	76.2
*Estonia					760	91.8		71.7
Finland					2387	93.8	0.9	69.5
*France, Bas−Rhin					389	96.9		77.6
*France, Calvados					272	95.2		68.0
*France, Doubs					224	97.3		65.2
*France, Haut−Rhin					262	98.9		84.4
*France, Hérault					355	93.5		76.9
*France, Isère					423	97.2		58.2
*France, Loire−Atlantique					406	95.3		70.9
*France, Manche					240	97.9		85.4
*France, Somme					238	92.4		76.1
*France, Tarn					147	95.9		69.4
*France, Vendée					218	98.2		84.9
Germany, Brandenburg					1252	84.0	14.2	69.4
Germany, Bremen					378	93.1	2.9	56.3
Germany, Free State of Saxony					2217	84.1	12.1	73.7
Germany, Hamburg					970	87.2	6.7	64.4
Germany, Mecklenburg−Western Pomerania					770	82.9	15.5	71.7
Germany, Munich					2041	82.7	12.9	65.4
Germany, North Rhine−Westphalia					1392	87.5	5.2	67.0
Germany, Saarland					567	89.4	7.6	68.1
Germany, Schleswig−Holstein					1647	79.4	16.8	64.7
Iceland					76	98.7	1.3	96.1
Ireland					1710	88.0	2.1	74.9
Italy, Biella					94	92.6	0.0	74.5
Italy, Brescia					395	87.6	1.3	61.5
Italy, Catania and Messina					348	87.4	1.1	61.2
Italy, Catanzaro					79	84.8	1.3	65.8
Italy, Como					219	94.5	0.5	65.8
Italy, Ferrara					192	84.4	1.0	73.4
Italy, Florence and Prato					311	86.8	1.3	63.3
Italy, Friuli−Venezia Giulia					534	92.7	0.0	80.5
Italy, Genoa					411	84.9	1.9	70.3
Italy, Latina					179	81.0	1.7	64.8
Italy, Lecco					163	81.0	0.6	76.7
Italy, Lombardy, South					230	71.3	0.0	58.3
Italy, Mantua					115	73.0	2.6	79.1
Italy, Milan					541	89.8	1.5	72.3
Italy, Modena					318	90.6	0.6	70.1
Italy, Naples					131	87.8	1.5	42.0
Italy, Nuoro					90	81.1	0.0	84.4
Italy, Palermo					360	75.0	2.8	54.2
Italy, Parma					217	89.9	0.5	72.4
Italy, Ragusa					128	82.0	0.8	55.7
Italy, Reggio Emilia					215	84.2	0.5	75.3
Italy, Romagna					551	83.1	0.5	71.7
Italy, Salerno					438	80.6	2.5	53.7
Italy, Sassari					149	79.9	4.0	61.1
Italy, Sondrio					69	89.9	0.0	69.6
Italy, South Tyrol					160	90.0	1.2	61.9

*Important. See note on population page.

Indices of data quality

Ovary (C56) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse					123	84.6	0.8	56.9
Italy, Trapani					131	85.5	0.0	57.3
Italy, Trento					150	90.0	0.0	88.0
Italy, Turin					500	86.4	2.0	72.8
Italy, Umbria					419	90.2	0.5	68.7
Italy, Varese					366	84.7	0.5	76.0
Italy, Veneto					788	89.5	1.3	66.1
Latvia					1187	87.4	6.2	61.0
Lithuania					2026	86.3	3.8	65.6
Malta					180	96.1	2.2	67.2
*Netherlands					5636	97.6		84.8
*Netherlands, Eindhoven					342	97.7		94.2
Norway					2211	93.8	1.0	73.5
Poland, Cracow					335	87.5	2.4	71.0
Poland, Kielce					524	88.5	1.5	60.1
Poland, Lower Silesia					1502	81.8	0.4	60.9
Poland, Podkarpackie					900	76.2	3.8	59.9
Portugal, Azores					71	84.5	4.2	68.1
Russian Federation, Saint Petersburg					2572	74.7	0.2	76.6
*Serbia, Central					2280	84.1	4.7	59.3
Slovakia					2397	86.5	7.3	54.6
Slovenia					900	95.1	0.8	69.7
Spain, Albacete					131	90.8	2.3	69.5
Spain, Asturias					443	88.9	3.2	67.7
Spain, Basque Country					776	88.8	2.4	53.2
Spain, Canary Islands					323	89.2	1.5	62.8
Spain, Ciudad Real					148	81.1	2.7	58.8
Spain, Cuenca					83	89.2	4.8	56.6
Spain, Girona					198	87.9	4.0	57.1
*Spain, Granada					310	90.0		57.4
Spain, La Rioja					103	87.4	2.9	69.9
Spain, Mallorca					251	93.6	2.0	61.1
Spain, Murcia					417	87.1	3.4	51.1
Spain, Navarra					204	90.7	0.0	74.5
Spain, Tarragona					226	81.9	4.9	59.7
*Sweden					3743	99.8		83.5
Switzerland, Basel					166	94.0	5.4	83.7
Switzerland, Geneva					192	94.3	0.0	64.6
Switzerland, Graubünden and Glarus					108	84.3	0.0	71.3
Switzerland, Neuchâtel					76	84.2	5.3	78.9
Switzerland, St Gall–Appenzell					215	94.0	0.0	74.4
Switzerland, Ticino					152	94.1	2.0	69.1
Switzerland, Valais					136	94.9	0.7	62.5
Switzerland, Vaud					265	95.8	1.9	72.1
Switzerland, Zurich					452	95.8	0.2	68.6
Ukraine					20881	81.8	0.2	59.2
UK, England					28125	84.8	2.8	63.9
UK, England, East of England Region					3130	85.6	2.7	66.4
UK, England, North Western					3755	78.4	1.0	63.0
UK, England, Northern and Yorkshire					3617	87.4	0.9	63.2
UK, England, Oxford Region					1512	88.8	1.5	60.1
UK, England, South and Western Regions					4656	86.1	2.3	62.4
UK, England, Thames					5256	83.0	4.3	68.0
UK, England, Trent					1786	85.6	2.3	60.8
UK, England, West Midlands					3193	86.9	6.0	63.5
UK, Northern Ireland					924	86.8	1.1	67.6
UK, Scotland					2878	86.8	0.8	69.6
UK, Wales					1739	76.6	3.6	68.2
Oceania								
Australian Capital Territory					92	95.7	1.1	67.4
Australia, New South Wales					2105	89.5	1.8	66.0
Australia, Northern Territory					28	100.0	0.0	28.6
Australia, Northern Territory: Indigenous					6	100.0	0.0	16.7
Australia, Northern Territory: Non–Indigenous					22	100.0	0.0	31.8
Australia, Queensland					1105	88.0	1.4	60.6
South Australia					460	87.6	0.0	70.0
Australia, Tasmania					141	95.0	0.0	83.7
Australia, Victoria					1689	88.2	3.5	66.9
Western Australia					620	91.6	0.0	65.5
New Zealand					1362	88.0	3.2	72.0
New Zealand: Maori					120	84.2	8.3	60.0
New Zealand: Pacific Islander					60	91.7	0.0	58.3
New Zealand: Other					1182	88.2	2.8	71.7
USA, Hawaii					390	94.1	1.0	67.2
*USA, Hawaii: Chinese					29	96.6	0.0	
*USA, Hawaii: Filipino					56	94.6	0.0	
*USA, Hawaii: Hawaiian					64	96.9	0.0	
*USA, Hawaii: Japanese					103	89.3	1.9	
*USA, Hawaii: White					112	94.6	1.8	

*Important. See note on population page.

Indices of data quality

Prostate (C61)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	139	98.6						
Egypt, Gharbiah	425	70.6	9.4	32.0				
*Libya, Benghazi	162	79.6	5.6	29.0				
*Malawi, Blantyre	122	39.3						
*South Africa, PROMEC	105	49.5						
*Tunisia, North	808	94.4						
*Uganda, Kyadondo County	357	40.6	0.0					
*Zimbabwe, Harare: African	420	59.5	16.2					
America, Central and South								
Argentina, Bahía Blanca	450	90.2	9.6	38.4				
Argentina, Córdoba	1241	84.3	15.3	36.5				
Argentina, Mendoza	2013	85.2	13.1	42.2				
*Argentina, Tierra del Fuego	35	94.3	2.9	62.9				
Brazil, Aracaju	759	94.7	4.6	17.9				
Brazil, Belo Horizonte	3289	94.2	5.3	14.7				
Brazil, Cuiabá	831	91.7	5.7	21.4				
Brazil, Fortaleza	1553	90.9	7.9	28.8				
Brazil, Goiânia	2835	97.2	1.8	11.1				
*Brazil, São Paulo	18592	88.4	5.2	19.2				
Chile, Region of Antofagasta	406	79.1	14.8	51.5				
Chile, Bío Bío Province	550	79.6	4.0	38.2				
Chile, Valdivia	685	94.9	3.2	29.6				
Colombia, Bucaramanga	1030	87.4	4.9	28.4				
Colombia, Cali	2734	86.8	4.4	26.3				
Colombia, Manizales	292	92.5	6.5	37.7				
Colombia, Pasto	203	86.2	7.9	39.9				
Costa Rica	4567	80.1	8.7	32.8				
Cuba, Villa Clara	741	76.5	11.1	83.4				
Ecuador, Cuenca	333	84.1	2.7	38.1				
Ecuador, Quito	1550	89.2	7.9	29.0				
*France, Martinique	2595	97.7		20.9				
*Jamaica, Kingston and St Andrew	1063	87.3						
USA, Puerto Rico	14610	94.6	3.9	17.3				
Uruguay	4287	81.6	12.9	40.4				
America, North								
Canada	107358	91.6	0.8	17.1				
Canada, Alberta	10281	92.5	0.2	16.8				
Canada, British Columbia	14333	95.8	0.9	17.3				
Canada, Manitoba	3477	92.0	1.3	25.9				
Canada, New Brunswick	3222	97.8	0.1	15.5				
Canada, Newfoundland and Labrador	1666	99.0	0.3	20.2				
*Canada, Northwest Territories	70	91.4	0.0	14.3				
Canada, Nova Scotia	3969	97.3	0.4	15.4				
Canada, Ontario	44308	95.2	0.5	15.3				
Canada, Prince Edward Island	687	96.1	0.0	14.4				
*Canada, Quebec	21023	77.4	1.9	17.4				
Canada, Saskatchewan	4263	92.7	1.1	24.1				
*Canada, Yukon	59	96.6	0.0	23.7				
USA, NPCR (42 states)	932757	96.9	1.2	13.8				
USA, NPCR (42 states): American Indian	3269	95.2	1.8	13.8				
USA, NPCR (42 states): Asian and Pacific Islander	12415	97.2	0.6	11.4				
USA, NPCR (42 states): Black	126096	96.1	1.5	17.3				
USA, NPCR (42 states): White	758823	96.9	1.2	13.9				
USA, SEER (9 registries)	101855	97.5	0.6	12.8				
*USA, SEER (9 registries): Black	12884	97.5	0.6					
*USA, SEER (9 registries): White	80703	97.5	0.7					
USA, SEER (18 registries)	277465	97.2	0.8	12.5				
*USA, SEER (18 registries): Asian and Pacific Islander	12326	97.4	0.6					
*USA, SEER (18 registries): Black	36233	96.7	0.9					
*USA, SEER (18 registries): Hispanic White	21346	97.3	0.6					
*USA, SEER (18 registries): Non−Hispanic White	197676	97.3	0.8					
*USA, SEER (18 registries): White	219022	97.3	0.8					
USA, Alabama	17218	96.3	1.2	15.6				
USA, Alabama: Black	4673	94.9	1.5	22.7				
USA, Alabama: White	12032	96.7	1.1	13.5				
USA, Alaska	1717	96.6	0.2	8.3				
*USA, Alaska: American Indian	108	92.6	0.9	16.7				
USA, Arizona	18225	95.3	1.7	15.2				
USA, Arizona: American Indian	255	89.8	0.8	22.0				
USA, Arizona: Asian and Pacific Islander	120	92.5	3.3	10.8				
USA, Arizona: Black	539	94.8	1.9	13.9				
USA, Arizona: White	16091	95.1	1.9	16.3				
USA, Arkansas	11266	97.8	0.5	14.7				
USA, Arkansas: Black	1442	96.7	0.6	24.7				
USA, Arkansas: White	9591	97.9	0.5	13.5				
USA, California	108603	97.0	0.8	13.8				
USA, California: American Indian	313	95.5	1.3	15.7				
USA, California: Asian and Pacific Islander	7119	97.3	0.5	11.4				
USA, California: Black	9245	96.5	1.0	17.7				
USA, California: White	85989	96.9	0.9	14.6				
USA, California, Los Angeles County	26668	97.6	0.8	14.0				
*USA, California, Los Angeles County: Asian and Pacific Islander	2520	97.8	0.7					
*USA, California, Los Angeles County: Black	3799	96.6	1.1					
*USA, California, Los Angeles County: Chinese	709	97.7	1.1					
*USA, California, Los Angeles County: Filipino	770	97.4	0.4					
*USA, California, Los Angeles County: Hispanic White	5526	97.9	0.6					

*Important. See note on population page.

Prostate (C61) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	418	97.6	0.7					
*USA, California, Los Angeles County: Korean	216	99.5	0.0					
*USA, California, Los Angeles County: Non−Hispanic White	12841	97.5	0.9					
*USA, California, Los Angeles County: White	18367	97.6	0.8					
USA, California, San Francisco Bay Area	15062	97.2	0.7	12.2				
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	1864	97.4	0.6					
*USA, California, San Francisco Bay Area: Black	1800	94.9	1.2					
*USA, California, San Francisco Bay Area: Hispanic White	1194	97.2	0.5					
*USA, California, San Francisco Bay Area: Non−Hispanic White	9552	97.4	0.7					
*USA, California, San Francisco Bay Area: White	10746	97.4	0.7					
USA, Colorado	15444	97.0	1.3	11.7				
USA, Colorado: Asian and Pacific Islander	95	93.7	2.1	16.8				
USA, Colorado: Black	692	97.1	1.0	12.3				
USA, Colorado: White	13723	96.9	1.4	12.4				
USA, Connecticut	13884	97.9	0.8	14.0				
*USA, Connecticut: Black	1247	97.9	0.6					
*USA, Connecticut: White	12351	97.9	0.8					
USA, Delaware	3810	97.8	1.5	12.0				
USA, Delaware: Black	816	97.5	2.0	12.1				
USA, Delaware: White	2905	97.8	1.5	12.2				
USA, Florida	71625	97.4	1.4	15.1				
USA, Florida: Asian and Pacific Islander	244	98.4	0.0	5.3				
USA, Florida: Black	9286	96.5	1.8	18.0				
USA, Florida: White	60598	97.6	1.4	15.0				
USA, Georgia	28926	97.2	1.4	12.8				
USA, Georgia: Asian and Pacific Islander	147	95.2	2.7	14.3				
USA, Georgia: Black	9233	96.4	1.6	16.0				
USA, Georgia: White	19220	97.5	1.3	11.4				
USA, Georgia, Atlanta	9577	98.5	0.5	10.4				
*USA, Georgia, Atlanta: Black	3899	98.4	0.4					
*USA, Georgia, Atlanta: White	5444	98.5	0.6					
USA, Idaho	5378	96.7	1.5	14.3				
USA, Illinois	43663	97.0	1.7	14.2				
USA, Illinois: Asian and Pacific Islander	398	98.2	0.5	11.8				
USA, Illinois: Black	7334	95.9	2.7	18.8				
USA, Illinois: White	34298	97.1	1.6	14.0				
USA, Indiana	19462	96.6	1.6	15.6				
USA, Indiana: Black	1716	95.5	2.1	20.9				
USA, Indiana: White	17009	96.6	1.6	15.8				
USA, Iowa	10839	96.7	0.6	17.1				
USA, Kentucky	13961	96.3	0.7	14.4				
USA, Louisiana	13591	97.4	0.4	13.4				
*USA, Louisiana: Black	4257	96.0	0.7					
*USA, Louisiana: White	9171	98.0	0.3					
*USA, Louisiana, New Orleans	2219	97.4	0.9					
*USA, Louisiana, New Orleans: Black	892	95.9	1.2					
*USA, Louisiana, New Orleans: White	1266	98.5	0.6					
USA, Maine	5975	96.0	1.3	12.7				
USA, Massachusetts	25363	97.2	1.1	13.1				
USA, Massachusetts: Asian and Pacific Islander	229	98.7	0.9	10.0				
USA, Massachusetts: Black	1543	97.1	1.3	12.5				
USA, Massachusetts: White	22697	97.1	1.1	13.6				
USA, Michigan	41433	97.7	0.6	11.4				
USA, Michigan: Asian and Pacific Islander	146	97.9	0.7	14.4				
USA, Michigan: Black	6113	97.2	0.5	14.0				
USA, Michigan: White	32380	97.7	0.7	11.9				
USA, Michigan, Detroit	17477	98.4	0.5	10.9				
*USA, Michigan, Detroit: Black	4794	97.8	0.4					
*USA, Michigan, Detroit: White	11760	98.6	0.6					
USA, Mississippi	11005	97.3	1.4	15.4				
USA, Missouri	19013	95.6	1.8	14.9				
USA, Missouri: Black	2066	94.7	2.4	19.8				
USA, Missouri: White	16571	95.7	1.7	14.6				
USA, Montana	4340	96.3	1.4	14.1				
USA, Montana: American Indian	116	94.0	1.7	16.4				
USA, Nebraska	6633	97.3	1.2	14.2				
USA, Nebraska: Black	207	97.1	1.0	12.6				
USA, Nebraska: White	6202	97.3	1.3	14.7				
USA, New Hampshire	4979	97.7	0.6	13.2				
USA, New Jersey	35070	98.1	0.4	12.0				
*USA, New Jersey: Black	5224	97.6	0.6					
*USA, New Jersey: White	27545	98.1	0.4					
USA, New Mexico	6596	95.1	1.3	15.1				
*USA, New Mexico: Hispanic White	1820	95.2	1.0					
*USA, New Mexico: Non−Hispanic White	4435	95.4	1.4					
*USA, New Mexico: White	6255	95.3	1.3					
USA, New York State	75061	97.0	0.4	12.3				
USA, New York State: Asian and Pacific Islander	1119	98.3	0.3	11.0				
USA, New York State: Black	14283	97.3	0.4	13.2				
USA, New York State: White	57579	96.8	0.5	12.5				
USA, North Carolina	31637	97.0	1.6	13.7				
USA, North Carolina: American Indian	309	97.1	1.3	12.6				
USA, North Carolina: Asian and Pacific Islander	81	97.5	1.2	9.9				
USA, North Carolina: Black	7934	95.9	2.3	17.8				
USA, North Carolina: White	22981	97.4	1.4	12.5				
USA, North Dakota	2733	98.2	0.1	15.7				
USA, Ohio	40283	97.6	1.0	15.3				
USA, Ohio: Asian and Pacific Islander	84	98.8	0.0	11.9				
USA, Ohio: Black	5106	96.9	1.2	19.4				
USA, Ohio: White	33187	97.6	1.1	15.6				

*Important. See note on population page.

Indices of data quality

Prostate (C61) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	12908	96.6	2.2	13.4				
USA, Oklahoma: American Indian	762	95.1	2.9	11.4				
USA, Oklahoma: Black	947	95.8	2.6	17.4				
USA, Oklahoma: White	10894	96.7	2.1	13.6				
USA, Oregon	13362	96.0	2.0	15.6				
USA, Oregon: Asian and Pacific Islander	115	97.4	0.9	10.4				
USA, Oregon: Black	200	97.5	1.5	15.5				
USA, Oregon: White	12444	95.9	2.0	16.3				
USA, Pennsylvania	51484	97.1	1.3	14.5				
USA, Pennsylvania: Asian and Pacific Islander	212	95.8	0.9	10.4				
USA, Pennsylvania: Black	5414	95.9	1.8	18.5				
USA, Pennsylvania: White	43929	97.2	1.3	14.7				
USA, Rhode Island	3947	97.1	1.2	14.5				
USA, Rhode Island: Black	167	95.8	0.6	15.0				
USA, Rhode Island: White	3557	97.0	1.2	15.3				
USA, South Carolina	17229	95.9	1.9	13.5				
USA, South Carolina: Black	5328	94.8	2.2	18.2				
USA, South Carolina: White	11560	96.3	1.7	11.7				
USA, South Dakota	3293	96.5	1.7	15.2				
USA, Tennessee	19226	96.6	2.3	16.1				
USA, Tennessee: Black	2956	94.5	4.1	23.4				
USA, Tennessee: White	16036	97.0	2.0	14.9				
USA, Texas	63373	94.4	1.3	13.0				
USA, Texas: Asian and Pacific Islander	437	95.9	0.7	11.7				
USA, Texas: Black	8299	93.1	1.9	16.7				
USA, Texas: White	51844	94.5	1.3	13.1				
USA, Utah	7784	98.6	0.1	12.1				
USA, Vermont	2515	97.5	0.7	13.0				
USA, Virginia	26968	97.6	1.4	13.1				
USA, Virginia: Asian and Pacific Islander	305	98.0	1.0	10.5				
USA, Virginia: Black	6139	96.5	2.0	17.5				
USA, Virginia: White	19692	97.9	1.2	12.3				
USA, Washington State	23150	96.9	0.8	13.3				
USA, Washington, Seattle	16402	97.0	0.5	12.3				
USA, West Virginia	7003	97.0	1.0	13.5				
USA, Wisconsin	20800	97.2	1.3	15.2				
USA, Wisconsin: Black	1016	98.7	0.7	12.1				
USA, Wisconsin: White	19174	97.2	1.4	15.8				
USA, Wyoming	2171	98.2	0.1	10.5				
Asia								
Bahrain: Bahraini	89	82.0	7.9	52.8				
China, Beijing City	2366	82.2	0.0	36.0				
*China, Cixian County	17	76.5	0.0	76.5				
China, Haining County	68	75.0	7.4	45.6				
*China, Harbin City, Nangang District	103	68.9	1.9	43.7				
China, Hong Kong	5038	93.3	0.3	25.0				
China, Jiashan County	44	77.3	2.3	59.1				
China, Jiaxing City	70	52.9	2.9	32.9				
China, Macao	361	97.0	0.8	12.2				
China, Qidong County	159	80.5	0.0	42.8				
*China, Shanghai City	3367	74.7	0.1	37.1				
*China, Wuhan City	787	99.0		34.8				
*China, Yangcheng County	6	83.3		150.0				
*China, Yanting County	13	76.9	0.0	30.8				
*China, Zhongshan City	164	70.7		57.9				
*India, Bangalore	556	89.6	5.0					
*India; Barshi, Paranda, and Bhum	26	76.9						
*India, Bhopal	109	84.4	0.0					
*India, Chennai	489	78.5	3.7					
*India, Dindigul, Ambilikkai	32	90.6	0.0					
*India, Karunagappally	44	75.0	0.0					
*India, Mizoram	40	22.5	0.0					
*India, Mumbai	1480	77.6	12.8					
*India, New Delhi	2068	77.1	0.5					
*India, Poona	446	87.0	9.4					
*India, Sikkim State	11	63.6	0.0					
*India, Trivandrum	129	84.5	0.8					
*Iran (Islamic Republic of), Golestan Province	172	71.5	11.6	29.1				
Israel	12304	89.9	3.1	16.7				
*Israel: Jews	11779	89.9	3.0					
*Israel: Non–Jews	525	89.5	4.0					
Japan, Aichi Prefecture	2267	94.5	3.5	13.5				
Japan, Fukui Prefecture	1494	99.1	0.0	21.5				
Japan, Hiroshima	2769	95.8	3.3	11.7				
Japan, Miyagi Prefecture	5969	87.0	4.3	16.4				
Japan, Nagasaki Prefecture	3916	95.3	2.2	16.4				
Japan, Niigata Prefecture	3266	81.2	11.3	32.0				
*Japan, Osaka Prefecture	8193	83.0	11.8	29.8				
Japan, Saga Prefecture	1328	78.7	6.8	29.8				
Republic of Korea	19678	93.2	1.4	23.0				
Republic of Korea, Busan	1294	89.6	2.2	26.9				
Republic of Korea, Daegu	795	95.3	1.9	25.5				
Republic of Korea, Daejeon	503	90.1	1.0	21.1				
Republic of Korea, Gwangju	570	91.9	0.4	19.6				
Republic of Korea, Incheon	688	92.7	0.6	25.0				
Republic of Korea, Jejudo	196	91.8	0.0	25.5				
Republic of Korea, Seoul	4974	95.5	1.1	17.2				
Republic of Korea, Ulsan	247	96.0	0.8	26.3				

*Important. See note on population page.

Prostate (C61) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	275	94.5	1.1	35.3				
*Kuwait: Kuwaitis	145	93.1	2.1					
*Kuwait: Non−Kuwaitis	130	96.2	0.0					
*Malaysia, Penang	290	98.6						
*Malaysia, Penang: Chinese	222	98.6						
*Malaysia, Penang: Indian	18	100.0						
*Malaysia, Penang: Malay	48	97.9						
*Philippines, Manila	1833	65.5	10.0					
*Philippines, Rizal	1875	77.3	10.0					
Qatar: Qatari	27	77.8	11.1	37.0				
*Saudi Arabia, Riyadh: Saudi	322	95.3	0.3					
Singapore	2190	96.3	0.2	20.0				
Singapore: Chinese	1856	96.8	0.3	18.9				
Singapore: Indian	117	94.9	0.0	23.1				
Singapore: Malay	171	93.0	0.0	31.0				
Thailand, Bangkok	1501	88.8	5.3	27.0				
Thailand, Chiang Mai	270	86.7	1.5	50.4				
Thailand, Chonburi	189	70.9	5.3	48.7				
*Thailand, Khon Kaen	119	83.2	0.0					
Thailand, Lampang	160	81.9	1.9	23.1				
*Thailand, Songkhla	181	80.1	2.8					
*Turkey, Antalya	1193	92.7	1.3	24.4				
*Turkey, Edirne	175	84.0	7.4					
*Turkey, Izmir	3256	91.6	4.4					
*Turkey, Trabzon	311	82.6	1.3					
Europe								
Austria	27867	95.5	2.9	19.9				
Austria, Tyrol	2423	98.5	0.5	13.7				
Austria, Vorarlberg	1834	98.3	0.9	12.9				
*Belarus	8749	98.3		42.2				
*Belgium	37709	99.5		15.4				
Bulgaria	7699	84.0	6.9	50.4				
Croatia	7585	81.3	6.6	40.5				
Cyprus	1662	89.4	8.4	25.8				
Czech Republic	23266	94.9	0.5	30.1				
Denmark	17315	97.6	0.3	32.3				
*Estonia	3454	95.6		29.4				
Finland	23663	99.2	0.2	16.5				
*France, Bas−Rhin	5317	99.2		12.6				
*France, Calvados	2911	97.0		17.2				
*France, Doubs	2754	99.3		11.1				
*France, Haut−Rhin	3688	99.6		11.7				
*France, Hérault	5386	98.9		13.6				
*France, Isère	5680	98.2		12.7				
*France, Loire−Atlantique	6211	98.9		14.1				
*France, Manche	2814	98.4		15.5				
*France, Somme	2656	97.7		18.6				
*France, Tarn	2349	96.3		15.2				
*France, Vendée	3191	99.8		18.8				
Germany, Brandenburg	10341	94.3	4.7	18.5				
Germany, Bremen	2374	91.2	7.2	19.2				
Germany, Free State of Saxony	15665	92.1	6.9	18.2				
Germany, Hamburg	5942	92.7	4.5	21.0				
Germany, Mecklenburg−Western Pomerania	6438	94.2	5.2	15.6				
Germany, Munich	14965	91.1	6.5	17.2				
Germany, North Rhine−Westphalia	9711	93.4	3.0	19.5				
Germany, Saarland	4183	96.7	2.3	20.0				
Germany, Schleswig−Holstein	12512	89.4	8.7	16.0				
Iceland	1070	97.3	0.3	22.1				
Ireland	12490	92.4	1.1	20.8				
Italy, Biella	760	94.7	1.3	19.7				
Italy, Brescia	3006	91.7	0.7	13.8				
Italy, Catania and Messina	2110	92.7	1.4	35.6				
Italy, Catanzaro	537	89.2	0.7	24.4				
Italy, Como	1935	94.0	0.1	20.2				
Italy, Ferrara	1539	91.7	0.8	20.1				
Italy, Florence and Prato	2282	89.4	0.7	22.9				
Italy, Friuli−Venezia Giulia	5785	95.6	0.1	16.6				
Italy, Genoa	3057	90.1	1.3	21.6				
Italy, Latina	1121	85.9	1.4	29.0				
Italy, Lecco	1114	87.3	0.0	21.3				
Italy, Lombardy, South	1449	74.2	1.1	25.1				
Italy, Mantua	744	93.8	0.5	21.4				
Italy, Milan	4069	96.2	0.9	17.1				
Italy, Modena	2982	96.4	0.1	15.9				
Italy, Naples	693	90.6	0.6	30.9				
Italy, Nuoro	501	82.6	2.2	36.1				
Italy, Palermo	1934	81.5	2.9	32.7				
Italy, Parma	1436	93.2	0.5	23.6				
Italy, Ragusa	707	86.0	1.8	29.9				
Italy, Reggio Emilia	1721	93.1	0.2	19.6				
Italy, Romagna	4867	88.7	1.2	19.3				
Italy, Salerno	2173	87.6	2.2	30.1				
Italy, Sassari	1212	88.2	3.7	24.1				
Italy, Sondrio	689	94.2	0.0	14.9				
Italy, South Tyrol	1486	96.4	1.4	17.6				

*Important. See note on population page.

Indices of data quality

Prostate (C61) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	767	88.8	1.6	35.2				
Italy, Trapani	628	89.6	0.6	34.9				
Italy, Trento	1060	97.8	0.0	27.8				
Italy, Turin	3661	96.0	1.2	17.9				
Italy, Umbria	3251	97.9	0.1	22.8				
Italy, Varese	3580	93.0	0.4	18.1				
Italy, Veneto	6684	95.0	0.6	15.8				
Latvia	3433	85.3	6.0	41.5				
Lithuania	12773	94.5	1.7	19.7				
Malta	700	94.9	4.3	24.3				
*Netherlands	45916	97.8		25.8				
*Netherlands, Eindhoven	2998	98.6		21.7				
Norway	19266	95.4	0.9	27.6				
Poland, Cracow	802	85.7	4.7	43.3				
Poland, Kielce	1644	82.4	2.9	47.2				
Poland, Lower Silesia	2548	80.0	0.7	50.3				
Poland, Podkarpackie	2282	78.7	4.9	44.1				
Portugal, Azores	572	92.7	3.7	34.4				
Russian Federation, Saint Petersburg	3498	79.0	0.1	54.4				
*Serbia, Central	5792	85.0	4.8	53.8				
Slovakia	6660	90.6	7.0	37.4				
Slovenia	4394	91.3	1.0	35.9				
Spain, Albacete	1211	86.2	1.8	25.4				
Spain, Asturias	3644	93.7	2.3	27.3				
Spain, Basque Country	7608	89.7	2.5	18.7				
Spain, Canary Islands	3069	93.2	2.4	20.0				
Spain, Ciudad Real	1077	89.5	0.6	24.5				
Spain, Cuenca	842	78.4	3.2	23.8				
Spain, Girona	2156	89.3	2.7	20.9				
*Spain, Granada	1619	92.0		31.4				
Spain, La Rioja	1090	83.5	1.5	24.3				
Spain, Mallorca	2038	92.6	1.8	24.5				
Spain, Murcia	3169	90.4	1.7	21.6				
Spain, Navarra	1743	90.2	1.4	22.3				
Spain, Tarragona	2146	92.1	2.8	22.2				
*Sweden	47392	99.3		26.5				
Switzerland, Basel	2045	98.1	1.6	18.0				
Switzerland, Geneva	1503	94.1	0.7	20.4				
Switzerland, Graubünden and Glarus	902	93.9	0.4	23.5				
Switzerland, Neuchâtel	640	90.8	0.5	25.2				
Switzerland, St Gall−Appenzell	1962	96.0	0.3	21.6				
Switzerland, Ticino	1079	93.4	1.6	27.2				
Switzerland, Valais	1083	90.8	1.7	21.7				
Switzerland, Vaud	2722	96.6	1.2	21.1				
Switzerland, Zurich	4925	93.5	1.3	21.8				
Ukraine	30370	75.8	0.2	50.4				
UK, England	150941	88.3	1.8	28.3				
UK, England, East of England Region	17577	87.7	1.3	29.0				
UK, England, North Western	19944	89.2	0.6	25.4				
UK, England, Northern and Yorkshire	19849	91.6	0.6	28.6				
UK, England, Oxford Region	8552	91.9	1.0	25.2				
UK, England, South and Western Regions	24957	86.4	1.7	28.4				
UK, England, Thames	29198	86.2	2.6	29.6				
UK, England, Trent	8684	85.9	1.8	30.0				
UK, England, West Midlands	17126	90.6	3.6	27.3				
UK, Northern Ireland	4205	86.6	0.5	26.8				
UK, Scotland	13320	84.8	0.2	29.5				
UK, Wales	11213	86.0	1.9	25.3				
Oceania								
Australian Capital Territory	1088	96.2	1.0	13.9				
Australia, New South Wales	29130	94.9	0.9	16.4				
Australia, Northern Territory	317	97.5	0.3	15.1				
Australia, Northern Territory: Indigenous	21	95.2	0.0	9.5				
Australia, Northern Territory: Non−Indigenous	284	97.5	0.4	15.5				
Australia, Queensland	15789	92.3	0.7	17.6				
South Australia	7062	96.6	0.0	17.5				
Australia, Tasmania	2460	97.3	0.0	17.1				
Australia, Victoria	20368	94.1	2.2	18.9				
Western Australia	7760	95.6	0.2	14.6				
New Zealand	13543	91.7	2.3	20.9				
New Zealand: Maori	682	89.3	2.9	24.5				
New Zealand: Pacific Islander	324	86.7	2.5	18.2				
New Zealand: Other	12537	92.0	2.2	20.8				
USA, Hawaii	4234	97.1	0.8	12.7				
*USA, Hawaii: Chinese	311	97.4	0.6					
*USA, Hawaii: Filipino	580	97.6	0.5					
*USA, Hawaii: Hawaiian	389	98.5	1.0					
*USA, Hawaii: Japanese	1322	97.2	1.0					
*USA, Hawaii: White	1330	96.5	1.0					

*Important. See note on population page.

Indices of data quality

Testis (C62)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	7	100.0						
Egypt, Gharbiah	41	100.0	0.0	12.2				
*Libya, Benghazi	10	100.0	0.0	10.0				
*Malawi, Blantyre	11	45.5						
*South Africa, PROMEC	2	100.0						
*Tunisia, North	62	100.0						
*Uganda, Kyadondo County	12	50.0	0.0					
*Zimbabwe, Harare: African	6	83.3	0.0					
America, Central and South								
Argentina, Bahía Blanca	33	97.0	0.0	6.1				
Argentina, Córdoba	179	98.9	0.6	10.1				
Argentina, Mendoza	282	98.2	0.4	14.5				
*Argentina, Tierra del Fuego	17	100.0	0.0	11.8				
Brazil, Aracaju	5	100.0	0.0	20.0				
Brazil, Belo Horizonte	63	95.2	3.2	12.7				
Brazil, Cuiabá	21	81.0	9.5	23.8				
Brazil, Fortaleza	41	92.7	4.9	26.8				
Brazil, Goiânia	54	92.6	3.7	14.8				
*Brazil, São Paulo	801	73.7	3.9	12.1				
Chile, Region of Antofagasta	82	91.5	7.3	22.0				
Chile, Bío Bío Province	80	98.8	0.0	20.0				
Chile, Valdivia	137	95.6	0.0	5.1				
Colombia, Bucaramanga	47	95.7	2.1	17.0				
Colombia, Cali	146	95.2	0.0	12.3				
Colombia, Manizales	33	100.0	0.0	18.2				
Colombia, Pasto	42	97.6	0.0	14.3				
Costa Rica	409	91.9	0.5	11.5				
Cuba, Villa Clara	12	91.7	0.0	33.3				
Ecuador, Cuenca	25	80.0	0.0	24.0				
Ecuador, Quito	199	97.5	0.0	10.6				
*France, Martinique	12	100.0		16.7				
*Jamaica, Kingston and St Andrew	3	100.0						
USA, Puerto Rico	249	99.2	0.8	9.5				
Uruguay	269	94.8	2.6	11.5				
America, North								
Canada	4124	97.1	0.1	5.1				
Canada, Alberta	499	99.6	0.0	0.0				
Canada, British Columbia	536	98.7	0.0	0.0				
Canada, Manitoba	155	99.4	0.6	5.2				
Canada, New Brunswick	78	98.7	0.0	0.0				
Canada, Newfoundland and Labrador	53	98.1	0.0	0.0				
*Canada, Northwest Territories	6	100.0	0.0	0.0				
Canada, Nova Scotia	135	97.8	0.7	0.0				
Canada, Ontario	1630	95.6	0.2	0.0				
Canada, Prince Edward Island	17	100.0	0.0	0.0				
*Canada, Quebec	886	96.4	0.0	0.0				
Canada, Saskatchewan	125	99.2	0.0	0.0				
*Canada, Yukon	4	100.0	0.0	0.0				
USA, NPCR (42 states)	34757	99.1	0.2	4.6				
USA, NPCR (42 states): American Indian	224	97.8	0.9	4.9				
USA, NPCR (42 states): Asian and Pacific Islander	381	98.4	0.3	8.9				
USA, NPCR (42 states): Black	1076	98.2	0.3	10.5				
USA, NPCR (42 states): White	32219	99.2	0.2	4.4				
USA, SEER (9 registries)	4000	99.4	0.1	2.7				
*USA, SEER (9 registries): Black	101	97.0	1.0					
*USA, SEER (9 registries): White	3635	99.4	0.1					
USA, SEER (18 registries)	11038	99.4	0.1	4.1				
*USA, SEER (18 registries): Asian and Pacific Islander	349	98.9	0.0					
*USA, SEER (18 registries): Black	279	98.6	0.4					
*USA, SEER (18 registries): Hispanic White	2066	99.3	0.0					
*USA, SEER (18 registries): Non−Hispanic White	8068	99.5	0.1					
*USA, SEER (18 registries): White	10134	99.5	0.1					
USA, Alabama	466	98.7	0.9	6.7				
USA, Alabama: Black	41	100.0	0.0	7.3				
USA, Alabama: White	419	98.6	1.0	6.7				
USA, Alaska	103	97.1	0.0	1.0				
*USA, Alaska: American Indian	15	100.0	0.0	0.0				
USA, Arizona	766	98.2	0.1	4.8				
USA, Arizona: American Indian	37	97.3	0.0	10.8				
USA, Arizona: Asian and Pacific Islander	2	100.0	0.0	0.0				
USA, Arizona: Black	5	100.0	0.0	0.0				
USA, Arizona: White	703	98.4	0.1	4.7				
USA, Arkansas	288	99.7	0.0	4.5				
USA, Arkansas: Black	15	100.0	0.0	13.3				
USA, Arkansas: White	268	99.6	0.0	4.1				
USA, California	4971	99.5	0.0	5.6				
USA, California: American Indian	29	100.0	0.0	3.4				
USA, California: Asian and Pacific Islander	168	97.6	0.0	9.5				
USA, California: Black	83	100.0	0.0	10.8				
USA, California: White	4542	99.5	0.0	5.5				
USA, California, Los Angeles County	1261	99.2	0.0	6.7				
*USA, California, Los Angeles County: Asian and Pacific Islander	57	98.2	0.0					
*USA, California, Los Angeles County: Black	28	100.0	0.0					
*USA, California, Los Angeles County: Chinese	15	100.0	0.0					
*USA, California, Los Angeles County: Filipino	8	87.5	0.0					
*USA, California, Los Angeles County: Hispanic White	559	98.9	0.0					

*Important. See note on population page.

Testis (C62) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	20	100.0	0.0					
*USA, California, Los Angeles County: Korean	6	100.0	0.0					
*USA, California, Los Angeles County: Non−Hispanic White	580	99.5	0.0					
*USA, California, Los Angeles County: White	1139	99.2	0.0					
USA, California, San Francisco Bay Area	562	99.5	0.0	3.7				
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	55	98.2	0.0					
*USA, California, San Francisco Bay Area: Black	12	100.0	0.0					
*USA, California, San Francisco Bay Area: Hispanic White	113	100.0	0.0					
*USA, California, San Francisco Bay Area: Non−Hispanic White	371	99.5	0.0					
*USA, California, San Francisco Bay Area: White	484	99.6	0.0					
USA, Colorado	719	99.0	0.4	3.3				
USA, Colorado: Asian and Pacific Islander	3	100.0	0.0	0.0				
USA, Colorado: Black	10	100.0	0.0	0.0				
USA, Colorado: White	677	99.0	0.4	3.5				
USA, Connecticut	511	99.4	0.0	3.5				
*USA, Connecticut: Black	14	92.9	0.0					
*USA, Connecticut: White	479	99.6	0.0					
USA, Delaware	98	100.0	0.0	2.0				
USA, Delaware: Black	6	100.0	0.0	0.0				
USA, Delaware: White	89	100.0	0.0	2.2				
USA, Florida	2039	99.2	0.0	4.9				
USA, Florida: Asian and Pacific Islander	7	100.0	0.0	0.0				
USA, Florida: Black	72	97.2	0.0	12.5				
USA, Florida: White	1903	99.3	0.1	4.8				
USA, Georgia	900	99.3	0.1	4.0				
USA, Georgia: Asian and Pacific Islander	6	100.0	0.0	0.0				
USA, Georgia: Black	67	95.5	1.5	9.0				
USA, Georgia: White	818	99.6	0.0	3.7				
USA, Georgia, Atlanta	326	99.1	0.3	0.0				
*USA, Georgia, Atlanta: Black	34	94.1	2.9					
*USA, Georgia, Atlanta: White	285	99.6	0.0					
USA, Idaho	227	98.7	0.4	5.3				
USA, Illinois	1644	99.1	0.3	4.1				
USA, Illinois: Asian and Pacific Islander	14	100.0	0.0	0.0				
USA, Illinois: Black	56	96.4	1.8	16.1				
USA, Illinois: White	1521	99.3	0.2	3.8				
USA, Indiana	822	99.3	0.1	3.5				
USA, Indiana: Black	15	100.0	0.0	6.7				
USA, Indiana: White	775	99.2	0.1	3.6				
USA, Iowa	456	99.8	0.0	3.1				
USA, Kentucky	487	99.6	0.4	4.7				
USA, Louisiana	369	99.7	0.0	5.1				
*USA, Louisiana: Black	29	100.0	0.0					
*USA, Louisiana: White	338	99.7	0.0					
*USA, Louisiana, New Orleans	92	98.9	0.0					
*USA, Louisiana, New Orleans: Black	11	100.0	0.0					
*USA, Louisiana, New Orleans: White	80	98.8	0.0					
USA, Maine	195	97.9	0.0	4.1				
USA, Massachusetts	997	99.7	0.1	3.0				
USA, Massachusetts: Asian and Pacific Islander	9	100.0	0.0	0.0				
USA, Massachusetts: Black	12	100.0	0.0	0.0				
USA, Massachusetts: White	956	99.7	0.1	3.1				
USA, Michigan	1411	99.1	0.4	4.2				
USA, Michigan: Asian and Pacific Islander	3	100.0	0.0	0.0				
USA, Michigan: Black	40	100.0	0.0	17.5				
USA, Michigan: White	1324	99.2	0.3	3.9				
USA, Michigan, Detroit	528	100.0	0.0	3.6				
*USA, Michigan, Detroit: Black	31	100.0	0.0					
*USA, Michigan, Detroit: White	480	100.0	0.0					
USA, Mississippi	237	99.6	0.0	7.6				
USA, Missouri	669	99.1	0.3	6.4				
USA, Missouri: Black	16	93.8	0.0	18.8				
USA, Missouri: White	638	99.2	0.3	6.3				
USA, Montana	132	99.2	0.8	3.0				
USA, Montana: American Indian	6	100.0	0.0	0.0				
USA, Nebraska	284	97.9	0.7	4.2				
USA, Nebraska: Black	1	100.0	0.0	100.0				
USA, Nebraska: White	274	97.8	0.7	4.0				
USA, New Hampshire	229	98.7	0.4	3.5				
USA, New Jersey	1183	99.8	0.1	3.6				
*USA, New Jersey: Black	37	100.0	0.0					
*USA, New Jersey: White	1101	99.8	0.1					
USA, New Mexico	270	97.4	0.4	0.0				
*USA, New Mexico: Hispanic White	102	99.0	0.0					
*USA, New Mexico: Non−Hispanic White	137	95.6	0.7					
*USA, New Mexico: White	239	97.1	0.4					
USA, New York State	2608	99.3	0.1	3.8				
USA, New York State: Asian and Pacific Islander	54	100.0	0.0	11.1				
USA, New York State: Black	120	98.3	0.0	5.8				
USA, New York State: White	2361	99.4	0.1	3.6				
USA, North Carolina	1067	99.5	0.3	5.7				
USA, North Carolina: American Indian	7	100.0	0.0	14.3				
USA, North Carolina: Asian and Pacific Islander	4	100.0	0.0	0.0				
USA, North Carolina: Black	89	98.9	0.0	7.9				
USA, North Carolina: White	945	99.6	0.3	5.6				
USA, North Dakota	94	100.0	0.0	6.4				
USA, Ohio	1541	99.4	0.1	4.2				
USA, Ohio: Asian and Pacific Islander	4	100.0	0.0	0.0				
USA, Ohio: Black	55	100.0	0.0	9.1				
USA, Ohio: White	1441	99.5	0.1	4.2				

*Important. See note on population page.

Testis (C62) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	443	99.5	0.0	4.5				
USA, Oklahoma: American Indian	47	100.0	0.0	4.3				
USA, Oklahoma: Black	11	100.0	0.0	0.0				
USA, Oklahoma: White	381	99.5	0.0	4.7				
USA, Oregon	589	99.3	0.0	3.7				
USA, Oregon: Asian and Pacific Islander	2	100.0	0.0	0.0				
USA, Oregon: Black	5	100.0	0.0	0.0				
USA, Oregon: White	560	99.3	0.0	3.8				
USA, Pennsylvania	1784	99.7	0.1	4.9				
USA, Pennsylvania: Asian and Pacific Islander	16	100.0	0.0	0.0				
USA, Pennsylvania: Black	48	100.0	0.0	16.7				
USA, Pennsylvania: White	1691	99.6	0.1	4.7				
USA, Rhode Island	155	99.4	0.6	6.5				
USA, Rhode Island: Black	2	100.0	0.0	0.0				
USA, Rhode Island: White	153	99.3	0.7	6.5				
USA, South Carolina	414	99.0	0.0	3.9				
USA, South Carolina: Black	31	93.5	0.0	16.1				
USA, South Carolina: White	377	99.5	0.0	2.9				
USA, South Dakota	111	99.1	0.0	3.6				
USA, Tennessee	693	98.4	0.6	5.3				
USA, Tennessee: Black	25	96.0	0.0	12.0				
USA, Tennessee: White	659	98.6	0.6	5.2				
USA, Texas	2918	98.1	0.3	5.3				
USA, Texas: Asian and Pacific Islander	18	100.0	0.0	16.7				
USA, Texas: Black	88	97.7	0.0	10.2				
USA, Texas: White	2717	98.1	0.3	5.3				
USA, Utah	455	99.8	0.0	2.4				
USA, Vermont	95	97.9	0.0	3.2				
USA, Virginia	922	99.6	0.1	3.4				
USA, Virginia: Asian and Pacific Islander	13	100.0	0.0	7.7				
USA, Virginia: Black	48	100.0	0.0	6.2				
USA, Virginia: White	835	99.5	0.1	3.2				
USA, Washington State	1025	99.1	0.1	3.6				
USA, Washington, Seattle	730	99.2	0.0	3.2				
USA, West Virginia	234	99.1	0.0	5.6				
USA, Wisconsin	951	99.4	0.3	2.1				
USA, Wisconsin: Black	10	100.0	0.0	10.0				
USA, Wisconsin: White	917	99.3	0.3	2.1				
USA, Wyoming	74	95.9	2.7	5.4				
Asia								
Bahrain: Bahraini	17	100.0	0.0	5.9				
China, Beijing City	99	86.9	1.0	26.3				
*China, Cixian County	4	100.0	0.0	25.0				
China, Haining County	4	100.0	0.0	50.0				
*China, Harbin City, Nangang District	13	84.6	0.0	7.7				
China, Hong Kong	256	100.0	0.0	2.0				
China, Jiashan County	8	87.5	0.0	25.0				
China, Jiaxing City	3	100.0	0.0	33.3				
China, Macao	16	87.5	0.0	0.0				
China, Qidong County	14	100.0	0.0	21.4				
*China, Shanghai City	122	82.8	0.0	18.0				
*China, Wuhan City	62	100.0		6.5				
*China, Yangcheng County	6	100.0		0.0				
*China, Yanting County	3	100.0	0.0	33.3				
*China, Zhongshan City	24	100.0		16.7				
*India, Bangalore	68	98.5	0.0					
*India; Barshi, Paranda, and Bhum	7	85.7						
*India, Bhopal	29	86.2	0.0					
*India, Chennai	96	87.5	0.0					
*India, Dindigul, Ambilikkai	20	95.0	0.0					
*India, Karunagappally	6	83.3	0.0					
*India, Mizoram	7	85.7	0.0					
*India, Mumbai	257	86.8	2.3					
*India, New Delhi	234	89.3	0.4					
*India, Poona	55	89.1	7.3					
*India, Sikkim State	4	100.0	0.0					
*India, Trivandrum	15	93.3	0.0					
*Iran (Islamic Republic of), Golestan Province	53	79.2	1.9	3.8				
Israel	694	98.8	0.1	2.7				
*Israel: Jews	631	98.7	0.2					
*Israel: Non–Jews	63	100.0	0.0					
Japan, Aichi Prefecture	77	100.0	0.0	3.9				
Japan, Fukui Prefecture	44	95.5	0.0	9.1				
Japan, Hiroshima	70	100.0	0.0	2.9				
Japan, Miyagi Prefecture	135	92.6	0.7	5.2				
Japan, Nagasaki Prefecture	66	97.0	1.5	9.1				
Japan, Niigata Prefecture	138	96.4	0.7	9.4				
*Japan, Osaka Prefecture	313	97.1	1.9	9.6				
Japan, Saga Prefecture	31	96.8	0.0	12.9				
Republic of Korea	823	97.7	0.2	9.3				
Republic of Korea, Busan	53	96.2	0.0	15.1				
Republic of Korea, Daegu	45	100.0	0.0	6.7				
Republic of Korea, Daejeon	22	100.0	0.0	13.6				
Republic of Korea, Gwangju	16	100.0	0.0	0.0				
Republic of Korea, Incheon	38	97.4	0.0	15.8				
Republic of Korea, Jejudo	5	100.0	0.0	0.0				
Republic of Korea, Seoul	203	99.0	0.0	4.9				
Republic of Korea, Ulsan	20	100.0	0.0	5.0				

*Important. See note on population page.

Indices of data quality

Testis (C62) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	69	97.1	0.0	8.7				
*Kuwait: Kuwaitis	30	100.0	0.0					
*Kuwait: Non−Kuwaitis	39	94.9	0.0					
*Malaysia, Penang	30	96.7						
*Malaysia, Penang: Chinese	10	100.0						
*Malaysia, Penang: Indian	2	100.0						
*Malaysia, Penang: Malay	18	94.4						
*Philippines, Manila	132	85.6	4.5					
*Philippines, Rizal	98	88.8	2.0					
Qatar: Qatari	4	100.0	0.0	0.0				
*Saudi Arabia, Riyadh: Saudi	61	98.4	0.0					
Singapore	119	98.3	0.0	5.0				
Singapore: Chinese	93	97.8	0.0	3.2				
Singapore: Indian	7	100.0	0.0	0.0				
Singapore: Malay	15	100.0	0.0	13.3				
Thailand, Bangkok	67	80.6	4.5	3.0				
Thailand, Chiang Mai	28	89.3	0.0	53.6				
Thailand, Chonburi	40	97.5	0.0	25.0				
*Thailand, Khon Kaen	16	93.8	0.0					
Thailand, Lampang	10	100.0	0.0	10.0				
*Thailand, Songkhla	7	85.7	0.0					
*Turkey, Antalya	137	98.5	0.0	9.5				
*Turkey, Edirne	26	92.3	0.0					
*Turkey, Izmir	359	97.5	0.0					
*Turkey, Trabzon	39	100.0	0.0					
Europe								
Austria	1762	98.9	0.5	5.5				
Austria, Tyrol	164	100.0	0.0	3.0				
Austria, Vorarlberg	76	100.0	0.0	3.9				
*Belarus	555	99.3						
*Belgium	1107	99.6		3.8				
Bulgaria	931	96.8	1.7	24.0				
Croatia	739	85.0	0.4	9.1				
Cyprus	123	96.7	1.6	6.1				
Czech Republic	2227	98.9	0.2	7.9				
Denmark	1456	99.2	0.1	4.8				
*Estonia	97	95.9		21.6				
Finland	578	99.3	0.0	4.8				
*France, Bas−Rhin	252	99.6		2.8				
*France, Calvados	109	99.1		4.6				
*France, Doubs	99	98.0		5.1				
*France, Haut−Rhin	145	100.0		5.5				
*France, Hérault	140	100.0		5.7				
*France, Isère	181	100.0		2.8				
*France, Loire−Atlantique	203	100.0		3.4				
*France, Manche	60	100.0		5.0				
*France, Somme	69	100.0		15.9				
*France, Tarn	55	100.0		3.6				
*France, Vendée	95	98.9		3.2				
Germany, Brandenburg	631	97.9	1.6	4.6				
Germany, Bremen	160	99.4	0.6	4.4				
Germany, Free State of Saxony	1069	98.2	1.3	8.0				
Germany, Hamburg	431	95.8	0.2	3.9				
Germany, Mecklenburg−Western Pomerania	435	99.1	0.9	6.4				
Germany, Munich	1036	97.6	1.4	2.5				
Germany, North Rhine−Westphalia	743	96.4	0.4	2.8				
Germany, Saarland	225	100.0	0.0	4.0				
Germany, Schleswig−Holstein	780	96.5	2.1	3.7				
Iceland	49	100.0	0.0	2.0				
Ireland	787	98.5	0.0	3.6				
Italy, Biella	37	100.0	0.0	5.4				
Italy, Brescia	127	89.8	0.0	1.6				
Italy, Catania and Messina	152	96.7	0.7	3.9				
Italy, Catanzaro	31	93.5	0.0	9.7				
Italy, Como	97	100.0	0.0	5.2				
Italy, Ferrara	58	94.8	0.0	6.9				
Italy, Florence and Prato	100	93.0	1.0	6.0				
Italy, Friuli−Venezia Giulia	189	97.4	0.0	6.9				
Italy, Genoa	101	94.1	1.0	8.9				
Italy, Latina	77	85.7	0.0	6.5				
Italy, Lecco	64	92.2	0.0	1.6				
Italy, Lombardy, South	55	90.9	0.0	5.5				
Italy, Mantua	36	88.9	0.0	11.1				
Italy, Milan	157	66.9	0.0	3.2				
Italy, Modena	105	100.0	0.0	3.8				
Italy, Naples	90	95.6	1.1	8.9				
Italy, Nuoro	28	92.9	0.0	10.7				
Italy, Palermo	127	86.6	0.0	7.1				
Italy, Parma	67	100.0	0.0	1.5				
Italy, Ragusa	34	94.1	0.0	18.4				
Italy, Reggio Emilia	73	84.9	0.0	5.5				
Italy, Romagna	186	93.0	0.0	8.1				
Italy, Salerno	174	83.9	0.0	6.3				
Italy, Sassari	73	93.2	0.0	2.7				
Italy, Sondrio	34	100.0	0.0	0.0				
Italy, South Tyrol	94	100.0	0.0	2.1				

*Important. See note on population page.

Indices of data quality

Testis (C62) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	57	98.2	0.0	3.5				
Italy, Trapani	50	100.0	0.0	4.0				
Italy, Trento	80	100.0	0.0	5.0				
Italy, Turin	125	99.2	0.0	5.6				
Italy, Umbria	110	97.3	0.0	1.8				
Italy, Varese	172	97.7	0.0	2.9				
Italy, Veneto	301	99.7	0.3	3.7				
Latvia	141	92.9	2.8	36.9				
Lithuania	175	94.9	1.7	28.0				
Malta	44	97.7	2.3	9.1				
*Netherlands	2962	99.5		4.5				
*Netherlands, Eindhoven	172	99.4		2.3				
Norway	1286	99.4	0.2	4.0				
Poland, Cracow	87	98.9	1.1	18.4				
Poland, Kielce	114	98.2	0.0	18.4				
Poland, Lower Silesia	439	88.2	0.0	13.2				
Poland, Podkarpackie	147	91.8	2.0	12.9				
Portugal, Azores	22	95.5	0.0	0.0				
Russian Federation, Saint Petersburg	297	92.9	0.0					
*Serbia, Central	762	85.3	2.0	12.2				
Slovakia	1161	96.6	0.9	9.3				
Slovenia	487	100.0	0.0	8.0				
Spain, Albacete	61	100.0	0.0	1.6				
Spain, Asturias	106	100.0	0.0	5.7				
Spain, Basque Country	279	99.3	0.4	4.7				
Spain, Canary Islands	92	97.8	1.1	4.3				
Spain, Ciudad Real	41	92.7	2.4	4.9				
Spain, Cuenca	9	100.0	0.0	0.0				
Spain, Girona	102	98.0	0.0	5.9				
*Spain, Granada	89	100.0		5.6				
Spain, La Rioja	34	100.0	0.0	2.9				
Spain, Mallorca	111	100.0	0.0	1.5				
Spain, Murcia	162	99.4	0.0	8.6				
Spain, Navarra	70	98.6	0.0	1.4				
Spain, Tarragona	73	97.3	1.4	5.5				
*Sweden	1407	99.9		3.8				
Switzerland, Basel	122	99.2	0.8	4.9				
Switzerland, Geneva	70	100.0	0.0	4.3				
Switzerland, Graubünden and Glarus	54	94.4	0.0	3.7				
Switzerland, Neuchâtel	41	100.0	0.0	7.3				
Switzerland, St Gall−Appenzell	165	100.0	0.0	2.4				
Switzerland, Ticino	73	100.0	0.0	4.1				
Switzerland, Valais	77	98.7	0.0	2.6				
Switzerland, Vaud	146	100.0	0.0	2.7				
Switzerland, Zurich	369	98.9	0.5	4.3				
Ukraine	2441	92.4	0.1					
UK, England	8337	96.6	0.2	3.6				
UK, England, East of England Region	887	97.4	0.2	3.5				
UK, England, North Western	1086	91.1	0.1	5.6				
UK, England, Northern and Yorkshire	1072	98.4	0.1	3.8				
UK, England, Oxford Region	537	99.4	0.0	2.8				
UK, England, South and Western Regions	1315	95.4	0.2	2.7				
UK, England, Thames	1769	96.9	0.3	2.9				
UK, England, Trent	477	98.5	0.0	2.9				
UK, England, West Midlands	904	97.9	0.2	4.0				
UK, Northern Ireland	295	99.7	0.3	2.7				
UK, Scotland	971	98.4	0.0	5.3				
UK, Wales	527	90.3	0.8	4.7				
Oceania								
Australian Capital Territory	66	98.5	0.0	1.5				
Australia, New South Wales	1105	98.8	0.1	2.4				
Australia, Northern Territory	31	100.0	0.0	12.9				
Australia, Northern Territory: Indigenous	2	100.0	0.0	0.0				
Australia, Northern Territory: Non−Indigenous	28	100.0	0.0	10.7				
Australia, Queensland	624	96.6	0.2	4.6				
South Australia	246	98.4	0.0	5.3				
Australia, Tasmania	77	100.0	0.0	5.2				
Australia, Victoria	836	97.7	0.6	2.0				
Western Australia	355	98.9	0.0	3.1				
New Zealand	733	98.1	0.3	5.7				
New Zealand: Maori	160	96.2	0.6	11.9				
New Zealand: Pacific Islander	11	90.9	0.0	18.2				
New Zealand: Other	562	98.8	0.2	3.7				
USA, Hawaii	162	99.4	0.6	0.0				
*USA, Hawaii: Chinese	6	100.0	0.0					
*USA, Hawaii: Filipino	12	100.0	0.0					
*USA, Hawaii: Hawaiian	23	100.0	0.0					
*USA, Hawaii: Japanese	24	100.0	0.0					
*USA, Hawaii: White	84	98.8	1.2					

*Important. See note on population page.

Indices of data quality

Kidney etc. (C64-66, C68)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	25	100.0			18	100.0		
Egypt, Gharbiah	236	87.3	5.1	33.1	125	80.8	5.6	31.2
*Libya, Benghazi	54	72.2	14.8	46.3	28	85.7	7.1	32.1
*Malawi, Blantyre	43	86.0			30	86.7		
*South Africa, PROMEC	6	33.3			12	58.3		
*Tunisia, North	172	92.4			107	93.5		
*Uganda, Kyadondo County	44	65.9	0.0		46	60.9	0.0	
*Zimbabwe, Harare: African	31	87.1	9.7		21	95.2	4.8	
America, Central and South								
Argentina, Bahía Blanca	97	90.7	9.3	46.4	51	76.5	23.5	49.0
Argentina, Córdoba	339	87.0	12.4	39.8	168	88.1	10.7	48.2
Argentina, Mendoza	411	82.5	12.4	49.6	240	82.1	11.7	38.8
*Argentina, Tierra del Fuego	25	76.0	0.0	28.0	20	75.0	0.0	20.0
Brazil, Aracaju	45	88.9	8.9	33.3	31	80.6	19.4	25.8
Brazil, Belo Horizonte	163	86.5	11.7	35.6	139	82.7	15.1	33.8
Brazil, Cuiabá	30	86.7	10.0	40.0	23	69.6	13.0	26.1
Brazil, Fortaleza	76	92.1	5.3	60.5	93	83.9	15.1	43.0
Brazil, Goiânia	169	94.7	2.4	24.3	128	92.2	4.7	28.9
*Brazil, São Paulo	1532	79.3	10.6	40.5	979	76.7	10.3	35.5
Chile, Region of Antofagasta	145	74.5	15.2	73.1	85	75.3	14.1	41.2
Chile, Bío Bío Province	68	45.6	2.9	61.8	36	52.8	0.0	44.4
Chile, Valdivia	107	67.3	4.7	50.5	64	76.6	3.1	43.8
Colombia, Bucaramanga	53	79.2	11.3	39.6	39	71.8	15.4	64.1
Colombia, Cali	193	86.5	3.6	39.9	159	85.5	3.1	39.6
Colombia, Manizales	30	86.7	3.3	46.7	28	78.6	0.0	60.7
Colombia, Pasto	16	62.5	12.5	37.5	14	85.7	14.3	50.0
Costa Rica	374	76.5	8.6	40.4	242	74.8	8.7	39.7
Cuba, Villa Clara	87	89.7	3.4	57.5	74	74.3	9.5	51.4
Ecuador, Cuenca	24	79.2	4.2	37.5	23	82.6	0.0	43.5
Ecuador, Quito	121	78.5	12.4	43.0	102	84.3	5.9	25.5
*France, Martinique	44	93.2		34.1	25	88.0		72.0
*Jamaica, Kingston and St Andrew	30	76.7			23	78.3		
USA, Puerto Rico	727	89.8	6.2	32.0	455	90.3	5.5	28.6
Uruguay	867	79.8	11.9	47.4	476	76.3	16.8	42.0
America, North								
Canada	14470	82.2	1.0	32.8	9043	78.1	1.5	31.9
Canada, Alberta	1304	84.7	0.0	29.1	772	83.4	0.0	29.3
Canada, British Columbia	1404	84.3	1.9	38.2	796	81.5	2.6	35.2
Canada, Manitoba	644	70.7	0.6	33.1	371	67.1	1.3	32.9
Canada, New Brunswick	473	88.2	0.0	31.1	302	87.7	0.0	31.1
Canada, Newfoundland and Labrador	239	93.3	0.0	41.0	137	93.4	0.7	43.1
*Canada, Northwest Territories	8	50.0	0.0	50.0	7	85.7	0.0	28.6
Canada, Nova Scotia	587	84.8	0.3	33.6	386	84.7	0.8	26.2
Canada, Ontario	5467	84.4	1.0	29.7	3458	79.2	1.9	27.8
Canada, Prince Edward Island	83	89.2	0.0	30.1	43	86.0	0.0	46.5
*Canada, Quebec	3820	77.4	1.4	30.5	2482	72.8	1.6	29.1
Canada, Saskatchewan	437	81.9	1.8	37.1	288	73.3	1.7	38.9
*Canada, Yukon	4	75.0	0.0	150.0	1	100.0	0.0	100.0
USA, NPCR (42 states)	128409	91.3	1.3	28.1	81040	89.1	1.6	27.3
USA, NPCR (42 states): American Indian	856	89.4	1.3	29.6	625	91.7	1.1	21.3
USA, NPCR (42 states): Asian and Pacific Islander	1738	92.1	0.5	28.9	1123	91.3	1.7	27.2
USA, NPCR (42 states): Black	12770	89.6	1.3	25.4	8926	86.6	1.7	24.0
USA, NPCR (42 states): White	111473	91.4	1.3	28.8	69526	89.4	1.6	28.1
USA, SEER (9 registries)	12448	90.8	0.9	26.2	7867	88.7	1.2	26.6
*USA, SEER (9 registries): Black	1251	88.1	1.2		808	84.0	1.1	
*USA, SEER (9 registries): White	10236	91.1	0.9		6420	88.8	1.2	
USA, SEER (18 registries)	36090	91.1	0.8	25.4	22420	89.0	1.1	25.1
*USA, SEER (18 registries): Asian and Pacific Islander	1618	92.8	0.4		1008	92.5	1.4	
*USA, SEER (18 registries): Black	3562	89.1	1.0		2341	86.0	1.4	
*USA, SEER (18 registries): Hispanic White	3728	91.8	0.6		2540	91.1	0.7	
*USA, SEER (18 registries): Non−Hispanic White	26677	91.1	0.8		16207	88.8	1.1	
*USA, SEER (18 registries): White	30405	91.2	0.8		18747	89.1	1.1	
USA, Alabama	2255	93.6	1.2	27.3	1452	91.4	1.4	27.4
USA, Alabama: Black	429	89.3	1.4	24.2	321	83.8	2.8	26.2
USA, Alabama: White	1811	94.6	1.1	28.2	1122	93.6	0.9	27.8
USA, Alaska	255	91.4	0.8	24.7	158	91.8	0.0	16.5
*USA, Alaska: American Indian	47	89.4	0.0	36.2	34	91.2	0.0	8.8
USA, Arizona	2694	90.0	2.2	28.3	1714	89.0	1.9	26.0
USA, Arizona: American Indian	138	84.1	0.0	22.5	73	95.9	1.4	28.8
USA, Arizona: Asian and Pacific Islander	18	94.4	0.0	5.6	15	86.7	0.0	33.3
USA, Arizona: Black	62	93.5	1.6	25.8	50	88.0	2.0	12.0
USA, Arizona: White	2442	90.1	2.3	29.3	1561	88.7	2.0	26.5
USA, Arkansas	1519	88.5	1.4	28.4	946	90.9	1.2	28.8
USA, Arkansas: Black	157	82.8	1.9	28.7	118	85.6	2.5	27.1
USA, Arkansas: White	1353	89.3	1.3	28.5	818	91.6	1.0	29.3
USA, California	13850	91.3	0.7	28.9	8181	89.3	0.9	28.3
USA, California: American Indian	79	89.9	0.0	36.7	52	92.3	0.0	36.5
USA, California: Asian and Pacific Islander	890	92.5	0.3	29.4	573	91.6	1.2	26.7
USA, California: Black	949	89.8	0.9	27.5	561	87.7	0.9	26.0
USA, California: White	11753	91.3	0.7	29.3	6916	89.2	0.9	28.9
USA, California, Los Angeles County	3329	92.4	0.8	28.4	2025	90.1	0.9	27.6
*USA, California, Los Angeles County: Asian and Pacific Islander	294	94.9	0.3		203	89.7	1.0	
*USA, California, Los Angeles County: Black	343	88.6	1.5		230	86.5	0.9	
*USA, California, Los Angeles County: Chinese	69	95.7	0.0		55	90.9	1.8	
*USA, California, Los Angeles County: Filipino	87	94.3	0.0		56	85.7	0.0	
*USA, California, Los Angeles County: Hispanic White	960	92.2	0.9		634	92.7	0.9	

*Important. See note on population page.

Kidney etc. (C64-66, C68) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	37	94.6	2.7		25	92.0	0.0	
*USA, California, Los Angeles County: Korean	48	95.8	0.0		28	89.3	3.6	
*USA, California, Los Angeles County: Non−Hispanic White	1705	92.8	0.6		946	89.3	0.8	
*USA, California, Los Angeles County: White	2665	92.6	0.8		1580	90.7	0.9	
USA, California, San Francisco Bay Area	1648	89.1	0.9	26.8	1016	87.3	1.0	24.9
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	220	88.6	0.9		145	93.1	2.8	
*USA, California, San Francisco Bay Area: Black	188	84.0	1.6		121	81.8	0.8	
*USA, California, San Francisco Bay Area: Hispanic White	189	89.4	0.0		151	89.4	1.3	
*USA, California, San Francisco Bay Area: Non−Hispanic White	1032	90.0	1.0		583	86.3	0.5	
*USA, California, San Francisco Bay Area: White	1221	89.9	0.8		734	86.9	0.7	
USA, Colorado	1841	88.9	1.4	28.3	1081	85.4	1.8	27.9
USA, Colorado: Asian and Pacific Islander	11	100.0	0.0	27.3	11	100.0	0.0	9.1
USA, Colorado: Black	66	83.3	3.0	33.3	38	81.6	5.3	23.7
USA, Colorado: White	1733	89.0	1.4	28.5	1016	85.5	1.7	28.4
USA, Connecticut	1820	94.2	1.0	22.6	1179	92.7	2.2	24.9
*USA, Connecticut: Black	121	93.4	0.8		71	91.5	2.8	
*USA, Connecticut: White	1662	94.1	1.0		1087	92.6	2.2	
USA, Delaware	449	94.4	1.6	28.3	280	93.6	2.5	25.4
USA, Delaware: Black	77	96.1	1.3	15.6	47	89.4	2.1	23.4
USA, Delaware: White	365	94.2	1.6	31.2	228	94.3	2.6	26.3
USA, Florida	9724	89.3	1.7	28.5	5903	87.8	1.8	25.3
USA, Florida: Asian and Pacific Islander	42	88.1	0.0	28.6	24	91.7	0.0	37.5
USA, Florida: Black	789	87.3	1.8	23.1	535	83.7	1.9	20.7
USA, Florida: White	8787	89.4	1.7	29.3	5285	88.2	1.8	26.0
USA, Georgia	3559	91.1	1.2	27.6	2270	88.8	1.9	28.5
USA, Georgia: Asian and Pacific Islander	22	95.5	0.0	18.2	9	100.0	0.0	44.4
USA, Georgia: Black	809	89.7	1.0	25.1	598	87.6	1.8	24.4
USA, Georgia: White	2713	91.5	1.3	28.5	1654	89.1	1.9	30.0
USA, Georgia, Atlanta	1001	93.0	0.6	27.5	657	88.4	1.1	25.0
*USA, Georgia, Atlanta: Black	313	93.3	0.6		243	86.0	1.2	
*USA, Georgia, Atlanta: White	674	93.0	0.6		402	89.6	1.0	
USA, Idaho	616	89.0	2.4	30.7	374	86.1	2.4	30.2
USA, Illinois	6503	91.4	1.3	27.5	4256	89.6	1.4	25.4
USA, Illinois: Asian and Pacific Islander	65	93.8	0.0	27.7	40	90.0	5.0	30.0
USA, Illinois: Black	832	90.6	2.0	26.8	581	90.7	1.7	24.1
USA, Illinois: White	5523	91.4	1.2	28.0	3596	89.3	1.3	25.8
USA, Indiana	3336	90.8	1.5	29.1	2296	87.6	1.7	27.8
USA, Indiana: Black	227	91.2	2.6	25.6	152	91.4	0.7	24.3
USA, Indiana: White	3050	90.7	1.4	29.9	2098	87.2	1.8	28.6
USA, Iowa	1735	89.0	1.2	30.1	1118	87.4	1.5	32.9
USA, Kentucky	2398	89.1	0.7	28.0	1605	87.4	0.9	23.9
USA, Louisiana	1919	91.6	0.8	29.8	1342	88.8	1.2	27.1
*USA, Louisiana: Black	435	86.7	1.1		330	82.4	1.8	
*USA, Louisiana: White	1471	93.0	0.7		1002	90.9	1.0	
*USA, Louisiana, New Orleans	393	89.6	2.5		245	90.2	2.4	
*USA, Louisiana, New Orleans: Black	119	84.9	3.4		70	85.7	5.7	
*USA, Louisiana, New Orleans: White	269	91.4	2.2		173	92.5	1.2	
USA, Maine	725	90.8	1.2	28.7	520	87.9	1.9	27.7
USA, Massachusetts	3494	92.2	1.3	26.6	2138	89.1	1.5	25.4
USA, Massachusetts: Asian and Pacific Islander	39	92.3	0.0	15.4	23	87.0	4.3	26.1
USA, Massachusetts: Black	153	92.2	0.7	17.6	87	87.4	0.0	16.1
USA, Massachusetts: White	3269	92.2	1.4	27.4	2010	89.3	1.5	25.9
USA, Michigan	5049	90.7	1.0	28.0	3352	89.3	1.0	27.9
USA, Michigan: Asian and Pacific Islander	21	95.2	0.0	42.9	17	100.0	0.0	17.6
USA, Michigan: Black	643	87.6	0.6	21.9	441	84.8	0.2	24.0
USA, Michigan: White	4257	91.0	1.1	29.6	2830	89.9	1.1	29.0
USA, Michigan, Detroit	2061	91.9	0.8	24.1	1386	89.8	0.9	24.2
*USA, Michigan, Detroit: Black	463	86.0	1.5		315	82.9	0.6	
*USA, Michigan, Detroit: White	1556	93.5	0.6		1044	91.7	1.0	
USA, Mississippi	1467	89.0	1.5	27.9	983	89.1	3.0	27.8
USA, Missouri	3234	89.4	1.3	29.0	2044	87.8	1.6	28.4
USA, Missouri: Black	291	90.7	2.1	29.2	217	82.9	0.0	23.0
USA, Missouri: White	2912	89.4	1.2	29.3	1807	88.2	1.8	29.2
USA, Montana	424	90.1	1.7	33.5	258	84.1	3.5	31.0
USA, Montana: American Indian	31	96.8	0.0	29.0	22	95.5	4.5	27.3
USA, Nebraska	860	92.4	1.5	30.9	562	90.9	2.0	34.5
USA, Nebraska: Black	25	88.0	4.0	24.0	18	88.9	0.0	22.2
USA, Nebraska: White	810	92.6	1.4	31.6	523	91.4	2.1	35.4
USA, New Hampshire	641	90.3	0.5	28.5	386	87.0	3.1	32.4
USA, New Jersey	4503	92.9	0.5	23.3	2795	89.7	1.0	24.8
*USA, New Jersey: Black	461	93.7	0.7		313	88.8	1.6	
*USA, New Jersey: White	3879	92.7	0.5		2385	89.9	0.8	
USA, New Mexico	786	87.4	1.8	34.9	494	85.0	2.8	33.4
*USA, New Mexico: Hispanic White	307	90.2	1.6		187	85.6	1.6	
*USA, New Mexico: Non−Hispanic White	388	87.1	1.5		246	84.1	3.7	
*USA, New Mexico: White	695	88.5	1.6		433	84.8	2.8	
USA, New York State	10056	91.7	0.5	22.9	6095	88.1	0.8	24.3
USA, New York State: Asian and Pacific Islander	206	93.7	0.5	24.3	123	92.7	2.4	17.1
USA, New York State: Black	1059	91.5	0.6	22.9	754	86.1	0.4	21.2
USA, New York State: White	8613	91.6	0.5	23.3	5096	88.1	0.8	25.5
USA, North Carolina	4736	91.9	1.5	26.3	2779	89.6	2.0	26.2
USA, North Carolina: American Indian	35	94.3	0.0	42.9	36	86.1	2.8	8.3
USA, North Carolina: Asian and Pacific Islander	14	92.9	0.0	28.6	12	91.7	8.3	41.7
USA, North Carolina: Black	882	91.6	0.9	23.8	570	87.7	2.6	23.3
USA, North Carolina: White	3775	92.0	1.6	26.9	2148	90.1	1.8	27.4
USA, North Dakota	332	89.2	1.2	39.8	211	87.7	0.9	36.5
USA, Ohio	5646	93.7	1.1	32.2	3985	92.8	1.2	29.9
USA, Ohio: Asian and Pacific Islander	11	90.9	0.0	45.5	12	100.0	0.0	16.7
USA, Ohio: Black	582	91.4	1.7	28.9	425	91.8	1.2	25.9
USA, Ohio: White	4993	93.9	1.1	32.9	3510	92.9	1.2	30.7

*Important. See note on population page.

Indices of data quality

Kidney etc. (C64-66, C68) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	1880	91.2	2.2	34.0	1234	89.1	2.0	30.9
USA, Oklahoma: American Indian	186	88.7	2.2	26.9	153	92.2	1.3	21.6
USA, Oklahoma: Black	87	87.4	4.6	33.3	64	82.8	4.7	35.9
USA, Oklahoma: White	1591	91.6	2.1	35.1	1013	89.1	2.0	31.9
USA, Oregon	1710	90.5	1.5	29.7	1108	88.9	0.6	26.5
USA, Oregon: Asian and Pacific Islander	18	72.2	0.0	27.8	11	81.8	0.0	36.4
USA, Oregon: Black	28	92.9	0.0	0.0	19	89.5	0.0	21.1
USA, Oregon: White	1590	90.6	1.6	31.4	1034	89.0	0.7	27.4
USA, Pennsylvania	7393	91.6	1.0	26.6	4856	87.4	1.6	27.9
USA, Pennsylvania: Asian and Pacific Islander	27	88.9	3.7	3.7	23	87.0	4.3	30.4
USA, Pennsylvania: Black	589	87.8	1.0	23.8	438	82.9	1.8	24.2
USA, Pennsylvania: White	6676	91.9	1.0	27.3	4355	87.8	1.5	28.5
USA, Rhode Island	596	91.9	1.2	26.2	407	88.7	1.5	29.7
USA, Rhode Island: Black	25	84.0	0.0	16.0	11	100.0	0.0	27.3
USA, Rhode Island: White	560	92.1	1.2	27.0	393	88.3	1.5	30.0
USA, South Carolina	2052	90.4	1.6	30.5	1414	87.6	2.5	27.3
USA, South Carolina: Black	430	89.3	1.4	31.6	382	82.5	3.9	28.0
USA, South Carolina: White	1608	90.5	1.6	30.5	1026	89.6	1.9	27.0
USA, South Dakota	375	89.9	1.6	42.7	268	89.2	2.2	31.7
USA, Tennessee	3071	92.5	2.8	29.5	1960	91.1	2.3	27.4
USA, Tennessee: Black	338	91.4	3.0	32.0	312	88.5	1.9	24.7
USA, Tennessee: White	2707	92.6	2.8	29.4	1629	91.6	2.5	28.2
USA, Texas	10632	90.4	1.5	27.9	6954	88.1	2.3	25.7
USA, Texas: Asian and Pacific Islander	72	93.1	0.0	43.1	43	95.3	0.0	34.9
USA, Texas: Black	1084	85.1	1.3	25.6	768	84.8	2.2	23.3
USA, Texas: White	9287	90.9	1.6	28.5	6028	88.5	2.4	26.5
USA, Utah	662	92.3	0.2	28.7	430	90.7	0.0	27.4
USA, Vermont	335	90.1	1.8	25.4	215	86.0	2.8	28.4
USA, Virginia	3377	92.4	2.1	29.6	2038	90.2	2.5	25.9
USA, Virginia: Asian and Pacific Islander	39	89.7	5.1	48.7	28	96.4	3.6	35.7
USA, Virginia: Black	599	91.2	1.7	29.2	401	89.5	2.2	20.0
USA, Virginia: White	2687	92.7	2.2	29.9	1584	90.3	2.5	27.7
USA, Washington State	3022	89.2	0.8	27.8	1828	87.0	0.9	28.2
USA, Washington, Seattle	2173	88.5	0.8	24.6	1285	85.4	0.5	25.3
USA, West Virginia	1068	90.6	1.0	29.1	714	88.1	1.1	29.8
USA, Wisconsin	2972	92.9	2.7	29.3	1825	92.1	2.8	30.5
USA, Wisconsin: Black	117	98.3	0.9	24.8	77	96.1	1.3	28.6
USA, Wisconsin: White	2771	93.2	2.9	30.0	1695	92.0	2.9	31.3
USA, Wyoming	254	93.7	0.4	31.5	134	94.8	0.0	17.2
Asia								
Bahrain: Bahraini	32	90.6	0.0	56.2	24	91.7	8.3	54.2
China, Beijing City	2266	87.7	0.0	31.4	1463	88.2	0.1	32.7
*China, Cixian County	19	78.9	5.3	78.9	14	78.6	0.0	57.1
China, Haining County	27	77.8	0.0	44.4	19	89.5	0.0	68.4
*China, Harbin City, Nangang District	196	71.4	1.0	33.7	112	70.5	0.9	35.7
China, Hong Kong	1281	84.5	0.8	38.4	727	82.4	1.4	42.8
China, Jiashan County	38	76.3	2.6	57.9	23	91.3	4.3	39.1
China, Jiaxing City	57	77.2	0.0	28.1	23	73.9	0.0	26.1
China, Macao	35	77.1	2.9	48.6	35	77.1	2.9	28.6
China, Qidong County	61	60.7	1.6	45.9	32	62.5	3.1	53.1
*China, Shanghai City	2010	74.2	0.2	32.1	1171	71.4	0.3	37.6
*China, Wuhan City	574	92.0		30.8	341	90.9		29.6
*China, Yangcheng County	10	100.0		40.0	6	100.0		33.3
*China, Yanting County	9	100.0	0.0	44.4	5	100.0	0.0	0.0
*China, Zhongshan City	80	82.5		60.0	52	73.1		50.0
*India, Bangalore	127	92.1	6.3		75	94.7	4.0	
*India; Barshi, Paranda, and Bhum	11	54.5			3	66.7		
*India, Bhopal	34	97.1	0.0		14	100.0	0.0	
*India, Chennai	159	86.2	0.0		74	82.4	1.4	
*India, Dindigul, Ambilikkai	32	81.2	3.1		18	66.7	5.6	
*India, Karunagappally	16	81.2	0.0		2	100.0	0.0	
*India, Mizoram	14	71.4	7.1		11	45.5	0.0	
*India, Mumbai	535	94.8	2.1		262	93.5	4.2	
*India, New Delhi	676	91.0	0.1		299	90.0	0.7	
*India, Poona	134	94.8	3.0		63	95.2	4.8	
*India, Sikkim State	7	85.7	0.0		4	100.0	0.0	
*India, Trivandrum	34	91.2	0.0		8	100.0	0.0	
*Iran (Islamic Republic of), Golestan Province	35	80.0	5.7	31.4	20	90.0	0.0	20.0
Israel	2390	94.2	3.2	23.6	1377	90.6	4.8	27.7
*Israel: Jews	2260	94.3	3.3		1304	90.3	4.9	
*Israel: Non–Jews	130	93.1	2.3		73	95.9	2.7	
Japan, Aichi Prefecture	452	86.3	6.6	34.7	158	75.3	13.9	43.0
Japan, Fukui Prefecture	405	82.5	2.0	41.2	210	77.6	2.9	37.1
Japan, Hiroshima	590	93.2	4.9	31.0	269	92.2	5.9	29.4
Japan, Miyagi Prefecture	1034	80.2	5.4	34.9	544	73.5	9.4	41.4
Japan, Nagasaki Prefecture	680	89.1	3.7	34.4	352	81.0	8.0	45.5
Japan, Niigata Prefecture	895	73.2	12.2	50.6	457	63.0	18.2	55.8
*Japan, Osaka Prefecture	2662	80.8	9.5	49.4	1306	73.5	14.7	51.6
Japan, Saga Prefecture	325	80.9	7.1	42.2	187	73.8	5.3	51.3
Republic of Korea	10043	86.5	1.1	27.7	4708	82.0	1.8	27.7
Republic of Korea, Busan	800	80.4	1.0	28.2	429	76.7	2.6	26.1
Republic of Korea, Daegu	496	87.1	1.6	31.2	256	79.3	2.7	31.2
Republic of Korea, Daejeon	273	87.5	0.0	24.9	122	82.8	1.6	21.3
Republic of Korea, Gwangju	249	81.1	0.8	29.3	108	80.6	0.0	19.4
Republic of Korea, Incheon	455	88.6	0.4	28.4	207	85.0	1.0	31.9
Republic of Korea, Jejudo	109	90.8	0.0	22.9	38	78.9	0.0	34.2
Republic of Korea, Seoul	2288	89.0	1.3	25.4	1008	87.2	1.5	26.7
Republic of Korea, Ulsan	212	90.1	0.5	17.5	78	84.6	1.3	21.8

*Important. See note on population page.

Kidney etc. (C64-66, C68) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	101	85.1	0.0	34.7	48	83.3	2.1	39.6
*Kuwait: Kuwaitis	54	79.6	0.0		28	78.6	3.6	
*Kuwait: Non−Kuwaitis	47	91.5	0.0		20	90.0	0.0	
*Malaysia, Penang	86	95.3			50	96.0		
*Malaysia, Penang: Chinese	64	100.0			35	97.1		
*Malaysia, Penang: Indian	5	100.0			6	100.0		
*Malaysia, Penang: Malay	17	76.5			9	88.9		
*Philippines, Manila	402	72.9	10.4		228	72.4	11.0	
*Philippines, Rizal	341	89.1	5.0		209	82.3	7.7	
Qatar: Qatari	18	72.2	11.1	61.1	8	100.0	0.0	12.5
*Saudi Arabia, Riyadh: Saudi	189	92.1	1.1		128	93.8	0.8	
Singapore	632	87.5	1.3	35.4	332	82.5	1.2	37.3
Singapore: Chinese	523	88.5	1.1	32.9	278	83.1	1.1	36.7
Singapore: Indian	37	73.0	2.7	37.8	22	86.4	0.0	36.4
Singapore: Malay	54	83.3	1.9	55.6	27	74.1	0.0	37.0
Thailand, Bangkok	248	80.6	13.7	57.3	170	71.2	21.8	53.5
Thailand, Chiang Mai	92	72.8	5.4	73.9	45	77.8	2.2	62.2
Thailand, Chonburi	33	81.8	9.1	48.5	26	84.6	0.0	61.5
*Thailand, Khon Kaen	56	94.6	0.0		41	85.4	4.9	
Thailand, Lampang	71	78.9	5.6	36.6	29	79.3	6.9	41.4
*Thailand, Songkhla	43	79.1	2.3		26	73.1	3.8	
*Turkey, Antalya	187	95.2	1.1	36.9	92	91.3	0.0	27.2
*Turkey, Edirne	42	85.7	2.4		18	94.4	0.0	
*Turkey, Izmir	599	93.8	0.7		346	94.8	0.6	
*Turkey, Trabzon	43	93.0	2.3		21	76.2	0.0	
Europe								
Austria	4218	93.5	3.9	36.0	2864	90.7	5.7	41.3
Austria, Tyrol	286	95.1	0.3	39.2	224	90.2	1.3	46.9
Austria, Vorarlberg	158	90.5	3.8	36.7	101	88.1	3.0	35.6
*Belarus	4532	79.2			3250	82.0		
*Belgium	4111	96.4		37.7	2500	95.6		42.3
Bulgaria	2231	77.0	5.9	49.9	1167	78.0	7.2	44.8
Croatia	1997	74.8	3.4	48.1	1262	71.8	4.5	38.4
Cyprus	153	87.6	9.8	31.0	68	88.2	5.9	29.4
Czech Republic	9076	82.7	0.8	43.0	5494	78.6	0.9	43.4
Denmark	2141	90.5	0.3	50.7	1283	85.9	0.7	57.2
*Estonia	774	82.4		49.4	550	84.5		40.4
Finland	2239	90.0	1.6	45.3	1829	84.9	1.9	42.2
*France, Bas−Rhin	663	95.8		34.1	348	92.8		42.2
*France, Calvados	359	91.9		33.7	193	87.6		39.9
*France, Doubs	262	93.9		34.4	140	90.7		30.7
*France, Haut−Rhin	351	97.2		35.0	203	96.6		39.4
*France, Hérault	567	94.4		36.0	234	93.2		36.8
*France, Isère	529	92.1		32.7	267	84.6		32.2
*France, Loire−Atlantique	626	93.3		38.3	304	87.2		37.5
*France, Manche	222	91.0		53.2	111	85.6		64.9
*France, Somme	273	88.6		42.9	163	84.7		41.7
*France, Tarn	256	86.7		37.1	141	83.7		32.6
*France, Vendée	297	97.3		52.9	134	92.5		55.2
Germany, Brandenburg	2063	88.9	7.5	36.6	1309	83.2	12.6	37.5
Germany, Bremen	398	89.4	7.3	32.4	265	86.4	9.4	34.3
Germany, Free State of Saxony	3366	88.3	7.5	39.4	2322	83.3	10.5	40.6
Germany, Hamburg	865	93.6	3.1	47.7	549	91.6	4.2	49.4
Germany, Mecklenburg−Western Pomerania	1410	90.2	6.8	36.3	868	85.4	10.3	43.0
Germany, Munich	2198	91.3	6.7	41.3	1303	85.3	11.8	41.6
Germany, North Rhine−Westphalia	1424	90.4	4.3	49.7	861	87.6	5.0	53.8
Germany, Saarland	633	94.8	3.3	48.3	361	91.1	5.5	45.7
Germany, Schleswig−Holstein	1547	84.2	11.8	44.9	935	77.1	17.3	44.3
Iceland	153	93.5	0.0	46.4	95	93.7	0.0	42.1
Ireland	1308	76.4	1.4	44.5	794	75.8	1.6	40.6
Italy, Biella	109	87.2	0.0	43.1	78	71.8	1.3	37.2
Italy, Brescia	583	82.7	1.2	33.3	287	80.1	1.0	42.9
Italy, Catania and Messina	362	85.6	1.1	35.1	197	82.2	1.5	39.1
Italy, Catanzaro	80	82.5	0.0	33.8	36	80.6	0.0	50.0
Italy, Como	374	87.2	0.8	34.0	226	76.5	1.3	37.2
Italy, Ferrara	328	86.9	0.6	45.4	193	77.7	0.0	39.4
Italy, Florence and Prato	588	89.3	0.3	28.6	308	85.7	0.3	32.1
Italy, Friuli−Venezia Giulia	1005	87.1	0.0	31.2	580	77.1	0.0	32.2
Italy, Genoa	538	84.2	1.1	41.8	293	78.2	0.7	35.5
Italy, Latina	197	80.2	0.5	52.8	112	75.0	3.6	35.7
Italy, Lecco	245	80.4	0.0	30.6	134	74.6	0.0	28.4
Italy, Lombardy, South	355	80.8	0.8	33.8	171	77.2	0.0	35.7
Italy, Mantua	185	87.6	0.0	33.5	84	82.1	1.2	34.5
Italy, Milan	730	86.3	1.1	37.1	430	82.6	2.1	37.0
Italy, Modena	460	89.3	0.2	33.3	270	81.1	1.1	34.4
Italy, Naples	149	85.2	1.3	34.2	95	90.5	1.1	32.6
Italy, Nuoro	107	84.1	0.0	43.9	43	79.1	0.0	62.8
Italy, Palermo	336	72.9	2.7	36.9	192	77.1	1.0	38.5
Italy, Parma	294	89.8	0.3	44.6	174	81.6	0.0	32.8
Italy, Ragusa	98	78.6	0.0	56.1	50	82.0	0.0	45.0
Italy, Reggio Emilia	323	79.3	0.3	38.1	180	74.4	0.6	44.4
Italy, Romagna	991	83.9	0.4	33.2	526	76.8	2.3	29.1
Italy, Salerno	360	73.6	0.6	40.3	167	67.7	1.2	40.7
Italy, Sassari	234	75.2	1.3	36.8	93	75.3	4.3	58.1
Italy, Sondrio	145	90.3	0.0	24.8	67	83.6	1.5	43.3
Italy, South Tyrol	190	86.3	0.5	44.2	111	82.0	0.9	34.2

*Important. See note on population page.

Indices of data quality

Kidney etc. (C64-66, C68) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	120	90.0	0.8	40.0	53	83.0	0.0	52.8
Italy, Trapani	143	86.0	0.7	32.2	64	79.7	0.0	37.5
Italy, Trento	209	82.8	1.0	40.7	109	77.1	0.0	54.1
Italy, Turin	558	92.3	0.5	37.1	265	83.4	1.5	38.1
Italy, Umbria	656	91.0	0.2	35.1	329	89.1	0.6	30.1
Italy, Varese	632	86.6	0.2	37.5	291	81.8	1.4	43.3
Italy, Veneto	1351	89.0	0.4	32.4	762	81.0	0.7	32.4
Latvia	988	64.3	11.5	48.8	777	67.7	11.3	44.1
Lithuania	1991	76.7	5.2	44.7	1427	74.9	3.9	38.5
Malta	124	90.3	7.3	53.2	68	91.2	4.4	54.4
*Netherlands	6704	87.9		54.0	4152	85.0		54.2
*Netherlands, Eindhoven	438	90.6		52.1	274	86.5		52.2
Norway	2064	88.9	1.3	41.6	1255	84.2	1.4	41.7
Poland, Cracow	204	84.3	3.9	72.1	187	77.5	3.2	46.5
Poland, Kielce	486	83.7	1.2	52.7	306	82.0	2.6	48.0
Poland, Lower Silesia	1170	62.3	0.2	53.0	785	59.5	0.1	47.0
Poland, Podkarpackie	855	70.4	3.5	51.6	526	66.5	2.7	37.8
Portugal, Azores	60	81.7	6.7	47.2	43	74.4	2.3	46.5
Russian Federation, Saint Petersburg	1849	61.9	0.0	59.9	1664	61.7	0.0	52.6
*Serbia, Central	1576	80.5	4.8	50.3	1074	79.8	5.0	50.9
Slovakia	2650	82.8	8.5	42.8	1774	80.2	9.5	38.7
Slovenia	910	89.3	0.2	43.5	522	84.9	0.2	48.5
Spain, Albacete	139	83.5	3.6	38.1	45	77.8	2.2	33.3
Spain, Asturias	694	88.3	2.2	37.9	276	77.9	3.3	49.3
Spain, Basque Country	1237	82.6	1.2	35.9	579	76.2	3.3	33.7
Spain, Canary Islands	289	88.9	1.4	35.3	135	86.7	0.0	22.2
Spain, Ciudad Real	111	89.2	0.9	45.0	65	80.0	1.5	36.9
Spain, Cuenca	81	74.1	1.2	44.4	29	65.5	6.9	51.7
Spain, Girona	286	80.8	4.2	39.5	133	82.7	3.8	39.8
*Spain, Granada	250	86.4		36.8	127	81.1		37.0
Spain, La Rioja	161	82.0	0.6	37.9	60	70.0	1.7	48.3
Spain, Mallorca	298	90.9	1.3	40.8	135	88.1	2.2	33.3
Spain, Murcia	388	90.5	1.0	37.6	154	87.7	0.6	32.5
Spain, Navarra	276	87.3	0.7	39.1	145	83.4	2.1	45.5
Spain, Tarragona	292	81.2	1.4	36.6	141	73.8	1.4	36.9
*Sweden	3248	95.3		62.3	2226	93.6		68.4
Switzerland, Basel	171	99.4	0.6	46.8	95	93.7	5.3	47.4
Switzerland, Geneva	168	91.1	0.6	32.1	87	80.5	2.3	43.7
Switzerland, Graubünden and Glarus	99	93.9	1.0	49.5	56	85.7	0.0	48.2
Switzerland, Neuchâtel	81	95.1	0.0	25.9	41	75.6	2.4	58.5
Switzerland, St Gall−Appenzell	205	92.2	0.0	38.0	109	82.6	0.0	40.4
Switzerland, Ticino	178	91.6	2.8	36.0	83	88.0	6.0	50.6
Switzerland, Valais	102	89.2	0.0	44.1	67	80.6	1.5	41.8
Switzerland, Vaud	251	93.2	0.4	36.7	137	91.2	0.0	37.2
Switzerland, Zurich	476	89.3	0.8	40.5	247	83.4	2.0	49.8
Ukraine	14922	60.7	0.4		10045	64.4	0.4	
UK, England	19123	72.2	3.3	47.9	11728	68.7	3.8	48.3
UK, England, East of England Region	2067	71.4	1.8	50.3	1242	68.0	2.5	52.6
UK, England, North Western	2359	69.4	1.7	50.5	1493	66.7	2.0	49.8
UK, England, Northern and Yorkshire	2918	73.0	1.8	46.5	1966	68.9	1.3	44.8
UK, England, Oxford Region	939	80.2	2.1	46.1	546	76.6	2.7	47.4
UK, England, South and Western Regions	3248	71.6	2.5	43.9	1958	69.1	3.2	44.2
UK, England, Thames	3631	72.8	4.7	47.9	2134	68.9	4.8	50.9
UK, England, Trent	1308	70.1	2.4	46.6	774	64.5	3.2	46.6
UK, England, West Midlands	1880	73.9	9.1	52.7	1166	70.8	11.4	51.3
UK, Northern Ireland	591	78.5	0.8	50.4	393	73.3	1.0	45.0
UK, Scotland	2165	73.5	0.5	48.9	1476	65.9	0.5	51.8
UK, Wales	1378	72.4	4.4	45.4	851	70.4	4.3	45.1
Oceania								
Australian Capital Territory	124	88.7	0.8	25.8	60	95.0	0.0	45.0
Australia, New South Wales	2910	89.5	1.1	30.9	1730	83.9	2.2	37.0
Australia, Northern Territory	43	90.7	0.0	25.6	18	88.9	0.0	83.3
Australia, Northern Territory: Indigenous	4	50.0	0.0	0.0	4	75.0	0.0	100.0
Australia, Northern Territory: Non−Indigenous	39	94.9	0.0	28.2	14	92.9	0.0	78.6
Australia, Queensland	1740	83.4	1.3	30.5	987	80.4	1.3	34.7
South Australia	766	81.1	0.0	36.6	475	78.7	0.0	33.9
Australia, Tasmania	236	87.7	0.4	36.9	149	89.9	0.0	29.5
Australia, Victoria	2125	86.0	2.4	34.6	1222	82.9	3.4	36.4
Western Australia	799	91.1	0.0	28.4	433	90.1	0.2	37.4
New Zealand	1455	81.6	4.0	40.0	815	81.7	4.4	41.2
New Zealand: Maori	122	82.8	3.3	38.5	67	79.1	6.0	35.8
New Zealand: Pacific Islander	40	87.5	0.0	35.0	9	88.9	11.1	22.2
New Zealand: Other	1293	81.4	4.2	40.3	739	81.9	4.2	41.9
USA, Hawaii	562	94.1	0.5	21.7	302	95.7	1.0	23.8
*USA, Hawaii: Chinese	45	95.6	0.0		20	90.0	5.0	
*USA, Hawaii: Filipino	70	97.1	0.0		28	100.0	0.0	
*USA, Hawaii: Hawaiian	82	91.5	1.2		48	95.8	0.0	
*USA, Hawaii: Japanese	135	93.3	0.7		110	95.5	1.8	
*USA, Hawaii: White	173	94.8	0.6		70	94.3	0.0	

*Important. See note on population page.

Indices of data quality

Bladder (C67)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	203	96.6			58	100.0		
Egypt, Gharbiah	1166	94.6	3.8	37.9	316	92.7	4.1	42.7
*Libya, Benghazi	174	92.5	5.7	27.6	26	84.6	0.0	38.5
*Malawi, Blantyre	139	27.3			98	33.7		
*South Africa, PROMEC	12	8.3			5	60.0		
†*Tunisia, North	838	98.6			101	95.0		*
*Uganda, Kyadondo County	31	48.4	0.0		25	40.0	0.0	
*Zimbabwe, Harare: African	75	62.7	10.7		51	56.9	9.8	
America, Central and South								
Argentina, Bahía Blanca	159	93.7	5.7	45.3	44	90.9	9.1	34.1
Argentina, Córdoba	393	88.5	10.9	34.4	124	88.7	9.7	32.3
Argentina, Mendoza	641	90.8	8.4	37.0	189	89.9	9.5	34.4
*Argentina, Tierra del Fuego	18	88.9	0.0	44.4	7	85.7	14.3	28.6
Brazil, Aracaju	59	88.1	5.1	28.8	29	96.6	3.4	20.7
Brazil, Belo Horizonte	266	95.1	4.1	30.1	115	90.4	8.7	47.8
Brazil, Cuiabá	64	90.6	9.4	23.4	20	80.0	10.0	40.0
Brazil, Fortaleza	117	94.0	5.1	34.2	74	86.5	13.5	43.2
Brazil, Goiânia	286	97.2	1.4	26.2	145	93.8	4.1	26.2
*Brazil, São Paulo	3065	84.1	5.8	29.4	1355	80.6	6.4	29.4
Chile, Region of Antofagasta	197	80.2	13.2	67.0	126	79.4	10.3	55.6
Chile, Bío Bío Province	30	80.0	0.0	43.3	16	56.2	6.2	56.2
Chile, Valdivia	40	85.0	2.5	47.5	26	80.8	7.7	46.2
Colombia, Bucaramanga	81	92.6	4.9	58.0	37	86.5	5.4	56.8
Colombia, Cali	293	90.8	1.7	27.3	130	85.4	1.5	43.1
Colombia, Manizales	50	96.0	2.0	34.0	14	64.3	21.4	85.7
Colombia, Pasto	27	92.6	3.7	25.9	14	92.9	0.0	35.7
Costa Rica	439	78.8	4.3	46.7	134	70.1	8.2	45.5
Cuba, Villa Clara	235	86.8	3.0	49.8	74	79.7	9.5	70.3
Ecuador, Cuenca	32	81.2	0.0	25.0	16	87.5	6.2	12.5
Ecuador, Quito	156	92.9	3.8	26.3	78	88.5	10.3	26.9
†*France, Martinique	62	100.0		53.2	29	86.2		72.4*
*Jamaica, Kingston and St Andrew	58	89.7			25	84.0		
USA, Puerto Rico	978	96.2	2.9	32.1	368	92.7	5.4	48.9
Uruguay	1093	85.9	10.8	41.7	333	84.1	12.6	39.3
America, North								
† Canada	19026	88.8	0.7	29.3	6731	84.8	2.1	36.7*
† Canada, Alberta	1019	95.9	0.2	43.0	331	88.8	2.1	53.2*
† Canada, British Columbia	1648	93.6	1.5	52.5	530	89.1	3.8	61.7*
† Canada, Manitoba	451	93.3	0.7	53.4	165	85.5	3.0	46.1*
† Canada, New Brunswick	678	98.5	0.1	20.9	244	95.1	0.0	18.9*
Canada, Newfoundland and Labrador	249	99.6	0.0	43.0	95	96.8	1.1	35.8
*Canada, Northwest Territories	5	100.0	0.0	100.0	3	100.0	0.0	0.0
† Canada, Nova Scotia	512	92.2	0.2	40.0	171	90.6	1.2	45.6*
Canada, Ontario	6722	81.2	0.8	32.4	2407	78.0	2.3	43.7
Canada, Prince Edward Island	64	98.4	0.0	40.6	24	91.7	0.0	50.0
†*Canada, Quebec	7232	91.5	0.6	19.2	2613	87.7	1.8	26.6*
† Canada, Saskatchewan	440	94.3	0.9	46.8	145	89.0	3.4	51.0*
*Canada, Yukon	6	100.0	0.0	133.3	3	100.0	0.0	33.3
USA, NPCR (42 states)	108620	96.6	1.3	37.6	38703	95.4	1.7	46.4
USA, NPCR (42 states): American Indian	271	92.3	1.1	32.8	111	94.6	3.6	43.2
USA, NPCR (42 states): Asian and Pacific Islander	1176	97.2	0.7	32.0	425	94.6	1.4	43.8
USA, NPCR (42 states): Black	5631	95.3	1.8	42.9	3442	94.8	2.4	57.5
USA, NPCR (42 states): White	100115	96.7	1.2	37.9	34260	95.4	1.6	46.0
USA, SEER (9 registries)	9967	97.0	0.9	39.2	3534	94.8	1.7	48.5
*USA, SEER (9 registries): Black	534	97.9	0.2		328	95.4	2.1	
*USA, SEER (9 registries): White	8874	97.0	0.9		3004	94.8	1.7	
USA, SEER (18 registries)	29327	96.9	0.7	36.7	10299	95.4	1.4	46.6
*USA, SEER (18 registries): Asian and Pacific Islander	1061	96.6	1.0		357	94.7	0.8	
*USA, SEER (18 registries): Black	1587	96.9	0.5		976	95.0	1.6	
*USA, SEER (18 registries): Hispanic White	1626	96.4	1.1		597	95.6	1.0	
*USA, SEER (18 registries): Non−Hispanic White	24729	97.0	0.7		8250	95.4	1.5	
*USA, SEER (18 registries): White	26355	97.0	0.7		8847	95.4	1.4	
USA, Alabama	1862	98.9	0.3	34.0	610	97.2	1.6	46.7
USA, Alabama: Black	200	99.0	0.5	45.0	118	96.6	2.5	58.5
USA, Alabama: White	1650	98.8	0.3	32.8	489	97.3	1.4	44.2
USA, Alaska	194	97.4	0.0	32.5	51	98.0	0.0	29.4
*USA, Alaska: American Indian	16	87.5	0.0	31.2	6	100.0	0.0	33.3
USA, Arizona	2228	94.5	2.0	40.3	709	93.4	2.8	47.8
USA, Arizona: American Indian	14	92.9	0.0	35.7	2	100.0	0.0	50.0
USA, Arizona: Asian and Pacific Islander	5	100.0	0.0	60.0	5	100.0	0.0	40.0
USA, Arizona: Black	17	82.4	11.8	52.9	21	85.7	0.0	19.0
USA, Arizona: White	2169	94.5	1.9	40.6	673	93.5	3.0	49.3
USA, Arkansas	1164	98.8	0.3	34.5	422	97.9	0.5	50.2
USA, Arkansas: Black	54	96.3	1.9	44.4	34	100.0	0.0	85.3
USA, Arkansas: White	1105	98.9	0.3	34.0	382	97.6	0.5	47.9
USA, California	11537	96.4	0.7	40.3	3847	95.4	0.9	52.2
USA, California: American Indian	23	91.3	0.0	39.1	12	91.7	8.3	25.0
USA, California: Asian and Pacific Islander	631	97.0	0.6	33.9	218	94.5	0.5	42.7
USA, California: Black	456	96.5	0.7	45.8	264	95.8	0.8	67.0
USA, California: White	10281	96.4	0.7	41.0	3309	95.4	0.9	52.4
USA, California, Los Angeles County	2681	97.1	0.6	40.5	938	96.3	0.7	54.2
*USA, California, Los Angeles County: Asian and Pacific Islander	279	97.5	0.4		70	94.3	1.4	
*USA, California, Los Angeles County: Black	188	95.7	1.1		133	95.5	1.5	
*USA, California, Los Angeles County: Chinese	74	97.3	0.0		24	95.8	0.0	
*USA, California, Los Angeles County: Filipino	50	94.0	2.0		18	94.4	5.6	
*USA, California, Los Angeles County: Hispanic White	382	98.4	0.5		156	98.1	0.0	

Care should be exercised when comparing incidence data for bladder cancers: for some registries the ICD10 code C67 may include neoplasms in-situ and of uncertain or unknown behaviour together with invasive cancers.

†*Important. See note on population page.

Indices of data quality

Bladder (C67) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	57	96.5	0.0		10	90.0	0.0	
*USA, California, Los Angeles County: Korean	64	100.0	0.0		8	100.0	0.0	
*USA, California, Los Angeles County: Non−Hispanic White	1809	96.9	0.6		565	96.1	0.7	
*USA, California, Los Angeles County: White	2191	97.2	0.6		721	96.5	0.6	
USA, California, San Francisco Bay Area	1441	96.7	0.4	40.0	522	96.2	0.8	51.9
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	150	95.3	0.7		57	94.7	0.0	
*USA, California, San Francisco Bay Area: Black	91	98.9	0.0		49	100.0	0.0	
*USA, California, San Francisco Bay Area: Hispanic White	88	97.7	0.0		32	96.9	0.0	
*USA, California, San Francisco Bay Area: Non−Hispanic White	1096	96.7	0.5		379	95.8	1.1	
*USA, California, San Francisco Bay Area: White	1184	96.8	0.4		411	95.9	1.0	
USA, Colorado	1457	96.2	2.2	38.3	478	94.8	2.7	45.2
USA, Colorado: Asian and Pacific Islander	6	100.0	0.0	33.3	4	100.0	0.0	25.0
USA, Colorado: Black	25	96.0	0.0	32.0	11	100.0	0.0	18.2
USA, Colorado: White	1401	96.1	2.3	39.1	456	94.5	2.9	46.3
USA, Connecticut	1646	98.2	1.0	40.3	672	96.6	1.9	48.1
*USA, Connecticut: Black	52	98.1	0.0		34	97.1	2.9	
*USA, Connecticut: White	1576	98.2	1.0		630	96.7	1.9	
USA, Delaware	376	97.9	1.9	48.4	126	95.2	3.2	53.2
USA, Delaware: Black	31	90.3	9.7	64.5	10	100.0	0.0	60.0
USA, Delaware: White	338	98.5	1.2	47.6	113	94.7	3.5	54.0
USA, Florida	10076	96.7	2.0	37.5	3410	96.8	1.9	43.6
USA, Florida: Asian and Pacific Islander	20	100.0	0.0	30.0	12	100.0	0.0	50.0
USA, Florida: Black	392	95.4	2.6	44.1	238	95.0	4.2	58.8
USA, Florida: White	9501	96.7	2.0	37.8	3105	96.9	1.7	43.2
USA, Georgia	2617	96.9	1.5	36.9	942	94.7	2.5	45.3
USA, Georgia: Asian and Pacific Islander	23	95.7	4.3	26.1	4	100.0	0.0	50.0
USA, Georgia: Black	357	95.8	0.6	45.4	211	94.3	2.8	58.8
USA, Georgia: White	2227	97.0	1.6	35.8	724	94.8	2.5	41.4
USA, Georgia, Atlanta	667	98.1	1.0	34.6	257	94.9	1.2	46.3
*USA, Georgia, Atlanta: Black	114	98.2	0.0		83	96.4	2.4	
*USA, Georgia, Atlanta: White	537	98.1	1.1		170	94.1	0.6	
USA, Idaho	458	93.9	2.4	47.4	152	92.8	3.9	46.7
USA, Illinois	5500	97.2	1.3	34.6	2070	96.3	1.7	45.4
USA, Illinois: Asian and Pacific Islander	38	97.4	0.0	26.3	22	100.0	0.0	54.5
USA, Illinois: Black	393	97.5	1.8	32.8	229	93.9	4.8	55.9
USA, Illinois: White	4980	97.1	1.3	35.4	1790	96.5	1.4	44.7
USA, Indiana	2626	96.2	1.9	36.9	922	96.0	1.5	49.3
USA, Indiana: Black	85	98.8	0.0	42.4	51	92.2	3.9	58.8
USA, Indiana: White	2468	96.2	2.1	37.7	857	96.6	1.4	49.5
USA, Iowa	1307	95.6	1.2	42.3	436	92.2	1.8	54.1
USA, Kentucky	1617	96.8	0.6	40.9	574	95.1	2.1	54.2
USA, Louisiana	1261	97.5	0.2	36.2	463	96.5	0.9	50.3
*USA, Louisiana: Black	196	98.0	0.5		123	97.6	0.8	
*USA, Louisiana: White	1060	97.5	0.2		337	96.1	0.9	
*USA, Louisiana, New Orleans	219	96.8	1.4		105	96.2	2.9	
*USA, Louisiana, New Orleans: Black	59	98.3	1.7		30	96.7	3.3	
*USA, Louisiana, New Orleans: White	160	96.2	1.2		74	95.9	2.7	
USA, Maine	828	97.2	1.1	38.5	279	92.8	1.8	54.1
USA, Massachusetts	2838	96.4	1.6	43.9	1183	95.7	1.4	46.3
USA, Massachusetts: Asian and Pacific Islander	14	92.9	0.0	28.6	8	87.5	0.0	25.0
USA, Massachusetts: Black	51	96.1	2.0	56.9	29	89.7	6.9	72.4
USA, Massachusetts: White	2749	96.4	1.6	44.1	1139	95.9	1.2	46.1
USA, Michigan	4678	95.7	1.1	36.8	1639	94.8	1.0	43.1
USA, Michigan: Asian and Pacific Islander	10	100.0	0.0	20.0	2	100.0	0.0	50.0
USA, Michigan: Black	302	96.4	0.7	36.4	171	92.4	0.0	54.4
USA, Michigan: White	4267	95.6	1.1	37.6	1420	95.0	1.2	42.9
USA, Michigan, Detroit	1708	98.4	0.4	34.6	641	95.9	1.9	42.0
*USA, Michigan, Detroit: Black	224	98.2	0.4		137	94.2	2.9	
*USA, Michigan, Detroit: White	1444	98.4	0.3		487	96.3	1.6	
USA, Mississippi	1020	95.6	2.8	35.1	364	95.3	2.7	40.7
USA, Missouri	2489	96.0	1.3	39.3	848	94.6	1.7	45.0
USA, Missouri: Black	119	95.8	1.7	51.3	61	96.7	1.6	57.4
USA, Missouri: White	2342	96.0	1.3	38.9	779	94.6	1.5	44.0
USA, Montana	447	96.9	1.3	39.4	127	92.9	3.9	53.5
USA, Montana: American Indian	14	100.0	0.0	28.6	3	66.7	0.0	33.3
USA, Nebraska	727	97.5	1.0	35.8	266	95.5	1.1	47.0
USA, Nebraska: Black	11	90.9	0.0	36.4	13	100.0	0.0	46.2
USA, Nebraska: White	708	97.6	1.0	36.2	249	95.2	1.2	47.8
USA, New Hampshire	647	96.8	0.5	36.0	241	95.9	0.8	39.0
USA, New Jersey	4452	98.6	0.3	34.8	1725	96.8	1.2	43.3
*USA, New Jersey: Black	201	99.0	0.5		151	94.7	1.3	
*USA, New Jersey: White	4111	98.6	0.3		1529	96.9	1.2	
USA, New Mexico	581	94.0	2.8	39.2	223	91.5	3.6	48.0
*USA, New Mexico: Hispanic White	133	91.7	5.3		60	86.7	5.0	
*USA, New Mexico: Non−Hispanic White	427	94.6	1.9		153	93.5	3.3	
*USA, New Mexico: White	560	93.9	2.7		213	91.5	3.8	
USA, New York State	9617	97.5	0.4	31.7	3789	96.4	0.7	39.1
USA, New York State: Asian and Pacific Islander	169	98.8	0.0	24.3	52	92.3	1.9	32.7
USA, New York State: Black	588	96.3	0.5	34.9	360	96.9	0.8	45.3
USA, New York State: White	8742	97.5	0.4	32.1	3335	96.3	0.6	39.0
USA, North Carolina	3444	98.0	1.0	33.9	1255	95.5	2.2	46.8
USA, North Carolina: American Indian	8	100.0	0.0	100.0	6	100.0	0.0	50.0
USA, North Carolina: Asian and Pacific Islander	12	100.0	0.0	33.3	3	100.0	0.0	0.0
USA, North Carolina: Black	330	96.7	1.8	40.9	211	94.3	2.4	59.7
USA, North Carolina: White	3076	98.1	0.9	33.1	1027	95.8	2.0	44.6
USA, North Dakota	308	96.1	0.3	42.2	107	96.3	0.0	43.0
USA, Ohio	5155	97.3	1.2	43.2	1829	97.2	0.9	51.3
USA, Ohio: Asian and Pacific Islander	14	100.0	0.0	21.4	1	100.0	0.0	200.0
USA, Ohio: Black	254	92.9	2.8	55.9	149	96.6	1.3	65.8
USA, Ohio: White	4773	97.5	1.1	43.6	1643	97.2	0.9	51.0

Care should be exercised when comparing incidence data for bladder cancers: for some registries the ICD10 code C67 may include neoplasms in-situ and of uncertain or unknown behaviour together with invasive cancers.

*Important. See note on population page.

Bladder (C67) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	1795	95.7	1.4	30.4	614	95.3	2.0	39.3
USA, Oklahoma: American Indian	94	93.6	0.0	25.5	34	94.1	5.9	23.5
USA, Oklahoma: Black	48	91.7	0.0	47.9	29	93.1	3.4	44.8
USA, Oklahoma: White	1624	96.1	1.4	30.5	542	95.4	1.7	40.4
USA, Oregon	1467	94.1	2.6	45.8	506	92.5	1.8	54.9
USA, Oregon: Asian and Pacific Islander	4	100.0	0.0	100.0	5	100.0	0.0	20.0
USA, Oregon: Black	6	83.3	0.0	50.0	4	100.0	0.0	75.0
USA, Oregon: White	1432	94.1	2.6	46.4	486	92.4	1.6	56.2
USA, Pennsylvania	6923	97.0	1.3	36.8	2588	95.6	1.8	45.8
USA, Pennsylvania: Asian and Pacific Islander	24	100.0	0.0	25.0	5	80.0	20.0	40.0
USA, Pennsylvania: Black	279	94.3	1.1	41.9	200	93.5	3.5	59.0
USA, Pennsylvania: White	6553	97.2	1.3	37.0	2359	95.8	1.6	45.2
USA, Rhode Island	611	97.4	1.0	39.1	215	96.7	1.4	46.0
USA, Rhode Island: Black	11	100.0	0.0	27.3	6	83.3	16.7	50.0
USA, Rhode Island: White	589	97.3	1.0	39.7	208	97.1	1.0	45.7
USA, South Carolina	1453	95.4	1.6	39.7	562	90.9	3.9	47.5
USA, South Carolina: Black	154	92.9	2.6	42.2	126	90.5	5.6	62.7
USA, South Carolina: White	1284	95.7	1.5	39.7	432	91.0	3.5	43.5
USA, South Dakota	331	95.5	1.5	47.7	101	90.1	3.0	40.6
USA, Tennessee	2407	94.3	2.6	36.1	779	96.0	2.1	51.0
USA, Tennessee: Black	162	90.7	6.8	48.8	98	95.9	2.0	52.0
USA, Tennessee: White	2228	94.7	2.3	35.4	674	96.0	2.1	51.3
USA, Texas	7042	96.5	1.2	35.1	2431	93.2	2.6	45.6
USA, Texas: Asian and Pacific Islander	44	100.0	0.0	22.7	25	92.0	4.0	52.0
USA, Texas: Black	384	94.3	2.3	44.8	242	94.6	2.5	62.4
USA, Texas: White	6491	96.7	1.1	35.3	2120	93.1	2.5	44.5
USA, Utah	577	97.6	0.5	42.5	139	99.3	0.7	42.4
USA, Vermont	313	96.5	0.6	43.8	126	91.3	1.6	40.5
USA, Virginia	2574	97.3	1.5	40.7	930	96.6	2.3	49.1
USA, Virginia: Asian and Pacific Islander	22	100.0	0.0	40.9	5	100.0	0.0	80.0
USA, Virginia: Black	299	95.3	4.3	43.8	166	96.4	2.4	54.8
USA, Virginia: White	2226	97.6	1.2	40.8	750	96.7	2.1	48.3
USA, Washington State	2454	95.8	1.2	41.4	787	91.7	2.2	53.0
USA, Washington, Seattle	1671	96.2	0.7	40.8	519	92.1	1.7	52.2
USA, West Virginia	1067	98.1	0.5	31.9	402	95.3	1.7	45.0
USA, Wisconsin	2614	96.6	2.3	38.0	1001	94.9	3.7	48.2
USA, Wisconsin: Black	29	96.6	0.0	44.8	23	91.3	4.3	47.8
USA, Wisconsin: White	2538	96.6	2.3	38.4	955	94.9	3.8	49.0
USA, Wyoming	281	99.3	0.0	25.6	82	97.6	0.0	39.0
Asia								
Bahrain: Bahraini	77	94.8	0.0	36.4	19	94.7	5.3	47.4
China, Beijing City	2508	91.9	0.1	36.9	912	89.5	0.3	34.2
*China, Cixian County	32	71.9	0.0	65.6	7	85.7	0.0	71.4
China, Haining County	93	87.1	0.0	35.5	17	70.6	0.0	58.8
*China, Harbin City, Nangang District	193	72.5	0.0	37.8	84	66.7	2.4	31.0
China, Hong Kong	2014	97.8	0.5	33.3	626	95.7	0.3	38.5
China, Jiashan County	95	93.7	0.0	48.4	23	82.6	0.0	47.8
China, Jiaxing City	72	81.9	1.4	59.7	21	76.2	0.0	38.1
China, Macao	113	91.2	0.9	22.1	37	94.6	0.0	27.0
China, Qidong County	237	78.9	0.0	55.7	69	68.1	1.4	50.7
*China, Shanghai City	2435	79.6	0.2	40.7	810	75.6	0.4	44.2
*China, Wuhan City	1109	95.4		35.8	267	94.0		40.8
*China, Yangcheng County	24	95.8		16.7	7	100.0		71.4
*China, Yanting County	41	90.2	0.0	70.7	13	100.0	0.0	53.8
*China, Zhongshan City	200	86.0		53.0	53	79.2		50.9
*India, Bangalore	230	89.1	6.5		60	93.3	6.7	
*India; Barshi, Paranda, and Bhum	15	86.7			2	50.0		
*India, Bhopal	42	88.1	0.0		10	70.0	0.0	
*India, Chennai	301	78.4	2.0		76	75.0	0.0	
*India, Dindigul, Ambilikkai	51	78.4	2.0		15	86.7	0.0	
*India, Karunagappally	32	87.5	0.0		3	33.3	0.0	
*India, Mizoram	24	95.8	0.0		15	86.7	0.0	
*India, Mumbai	883	86.0	6.1		246	85.0	8.5	
*India, New Delhi	1488	71.6	0.5		338	70.4	0.0	
*India, Poona	237	89.5	7.2		50	86.0	12.0	
*India, Sikkim State	15	66.7	0.0		10	50.0	0.0	
*India, Trivandrum	63	87.3	0.0		13	69.2	0.0	
*Iran (Islamic Republic of), Golestan Province	133	82.0	0.8	5.3	48	64.6	4.2	20.8
Israel	5033	97.4	1.1	19.8	1167	94.3	3.7	31.6
*Israel: Jews	4629	97.4	1.0		1118	94.4	3.7	
*Israel: Non–Jews	404	97.5	1.5		49	93.9	4.1	
Japan, Aichi Prefecture	587	94.4	4.1	25.9	166	81.3	14.5	33.1
Japan, Fukui Prefecture	562	89.1	2.0	30.6	152	78.3	4.6	50.7
Japan, Hiroshima	891	97.2	2.6	18.7	255	92.9	6.7	31.0
Japan, Miyagi Prefecture	1048	84.4	7.3	38.8	369	77.8	13.8	48.8
Japan, Nagasaki Prefecture	901	93.8	2.7	35.0	310	87.7	6.8	46.5
† Japan, Niigata Prefecture	1205	85.6	10.2	38.3	404	71.0	17.3	56.9*
*Japan, Osaka Prefecture	3292	85.2	8.9	38.0	1047	76.4	16.9	47.6
Japan, Saga Prefecture	368	86.1	7.1	41.3	150	78.0	8.7	56.0
Republic of Korea	11962	92.9	1.3	28.6	3000	84.9	4.4	38.2
Republic of Korea, Busan	1016	91.8	1.3	30.3	251	81.7	4.0	47.0
Republic of Korea, Daegu	534	93.1	1.7	29.0	141	87.2	5.0	44.7
Republic of Korea, Daejeon	282	95.4	0.7	27.0	64	81.2	1.6	40.6
Republic of Korea, Gwangju	328	86.3	0.6	34.5	81	75.3	9.9	37.0
Republic of Korea, Incheon	555	94.6	0.2	28.3	113	83.2	0.0	38.1
Republic of Korea, Jejudo	102	93.1	0.0	25.5	29	79.3	0.0	31.0
Republic of Korea, Seoul	2446	96.0	1.1	23.8	616	91.7	3.2	32.3
Republic of Korea, Ulsan	212	95.8	0.9	20.8	52	80.8	5.8	42.3

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†*Important. See note on population page.

Indices of data quality

Bladder (C67) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	224	97.3	0.0	30.4	60	96.7	3.3	63.3
*Kuwait: Kuwaitis	85	96.5	0.0		33	93.9	6.1	
*Kuwait: Non−Kuwaitis	139	97.8	0.0		27	100.0	0.0	
*Malaysia, Penang	157	92.4			45	93.3		
*Malaysia, Penang: Chinese	91	96.7			33	97.0		
*Malaysia, Penang: Indian	14	100.0			3	100.0		
*Malaysia, Penang: Malay	51	82.4			9	77.8		
*Philippines, Manila	313	85.0	2.9		134	73.9	3.7	
*Philippines, Rizal	308	89.3	1.9		150	84.7	4.0	
Qatar: Qatari	19	100.0	0.0	31.6	4	100.0	0.0	75.0
*Saudi Arabia, Riyadh: Saudi	198	97.5	1.0		46	100.0	0.0	
† Singapore	637	98.1	0.3	26.5	206	98.1	0.0	34.5*
† Singapore: Chinese	516	98.3	0.2	26.2	180	97.8	0.0	35.0*
† Singapore: Indian	39	97.4	0.0	20.5	11	100.0	0.0	18.2*
† Singapore: Malay	60	96.7	1.7	21.7	13	100.0	0.0	23.1*
Thailand, Bangkok	617	83.5	9.4	37.9	255	86.7	5.5	31.4
Thailand, Chiang Mai	236	91.5	1.3	61.0	115	92.2	0.0	60.0
Thailand, Chonburi	147	84.4	1.4	51.7	27	81.5	0.0	74.1
*Thailand, Khon Kaen	127	92.1	0.0		44	81.8	0.0	
Thailand, Lampang	138	97.8	0.0	23.9	57	94.7	1.8	28.1
*Thailand, Songkhla	123	88.6	1.6		20	85.0	5.0	
*Turkey, Antalya	675	95.7	0.4	23.6	120	92.5	0.8	30.0
*Turkey, Edirne	182	91.8	1.6		20	85.0	5.0	
*Turkey, Izmir	2414	96.1	0.5		349	95.1	1.4	
*Turkey, Trabzon	281	97.2	0.0		27	100.0	0.0	
Europe								
Austria	6236	96.4	2.1	26.7	2259	93.6	4.2	36.4
Austria, Tyrol	279	97.5	1.1	37.6	113	92.0	4.4	54.9
Austria, Vorarlberg	154	97.4	0.0	31.2	57	93.0	7.0	57.9
*Belarus	4373	97.4		47.2	1017	97.1		34.9
†*Belgium	6282	99.7		39.0	1579	99.2		51.8*
Bulgaria	5231	90.1	4.2	36.1	1384	89.5	4.7	38.6
Croatia	3338	84.1	2.3	36.0	1123	78.6	4.3	36.9
Cyprus	537	95.5	3.5	21.9	101	92.1	7.9	24.8
Czech Republic	8094	96.7	0.3	32.6	2963	95.1	0.6	34.5
† Denmark	6404	98.0	0.1	30.1	2222	96.9	0.1	39.5*
*Estonia	757	96.7		43.7	257	96.1		50.2
† Finland	3023	98.5	0.2	27.3	926	94.5	0.5	36.3*
*France, Bas−Rhin	591	99.0		41.3	142	96.5		45.8
*France, Calvados	495	97.4		31.9	129	96.9		49.6
*France, Doubs	342	99.4		43.6	78	100.0		44.9
†*France, Haut−Rhin	478	99.4		40.0	91	98.9		71.4*
†*France, Hérault	737	98.8		46.4	151	96.7		62.9*
*France, Isère	714	98.5		45.1	170	97.6		57.6
*France, Loire−Atlantique	570	98.1		40.4	161	98.1		57.8
†*France, Manche	294	98.6		43.5	86	95.3		62.8*
*France, Somme	362	98.3		50.0	92	93.5		62.0
†*France, Tarn	340	98.2		37.9	74	90.5		64.9*
†*France, Vendée	331	99.7		45.6	77	96.1		75.3*
† Germany, Brandenburg	2164	93.7	5.6	35.0	808	88.2	11.0	51.5*
† Germany, Bremen	471	94.7	5.1	34.8	217	87.6	7.4	51.2*
† Germany, Free State of Saxony	3532	90.6	8.4	35.2	1398	85.7	12.4	49.5*
† Germany, Hamburg	1386	91.8	3.4	32.5	567	88.2	5.8	45.3*
† Germany, Mecklenburg−Western Pomerania	1111	92.2	7.1	41.4	415	86.3	12.3	53.5*
† Germany, Munich	2012	89.5	7.1	33.2	794	81.5	15.2	43.7*
Germany, North Rhine−Westphalia	1733	95.7	2.1	34.7	685	90.9	5.4	47.9
† Germany, Saarland	715	96.8	2.1	30.5	275	92.0	5.8	40.4*
† Germany, Schleswig−Holstein	2046	88.3	9.6	31.7	827	81.0	14.9	42.3*
Iceland	222	99.5	0.0	24.8	66	98.5	0.0	22.7
† Ireland	1648	93.0	0.8	33.7	707	92.2	0.8	39.3*
† Italy, Biella	276	97.5	0.4	29.0	68	94.1	0.0	52.9*
Italy, Brescia	1000	90.1	0.4	22.7	253	87.4	1.6	34.8
† Italy, Catania and Messina	1008	94.3	1.8	38.6	175	92.0	1.7	44.6*
† Italy, Catanzaro	219	87.2	0.9	49.8	33	72.7	0.0	48.5*
Italy, Como	637	97.0	0.6	33.6	152	94.1	1.3	44.1
† Italy, Ferrara	490	91.0	0.8	36.7	134	85.8	0.7	36.6*
† Italy, Florence and Prato	728	92.4	0.4	45.7	178	86.0	0.6	46.1*
† Italy, Friuli−Venezia Giulia	1115	94.9	0.3	43.6	318	91.5	0.9	57.5*
† Italy, Genoa	988	92.8	0.6	36.6	264	87.1	2.3	43.9*
† Italy, Latina	547	84.3	0.4	40.8	107	75.7	1.9	41.1*
Italy, Lecco	506	92.3	0.0	23.1	111	73.9	0.9	41.4
Italy, Lombardy, South	770	79.5	0.1	25.5	183	74.3	0.0	27.9
Italy, Mantua	345	90.7	0.0	22.3	97	83.5	2.1	21.6
† Italy, Milan	1107	93.5	0.5	36.0	378	86.5	2.4	48.9*
Italy, Modena	1070	98.5	0.0	21.9	282	95.7	0.0	29.4
† Italy, Naples	442	95.5	0.5	47.1	69	89.9	1.4	52.2*
Italy, Nuoro	127	94.5	2.4	60.6	18	77.8	0.0	105.6
† Italy, Palermo	1057	84.9	0.9	32.3	183	80.3	2.7	45.9*
† Italy, Parma	391	93.9	0.0	45.8	113	87.6	0.0	46.9*
† Italy, Ragusa	220	87.7	2.3	54.0	36	80.6	0.0	41.7*
Italy, Reggio Emilia	453	90.5	0.0	43.3	124	89.5	0.8	46.8
† Italy, Romagna	1308	87.0	0.7	41.2	302	78.5	2.6	43.7*
Italy, Salerno	1443	87.5	0.4	33.7	259	85.7	2.7	36.3
† Italy, Sassari	482	91.1	1.7	34.9	113	87.6	4.4	38.1*
† Italy, Sondrio	122	95.1	0.0	50.8	43	83.7	2.3	58.1*
† Italy, South Tyrol	262	93.1	3.1	44.3	81	93.8	1.2	63.0*

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†*Important. See note on population page.

Indices of data quality

Bladder (C67) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	321	94.7	0.6	56.4	42	90.5	2.4	59.5
† Italy, Trapani	323	95.4	0.3	42.1	51	84.3	0.0	62.7*
† Italy, Trento	209	93.8	1.9	73.7	64	75.0	4.7	93.8*
† Italy, Turin	1014	95.9	0.6	42.7	249	86.3	4.0	53.4*
Italy, Umbria	1253	98.6	0.0	32.2	310	96.5	0.0	35.5
Italy, Varese	1093	91.9	0.1	28.3	252	84.9	0.4	38.1
Italy, Veneto	2690	97.3	0.3	21.8	711	93.2	0.3	25.9
Latvia	1039	83.3	5.6	48.3	381	75.9	9.4	45.4
Lithuania	1640	84.3	4.2	51.6	549	75.2	5.6	50.3
† Malta	217	98.2	1.4	49.8	73	93.2	5.5	53.4*
*Netherlands	9745	98.9		41.0	3108	97.6		55.3
*Netherlands, Eindhoven	561	99.3		35.1	178	96.1		59.0
† Norway	1949	95.7	0.8	62.5	769	89.9	2.0	76.1*
Poland, Cracow	444	89.2	4.7	61.5	125	90.4	3.2	51.2
Poland, Kielce	911	90.3	1.6	45.9	210	87.1	1.9	41.0
Poland, Lower Silesia	1988	73.2	0.3	44.7	642	70.1	0.0	40.3
Poland, Podkarpackie	1386	84.0	2.4	38.8	309	76.7	2.9	32.7
Portugal, Azores	174	93.7	4.0	37.4	38	86.8	5.3	52.6
Russian Federation, Saint Petersburg	1745	75.1	0.1	55.4	728	68.4	0.0	59.8
*Serbia, Central	3995	85.0	2.9	40.1	1342	84.1	3.6	36.2
Slovakia	2764	91.9	5.4	34.8	894	89.3	7.2	38.3
Slovenia	921	95.5	0.8	55.7	322	92.9	0.6	64.3
† Spain, Albacete	478	95.2	1.5	31.0	80	91.2	3.8	45.0*
† Spain, Asturias	1406	96.2	1.0	38.1	292	89.7	6.5	46.6*
† Spain, Basque Country	2449	93.5	1.7	39.3	466	85.8	3.6	49.4*
† Spain, Canary Islands	821	93.7	1.5	46.4	143	90.9	2.8	52.4*
Spain, Ciudad Real	604	96.4	0.3	32.5	88	87.5	4.5	35.2
Spain, Cuenca	285	92.3	2.5	35.1	38	86.8	2.6	47.4
† Spain, Girona	676	90.4	1.6	40.2	131	80.9	5.3	47.3*
*Spain, Granada	1033	96.2		29.5	155	93.5		43.9
† Spain, La Rioja	305	91.1	1.6	53.8	58	79.3	5.2	51.7*
† Spain, Mallorca	919	94.8	1.0	39.5	154	90.3	3.2	39.0*
† Spain, Murcia	1396	95.3	0.9	32.3	227	90.7	1.3	33.0*
† Spain, Navarra	591	95.8	0.3	42.6	97	85.6	4.1	60.8*
Spain, Tarragona	1156	96.1	0.5	24.8	187	94.1	1.6	25.7
†*Sweden	8025	99.7		28.5	2650	99.4		37.0*
Switzerland, Basel	285	98.2	1.8	33.3	96	96.9	2.1	61.5
Switzerland, Geneva	250	100.0	0.0	41.6	72	93.1	1.4	36.1
Switzerland, Graubünden and Glarus	146	99.3	0.7	38.4	43	97.7	0.0	44.2
Switzerland, Neuchâtel	128	97.7	0.0	45.3	40	100.0	0.0	40.0
Switzerland, St Gall−Appenzell	256	97.3	0.4	41.4	91	91.2	1.1	58.2
Switzerland, Ticino	243	98.4	0.4	41.6	80	96.2	2.5	41.2
Switzerland, Valais	167	96.4	0.0	38.9	56	94.6	0.0	53.6
Switzerland, Vaud	428	98.4	0.5	34.1	111	95.5	1.8	60.4
Switzerland, Zurich	619	95.8	1.5	42.0	205	93.2	3.4	58.0
Ukraine	21495	75.1	0.2	48.8	4426	72.3	0.3	45.2
† UK, England	28832	92.1	1.6	46.7	11559	86.5	2.8	59.2*
† UK, England, East of England Region	3089	93.8	1.3	49.1	1184	87.1	2.1	63.5*
UK, England, North Western	4042	87.7	0.7	45.8	1743	83.4	1.4	56.5
† UK, England, Northern and Yorkshire	4022	94.9	0.4	47.0	1803	89.5	0.7	60.2*
† UK, England, Oxford Region	1451	94.7	1.1	43.6	533	91.4	1.5	59.7*
† UK, England, South and Western Regions	4180	92.3	1.4	47.4	1650	87.2	2.7	58.6*
UK, England, Thames	6006	91.3	2.6	44.7	2356	84.6	4.3	57.1
† UK, England, Trent	1883	91.6	1.2	47.1	743	86.4	1.6	57.6*
UK, England, West Midlands	2955	93.8	3.3	49.5	1046	88.3	6.9	64.1
† UK, Northern Ireland	656	90.9	0.6	44.7	261	85.4	0.8	55.2*
† UK, Scotland	2418	94.1	0.3	58.4	1208	90.9	0.3	70.0*
† UK, Wales	3002	88.9	0.7	26.8	1180	85.2	1.7	36.8*
Oceania								
Australian Capital Territory	86	94.2	1.2	41.9	23	87.0	0.0	52.2
Australia, New South Wales	2668	91.2	1.5	38.3	1024	90.3	2.2	48.1
Australia, Northern Territory	37	100.0	0.0	35.1	6	100.0	0.0	83.3
Australia, Northern Territory: Indigenous	6	100.0	0.0	50.0	1	100.0	0.0	0.0
Australia, Northern Territory: Non−Indigenous	31	100.0	0.0	29.0	5	100.0	0.0	100.0
Australia, Queensland	2254	90.8	0.6	26.5	701	85.7	1.9	37.2
South Australia	719	95.1	0.0	40.8	266	89.8	0.0	58.3
† Australia, Tasmania	257	96.5	0.0	37.7	73	94.5	0.0	52.1*
† Australia, Victoria	1453	89.9	1.6	51.9	516	87.2	3.7	67.6*
Western Australia	718	95.8	0.3	41.6	232	94.4	0.9	51.3
New Zealand	1617	93.2	2.4	38.9	545	93.0	2.8	51.0
New Zealand: Maori	66	87.9	1.5	36.4	31	96.8	0.0	48.4
New Zealand: Pacific Islander	22	95.5	0.0	45.5	12	100.0	0.0	41.7
New Zealand: Other	1529	93.4	2.5	38.9	502	92.6	3.0	51.4
USA, Hawaii	369	96.7	1.1	36.9	125	95.2	2.4	48.0
*USA, Hawaii: Chinese	20	100.0	0.0		4	100.0	0.0	
*USA, Hawaii: Filipino	32	90.6	3.1		10	100.0	0.0	
*USA, Hawaii: Hawaiian	34	94.1	2.9		28	100.0	0.0	
*USA, Hawaii: Japanese	115	97.4	0.9		30	86.7	3.3	
*USA, Hawaii: White	150	98.7	0.0		43	95.3	4.7	

Care should be exercised when comparing incidence data for bladder cancers: for some registries the ICD10 code C67 may include neoplasms in-situ and of uncertain or unknown behaviour together with invasive cancers.

†*Important. See note on population page.

Indices of data quality

Brain and central nervous system (C70-72)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	66	89.4			49	93.9		
Egypt, Gharbiah	371	67.1	24.8	64.2	275	66.2	26.2	63.3
*Libya, Benghazi	87	60.9	18.4	69.0	50	52.0	12.0	64.0
*Malawi, Blantyre	4	50.0			3	0.0		
*South Africa, PROMEC	9	66.7			5	20.0		
*Tunisia, North	184	95.1			134	88.8		
*Uganda, Kyadondo County	37	27.0	2.7		17	35.3	0.0	
*Zimbabwe, Harare: African	37	48.6	32.4		38	55.3	28.9	
America, Central and South								
Argentina, Bahía Blanca	39	71.8	28.2	76.9	53	67.9	28.3	79.2
Argentina, Córdoba	181	76.8	19.3	32.0	182	67.6	23.6	37.9
Argentina, Mendoza	203	72.4	22.2	66.5	189	66.1	25.4	53.4
*Argentina, Tierra del Fuego	6	66.7	0.0	66.7	7	71.4	0.0	71.4
Brazil, Aracaju	42	59.5	33.3	76.2	38	57.9	39.5	86.8
Brazil, Belo Horizonte	174	75.3	24.1	70.7	173	67.6	30.1	69.9
Brazil, Cuiabá	61	55.7	37.7	106.6	75	58.7	32.0	69.3
Brazil, Fortaleza	165	74.5	21.2	97.6	170	65.3	29.4	110.6
Brazil, Goiânia	247	85.4	10.5	53.4	172	82.6	11.6	69.8
*Brazil, São Paulo	1411	55.0	19.5	85.0	1343	47.3	22.9	89.1
Chile, Region of Antofagasta	21	57.1	33.3	76.2	23	47.8	30.4	60.9
Chile, Bío Bío Province	41	51.2	7.3	39.0	34	35.3	2.9	32.4
Chile, Valdivia	37	48.6	13.5	54.1	33	45.5	18.2	48.5
Colombia, Bucaramanga	133	73.7	11.3	85.7	109	78.0	11.0	91.7
Colombia, Cali	254	86.2	2.4	69.7	240	78.3	6.7	75.8
Colombia, Manizales	35	85.7	2.9	65.7	23	60.9	30.4	87.0
Colombia, Pasto	44	79.5	9.1	65.9	27	70.4	18.5	74.1
Costa Rica	359	69.6	13.1	80.2	260	67.7	13.1	75.0
Cuba, Villa Clara	106	65.1	8.5	95.3	83	55.4	13.3	90.4
Ecuador, Cuenca	35	82.9	2.9	74.3	28	57.1	3.6	85.7
Ecuador, Quito	141	89.4	3.5	60.3	142	88.0	5.6	53.5
*France, Martinique	33	78.8		72.7	27	77.8		103.7
*Jamaica, Kingston and St Andrew	16	68.8			28	85.7		
USA, Puerto Rico	396	82.3	8.3	45.5	372	81.7	9.4	37.0
Uruguay	346	69.7	16.2	60.7	276	61.6	21.0	52.5
America, North								
Canada	6827	79.4	1.1	66.7	5278	72.4	2.0	65.1
Canada, Alberta	609	83.7	0.0	73.1	419	76.8	0.5	69.5
Canada, British Columbia	817	86.5	1.7	79.3	591	78.7	1.9	76.5
Canada, Manitoba	197	79.7	0.5	68.0	166	77.1	1.2	66.3
Canada, New Brunswick	169	81.1	0.0	75.1	144	71.5	0.0	60.4
Canada, Newfoundland and Labrador	116	83.6	0.9	68.1	77	83.1	0.0	81.8
*Canada, Northwest Territories	4	100.0	0.0	25.0	4	75.0	0.0	75.0
Canada, Nova Scotia	206	85.0	0.0	76.2	157	73.9	0.0	73.9
Canada, Ontario	2626	79.6	1.3	63.7	2074	72.4	2.5	58.3
Canada, Prince Edward Island	36	88.9	0.0	55.6	24	83.3	0.0	91.7
*Canada, Quebec	1857	72.6	1.0	69.7	1467	66.4	2.2	67.8
Canada, Saskatchewan	186	86.6	3.2	67.2	155	81.3	3.9	69.7
*Canada, Yukon	4	100.0	0.0	75.0	0	0.0	0.0	2.0
USA, NPCR (42 states)	49084	86.6	2.2	65.4	40862	81.7	3.1	63.3
USA, NPCR (42 states): American Indian	221	86.0	3.2	51.6	191	85.3	4.2	38.7
USA, NPCR (42 states): Asian and Pacific Islander	795	85.0	1.6	65.7	737	82.0	2.2	59.0
USA, NPCR (42 states): Black	3225	83.0	3.0	58.5	3076	78.2	3.3	53.4
USA, NPCR (42 states): White	44121	86.9	2.2	67.0	36272	82.1	3.1	65.3
USA, SEER (9 registries)	5009	87.8	1.7	65.6	4096	83.9	1.9	64.3
*USA, SEER (9 registries): Black	302	87.4	2.0		315	78.7	2.5	
*USA, SEER (9 registries): White	4408	88.2	1.6		3479	84.7	1.8	
USA, SEER (18 registries)	14448	87.0	1.6	61.7	11783	82.6	1.8	60.0
*USA, SEER (18 registries): Asian and Pacific Islander	653	84.5	1.4		594	80.0	1.9	
*USA, SEER (18 registries): Black	874	82.6	2.9		855	77.8	2.6	
*USA, SEER (18 registries): Hispanic White	1720	86.9	1.3		1440	85.0	0.8	
*USA, SEER (18 registries): Non−Hispanic White	11047	87.5	1.5		8765	82.9	1.9	
*USA, SEER (18 registries): White	12767	87.4	1.5		10205	83.2	1.7	
USA, Alabama	824	88.8	2.3	69.8	713	86.0	3.4	66.9
USA, Alabama: Black	110	80.9	1.8	60.9	87	81.6	1.1	59.8
USA, Alabama: White	710	90.4	2.4	71.5	620	86.8	3.7	68.2
USA, Alaska	88	90.9	0.0	72.7	87	86.2	1.1	44.8
*USA, Alaska: American Indian	7	100.0	0.0	42.9	17	100.0	0.0	5.9
USA, Arizona	1080	85.8	4.1	62.9	897	80.3	4.9	61.9
USA, Arizona: American Indian	28	89.3	0.0	42.9	21	90.5	4.8	38.1
USA, Arizona: Asian and Pacific Islander	17	88.2	5.9	35.3	6	66.7	0.0	50.0
USA, Arizona: Black	9	100.0	0.0	77.8	19	89.5	0.0	47.4
USA, Arizona: White	1020	85.8	4.2	64.1	846	80.0	5.1	63.2
USA, Arkansas	525	85.9	2.5	76.6	444	82.0	3.2	77.9
USA, Arkansas: Black	53	81.1	3.8	64.2	44	72.7	4.5	70.5
USA, Arkansas: White	463	86.6	2.4	78.2	394	82.7	3.0	79.7
USA, California	5948	87.7	0.7	67.7	4719	83.3	1.3	66.8
USA, California: American Indian	20	85.0	0.0	55.0	10	90.0	10.0	90.0
USA, California: Asian and Pacific Islander	386	85.0	0.3	69.4	330	80.9	2.1	64.5
USA, California: Black	235	85.5	1.3	70.6	203	78.3	1.5	63.5
USA, California: White	5236	87.9	0.7	68.4	4107	83.8	1.2	68.2
USA, California, Los Angeles County	1434	88.3	1.0	70.6	1163	82.6	1.6	69.4
*USA, California, Los Angeles County: Asian and Pacific Islander	124	87.1	0.8		103	80.6	3.9	
*USA, California, Los Angeles County: Black	93	83.9	2.2		81	84.0	1.2	
*USA, California, Los Angeles County: Chinese	41	82.9	2.4		27	77.8	7.4	
*USA, California, Los Angeles County: Filipino	19	94.7	0.0		28	75.0	3.6	
*USA, California, Los Angeles County: Hispanic White	460	90.9	1.1		384	84.4	0.5	

*Important. See note on population page.

Brain and central nervous system (C70-72) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	16	81.2	0.0		9	100.0	0.0	
*USA, California, Los Angeles County: Korean	15	93.3	0.0		15	86.7	6.7	
*USA, California, Los Angeles County: Non−Hispanic White	747	87.4	0.8		591	81.6	2.0	
*USA, California, Los Angeles County: White	1207	88.7	0.9		975	82.7	1.4	
USA, California, San Francisco Bay Area	732	88.8	0.4	63.3	567	82.7	1.9	62.3
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	84	83.3	0.0		93	81.7	4.3	
*USA, California, San Francisco Bay Area: Black	45	91.1	0.0		42	66.7	2.4	
*USA, California, San Francisco Bay Area: Hispanic White	87	90.8	0.0		70	88.6	1.4	
*USA, California, San Francisco Bay Area: Non−Hispanic White	507	89.3	0.6		356	83.4	1.4	
*USA, California, San Francisco Bay Area: White	594	89.6	0.5		426	84.3	1.4	
USA, Colorado	803	85.7	2.2	69.0	678	80.1	3.2	62.1
USA, Colorado: Asian and Pacific Islander	6	83.3	0.0	50.0	12	83.3	8.3	58.3
USA, Colorado: Black	16	93.8	0.0	81.2	18	88.9	0.0	50.0
USA, Colorado: White	771	85.5	2.3	69.5	639	80.3	3.3	63.1
USA, Connecticut	684	89.9	1.6	60.4	615	83.4	0.7	60.0
*USA, Connecticut: Black	27	85.2	0.0		24	83.3	0.0	
*USA, Connecticut: White	641	90.0	1.6		578	83.2	0.7	
USA, Delaware	177	88.1	2.3	60.5	130	83.8	3.1	61.5
USA, Delaware: Black	12	75.0	0.0	83.3	12	75.0	16.7	75.0
USA, Delaware: White	159	89.9	2.5	60.4	116	85.3	1.7	61.2
USA, Florida	3681	82.7	3.3	63.8	2964	79.1	4.6	64.4
USA, Florida: Asian and Pacific Islander	25	88.0	0.0	40.0	15	93.3	0.0	80.0
USA, Florida: Black	278	76.6	6.1	54.3	252	81.7	4.0	52.4
USA, Florida: White	3300	83.2	3.1	66.2	2646	78.8	4.7	66.5
USA, Georgia	1404	87.5	2.5	59.5	1276	81.9	2.6	55.3
USA, Georgia: Asian and Pacific Islander	8	62.5	12.5	100.0	17	88.2	0.0	41.2
USA, Georgia: Black	200	82.5	4.0	54.0	251	75.3	2.8	44.2
USA, Georgia: White	1189	88.5	2.2	60.6	999	83.5	2.6	58.8
USA, Georgia, Atlanta	428	89.5	2.3	57.5	375	84.3	2.7	56.5
*USA, Georgia, Atlanta: Black	92	85.9	2.2		102	79.4	2.9	
*USA, Georgia, Atlanta: White	328	90.9	2.4		254	86.2	2.8	
USA, Idaho	283	85.2	4.6	71.7	256	78.5	10.2	70.3
USA, Illinois	2221	88.1	2.0	58.7	1916	81.2	2.1	60.6
USA, Illinois: Asian and Pacific Islander	27	77.8	11.1	77.8	26	73.1	3.8	69.2
USA, Illinois: Black	173	83.2	3.5	51.4	168	76.8	7.1	50.0
USA, Illinois: White	1982	88.5	1.8	60.1	1688	81.8	1.6	62.7
USA, Indiana	1189	83.2	2.3	66.5	1060	79.6	2.9	64.7
USA, Indiana: Black	52	78.8	1.9	48.1	44	72.7	11.4	56.8
USA, Indiana: White	1123	83.5	2.2	68.1	1005	79.9	2.6	65.7
USA, Iowa	663	87.3	1.8	72.9	523	83.0	2.9	74.6
USA, Kentucky	856	84.9	2.2	62.1	673	79.5	2.2	63.3
USA, Louisiana	593	85.7	2.2	78.6	469	80.4	2.3	74.4
*USA, Louisiana: Black	121	76.9	5.0		98	79.6	4.1	
*USA, Louisiana: White	469	87.8	1.5		368	80.7	1.9	
*USA, Louisiana, New Orleans	92	82.6	8.7		79	84.8	5.1	
*USA, Louisiana, New Orleans: Black	21	76.2	9.5		18	77.8	11.1	
*USA, Louisiana, New Orleans: White	71	84.5	8.5		60	86.7	3.3	
USA, Maine	329	87.8	2.7	62.3	237	81.4	4.2	70.9
USA, Massachusetts	1346	89.8	1.0	60.1	1129	86.2	1.4	56.2
USA, Massachusetts: Asian and Pacific Islander	17	94.1	0.0	70.6	16	93.8	0.0	18.8
USA, Massachusetts: Black	29	89.7	0.0	51.7	20	85.0	0.0	65.0
USA, Massachusetts: White	1287	89.7	1.0	60.7	1085	86.2	1.5	57.1
USA, Michigan	1982	83.6	2.0	69.8	1684	78.5	3.3	63.6
USA, Michigan: Asian and Pacific Islander	13	76.9	7.7	76.9	10	90.0	10.0	60.0
USA, Michigan: Black	147	83.7	0.7	60.5	171	79.5	1.8	46.8
USA, Michigan: White	1794	83.6	2.1	71.5	1473	78.1	3.4	66.7
USA, Michigan, Detroit	707	90.0	2.4	66.5	610	86.1	2.8	63.3
*USA, Michigan, Detroit: Black	99	87.9	3.0		114	85.1	1.8	
*USA, Michigan, Detroit: White	593	90.2	2.4		484	86.0	3.1	
USA, Mississippi	457	80.5	10.1	84.5	447	82.6	6.9	70.9
USA, Missouri	1115	82.6	3.9	69.7	975	79.7	5.1	64.1
USA, Missouri: Black	58	81.0	5.2	69.0	58	77.6	0.0	62.1
USA, Missouri: White	1035	82.8	4.0	70.5	906	79.6	5.5	64.6
USA, Montana	222	89.2	2.7	67.6	139	80.6	2.9	79.1
USA, Montana: American Indian	12	91.7	8.3	50.0	7	85.7	14.3	28.6
USA, Nebraska	343	88.9	0.6	71.1	288	82.6	3.8	72.2
USA, Nebraska: Black	6	83.3	0.0	100.0	7	85.7	0.0	42.9
USA, Nebraska: White	333	88.9	0.6	70.9	276	82.2	4.0	73.6
USA, New Hampshire	293	90.1	1.0	65.9	199	86.9	1.0	65.8
USA, New Jersey	1788	85.1	2.5	53.0	1474	80.4	2.5	51.4
*USA, New Jersey: Black	120	76.7	3.3		99	73.7	4.0	
*USA, New Jersey: White	1573	85.9	2.4		1296	81.0	2.3	
USA, New Mexico	328	79.0	7.6	63.1	227	79.7	5.7	67.8
*USA, New Mexico: Hispanic White	89	79.8	2.2		63	82.5	3.2	
*USA, New Mexico: Non−Hispanic White	213	78.4	9.9		146	80.1	5.5	
*USA, New Mexico: White	302	78.8	7.6		209	80.9	4.8	
USA, New York State	3672	86.8	0.8	58.1	3066	81.5	1.4	53.1
USA, New York State: Asian and Pacific Islander	80	91.2	0.0	71.2	83	83.1	0.0	44.6
USA, New York State: Black	325	84.9	0.9	47.7	317	82.0	0.3	38.5
USA, New York State: White	3180	86.8	0.8	60.3	2599	81.1	1.7	56.4
USA, North Carolina	1628	89.9	2.0	62.3	1357	83.6	3.2	62.1
USA, North Carolina: American Indian	13	84.6	7.7	53.8	13	84.6	0.0	46.2
USA, North Carolina: Asian and Pacific Islander	10	90.0	0.0	30.0	11	72.7	0.0	45.5
USA, North Carolina: Black	199	89.4	3.0	56.3	175	80.0	3.4	55.4
USA, North Carolina: White	1388	89.8	1.9	64.3	1152	84.5	3.1	63.8
USA, North Dakota	122	82.8	4.1	74.6	103	77.7	2.9	71.8
USA, Ohio	2213	89.9	1.7	66.9	1928	85.6	2.2	63.8
USA, Ohio: Asian and Pacific Islander	9	77.8	0.0	55.6	9	77.8	0.0	77.8
USA, Ohio: Black	133	87.2	4.5	60.9	108	80.6	2.8	52.8
USA, Ohio: White	2039	90.1	1.5	68.4	1792	85.9	2.2	65.0

*Important. See note on population page.

Brain and central nervous system (C70-72) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	730	83.8	2.1	67.4	621	77.0	3.5	62.2
USA, Oklahoma: American Indian	53	86.8	0.0	26.4	53	81.1	1.9	30.2
USA, Oklahoma: Black	36	77.8	0.0	55.6	35	71.4	5.7	45.7
USA, Oklahoma: White	633	84.0	2.4	71.9	526	77.0	3.6	67.1
USA, Oregon	804	87.2	2.0	73.5	632	81.8	3.3	69.1
USA, Oregon: Asian and Pacific Islander	5	80.0	0.0	60.0	15	86.7	0.0	33.3
USA, Oregon: Black	5	80.0	0.0	80.0	2	100.0	0.0	100.0
USA, Oregon: White	776	87.4	2.1	74.5	596	81.5	3.5	71.6
USA, Pennsylvania	2657	85.1	2.3	60.3	2262	78.8	3.5	59.9
USA, Pennsylvania: Asian and Pacific Islander	21	100.0	0.0	52.4	17	82.4	5.9	29.4
USA, Pennsylvania: Black	163	83.4	1.8	41.1	145	73.1	1.4	44.1
USA, Pennsylvania: White	2416	85.0	2.3	63.1	2060	79.2	3.7	62.4
USA, Rhode Island	243	88.5	2.1	60.9	188	83.5	2.7	66.0
USA, Rhode Island: Black	5	100.0	0.0	20.0	6	100.0	0.0	50.0
USA, Rhode Island: White	237	88.2	2.1	62.0	177	83.6	2.8	67.2
USA, South Carolina	792	84.2	3.8	68.3	683	74.1	6.6	66.3
USA, South Carolina: Black	109	81.7	3.7	56.0	117	74.4	9.4	67.5
USA, South Carolina: White	672	84.8	3.6	71.4	558	73.8	6.1	66.8
USA, South Dakota	155	84.5	1.9	85.8	121	89.3	1.7	67.8
USA, Tennessee	1128	89.1	2.7	77.4	946	86.9	3.0	82.7
USA, Tennessee: Black	89	86.5	4.5	76.4	77	80.5	3.9	87.0
USA, Tennessee: White	1025	89.3	2.4	78.1	850	87.3	2.9	83.5
USA, Texas	3847	84.7	3.0	62.7	3204	77.8	4.4	60.9
USA, Texas: Asian and Pacific Islander	43	86.0	2.3	69.8	38	73.7	2.6	84.2
USA, Texas: Black	247	80.2	2.8	65.2	248	66.9	6.9	57.3
USA, Texas: White	3465	84.9	3.0	64.1	2859	79.0	4.2	62.0
USA, Utah	425	89.6	0.0	62.1	349	88.8	0.3	54.2
USA, Vermont	130	90.0	1.5	68.5	116	89.7	1.7	57.8
USA, Virginia	1294	89.6	3.8	64.5	1038	85.9	3.3	59.5
USA, Virginia: Asian and Pacific Islander	16	87.5	12.5	62.5	27	85.2	14.8	37.0
USA, Virginia: Black	134	88.1	4.5	64.9	121	85.1	2.5	57.9
USA, Virginia: White	1124	89.7	3.6	65.6	860	86.2	3.1	62.4
USA, Washington State	1277	85.6	0.9	74.1	1003	84.6	2.0	72.5
USA, Washington, Seattle	898	85.9	0.2	71.5	709	83.5	0.7	70.7
USA, West Virginia	418	82.1	1.4	63.6	368	78.3	2.4	60.1
USA, Wisconsin	1188	88.6	3.0	62.7	976	84.7	5.5	61.6
USA, Wisconsin: Black	25	76.0	0.0	72.0	28	100.0	0.0	53.6
USA, Wisconsin: White	1116	89.7	3.2	64.6	905	84.8	5.9	64.3
USA, Wyoming	98	87.8	0.0	67.3	76	82.9	0.0	76.3
Asia								
Bahrain: Bahraini	37	83.8	5.4	67.6	19	57.9	10.5	73.7
China, Beijing City	766	71.1	0.7	76.6	612	61.6	0.7	81.5
*China, Cixian County	57	78.9	3.5	128.1	37	83.8	2.7	154.1
China, Haining County	79	53.2	1.3	94.9	76	50.0	6.6	71.1
*China, Harbin City, Nangang District	191	55.5	0.5	49.7	196	50.0	2.0	40.8
China, Hong Kong	533	91.0	0.2	53.7	392	84.7	2.8	55.9
China, Jiashan County	83	63.9	0.0	71.1	78	74.4	1.3	61.5
China, Jiaxing City	69	42.0	1.4	52.2	78	42.3	3.8	26.9
China, Macao	24	70.8	0.0	79.2	17	47.1	5.9	88.2
China, Qidong County	191	25.7	5.2	102.6	187	31.0	2.7	83.4
*China, Shanghai City	1287	50.6	0.5	61.7	1690	48.6	0.2	42.4
*China, Wuhan City	780	64.4		56.9	839	66.6		47.0
*China, Yangcheng County	28	64.3		96.4	28	75.0		82.1
*China, Yanting County	81	46.9	4.9	86.4	35	45.7	8.6	105.7
*China, Zhongshan City	70	97.1		107.1	53	96.2		143.4
*India, Bangalore	367	93.5	3.8		216	90.7	7.4	
*India; Barshi, Paranda, and Bhum	18	77.8			10	80.0		
*India, Bhopal	59	88.1	0.0		55	76.4	0.0	
*India, Chennai	344	67.7	2.0		239	68.6	2.5	
*India, Dindigul, Ambilikkai	77	67.5	7.8		47	63.8	6.4	
*India, Karunagappally	44	52.3	9.1		25	52.0	20.0	
*India, Mizoram	25	24.0	20.0		13	38.5	0.0	
*India, Mumbai	1004	95.9	1.1		605	95.5	1.7	
*India, New Delhi	1266	89.1	0.2		691	86.1	0.1	
*India, Poona	328	96.6	1.8		213	96.7	1.4	
*India, Sikkim State	26	19.2	3.8		21	14.3	0.0	
*India, Trivandrum	54	77.8	1.9		38	68.4	5.3	
*Iran (Islamic Republic of), Golestan Province	153	51.6	5.9	19.6	101	40.6	9.9	14.9
Israel	1144	88.6	4.6	73.1	932	83.0	8.0	74.9
*Israel: Jews	992	88.5	4.6		836	82.1	8.6	
*Israel: Non–Jews	152	89.5	4.6		96	91.7	3.1	
Japan, Aichi Prefecture	142	68.3	20.4	46.5	113	61.1	26.5	35.4
Japan, Fukui Prefecture	97	73.2	4.1	36.1	93	46.2	10.8	20.4
Japan, Hiroshima	122	91.8	2.5	27.0	92	81.5	4.3	26.1
Japan, Miyagi Prefecture	190	81.1	2.1	44.7	130	77.7	3.8	40.8
Japan, Nagasaki Prefecture	128	92.2	0.0	44.5	99	81.8	5.1	43.4
Japan, Niigata Prefecture	192	68.8	10.9	59.4	166	71.1	6.0	44.6
*Japan, Osaka Prefecture	695	67.1	11.1	44.2	641	59.9	13.9	36.5
Japan, Saga Prefecture	76	75.0	2.6	42.1	53	84.9	1.9	54.7
Republic of Korea	4084	67.1	6.4	74.3	3673	61.6	8.1	72.9
Republic of Korea, Busan	302	60.6	5.6	78.1	277	56.3	10.5	72.2
Republic of Korea, Daegu	209	75.6	5.3	74.6	168	65.5	7.1	70.2
Republic of Korea, Daejeon	108	69.4	3.7	85.2	102	64.7	8.8	76.5
Republic of Korea, Gwangju	120	70.0	3.3	52.5	107	73.8	1.9	68.2
Republic of Korea, Incheon	209	62.7	1.9	59.8	197	70.6	1.0	55.8
Republic of Korea, Jejudo	37	59.5	0.0	54.1	42	59.5	0.0	59.5
Republic of Korea, Seoul	822	69.2	5.6	67.3	721	64.8	7.2	64.1
Republic of Korea, Ulsan	85	63.5	7.1	76.5	87	69.0	10.3	60.9

*Important. See note on population page.

Brain and central nervous system (C70-72) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	132	84.8	2.3	65.2	62	87.1	0.0	50.0
*Kuwait: Kuwaitis	61	75.4	4.9		40	85.0	0.0	
*Kuwait: Non−Kuwaitis	71	93.0	0.0		22	90.9	0.0	
*Malaysia, Penang	78	79.5			62	71.0		
*Malaysia, Penang: Chinese	39	82.1			38	76.3		
*Malaysia, Penang: Indian	6	66.7			2	50.0		
*Malaysia, Penang: Malay	32	78.1			22	63.6		
*Philippines, Manila	299	61.2	17.4		259	57.1	16.6	
*Philippines, Rizal	335	68.4	18.5		274	60.6	25.2	
Qatar: Qatari	15	46.7	20.0	93.3	17	82.4	5.9	58.8
*Saudi Arabia, Riyadh: Saudi	230	87.8	0.0		152	88.2	0.0	
Singapore	230	83.5	4.8	70.0	191	84.3	3.1	52.9
Singapore: Chinese	178	85.4	3.4	69.7	164	85.4	3.0	47.6
Singapore: Indian	19	84.2	5.3	63.2	10	90.0	0.0	60.0
Singapore: Malay	23	73.9	13.0	56.5	16	68.8	6.2	68.8
Thailand, Bangkok	456	73.9	14.9	68.0	455	73.4	17.6	67.9
Thailand, Chiang Mai	71	46.5	16.9	84.5	77	40.3	22.1	58.4
Thailand, Chonburi	71	53.5	16.9	57.7	66	53.0	12.1	74.2
*Thailand, Khon Kaen	61	49.2	14.8		57	61.4	10.5	
Thailand, Lampang	46	54.3	26.1	145.7	43	46.5	16.3	127.9
*Thailand, Songkhla	72	43.1	15.3		72	50.0	6.9	
*Turkey, Antalya	220	86.8	0.9	77.7	162	85.8	2.5	98.1
*Turkey, Edirne	56	67.9	14.3		43	72.1	4.7	
*Turkey, Izmir	552	78.8	6.0		457	76.8	6.8	
*Turkey, Trabzon	41	82.9	2.4		49	81.6	2.0	
Europe								
Austria	1783	86.7	8.5	73.0	1570	81.7	12.2	70.9
Austria, Tyrol	118	89.8	1.7	80.5	98	85.7	2.0	86.7
Austria, Vorarlberg	82	84.1	6.1	73.2	51	82.4	3.9	70.6
*Belarus	1169	86.1		90.9	1157	83.5		84.9
*Belgium	1799	95.2		69.9	1329	93.4		80.4
Bulgaria	1840	63.0	23.4	91.8	1551	61.7	23.5	88.2
Croatia	1399	55.5	5.2	71.8	1341	51.8	5.3	70.1
Cyprus	117	77.8	14.5	56.6	102	65.7	20.6	58.8
Czech Republic	2047	77.1	1.6	94.1	1837	72.5	2.4	98.5
Denmark	1286	83.7	0.1	81.5	972	77.5	0.2	85.0
*Estonia	227	87.7		111.9	197	83.8		124.9
Finland	962	84.5	2.0	80.5	872	76.6	2.4	82.5
*France, Bas−Rhin	209	83.3		57.9	176	70.5		64.2
*France, Calvados	122	86.9		75.4	104	78.8		64.4
*France, Doubs	93	92.5		69.9	66	63.6		77.3
*France, Haut−Rhin	102	94.1		81.4	85	94.1		75.3
*France, Hérault	192	80.7		65.6	176	79.0		53.4
*France, Isère	248	85.5		59.7	176	78.4		60.2
*France, Loire−Atlantique	261	87.0		66.3	185	81.6		69.7
*France, Manche	107	79.4		69.2	77	84.4		59.7
*France, Somme	86	74.4		65.1	80	55.0		76.2
*France, Tarn	95	83.2		68.4	76	75.0		63.2
*France, Vendée	122	90.2		96.7	94	89.4		79.8
Germany, Brandenburg	613	78.3	18.1	77.5	520	74.2	21.3	76.9
Germany, Bremen	129	75.2	15.5	124.0	141	78.0	12.1	116.3
Germany, Free State of Saxony	1029	83.3	12.1	80.8	977	77.3	17.9	78.8
Germany, Hamburg	374	85.3	8.6	89.3	291	80.8	12.0	96.2
Germany, Mecklenburg−Western Pomerania	369	83.2	13.8	86.4	285	74.4	19.6	78.2
Germany, Munich	889	83.1	13.2	80.8	810	73.5	20.0	88.5
Germany, North Rhine−Westphalia	546	85.5	5.7	93.8	394	79.4	9.4	117.5
Germany, Saarland	273	87.5	8.1	79.9	243	77.4	14.8	74.1
Germany, Schleswig−Holstein	628	77.1	13.9	79.1	539	70.7	19.3	89.6
Iceland	66	75.8	0.0	77.3	58	70.7	0.0	70.7
Ireland	902	72.7	1.9	77.9	662	63.4	2.6	74.5
Italy, Biella	50	44.0	0.0	72.0	47	38.3	0.0	72.3
Italy, Brescia	179	59.8	1.1	92.7	156	42.9	5.1	100.6
Italy, Catania and Messina	221	67.0	3.2	83.7	167	55.1	7.2	86.8
Italy, Catanzaro	64	65.6	3.1	85.9	44	72.7	2.3	79.5
Italy, Como	126	82.5	1.6	107.1	131	69.5	2.3	111.5
Italy, Ferrara	103	78.6	1.0	69.9	88	64.8	0.0	68.2
Italy, Florence and Prato	178	75.8	1.7	78.1	189	63.0	0.0	70.4
Italy, Friuli−Venezia Giulia	328	68.6	0.6	84.8	268	57.8	0.0	101.5
Italy, Genoa	195	53.3	1.0	70.3	151	37.1	4.0	71.5
Italy, Latina	134	69.4	2.2	101.5	89	62.9	2.2	93.3
Italy, Lecco	82	57.3	0.0	80.5	72	38.9	0.0	86.1
Italy, Lombardy, South	118	43.2	0.8	85.6	80	36.2	2.5	105.0
Italy, Mantua	64	57.8	3.1	57.8	53	47.2	0.0	69.8
Italy, Milan	261	68.2	1.9	61.3	204	56.9	2.9	64.7
Italy, Modena	160	57.5	0.0	71.2	128	50.8	1.6	79.7
Italy, Naples	106	64.2	2.8	84.0	103	63.1	5.8	81.6
Italy, Nuoro	48	75.0	2.1	100.0	44	47.7	4.5	118.2
Italy, Palermo	207	45.4	2.9	63.3	160	39.4	6.2	58.1
Italy, Parma	116	64.7	0.0	57.8	122	48.4	0.8	59.8
Italy, Ragusa	87	64.4	1.1	48.9	56	57.1	0.0	49.1
Italy, Reggio Emilia	130	43.1	0.8	74.6	115	52.2	0.9	73.0
Italy, Romagna	338	50.3	0.3	66.9	320	45.3	0.9	64.7
Italy, Salerno	268	68.3	4.1	93.7	237	54.0	6.8	84.8
Italy, Sassari	113	36.3	7.1	69.9	104	36.5	8.7	51.0
Italy, Sondrio	41	65.9	0.0	85.4	37	67.6	0.0	73.0
Italy, South Tyrol	78	89.7	0.0	75.6	62	77.4	1.6	77.4

*Important. See note on population page.

Brain and central nervous system (C70-72) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	83	57.8	4.8	112.0	68	35.3	10.3	108.8
Italy, Trapani	87	56.3	0.0	70.1	53	39.6	0.0	75.5
Italy, Trento	78	70.5	0.0	93.6	72	72.2	1.4	120.8
Italy, Turin	220	64.5	1.8	64.1	223	55.2	1.3	68.2
Italy, Umbria	282	67.7	0.4	83.0	207	60.9	0.5	92.3
Italy, Varese	219	58.4	0.9	69.9	174	52.9	2.9	75.9
Italy, Veneto	508	70.1	1.2	64.2	421	59.1	0.7	68.2
Latvia	386	56.0	28.2	80.1	434	57.4	31.6	87.1
Lithuania	660	75.2	11.1	84.5	743	74.0	12.8	82.4
Malta	64	92.2	6.2	73.4	58	79.3	8.6	69.0
*Netherlands	3141	85.9		75.8	2266	81.2		79.3
*Netherlands, Eindhoven	209	82.3		67.9	136	81.6		69.9
Norway	1297	71.4	1.1	63.8	1180	57.6	1.7	53.3
Poland, Cracow	145	64.1	5.5	81.4	184	64.7	7.1	69.6
Poland, Kielce	313	57.5	3.8	70.3	316	55.1	1.9	64.9
Poland, Lower Silesia	603	58.9	0.8	94.0	629	51.4	0.5	88.9
Poland, Podkarpackie	543	48.4	9.6	72.9	565	39.3	13.3	67.8
Portugal, Azores	38	73.7	10.5	57.0	40	62.5	5.0	66.7
Russian Federation, Saint Petersburg	621	61.8	0.0	106.0	684	54.2	0.0	104.2
*Serbia, Central	1927	75.7	7.9	74.7	1544	76.8	7.4	70.3
Slovakia	1021	73.2	9.1	90.3	908	67.0	11.3	90.5
Slovenia	377	88.6	1.3	87.5	318	77.0	2.8	104.4
Spain, Albacete	89	51.7	2.2	75.3	64	51.6	7.8	87.5
Spain, Asturias	246	74.8	6.5	85.4	203	71.9	7.4	92.1
Spain, Basque Country	566	71.0	2.8	74.9	451	63.2	4.0	74.5
Spain, Canary Islands	245	73.9	3.3	80.0	180	71.7	2.8	82.8
Spain, Ciudad Real	90	50.0	5.6	74.4	77	59.7	3.9	79.2
Spain, Cuenca	42	42.9	7.1	81.0	37	43.2	2.7	67.6
Spain, Girona	149	57.7	6.7	63.8	129	61.2	4.7	71.3
*Spain, Granada	170	80.0		67.1	141	75.9		73.0
Spain, La Rioja	68	57.4	5.9	85.3	45	55.6	2.2	111.1
Spain, Mallorca	144	64.6	9.0	79.9	105	67.6	6.7	76.2
Spain, Murcia	233	79.4	4.3	72.5	237	68.8	3.8	61.6
Spain, Navarra	169	56.2	0.6	86.4	148	43.2	3.4	81.1
Spain, Tarragona	151	76.2	3.3	60.9	111	64.0	3.6	68.5
*Sweden	2866	91.5		60.0	3468	91.3		37.2
Switzerland, Basel	88	94.3	5.7	76.1	67	98.5	1.5	83.6
Switzerland, Geneva	71	90.1	0.0	87.3	82	79.3	0.0	68.3
Switzerland, Graubünden and Glarus	54	81.5	0.0	77.8	34	79.4	0.0	64.7
Switzerland, Neuchâtel	35	88.6	2.9	80.0	30	66.7	0.0	90.0
Switzerland, St Gall−Appenzell	115	93.9	0.0	81.7	91	86.8	1.1	70.3
Switzerland, Ticino	65	89.2	1.5	61.5	70	78.6	7.1	78.6
Switzerland, Valais	52	80.8	0.0	82.7	43	76.7	0.0	74.4
Switzerland, Vaud	127	88.2	2.4	73.2	94	79.8	1.1	83.0
Switzerland, Zurich	271	86.7	1.5	77.1	193	77.2	2.1	77.7
Ukraine	6425	57.2	2.0	85.0	5753	59.0	2.0	79.2
UK, England	10839	71.3	3.0	78.1	7863	64.6	4.0	75.9
UK, England, East of England Region	1186	71.9	1.6	79.9	872	65.1	2.6	77.2
UK, England, North Western	1395	67.3	1.6	76.6	996	63.3	1.5	78.6
UK, England, Northern and Yorkshire	1502	72.0	1.0	77.4	1069	64.6	1.4	77.5
UK, England, Oxford Region	527	79.9	2.3	83.7	385	71.4	4.9	86.2
UK, England, South and Western Regions	1750	67.3	2.5	77.5	1257	62.5	2.9	74.7
UK, England, Thames	2234	71.5	3.5	77.6	1700	63.8	5.6	71.4
UK, England, Trent	719	71.6	2.9	78.6	520	62.5	2.7	73.1
UK, England, West Midlands	1079	77.8	8.2	79.4	734	71.5	10.2	77.7
UK, Northern Ireland	357	61.6	0.6	72.5	256	57.8	0.4	63.7
UK, Scotland	1091	68.1	0.6	92.4	781	63.3	0.5	91.3
UK, Wales	695	69.9	1.7	69.1	541	65.2	2.8	72.3
Oceania								
Australian Capital Territory	65	92.3	0.0	70.8	60	80.0	1.7	58.3
Australia, New South Wales	1430	87.4	1.0	71.3	1065	82.9	1.1	68.3
Australia, Northern Territory	29	62.1	0.0	72.4	15	80.0	0.0	40.0
Australia, Northern Territory: Indigenous	2	50.0	0.0	150.0	6	50.0	0.0	33.3
Australia, Northern Territory: Non−Indigenous	27	63.0	0.0	63.0	9	100.0	0.0	44.4
Australia, Queensland	823	84.2	0.5	88.1	537	77.7	0.9	89.2
South Australia	373	78.8	0.0	79.6	252	71.8	0.0	72.2
Australia, Tasmania	113	89.4	0.9	85.0	82	86.6	0.0	62.2
Australia, Victoria	1062	89.5	1.0	77.5	850	81.8	3.6	74.7
Western Australia	417	82.3	0.5	71.2	298	80.2	0.7	78.5
New Zealand	773	78.3	2.7	88.9	587	74.1	4.6	78.5
New Zealand: Maori	54	88.9	0.0	75.9	52	78.8	0.0	78.8
New Zealand: Pacific Islander	28	85.7	3.6	64.3	23	65.2	4.3	65.2
New Zealand: Other	691	77.1	2.9	90.9	512	74.0	5.1	79.1
USA, Hawaii	144	86.1	4.9	68.8	121	78.5	1.7	66.1
*USA, Hawaii: Chinese	7	100.0	0.0		1	100.0	0.0	
*USA, Hawaii: Filipino	16	75.0	12.5		14	71.4	7.1	
*USA, Hawaii: Hawaiian	28	92.9	3.6		23	82.6	4.3	
*USA, Hawaii: Japanese	15	53.3	6.7		28	71.4	0.0	
*USA, Hawaii: White	63	92.1	3.2		44	84.1	0.0	

*Important. See note on population page.

Indices of data quality

Thyroid (C73)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	28	96.4			156	99.4		
Egypt, Gharbiah	118	95.8	2.5	16.1	264	97.0	0.8	12.9
*Libya, Benghazi	13	84.6	15.4	23.1	64	90.6	4.7	20.3
*Malawi, Blantyre	5	60.0			18	77.8		
*South Africa, PROMEC	4	75.0			8	87.5		
*Tunisia, North	78	97.4			245	98.0		
*Uganda, Kyadondo County	19	84.2	0.0		55	69.1	0.0	
*Zimbabwe, Harare: African	8	75.0	0.0		38	55.3	7.9	
America, Central and South								
Argentina, Bahía Blanca	11	90.9	9.1	18.2	55	94.5	5.5	5.5
Argentina, Córdoba	43	97.7	2.3	18.6	221	95.5	4.5	9.0
Argentina, Mendoza	71	94.4	4.2	22.5	262	96.6	2.7	8.8
*Argentina, Tierra del Fuego	1	100.0	0.0	0.0	27	100.0	0.0	0.0
Brazil, Aracaju	40	97.5	2.5	2.5	191	99.0	1.0	2.1
Brazil, Belo Horizonte	69	97.1	1.4	4.3	307	99.0	0.7	4.2
Brazil, Cuiabá	13	100.0	0.0	23.1	60	83.3	5.0	8.3
Brazil, Fortaleza	54	92.6	1.9	14.8	387	94.6	1.3	7.8
Brazil, Goiânia	79	97.5	2.5	10.1	460	99.1	0.2	2.6
*Brazil, São Paulo	1261	88.0	1.3	5.2	6530	88.2	0.5	2.1
Chile, Region of Antofagasta	20	95.0	5.0	15.0	127	98.4	1.6	11.0
Chile, Bío Bío Province	13	61.5	0.0	46.2	39	76.9	0.0	12.8
Chile, Valdivia	14	100.0	0.0	7.1	71	98.6	0.0	15.5
Colombia, Bucaramanga	58	94.8	0.0	19.0	269	97.0	0.7	9.3
Colombia, Cali	107	91.6	3.7	16.8	639	95.9	0.8	7.7
Colombia, Manizales	33	97.0	0.0	9.1	140	97.9	0.7	8.6
Colombia, Pasto	18	88.9	5.6	27.8	87	96.6	1.1	13.8
Costa Rica	215	95.8	0.5	15.3	1343	97.2	0.6	4.1
Cuba, Villa Clara	28	100.0	0.0	10.7	158	96.8	0.0	8.9
Ecuador, Cuenca	21	85.7	9.5	52.4	126	95.2	0.8	10.3
Ecuador, Quito	122	93.4	3.3	19.7	654	97.1	1.5	8.0
*France, Martinique	26	100.0		19.2	90	100.0		7.8
*Jamaica, Kingston and St Andrew	13	100.0			60	95.0		
USA, Puerto Rico	344	98.8	1.2	6.2	1642	99.5	0.2	2.1
Uruguay	91	91.2	6.6	23.1	412	96.6	2.4	11.9
America, North								
Canada	3987	95.8	0.2	8.0	14053	95.2	0.1	3.5
Canada, Alberta	385	99.2	0.0	0.0	1302	99.5	0.0	0.0
Canada, British Columbia	309	98.4	0.6	0.0	933	98.6	0.0	0.0
Canada, Manitoba	99	99.0	1.0	9.1	309	99.4	0.3	4.2
Canada, New Brunswick	112	100.0	0.0	0.0	387	99.7	0.0	0.0
Canada, Newfoundland and Labrador	50	100.0	0.0	0.0	179	100.0	0.0	0.0
*Canada, Northwest Territories	4	100.0	0.0	0.0	9	100.0	0.0	0.0
Canada, Nova Scotia	118	100.0	0.0	0.0	331	98.2	0.3	0.0
Canada, Ontario	1914	93.9	0.2	0.0	7289	92.8	0.1	0.0
Canada, Prince Edward Island	21	100.0	0.0	0.0	26	100.0	0.0	0.0
*Canada, Quebec	901	95.7	0.1	0.0	3062	96.0	0.3	0.0
Canada, Saskatchewan	73	97.3	1.4	0.0	215	98.1	0.9	0.0
*Canada, Yukon	1	100.0	0.0	0.0	11	100.0	0.0	0.0
USA, NPCR (42 states)	32133	99.1	0.3	8.3	101729	99.3	0.2	3.6
USA, NPCR (42 states): American Indian	126	99.2	0.0	9.5	507	98.6	0.4	3.2
USA, NPCR (42 states): Asian and Pacific Islander	961	98.3	0.2	9.6	4226	99.5	0.1	4.3
USA, NPCR (42 states): Black	1767	98.7	0.3	9.6	7969	98.9	0.3	5.0
USA, NPCR (42 states): White	28568	99.2	0.3	8.4	86474	99.3	0.2	3.6
USA, SEER (9 registries)	3662	97.6	0.2	7.6	11534	99.2	0.1	3.3
*USA, SEER (9 registries): Black	187	94.7	0.0		746	98.3	0.0	
*USA, SEER (9 registries): White	3128	97.9	0.2		9410	99.3	0.1	
USA, SEER (18 registries)	9865	98.3	0.1	8.0	31428	99.3	0.1	3.5
*USA, SEER (18 registries): Asian and Pacific Islander	739	97.3	0.1		3024	99.6	0.0	
*USA, SEER (18 registries): Black	523	96.6	0.2		2125	98.4	0.2	
*USA, SEER (18 registries): Hispanic White	992	98.1	0.3		4391	99.2	0.1	
*USA, SEER (18 registries): Non−Hispanic White	7464	98.6	0.1		21352	99.3	0.1	
*USA, SEER (18 registries): White	8456	98.5	0.1		25743	99.3	0.1	
USA, Alabama	431	99.5	0.0	8.8	1267	99.5	0.2	3.9
USA, Alabama: Black	50	100.0	0.0	16.0	248	99.2	0.0	3.6
USA, Alabama: White	378	99.5	0.0	7.9	998	99.7	0.2	4.0
USA, Alaska	96	97.9	0.0	3.1	269	97.8	0.0	1.5
*USA, Alaska: American Indian	13	100.0	0.0	0.0	22	100.0	0.0	4.5
USA, Arizona	813	97.9	0.5	8.6	2499	98.9	0.2	4.0
USA, Arizona: American Indian	16	100.0	0.0	6.2	69	97.1	0.0	4.3
USA, Arizona: Asian and Pacific Islander	18	94.4	0.0	0.0	57	100.0	0.0	3.5
USA, Arizona: Black	6	100.0	0.0	0.0	44	97.7	0.0	2.3
USA, Arizona: White	753	97.9	0.5	9.2	2276	99.0	0.2	4.1
USA, Arkansas	271	99.6	0.0	9.2	689	99.1	0.1	5.1
USA, Arkansas: Black	10	100.0	0.0	10.0	74	97.3	1.4	13.5
USA, Arkansas: White	256	99.6	0.0	9.4	606	99.3	0.0	4.1
USA, California	3728	99.2	0.2	9.7	11923	99.5	0.1	4.3
USA, California: American Indian	7	100.0	0.0	14.3	44	100.0	0.0	4.5
USA, California: Asian and Pacific Islander	413	98.3	0.2	12.3	1758	99.7	0.1	5.9
USA, California: Black	142	97.9	0.7	11.3	481	99.2	0.0	6.0
USA, California: White	3089	99.4	0.1	9.5	9399	99.5	0.1	4.0
USA, California, Los Angeles County	1006	98.5	0.2	10.7	3494	99.5	0.1	4.4
*USA, California, Los Angeles County: Asian and Pacific Islander	147	98.0	0.0		619	100.0	0.0	
*USA, California, Los Angeles County: Black	59	91.5	1.7		236	98.7	0.0	
*USA, California, Los Angeles County: Chinese	30	100.0	0.0		130	100.0	0.0	
*USA, California, Los Angeles County: Filipino	50	94.0	0.0		238	100.0	0.0	
*USA, California, Los Angeles County: Hispanic White	243	98.8	0.4		1212	99.3	0.2	

*Important. See note on population page.

Indices of data quality

Thyroid (C73) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	12	100.0	0.0		33	100.0	0.0	
*USA, California, Los Angeles County: Korean	20	100.0	0.0		84	100.0	0.0	
*USA, California, Los Angeles County: Non−Hispanic White	555	99.3	0.0		1394	99.4	0.1	
*USA, California, Los Angeles County: White	798	99.1	0.1		2606	99.4	0.1	
USA, California, San Francisco Bay Area	363	97.5	0.6	11.0	1266	99.5	0.0	5.3
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	81	100.0	0.0		347	99.1	0.0	
*USA, California, San Francisco Bay Area: Black	15	100.0	0.0		64	98.4	0.0	
*USA, California, San Francisco Bay Area: Hispanic White	37	97.3	2.7		186	100.0	0.0	
*USA, California, San Francisco Bay Area: Non−Hispanic White	219	96.8	0.5		650	99.7	0.0	
*USA, California, San Francisco Bay Area: White	256	96.9	0.8		836	99.8	0.0	
USA, Colorado	614	99.2	0.5	9.0	1890	99.4	0.2	2.7
USA, Colorado: Asian and Pacific Islander	8	100.0	0.0	0.0	47	100.0	0.0	0.0
USA, Colorado: Black	10	100.0	0.0	10.0	57	98.2	1.8	3.5
USA, Colorado: White	580	99.1	0.5	9.3	1733	99.5	0.2	2.8
USA, Connecticut	632	98.7	0.0	6.0	2021	99.3	0.1	3.0
*USA, Connecticut: Black	30	96.7	0.0		90	97.8	0.0	
*USA, Connecticut: White	585	98.8	0.0		1853	99.4	0.1	
USA, Delaware	114	100.0	0.0	8.8	351	99.7	0.3	3.4
USA, Delaware: Black	11	100.0	0.0	18.2	50	100.0	0.0	8.0
USA, Delaware: White	103	100.0	0.0	7.8	293	99.7	0.3	2.7
USA, Florida	2178	99.4	0.4	9.5	6521	99.4	0.2	3.9
USA, Florida: Asian and Pacific Islander	24	100.0	0.0	12.5	123	100.0	0.0	4.1
USA, Florida: Black	102	99.0	1.0	5.9	575	99.1	0.0	3.5
USA, Florida: White	2009	99.5	0.4	9.8	5666	99.4	0.3	4.1
USA, Georgia	855	100.0	0.0	7.3	2908	99.6	0.2	3.0
USA, Georgia: Asian and Pacific Islander	6	100.0	0.0	16.7	81	100.0	0.0	1.2
USA, Georgia: Black	109	100.0	0.0	5.5	551	99.5	0.4	5.1
USA, Georgia: White	732	100.0	0.0	7.5	2246	99.6	0.1	2.5
USA, Georgia, Atlanta	326	100.0	0.0	4.9	1129	99.8	0.0	2.2
*USA, Georgia, Atlanta: Black	44	100.0	0.0		245	99.6	0.0	
*USA, Georgia, Atlanta: White	273	100.0	0.0		812	99.9	0.0	
USA, Idaho	191	99.0	0.5	9.9	701	99.4	0.1	3.0
USA, Illinois	1570	99.4	0.2	6.8	5056	99.4	0.2	4.2
USA, Illinois: Asian and Pacific Islander	41	100.0	0.0	12.2	162	100.0	0.0	1.9
USA, Illinois: Black	87	98.9	0.0	9.2	387	98.7	0.8	8.8
USA, Illinois: White	1386	99.4	0.2	6.8	4362	99.5	0.2	4.0
USA, Indiana	677	98.8	0.4	10.2	2113	99.3	0.2	3.7
USA, Indiana: Black	28	100.0	0.0	10.7	103	99.0	0.0	3.9
USA, Indiana: White	632	98.9	0.5	10.4	1945	99.3	0.3	3.8
USA, Iowa	419	97.4	0.2	10.5	1104	99.2	0.0	4.3
USA, Kentucky	520	99.4	0.0	10.0	1695	99.0	0.2	3.9
USA, Louisiana	340	99.4	0.0	8.2	1066	98.9	0.2	5.3
*USA, Louisiana: Black	37	100.0	0.0		209	97.1	1.0	
*USA, Louisiana: White	297	99.3	0.0		838	99.3	0.0	
*USA, Louisiana, New Orleans	57	98.2	0.0		184	98.4	1.1	
*USA, Louisiana, New Orleans: Black	8	100.0	0.0		53	94.3	3.8	
*USA, Louisiana, New Orleans: White	46	97.8	0.0		123	100.0	0.0	
USA, Maine	154	99.4	0.0	10.4	583	98.3	0.3	3.3
USA, Massachusetts	1206	99.4	0.4	5.6	3967	99.6	0.1	2.6
USA, Massachusetts: Asian and Pacific Islander	36	100.0	0.0	5.6	173	100.0	0.0	1.7
USA, Massachusetts: Black	32	96.9	0.0	6.2	189	99.5	0.5	3.7
USA, Massachusetts: White	1107	99.5	0.5	5.7	3481	99.6	0.1	2.7
USA, Michigan	1202	98.8	0.2	8.9	3650	99.3	0.2	3.9
USA, Michigan: Asian and Pacific Islander	16	100.0	0.0	0.0	58	98.3	1.7	1.7
USA, Michigan: Black	93	98.9	0.0	7.5	348	99.7	0.0	3.2
USA, Michigan: White	1058	98.7	0.3	9.5	3138	99.3	0.2	4.1
USA, Michigan, Detroit	547	97.8	0.2	6.6	1558	99.0	0.0	2.9
*USA, Michigan, Detroit: Black	73	91.8	0.0		258	96.9	0.0	
*USA, Michigan, Detroit: White	453	98.9	0.2		1243	99.4	0.0	
USA, Mississippi	269	99.3	0.0	10.0	829	99.6	0.1	4.2
USA, Missouri	721	99.6	0.1	9.0	2190	99.4	0.3	3.7
USA, Missouri: Black	39	100.0	0.0	15.4	181	97.8	1.1	3.9
USA, Missouri: White	659	99.5	0.2	8.6	1947	99.5	0.2	3.8
USA, Montana	121	99.2	0.8	7.4	413	98.5	0.0	2.9
USA, Montana: American Indian	3	100.0	0.0	0.0	17	100.0	0.0	5.9
USA, Nebraska	210	99.5	0.5	5.7	747	99.6	0.3	3.1
USA, Nebraska: Black	5	100.0	0.0	20.0	14	100.0	0.0	0.0
USA, Nebraska: White	201	99.5	0.5	5.5	715	99.6	0.3	3.2
USA, New Hampshire	184	99.5	0.5	8.7	604	99.7	0.2	3.1
USA, New Jersey	1436	99.1	0.2	6.8	4676	99.4	0.1	3.3
*USA, New Jersey: Black	83	98.8	0.0		344	98.5	0.3	
*USA, New Jersey: White	1248	99.2	0.2		3925	99.4	0.1	
USA, New Mexico	263	89.7	0.4	8.4	914	97.9	0.1	3.4
*USA, New Mexico: Hispanic White	70	92.9	0.0		324	97.8	0.0	
*USA, New Mexico: Non−Hispanic White	180	88.9	0.6		524	97.9	0.2	
*USA, New Mexico: White	250	90.0	0.4		848	97.9	0.1	
USA, New York State	2973	99.1	0.1	6.9	9246	99.3	0.1	3.4
USA, New York State: Asian and Pacific Islander	152	99.3	0.0	5.9	573	99.8	0.0	2.3
USA, New York State: Black	190	96.8	0.5	12.1	864	99.2	0.1	5.4
USA, New York State: White	2545	99.2	0.1	6.8	7462	99.3	0.0	3.4
USA, North Carolina	955	99.1	0.6	9.0	3166	99.5	0.3	2.9
USA, North Carolina: American Indian	6	100.0	0.0	50.0	16	100.0	0.0	0.0
USA, North Carolina: Asian and Pacific Islander	4	75.0	25.0	25.0	51	100.0	0.0	5.9
USA, North Carolina: Black	92	97.8	0.0	14.1	495	99.6	0.2	4.4
USA, North Carolina: White	840	99.3	0.6	8.2	2546	99.5	0.2	2.6
USA, North Dakota	90	98.9	0.0	8.9	242	100.0	0.0	4.1
USA, Ohio	1268	99.3	0.3	11.1	4204	99.5	0.2	4.1
USA, Ohio: Asian and Pacific Islander	4	100.0	0.0	25.0	29	96.6	0.0	0.0
USA, Ohio: Black	78	100.0	0.0	11.5	329	98.8	0.9	7.0
USA, Ohio: White	1146	99.2	0.3	11.4	3692	99.6	0.2	4.0

*Important. See note on population page.

Indices of data quality

Thyroid (C73) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	282	97.9	1.1	13.1	1013	98.1	0.3	5.1
USA, Oklahoma: American Indian	17	100.0	0.0	0.0	97	99.0	0.0	4.1
USA, Oklahoma: Black	10	90.0	10.0	20.0	45	95.6	2.2	11.1
USA, Oklahoma: White	249	98.0	0.8	14.1	850	98.1	0.2	5.1
USA, Oregon	456	98.9	0.4	9.2	1285	99.0	0.5	3.4
USA, Oregon: Asian and Pacific Islander	11	100.0	0.0	27.3	49	98.0	0.0	4.1
USA, Oregon: Black	4	100.0	0.0	0.0	13	100.0	0.0	7.7
USA, Oregon: White	410	98.8	0.5	9.5	1115	99.1	0.5	3.7
USA, Pennsylvania	2115	99.7	0.1	7.2	7427	99.6	0.1	2.9
USA, Pennsylvania: Asian and Pacific Islander	26	100.0	0.0	3.8	118	100.0	0.0	3.4
USA, Pennsylvania: Black	102	99.0	0.0	10.8	478	99.8	0.2	3.8
USA, Pennsylvania: White	1942	99.7	0.2	7.3	6624	99.6	0.1	2.9
USA, Rhode Island	187	99.5	0.0	5.9	578	99.3	0.2	3.6
USA, Rhode Island: Black	5	100.0	0.0	0.0	28	100.0	0.0	3.6
USA, Rhode Island: White	180	99.4	0.0	6.1	523	99.2	0.2	3.8
USA, South Carolina	390	98.5	0.5	8.7	1290	99.0	0.1	3.6
USA, South Carolina: Black	53	98.1	1.9	5.7	260	98.5	0.4	5.0
USA, South Carolina: White	331	98.5	0.3	9.1	1008	99.1	0.0	3.3
USA, South Dakota	80	98.8	1.2	12.5	263	99.6	0.4	3.8
USA, Tennessee	729	98.9	0.7	7.1	2316	99.1	0.5	3.8
USA, Tennessee: Black	43	100.0	0.0	9.3	219	99.1	0.9	8.2
USA, Tennessee: White	676	98.8	0.7	7.0	2053	99.1	0.5	3.3
USA, Texas	2488	98.4	0.4	8.2	7811	98.6	0.3	3.6
USA, Texas: Asian and Pacific Islander	42	95.2	0.0	7.1	187	98.9	0.0	4.3
USA, Texas: Black	146	98.6	0.0	6.2	595	98.2	0.3	5.7
USA, Texas: White	2232	98.4	0.4	8.6	6760	98.6	0.3	3.5
USA, Utah	330	99.7	0.0	8.2	1092	99.7	0.0	1.5
USA, Vermont	87	98.9	0.0	6.9	295	99.3	0.3	2.0
USA, Virginia	831	99.5	0.2	7.6	2476	99.3	0.4	3.1
USA, Virginia: Asian and Pacific Islander	25	100.0	0.0	4.0	132	98.5	1.5	3.0
USA, Virginia: Black	75	98.7	0.0	6.7	326	99.1	0.3	4.0
USA, Virginia: White	708	99.6	0.3	8.1	1907	99.3	0.3	3.1
USA, Washington State	830	99.2	0.4	7.5	2483	99.2	0.3	3.9
USA, Washington, Seattle	598	97.7	0.3	7.2	1855	99.0	0.2	3.5
USA, West Virginia	245	99.6	0.4	6.5	702	98.9	0.0	3.6
USA, Wisconsin	632	99.1	0.2	9.2	1875	99.2	0.5	5.3
USA, Wisconsin: Black	13	100.0	0.0	0.0	59	100.0	0.0	5.1
USA, Wisconsin: White	600	99.0	0.2	9.5	1763	99.2	0.5	5.3
USA, Wyoming	66	100.0	0.0	9.1	266	99.2	0.0	3.0
Asia								
Bahrain: Bahraini	22	100.0	0.0	0.0	66	100.0	0.0	19.7
China, Beijing City	428	92.1	0.0	22.2	1326	95.9	0.2	9.8
*China, Cixian County	9	100.0	0.0	55.6	18	100.0	0.0	38.9
China, Haining County	14	85.7	7.1	21.4	50	98.0	2.0	4.0
*China, Harbin City, Nangang District	43	72.1	0.0	23.3	118	81.4	0.0	11.9
China, Hong Kong	563	98.8	0.4	13.3	1926	99.6	0.2	7.0
China, Jiashan County	11	72.7	0.0	36.4	64	100.0	0.0	15.6
China, Jiaxing City	19	89.5	0.0	5.3	61	95.1	1.6	6.6
China, Macao	31	80.6	0.0	3.2	138	91.3	0.0	5.1
China, Qidong County	17	94.1	0.0	23.5	59	94.9	0.0	8.5
*China, Shanghai City	615	91.2	0.0	14.6	2100	91.9	0.0	7.7
*China, Wuhan City	191	92.1		8.9	680	95.4		3.5
*China, Yangcheng County	3	100.0		66.7	9	100.0		11.1
*China, Yanting County	2	100.0	0.0	0.0	2	100.0	0.0	0.0
*China, Zhongshan City	42	90.5		31.0	156	96.2		20.5
*India, Bangalore	111	93.7	5.4		330	96.7	2.7	
*India; Barshi, Paranda, and Bhum	5	80.0			7	85.7		
*India, Bhopal	20	100.0	0.0		42	97.6	0.0	
*India, Chennai	146	90.4	0.7		323	91.3	0.6	
*India, Dindigul, Ambilikkai	25	84.0	0.0		71	88.7	0.0	
*India, Karunagappally	20	95.0	0.0		77	96.1	0.0	
*India, Mizoram	22	100.0	0.0		47	95.7	0.0	
*India, Mumbai	214	95.3	1.9		466	91.8	1.9	
*India, New Delhi	328	83.5	0.3		734	77.9	0.0	
*India, Poona	44	100.0	0.0		101	95.0	3.0	
*India, Sikkim State	15	100.0	0.0		16	100.0	0.0	
*India, Trivandrum	35	94.3	2.9		144	97.9	0.7	
*Iran (Islamic Republic of), Golestan Province	22	63.6	13.6	22.7	64	84.4	0.0	4.7
Israel	779	97.9	1.0	12.7	2521	98.6	0.3	7.0
*Israel: Jews	697	97.7	1.1		2268	98.5	0.4	
*Israel: Non–Jews	82	100.0	0.0		253	99.2	0.0	
Japan, Aichi Prefecture	89	97.8	1.1	21.3	279	97.1	2.2	9.3
Japan, Fukui Prefecture	120	82.5	1.7	13.3	373	80.2	1.1	8.3
Japan, Hiroshima	215	98.6	0.9	5.6	785	97.8	2.0	6.8
Japan, Miyagi Prefecture	231	96.5	0.4	19.9	962	96.4	1.7	8.0
Japan, Nagasaki Prefecture	190	95.8	1.6	21.6	593	96.0	1.7	14.8
Japan, Niigata Prefecture	168	92.9	3.0	29.2	530	92.1	5.7	22.3
*Japan, Osaka Prefecture	529	89.0	6.6	26.5	1518	89.5	4.9	23.0
Japan, Saga Prefecture	52	82.7	5.8	26.9	128	84.4	3.9	34.4
Republic of Korea	9699	98.7	0.3	5.0	58098	99.0	0.2	2.0
Republic of Korea, Busan	476	96.8	0.8	9.9	3234	98.3	0.3	2.9
Republic of Korea, Daegu	481	99.4	0.2	5.2	3941	99.5	0.2	1.5
Republic of Korea, Daejeon	296	99.3	0.3	4.4	2405	99.7	0.1	1.0
Republic of Korea, Gwangju	531	99.1	0.0	2.6	3064	99.2	0.0	1.3
Republic of Korea, Incheon	283	97.5	0.0	7.4	1857	98.8	0.1	3.0
Republic of Korea, Jejudo	96	99.0	0.0	7.3	508	98.0	0.0	3.3
Republic of Korea, Seoul	2465	99.3	0.2	3.1	13883	99.3	0.1	1.6
Republic of Korea, Ulsan	233	99.6	0.0	3.9	1321	99.4	0.0	2.1

*Important. See note on population page.

Thyroid (C73) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	100	99.0	0.0	7.0	306	99.3	0.0	5.2
*Kuwait: Kuwaitis	44	97.7	0.0		182	99.5	0.0	
*Kuwait: Non−Kuwaitis	56	100.0	0.0		124	99.2	0.0	
*Malaysia, Penang	26	100.0			75	97.3		
*Malaysia, Penang: Chinese	12	100.0			43	97.7		
*Malaysia, Penang: Indian	2	100.0			8	87.5		
*Malaysia, Penang: Malay	12	100.0			22	100.0		
*Philippines, Manila	372	88.7	1.6		1579	95.1	1.2	
*Philippines, Rizal	341	91.5	2.6		1477	93.4	2.1	
Qatar: Qatari	8	100.0	0.0	12.5	32	100.0	0.0	3.1
*Saudi Arabia, Riyadh: Saudi	161	100.0	0.0		705	99.4	0.0	
Singapore	215	98.6	0.0	12.1	650	99.4	0.2	11.4
Singapore: Chinese	172	98.8	0.0	12.8	498	99.4	0.2	11.2
Singapore: Indian	12	100.0	0.0	8.3	39	100.0	0.0	7.7
Singapore: Malay	28	100.0	0.0	10.7	96	100.0	0.0	12.5
Thailand, Bangkok	773	79.3	18.9	4.7	1109	82.8	11.2	5.0
Thailand, Chiang Mai	47	95.7	2.1	42.6	179	96.6	0.6	23.5
Thailand, Chonburi	43	90.7	0.0	20.9	216	93.1	0.9	18.1
*Thailand, Khon Kaen	42	97.6	0.0		241	88.8	0.8	
Thailand, Lampang	20	95.0	5.0	10.0	113	92.0	0.9	6.2
*Thailand, Songkhla	45	97.8	0.0		147	96.6	0.0	
*Turkey, Antalya	83	97.6	0.0	9.6	329	97.3	0.0	3.3
*Turkey, Edirne	19	89.5	0.0		75	92.0	0.0	
*Turkey, Izmir	343	99.1	0.3		1517	98.8	0.3	
*Turkey, Trabzon	33	93.9	3.0		206	97.1	0.0	
Europe								
Austria	1075	98.0	0.8	13.9	2690	97.9	0.7	9.4
Austria, Tyrol	107	99.1	0.9	14.0	222	100.0	0.0	12.6
Austria, Vorarlberg	21	95.2	0.0	9.5	63	98.4	0.0	23.8
*Belarus	975	99.9			4465	99.7		
*Belgium	691	99.7		15.3	2018	99.9		9.8
Bulgaria	245	87.3	6.1	45.3	993	92.2	3.7	16.6
Croatia	419	90.7	1.0	14.6	1713	94.8	0.6	6.6
Cyprus	90	98.9	1.1	5.6	301	99.0	1.0	3.7
Czech Republic	766	96.9	0.3	17.0	3054	98.5	0.1	9.6
Denmark	243	99.2	0.0	26.7	633	97.9	0.0	19.0
*Estonia	64	96.9		46.9	307	97.7		18.2
Finland	439	99.3	0.2	19.1	1344	99.2	0.0	10.9
*France, Bas−Rhin	89	100.0		14.6	255	99.2		7.1
*France, Calvados	61	100.0		14.8	237	99.2		5.5
*France, Doubs	55	100.0		10.9	173	99.4		4.6
*France, Haut−Rhin	64	100.0		17.2	139	99.3		10.1
*France, Hérault	83	98.8		15.7	261	99.6		7.7
*France, Isère	242	100.0		3.3	777	99.7		3.0
*France, Loire−Atlantique	145	99.3		8.3	484	99.8		4.5
*France, Manche	51	100.0		3.9	127	100.0		4.7
*France, Somme	66	100.0		15.2	229	100.0		5.7
*France, Tarn	50	100.0		12.0	145	100.0		6.2
*France, Vendée	110	100.0		7.3	342	100.0		5.0
Germany, Brandenburg	274	96.4	1.8	15.7	690	97.0	2.0	10.7
Germany, Bremen	39	100.0	0.0	17.9	117	96.6	1.7	13.7
Germany, Free State of Saxony	364	97.5	1.9	22.8	830	96.1	3.1	21.0
Germany, Hamburg	71	91.5	2.8	31.0	194	86.6	2.1	17.5
Germany, Mecklenburg−Western Pomerania	138	97.8	1.4	13.8	388	98.5	1.5	11.9
Germany, Munich	533	97.2	2.3	14.4	1396	97.7	1.8	8.7
Germany, North Rhine−Westphalia	182	89.0	1.1	13.7	442	92.5	2.9	11.8
Germany, Saarland	69	98.6	1.4	31.9	177	97.2	2.3	15.8
Germany, Schleswig−Holstein	176	88.1	8.5	24.4	437	93.8	5.5	13.5
Iceland	37	100.0	0.0	18.9	108	99.1	0.0	6.5
Ireland	166	97.6	0.0	25.3	430	98.4	0.0	14.9
Italy, Biella	25	100.0	0.0	16.0	70	97.1	1.4	11.4
Italy, Brescia	193	92.7	0.0	4.7	535	90.3	0.2	4.3
Italy, Catania and Messina	210	98.1	0.0	7.6	873	99.5	0.0	5.5
Italy, Catanzaro	35	94.3	0.0	5.7	105	97.1	0.0	9.5
Italy, Como	70	100.0	0.0	20.0	175	98.3	0.0	8.0
Italy, Ferrara	118	100.0	0.0	9.3	403	99.0	0.2	5.0
Italy, Florence and Prato	113	96.5	0.0	15.0	310	90.6	0.0	7.7
Italy, Friuli−Venezia Giulia	172	94.8	0.6	14.5	502	98.2	0.0	8.6
Italy, Genoa	119	97.5	0.0	15.1	347	97.1	0.6	11.5
Italy, Latina	170	95.3	0.0	1.2	549	95.6	0.0	2.6
Italy, Lecco	41	85.4	0.0	12.2	106	83.0	0.0	10.4
Italy, Lombardy, South	48	79.2	0.0	16.7	174	78.2	0.0	7.5
Italy, Mantua	55	89.1	0.0	9.1	148	89.9	0.0	2.0
Italy, Milan	161	98.1	0.0	13.0	368	98.1	0.3	12.8
Italy, Modena	219	100.0	0.0	6.8	585	99.7	0.0	3.9
Italy, Naples	91	97.8	1.1	9.9	217	98.2	0.0	3.7
Italy, Nuoro	53	94.3	0.0	5.7	203	94.6	0.5	4.4
Italy, Palermo	146	86.3	0.7	13.0	540	90.9	0.2	5.6
Italy, Parma	119	100.0	0.0	3.4	373	99.5	0.3	4.8
Italy, Ragusa	41	97.6	0.0	9.1	206	99.0	0.5	7.3
Italy, Reggio Emilia	124	96.0	0.0	10.5	340	97.9	0.0	5.9
Italy, Romagna	269	94.8	0.4	7.4	976	96.7	0.1	3.8
Italy, Salerno	153	84.3	0.0	15.7	537	86.6	0.0	9.3
Italy, Sassari	93	96.8	1.1	6.5	326	98.5	0.0	3.7
Italy, Sondrio	29	100.0	0.0	6.9	68	95.6	0.0	14.7
Italy, South Tyrol	39	94.9	2.6	25.6	96	100.0	0.0	11.5

*Important. See note on population page.

Indices of data quality

Thyroid (C73) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	56	96.4	0.0	12.5	196	97.4	0.5	5.6
Italy, Trapani	49	98.0	2.0	10.2	134	97.0	0.0	6.0
Italy, Trento	46	97.8	0.0	19.6	157	96.8	0.0	3.8
Italy, Turin	124	97.6	0.8	16.1	406	99.8	0.2	7.6
Italy, Umbria	122	98.4	0.0	20.5	359	96.7	0.0	8.1
Italy, Varese	120	95.8	0.0	15.0	289	95.2	0.0	10.7
Italy, Veneto	230	100.0	0.0	13.9	749	98.4	0.3	9.3
Latvia	103	86.4	4.9	38.8	429	93.0	3.3	16.8
Lithuania	228	95.2	1.8	19.7	1406	98.4	0.6	7.3
Malta	28	96.4	3.6	35.7	107	100.0	0.0	12.1
*Netherlands	651	99.8		20.7	1561	99.4		20.8
*Netherlands, Eindhoven	49	100.0		16.3	88	100.0		18.2
Norway	317	98.7	0.9	18.9	780	98.7	0.3	15.5
Poland, Cracow	34	100.0	0.0	29.4	190	94.2	0.5	20.5
Poland, Kielce	76	98.7	0.0	21.1	405	99.0	0.5	7.7
Poland, Lower Silesia	101	92.1	0.0	28.7	380	89.5	0.3	18.7
Poland, Podkarpackie	88	94.3	1.1	25.0	391	95.4	1.0	15.1
Portugal, Azores	26	100.0	0.0	6.4	65	100.0	0.0	15.4
Russian Federation, Saint Petersburg	203	84.7	0.5		1109	92.9	0.0	
*Serbia, Central	208	82.7	1.0	37.5	635	86.9	2.4	26.6
Slovakia	254	93.7	4.7	24.8	954	95.5	3.0	13.2
Slovenia	141	100.0	0.0	15.6	529	99.8	0.0	10.0
Spain, Albacete	17	100.0	0.0	17.6	68	97.1	1.5	13.2
Spain, Asturias	66	98.5	0.0	19.7	241	99.6	0.4	25.7
Spain, Basque Country	168	98.2	0.0	17.3	532	99.1	0.4	10.0
Spain, Canary Islands	81	98.8	0.0	18.5	318	98.4	0.3	9.4
Spain, Ciudad Real	20	100.0	0.0	15.0	108	98.1	0.0	10.2
Spain, Cuenca	12	91.7	0.0	33.3	38	97.4	2.6	15.8
Spain, Girona	36	94.4	0.0	11.1	145	99.3	0.0	4.1
*Spain, Granada	57	100.0		14.0	178	100.0		8.4
Spain, La Rioja	12	100.0	0.0	16.7	57	98.2	0.0	15.8
Spain, Mallorca	47	95.7	2.1	17.7	140	100.0	0.0	9.5
Spain, Murcia	103	99.0	0.0	10.7	363	98.3	0.0	5.0
Spain, Navarra	56	100.0	0.0	7.1	181	99.4	0.0	9.4
Spain, Tarragona	40	97.5	0.0	20.0	100	96.0	0.0	13.0
*Sweden	438	100.0		27.4	1154	99.8		20.2
Switzerland, Basel	41	100.0	0.0	19.5	100	100.0	0.0	19.0
Switzerland, Geneva	69	100.0	0.0	4.3	148	100.0	0.0	6.1
Switzerland, Graubünden and Glarus	20	95.0	0.0	10.0	46	97.8	2.2	15.2
Switzerland, Neuchâtel	17	100.0	0.0	35.3	36	100.0	0.0	25.0
Switzerland, St Gall–Appenzell	41	97.6	0.0	14.6	137	98.5	0.0	19.7
Switzerland, Ticino	21	100.0	0.0	9.5	98	100.0	0.0	7.1
Switzerland, Valais	31	100.0	0.0	9.7	61	98.4	0.0	11.5
Switzerland, Vaud	49	100.0	0.0	28.6	126	100.0	0.0	8.7
Switzerland, Zurich	116	100.0	0.0	12.1	295	99.7	0.3	10.8
Ukraine	2167	92.3	0.2		10076	95.2	0.1	
UK, England	2070	95.8	0.3	24.9	5780	95.3	0.8	15.6
UK, England, East of England Region	234	96.2	0.9	33.3	605	96.0	0.7	19.5
UK, England, North Western	255	92.2	0.0	24.3	702	90.2	0.1	14.0
UK, England, Northern and Yorkshire	271	98.2	0.4	25.8	876	98.4	0.0	13.9
UK, England, Oxford Region	120	96.7	0.0	18.3	351	97.4	0.3	14.0
UK, England, South and Western Regions	283	93.6	0.0	21.9	800	92.9	0.6	16.6
UK, England, Thames	473	95.1	0.2	25.2	1262	94.6	1.7	16.8
UK, England, Trent	146	97.9	0.0	22.6	354	97.5	0.3	13.6
UK, England, West Midlands	222	98.6	0.9	24.3	650	97.8	1.1	14.8
UK, Northern Ireland	55	96.4	0.0	29.1	172	97.7	1.2	20.3
UK, Scotland	227	96.9	0.0	20.3	587	99.0	0.2	14.7
UK, Wales	119	82.4	1.7	25.2	266	85.3	1.1	22.2
Oceania								
Australian Capital Territory	33	100.0	0.0	6.1	72	100.0	0.0	2.8
Australia, New South Wales	713	98.3	0.0	9.1	2343	97.6	0.1	4.0
Australia, Northern Territory	13	100.0	0.0	15.4	36	97.2	0.0	5.6
Australia, Northern Territory: Indigenous	4	100.0	0.0	50.0	12	91.7	0.0	16.7
Australia, Northern Territory: Non–Indigenous	9	100.0	0.0	0.0	23	100.0	0.0	0.0
Australia, Queensland	455	98.2	0.0	10.8	1364	98.9	0.0	3.7
South Australia	119	98.3	0.0	14.3	323	99.4	0.0	6.8
Australia, Tasmania	40	97.5	0.0	27.5	103	98.1	0.0	10.7
Australia, Victoria	396	97.7	1.0	10.6	1156	99.0	0.3	6.0
Western Australia	203	100.0	0.0	12.3	578	99.1	0.0	4.8
New Zealand	291	96.6	1.4	14.4	734	97.8	0.5	11.3
New Zealand: Maori	50	98.0	2.0	16.0	119	100.0	0.0	8.4
New Zealand: Pacific Islander	22	90.9	4.5	4.5	62	98.4	0.0	17.7
New Zealand: Other	219	96.8	0.9	15.1	553	97.3	0.7	11.2
USA, Hawaii	184	97.3	0.0	7.6	595	99.5	0.0	4.2
*USA, Hawaii: Chinese	11	90.9	0.0		48	100.0	0.0	
*USA, Hawaii: Filipino	51	98.0	0.0		162	99.4	0.0	
*USA, Hawaii: Hawaiian	29	93.1	0.0		92	98.9	0.0	
*USA, Hawaii: Japanese	25	100.0	0.0		92	98.9	0.0	
*USA, Hawaii: White	49	98.0	0.0		110	100.0	0.0	

*Important. See note on population page.

Indices of data quality

Lymphoma (C81-90,C96)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	223	98.7			148	98.6		
Egypt, Gharbiah	1455	95.9	1.1	30.0	988	96.1	1.0	32.9
*Libya, Benghazi	144	91.0	6.2	38.2	127	96.1	3.9	28.3
*Malawi, Blantyre	329	66.9			226	67.7		
*South Africa, PROMEC	22	50.0			24	75.0		
*Tunisia, North	673	100.0			468	100.0		
*Uganda, Kyadondo County	364	65.9	0.0		304	65.5	0.0	
*Zimbabwe, Harare: African	192	91.1	6.2		175	88.0	8.6	
America, Central and South								
Argentina, Bahía Blanca	126	91.3	8.7	42.1	132	92.4	6.8	36.4
Argentina, Córdoba	379	94.5	5.5	50.1	350	93.1	6.9	46.3
Argentina, Mendoza	532	99.4	0.4	38.9	489	99.0	0.6	38.9
*Argentina, Tierra del Fuego	22	100.0	0.0	45.5	27	92.6	3.7	40.7
Brazil, Aracaju	105	93.3	3.8	29.5	91	95.6	4.4	38.5
Brazil, Belo Horizonte	387	81.9	16.8	47.3	404	82.9	15.1	43.8
Brazil, Cuiabá	118	89.0	6.8	45.8	109	76.1	11.9	43.1
Brazil, Fortaleza	338	88.8	10.7	50.3	331	84.3	13.6	48.6
Brazil, Goiânia	420	91.7	6.4	34.5	380	92.1	5.8	38.7
*Brazil, São Paulo	3773	90.4	9.6	38.1	3603	89.7	10.3	41.0
Chile, Region of Antofagasta	96	100.0	0.0	65.6	102	100.0	0.0	49.0
Chile, Bío Bío Province	86	98.8	1.2	54.7	74	94.6	4.1	45.9
Chile, Valdivia	100	99.0	0.0	69.0	84	100.0	0.0	60.7
Colombia, Bucaramanga	256	96.5	0.8	55.5	184	96.7	0.5	57.1
Colombia, Cali	713	95.9	1.4	36.5	668	95.8	0.9	38.9
Colombia, Manizales	113	97.3	0.0	35.4	97	97.9	1.0	50.5
Colombia, Pasto	92	97.8	1.1	48.9	88	96.6	1.1	38.6
Costa Rica	1009	100.0	0.0	57.9	796	100.0	0.0	60.3
Cuba, Villa Clara	255	98.4	1.6	69.4	193	99.0	0.5	63.2
Ecuador, Cuenca	88	95.5	2.3	58.0	125	96.0	0.0	45.6
Ecuador, Quito	497	98.4	0.6	39.2	419	99.3	0.5	43.4
*France, Martinique	239	98.7		42.7	183	95.1		56.8
*Jamaica, Kingston and St Andrew	154	86.4			134	85.1		
USA, Puerto Rico	2245	90.7	5.2	36.6	1694	88.5	6.0	39.7
Uruguay	923	98.5	0.0	55.8	825	98.7	0.0	57.1
America, North								
Canada	30894	89.7	0.5	34.4	23124	87.4	0.9	40.2
Canada, Alberta	3617	98.0	0.1	24.4	2287	96.9	0.1	30.8
Canada, British Columbia	5133	96.7	0.5	27.7	3165	95.2	0.8	34.9
Canada, Manitoba	1545	92.0	0.4	27.6	1046	90.0	1.2	39.5
Canada, New Brunswick	705	98.4	0.0	37.3	563	98.4	0.0	38.7
Canada, Newfoundland and Labrador	440	98.9	0.0	28.4	326	97.9	0.0	34.0
*Canada, Northwest Territories	21	95.2	0.0	28.6	12	100.0	0.0	16.7
Canada, Nova Scotia	1234	97.4	0.2	29.5	862	95.9	0.6	37.8
Canada, Ontario	9707	88.4	0.7	42.7	8317	85.8	1.2	43.2
Canada, Prince Edward Island	194	98.5	0.0	22.7	113	98.2	0.0	38.9
*Canada, Quebec	7037	77.4	0.9	36.1	5560	76.2	1.2	41.5
Canada, Saskatchewan	1236	96.9	0.1	30.5	856	95.4	0.6	37.4
*Canada, Yukon	25	88.0	0.0	40.0	17	100.0	0.0	41.2
USA, NPCR (42 states)	305189	96.7	0.9	25.8	208154	95.2	1.3	33.3
USA, NPCR (42 states): American Indian	1104	95.8	1.2	27.7	847	94.5	1.4	32.8
USA, NPCR (42 states): Asian and Pacific Islander	4431	97.5	0.4	31.1	3497	96.0	0.6	34.3
USA, NPCR (42 states): Black	23252	94.3	1.4	33.0	20075	92.6	1.8	37.5
USA, NPCR (42 states): White	270717	96.9	0.9	25.6	179908	95.4	1.3	33.6
USA, SEER (9 registries)	33527	97.2	0.5	23.9	22292	95.9	0.9	30.8
*USA, SEER (9 registries): Black	2524	96.1	0.4		2117	94.5	1.4	
*USA, SEER (9 registries): White	28772	97.3	0.5		18555	96.1	0.9	
USA, SEER (18 registries)	91789	97.0	0.5	23.3	61164	95.6	0.9	30.3
*USA, SEER (18 registries): Asian and Pacific Islander	4104	97.6	0.2		3018	96.6	0.5	
*USA, SEER (18 registries): Black	7057	94.8	0.7		5724	93.6	1.4	
*USA, SEER (18 registries): Hispanic White	7687	96.4	0.7		5738	96.8	0.5	
*USA, SEER (18 registries): Non−Hispanic White	71328	97.3	0.5		45515	95.6	0.9	
*USA, SEER (18 registries): White	79015	97.2	0.5		51253	95.8	0.9	
USA, Alabama	4638	96.9	0.6	31.4	3275	95.1	1.1	42.7
USA, Alabama: Black	725	95.3	0.8	39.9	623	91.8	1.4	49.3
USA, Alabama: White	3837	97.3	0.6	30.3	2596	95.9	1.1	41.8
USA, Alaska	613	98.5	0.0	17.8	340	97.1	0.3	25.3
*USA, Alaska: American Indian	54	98.1	0.0	14.8	41	95.1	0.0	34.1
USA, Arizona	6010	95.0	1.5	28.0	3795	92.5	2.3	34.9
USA, Arizona: American Indian	95	90.5	3.2	41.1	91	85.7	3.3	50.5
USA, Arizona: Asian and Pacific Islander	35	94.3	2.9	34.3	30	93.3	0.0	23.3
USA, Arizona: Black	126	94.4	1.6	30.2	80	88.8	5.0	41.2
USA, Arizona: White	5668	95.1	1.4	28.1	3521	92.7	2.3	35.1
USA, Arkansas	3247	96.9	0.0	28.8	2158	96.4	0.0	36.2
USA, Arkansas: Black	253	95.7	0.0	42.3	223	94.6	0.0	37.7
USA, Arkansas: White	2930	97.0	0.0	28.1	1897	96.5	0.0	36.6
USA, California	36341	97.2	0.5	25.4	23606	96.0	0.6	32.8
USA, California: American Indian	117	97.4	0.0	23.9	86	91.9	1.2	24.4
USA, California: Asian and Pacific Islander	2367	98.1	0.2	31.4	1826	96.1	0.5	36.0
USA, California: Black	1929	95.9	0.6	31.0	1454	95.0	0.8	42.4
USA, California: White	30965	97.2	0.5	25.4	19564	96.1	0.6	32.9
USA, California, Los Angeles County	8826	97.8	0.5	24.8	6135	97.1	0.7	32.6
*USA, California, Los Angeles County: Asian and Pacific Islander	800	98.4	0.0		608	97.7	0.3	
*USA, California, Los Angeles County: Black	799	96.4	0.5		684	96.2	0.9	
*USA, California, Los Angeles County: Chinese	252	97.6	0.0		140	97.1	0.7	
*USA, California, Los Angeles County: Filipino	193	99.5	0.0		194	98.5	0.0	
*USA, California, Los Angeles County: Hispanic White	1990	97.0	0.7		1513	97.8	0.5	

*Important. See note on population page.

Lymphoma (C81-90,C96) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	114	98.2	0.0		100	97.0	1.0	
*USA, California, Los Angeles County: Korean	91	98.9	0.0		62	98.4	0.0	
*USA, California, Los Angeles County: Non−Hispanic White	5019	98.3	0.5		3168	96.7	0.8	
*USA, California, Los Angeles County: White	7009	97.9	0.5		4681	97.1	0.7	
USA, California, San Francisco Bay Area	4977	97.2	0.5	25.9	3098	95.8	0.6	33.7
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	619	98.1	0.3		438	94.5	0.2	
*USA, California, San Francisco Bay Area: Black	368	97.0	0.0		300	93.7	0.3	
*USA, California, San Francisco Bay Area: Hispanic White	476	95.8	1.1		336	96.1	0.6	
*USA, California, San Francisco Bay Area: Non−Hispanic White	3410	97.2	0.5		1953	96.2	0.8	
*USA, California, San Francisco Bay Area: White	3886	97.0	0.5		2289	96.2	0.8	
USA, Colorado	4601	95.7	1.4	25.2	3078	94.0	1.7	29.8
USA, Colorado: Asian and Pacific Islander	40	95.0	0.0	32.5	44	93.2	2.3	29.5
USA, Colorado: Black	117	94.0	2.6	37.6	89	84.3	3.4	37.1
USA, Colorado: White	4301	95.7	1.4	25.6	2824	94.2	1.7	30.7
USA, Connecticut	5145	98.2	0.6	21.5	3524	96.5	1.2	29.6
*USA, Connecticut: Black	276	98.6	0.4		235	96.6	1.7	
*USA, Connecticut: White	4783	98.1	0.6		3234	96.4	1.2	
USA, Delaware	1171	96.5	1.0	22.7	751	94.3	2.1	27.7
USA, Delaware: Black	135	94.1	0.7	26.7	109	91.7	1.8	35.8
USA, Delaware: White	1016	96.9	1.1	22.4	627	94.7	2.2	26.8
USA, Florida	23922	98.1	1.3	27.4	15427	98.1	1.1	33.9
USA, Florida: Asian and Pacific Islander	86	98.8	0.0	33.7	86	100.0	0.0	41.9
USA, Florida: Black	1735	96.9	1.5	35.0	1500	96.8	1.3	34.6
USA, Florida: White	21676	98.1	1.3	27.3	13592	98.2	1.2	34.3
USA, Georgia	8245	96.9	0.8	25.2	5658	94.6	2.0	33.5
USA, Georgia: Asian and Pacific Islander	44	100.0	0.0	29.5	35	97.1	0.0	34.3
USA, Georgia: Black	1624	94.6	1.2	30.4	1304	93.8	1.8	36.4
USA, Georgia: White	6526	97.4	0.8	24.1	4289	94.8	2.1	32.9
USA, Georgia, Atlanta	2581	97.1	0.7	22.5	1841	95.7	1.0	29.1
*USA, Georgia, Atlanta: Black	740	95.1	0.7		575	94.1	0.9	
*USA, Georgia, Atlanta: White	1794	97.8	0.7		1227	96.5	1.0	
USA, Idaho	1659	94.8	1.7	25.0	1054	94.1	1.7	33.6
USA, Illinois	14684	97.3	0.9	25.2	10200	96.0	1.6	34.5
USA, Illinois: Asian and Pacific Islander	138	97.8	0.7	35.5	118	99.2	0.8	44.9
USA, Illinois: Black	1312	95.0	1.8	31.6	1162	93.5	3.6	37.8
USA, Illinois: White	12866	97.5	0.8	25.1	8724	96.2	1.4	34.6
USA, Indiana	7167	96.7	1.1	28.3	5176	95.7	1.3	33.7
USA, Indiana: Black	358	95.3	1.4	41.1	326	94.5	0.6	33.7
USA, Indiana: White	6649	96.7	1.1	28.3	4744	95.8	1.3	34.3
USA, Iowa	4395	97.0	0.6	24.3	2833	95.9	1.1	34.3
USA, Kentucky	5219	95.6	0.5	26.0	3566	93.1	0.9	33.2
USA, Louisiana	4052	96.3	0.6	27.0	2749	94.3	1.0	34.9
*USA, Louisiana: Black	877	91.9	0.8		655	91.5	1.5	
*USA, Louisiana: White	3143	97.5	0.6		2068	95.1	0.9	
*USA, Louisiana, New Orleans	786	97.2	0.3		570	96.1	1.2	
*USA, Louisiana, New Orleans: Black	215	95.3	0.0		167	94.6	1.2	
*USA, Louisiana, New Orleans: White	564	97.9	0.4		395	96.7	1.3	
USA, Maine	2070	95.7	0.5	23.2	1435	94.1	1.1	28.0
USA, Massachusetts	9364	97.2	0.9	21.3	6195	95.7	1.3	30.8
USA, Massachusetts: Asian and Pacific Islander	100	99.0	0.0	18.0	68	98.5	1.5	30.9
USA, Massachusetts: Black	304	96.7	1.3	31.6	235	94.0	1.7	31.5
USA, Massachusetts: White	8817	97.2	0.9	21.3	5805	95.7	1.3	31.2
USA, Michigan	13179	95.5	0.9	25.6	9137	94.7	1.1	32.2
USA, Michigan: Asian and Pacific Islander	61	96.7	0.0	37.7	53	96.2	0.0	34.0
USA, Michigan: Black	1188	94.0	0.3	30.2	1060	92.7	0.7	33.3
USA, Michigan: White	11608	95.6	0.9	25.7	7818	94.9	1.2	32.7
USA, Michigan, Detroit	5325	97.7	0.3	23.7	3917	96.8	0.9	29.4
*USA, Michigan, Detroit: Black	857	96.0	0.4		816	95.5	1.5	
*USA, Michigan, Detroit: White	4357	98.0	0.3		3014	97.1	0.8	
USA, Mississippi	2750	94.3	2.0	29.8	2042	92.6	3.1	36.5
USA, Missouri	6759	96.2	1.0	27.9	4768	94.6	1.6	35.0
USA, Missouri: Black	455	94.5	1.1	34.3	389	95.1	1.3	34.4
USA, Missouri: White	6214	96.3	0.9	27.6	4314	94.5	1.6	35.4
USA, Montana	1271	96.6	1.5	25.8	739	95.3	2.2	36.9
USA, Montana: American Indian	46	95.7	0.0	30.4	30	100.0	0.0	33.3
USA, Nebraska	2240	96.8	1.2	24.9	1593	95.5	1.6	34.3
USA, Nebraska: Black	61	100.0	0.0	16.4	34	94.1	2.9	38.2
USA, Nebraska: White	2129	96.7	1.2	25.5	1515	95.5	1.5	34.7
USA, New Hampshire	1839	96.4	0.4	20.6	1224	94.6	0.9	28.8
USA, New Jersey	11876	97.4	0.4	22.7	8173	96.0	0.8	31.1
*USA, New Jersey: Black	971	95.0	0.6		864	91.9	1.3	
*USA, New Jersey: White	10323	97.7	0.4		6946	96.4	0.7	
USA, New Mexico	1784	94.4	1.7	29.7	1248	92.7	2.6	33.6
*USA, New Mexico: Hispanic White	431	93.5	2.1		372	94.1	1.3	
*USA, New Mexico: Non−Hispanic White	1276	94.7	1.4		787	92.8	2.9	
*USA, New Mexico: White	1707	94.4	1.6		1159	93.2	2.4	
USA, New York State	24994	96.7	0.3	21.6	17971	94.7	0.5	28.1
USA, New York State: Asian and Pacific Islander	445	96.4	0.0	26.7	309	94.2	0.0	31.7
USA, New York State: Black	2395	94.6	0.3	27.6	2314	93.1	0.6	30.9
USA, New York State: White	21670	96.9	0.3	21.3	15019	94.9	0.5	28.2
USA, North Carolina	9539	96.6	1.4	26.5	6738	94.8	2.2	35.3
USA, North Carolina: American Indian	44	93.2	2.3	31.8	41	97.6	2.4	31.7
USA, North Carolina: Asian and Pacific Islander	35	94.3	2.9	28.6	32	96.9	3.1	28.1
USA, North Carolina: Black	1308	93.8	2.3	32.8	1207	92.4	2.7	39.6
USA, North Carolina: White	8053	97.1	1.2	25.7	5401	95.4	2.0	34.8
USA, North Dakota	899	97.9	0.6	24.9	575	96.5	0.7	34.4
USA, Ohio	13971	97.6	0.7	27.8	9697	96.4	1.3	36.7
USA, Ohio: Asian and Pacific Islander	48	95.8	0.0	20.8	31	100.0	0.0	41.9
USA, Ohio: Black	979	95.9	1.6	39.0	842	95.1	1.2	39.1
USA, Ohio: White	12576	97.7	0.7	27.8	8546	96.5	1.3	37.6

*Important. See note on population page.

Lymphoma (C81-90,C96) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	3917	97.4	1.0	29.6	2935	97.9	0.6	33.7
USA, Oklahoma: American Indian	251	96.8	0.4	25.9	200	95.0	2.0	25.0
USA, Oklahoma: Black	165	98.2	1.2	33.9	169	96.4	1.2	34.9
USA, Oklahoma: White	3443	97.3	1.0	29.9	2513	98.2	0.5	34.9
USA, Oregon	4875	96.2	1.1	26.6	3054	95.4	1.4	35.7
USA, Oregon: Asian and Pacific Islander	55	94.5	1.8	41.8	43	90.7	0.0	48.8
USA, Oregon: Black	48	89.6	2.1	41.7	25	96.0	4.0	40.0
USA, Oregon: White	4577	96.2	1.2	27.2	2858	95.3	1.4	36.8
USA, Pennsylvania	18296	96.8	0.9	25.2	12732	95.1	1.4	34.6
USA, Pennsylvania: Asian and Pacific Islander	80	98.8	0.0	27.5	61	96.7	0.0	19.7
USA, Pennsylvania: Black	1039	94.4	1.3	30.8	887	91.9	1.9	40.1
USA, Pennsylvania: White	16896	97.0	0.9	25.3	11586	95.3	1.4	34.8
USA, Rhode Island	1630	97.7	0.7	20.1	1083	96.0	1.1	30.1
USA, Rhode Island: Black	41	100.0	0.0	22.0	23	100.0	0.0	26.1
USA, Rhode Island: White	1565	97.7	0.8	20.1	1040	95.9	1.2	30.7
USA, South Carolina	4624	94.5	1.4	26.9	3237	92.4	2.6	37.3
USA, South Carolina: Black	800	89.8	2.6	37.6	774	87.9	2.8	43.3
USA, South Carolina: White	3769	95.5	1.2	24.9	2413	93.8	2.5	36.1
USA, South Dakota	975	95.8	0.9	29.0	638	94.2	1.4	37.0
USA, Tennessee	6208	95.6	2.4	32.1	4546	94.4	2.9	38.8
USA, Tennessee: Black	564	90.4	6.0	46.3	529	90.9	2.5	42.5
USA, Tennessee: White	5567	96.1	2.1	31.0	3959	94.8	3.0	38.8
USA, Texas	20526	95.1	1.1	26.7	14677	92.4	1.8	32.4
USA, Texas: Asian and Pacific Islander	184	95.7	0.5	41.8	140	93.6	0.7	27.9
USA, Texas: Black	1879	93.5	1.3	31.2	1532	89.8	1.8	35.8
USA, Texas: White	17956	95.3	1.0	26.7	12665	92.7	1.9	32.8
USA, Utah	2043	97.4	0.0	26.0	1324	96.2	0.2	31.9
USA, Vermont	870	97.5	0.3	22.0	592	95.3	1.0	28.5
USA, Virginia	7800	95.7	1.8	27.0	5289	93.8	2.5	35.4
USA, Virginia: Asian and Pacific Islander	113	94.7	3.5	34.5	94	96.8	1.1	41.5
USA, Virginia: Black	1043	90.8	3.5	37.9	903	88.4	4.7	39.4
USA, Virginia: White	6459	96.5	1.6	25.8	4185	94.8	2.1	35.2
USA, Washington State	8238	96.8	0.4	23.2	5144	95.2	0.8	30.2
USA, Washington, Seattle	5950	96.7	0.2	22.0	3705	95.5	0.5	27.6
USA, West Virginia	2453	97.1	1.1	29.5	1740	95.7	1.1	36.3
USA, Wisconsin	7404	97.1	1.9	24.8	5217	95.6	2.6	31.6
USA, Wisconsin: Black	192	97.4	2.6	22.9	155	96.1	2.6	34.8
USA, Wisconsin: White	7038	97.1	1.9	25.2	4948	95.5	2.7	32.1
USA, Wyoming	597	97.0	0.0	26.8	352	94.6	0.6	40.3
Asia								
Bahrain: Bahraini	95	98.9	1.1	45.3	72	93.1	1.4	30.6
China, Beijing City	1822	99.7	0.0	55.5	1287	99.9	0.0	50.6
*China, Cixian County	39	94.9	0.0	61.5	29	96.6	0.0	82.8
China, Haining County	106	100.0	0.0	68.9	73	100.0	0.0	60.3
*China, Harbin City, Nangang District	84	63.1	2.4	107.1	67	71.6	6.0	88.1
China, Hong Kong	2408	96.8	0.8	51.0	1956	97.3	1.1	45.2
China, Jiashan County	84	100.0	0.0	63.1	48	100.0	0.0	68.8
China, Jiaxing City	63	92.1	0.0	66.7	52	92.3	0.0	53.8
China, Macao	96	85.4	7.3	52.1	86	89.5	3.5	47.7
China, Qidong County	272	100.0	0.0	76.5	170	100.0	0.0	71.2
*China, Shanghai City	1798	79.2	0.3	68.0	1434	81.8	0.3	62.3
*China, Wuhan City	937	97.4		59.7	659	97.0		48.9
*China, Yangcheng County	46	100.0		4.3	46	100.0		0.0
*China, Yanting County	94	100.0	0.0	47.9	28	100.0	0.0	67.9
*China, Zhongshan City	160	98.8		73.1	129	100.0		55.8
*India, Bangalore	660	98.5	1.4		376	98.1	1.1	
*India; Barshi, Paranda, and Bhum	36	97.2			18	100.0		
*India, Bhopal	181	99.4	0.6		98	100.0	0.0	
*India, Chennai	775	99.1	0.9		447	99.1	0.9	
*India, Dindigul, Ambilikkai	113	100.0	0.0		54	100.0	0.0	
*India, Karunagappally	57	100.0	0.0		43	95.3	0.0	
*India, Mizoram	64	100.0	0.0		40	100.0	0.0	
*India, Mumbai	1897	100.0	0.0		1076	100.0	0.0	
*India, New Delhi	2675	100.0	0.0		1217	100.0	0.0	
*India, Poona	416	100.0	0.0		241	100.0	0.0	
*India, Sikkim State	11	100.0	0.0		20	100.0	0.0	
*India, Trivandrum	133	99.2	0.0		105	100.0	0.0	
*Iran (Islamic Republic of), Golestan Province	219	100.0	0.0	5.0	128	100.0	0.0	3.1
Israel	4719	97.5	2.0	33.3	4367	96.7	2.4	35.0
*Israel: Jews	4214	97.3	2.1		3966	96.6	2.4	
*Israel: Non–Jews	505	98.6	1.2		401	97.3	2.5	
Japan, Aichi Prefecture	707	88.8	4.2	42.7	479	86.2	6.5	46.3
Japan, Fukui Prefecture	572	83.0	2.8	48.6	422	81.3	4.3	51.4
Japan, Hiroshima	1013	93.2	3.0	27.2	685	90.1	6.0	31.7
Japan, Miyagi Prefecture	1608	93.0	2.1	36.9	1170	91.5	3.8	42.3
Japan, Nagasaki Prefecture	1177	91.8	3.7	41.2	882	87.3	6.2	46.1
Japan, Niigata Prefecture	1212	90.2	6.8	63.6	1024	85.4	10.3	64.6
*Japan, Osaka Prefecture	3993	82.0	7.3	53.5	2902	76.4	8.0	57.9
Japan, Saga Prefecture	459	88.0	7.0	55.8	392	83.9	10.2	59.4
Republic of Korea	11226	95.0	2.0	46.1	8612	93.5	2.6	41.8
Republic of Korea, Busan	753	92.0	3.3	53.0	561	90.4	3.6	46.7
Republic of Korea, Daegu	538	95.9	1.9	43.7	453	95.1	3.1	40.4
Republic of Korea, Daejeon	319	95.3	1.3	39.2	238	95.4	1.3	47.5
Republic of Korea, Gwangju	339	95.9	1.2	36.6	273	92.7	2.2	38.1
Republic of Korea, Incheon	549	97.4	0.0	40.6	401	97.0	0.0	39.7
Republic of Korea, Jejudo	98	91.8	0.0	45.9	95	93.7	1.1	40.0
Republic of Korea, Seoul	2513	95.9	1.8	43.7	1846	95.3	2.0	38.6
Republic of Korea, Ulsan	208	97.1	0.5	41.3	149	94.0	2.0	38.3

*Important. See note on population page.

Indices of data quality

Lymphoma (C81-90,C96) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	565	99.1	0.0	21.4	309	98.7	0.0	25.2
*Kuwait: Kuwaitis	251	98.0	0.0		166	98.2	0.0	
*Kuwait: Non−Kuwaitis	314	100.0	0.0		143	99.3	0.0	
*Malaysia, Penang	169	98.2			124	95.2		
*Malaysia, Penang: Chinese	92	97.8			78	96.2		
*Malaysia, Penang: Indian	16	93.8			11	81.8		
*Malaysia, Penang: Malay	60	100.0			35	97.1		
*Philippines, Manila	713	83.2	3.1		697	83.5	3.2	
*Philippines, Rizal	729	80.7	5.3		666	81.1	4.4	
Qatar: Qatari	44	97.7	0.0	31.8	33	100.0	0.0	30.3
*Saudi Arabia, Riyadh: Saudi	835	98.3	0.2		578	97.9	0.3	
Singapore	1157	99.7	0.3	34.1	841	99.3	0.7	35.9
Singapore: Chinese	916	99.7	0.3	33.0	643	99.4	0.6	34.4
Singapore: Indian	66	100.0	0.0	31.8	47	97.9	2.1	38.3
Singapore: Malay	160	100.0	0.0	33.8	141	99.3	0.7	36.9
Thailand, Bangkok	753	100.0	0.0	2.0	706	100.0	0.0	2.8
Thailand, Chiang Mai	355	100.0	0.0	62.0	274	100.0	0.0	57.3
Thailand, Chonburi	214	100.0	0.0	52.3	183	100.0	0.0	59.0
*Thailand, Khon Kaen	251	100.0	0.0		208	100.0	0.0	
Thailand, Lampang	199	99.5	0.0	1.0	149	100.0	0.0	1.3
*Thailand, Songkhla	202	100.0	0.0		165	100.0	0.0	
*Turkey, Antalya	462	99.6	0.0	41.3	324	99.4	0.0	40.1
*Turkey, Edirne	89	98.9	1.1		59	100.0	0.0	
*Turkey, Izmir	1238	97.9	0.3		952	97.4	0.3	
*Turkey, Trabzon	162	99.4	0.0		111	100.0	0.0	
Europe								
Austria	5604	93.2	3.6	38.3	4687	91.3	5.5	47.3
Austria, Tyrol	823	99.6	0.2	16.0	452	98.5	0.7	33.8
Austria, Vorarlberg	231	97.8	2.2	42.4	205	98.5	1.0	37.6
*Belarus	2536	100.0		38.5	2735	100.0		40.9
*Belgium	12934	99.8		17.9	7177	99.7		30.7
Bulgaria	2137	100.0	0.0	48.7	1865	100.0	0.0	37.9
Croatia	1897	99.9	0.0	57.0	1986	99.9	0.0	51.7
Cyprus	567	95.6	4.1	29.1	387	91.7	7.8	37.1
Czech Republic	4558	100.0	0.0	53.1	4384	100.0	0.0	55.6
Denmark	3849	98.0	0.0	43.8	3041	98.1	0.0	44.7
*Estonia	550	98.7		56.0	567	98.8		54.3
Finland	4029	95.5	1.2	43.1	3621	93.8	1.8	49.7
*France, Bas−Rhin	703	98.7		41.8	629	97.9		47.1
*France, Calvados	451	96.5		44.3	403	95.5		49.9
*France, Doubs	350	99.1		36.6	325	98.2		45.2
*France, Haut−Rhin	1005	100.0		20.5	523	100.0		34.0
*France, Hérault	1821	99.9		17.2	820	99.8		33.7
*France, Isère	804	99.4		41.9	691	99.9		42.0
*France, Loire−Atlantique	1040	98.2		41.0	827	98.3		41.7
*France, Manche	575	95.5		31.0	365	93.7		46.0
*France, Somme	392	96.9		47.7	321	98.4		52.0
*France, Tarn	580	96.6		27.1	308	94.8		35.4
*France, Vendée	739	98.9		33.4	471	98.1		40.8
Germany, Brandenburg	2540	91.4	8.4	30.3	1862	86.9	12.8	42.2
Germany, Bremen	952	94.6	4.6	20.6	628	90.6	8.1	29.3
Germany, Free State of Saxony	4432	91.3	8.2	29.9	3443	87.5	12.0	40.5
Germany, Hamburg	1110	97.3	2.7	44.8	1058	96.5	3.5	46.3
Germany, Mecklenburg−Western Pomerania	1993	94.1	5.7	25.2	1421	90.4	9.2	34.6
Germany, Munich	4047	96.3	3.7	27.4	2570	94.1	5.9	38.5
Germany, North Rhine−Westphalia	3141	89.7	2.7	23.7	1943	84.6	4.5	37.2
Germany, Saarland	1419	96.1	3.5	23.8	931	92.6	6.8	41.0
Germany, Schleswig−Holstein	4117	92.8	5.5	19.1	2700	88.0	9.0	29.2
Iceland	184	99.5	0.0	23.4	162	98.8	0.6	32.1
Ireland	2824	96.5	0.8	37.3	2169	96.4	1.2	41.3
Italy, Biella	324	96.6	0.3	21.6	228	89.0	0.9	31.1
Italy, Brescia	674	89.9	0.6	41.2	687	89.4	0.4	48.8
Italy, Catania and Messina	1464	98.8	0.0	20.6	736	98.8	0.0	34.6
Italy, Catanzaro	314	98.7	0.0	20.4	195	96.9	0.0	29.2
Italy, Como	497	98.4	0.6	44.5	425	97.4	0.9	50.8
Italy, Ferrara	784	98.9	0.0	21.9	440	98.2	0.2	35.0
Italy, Florence and Prato	1275	91.8	0.2	19.0	706	86.5	0.1	34.6
Italy, Friuli−Venezia Giulia	2024	98.9	0.0	23.3	1315	97.9	0.0	36.3
Italy, Genoa	1470	92.0	0.3	24.3	941	85.4	1.6	37.7
Italy, Latina	601	86.4	0.7	22.5	366	78.1	1.4	35.0
Italy, Lecco	277	99.6	0.0	52.3	253	98.8	0.0	51.0
Italy, Lombardy, South	449	97.1	0.0	42.1	423	97.6	0.5	45.4
Italy, Mantua	204	98.0	0.0	45.6	185	96.2	0.0	59.5
Italy, Milan	1747	99.9	0.0	25.1	1133	99.8	0.0	44.1
Italy, Modena	717	98.0	0.1	33.6	566	98.4	0.2	40.5
Italy, Naples	764	88.7	0.1	15.1	427	88.3	0.9	26.5
Italy, Nuoro	201	98.0	0.0	42.8	190	96.8	0.0	45.3
Italy, Palermo	1273	89.1	0.3	19.3	649	88.0	0.9	31.3
Italy, Parma	771	99.9	0.0	21.4	531	99.8	0.0	34.7
Italy, Ragusa	451	93.3	0.2	25.5	195	90.3	3.1	43.6
Italy, Reggio Emilia	821	97.3	0.1	20.5	485	94.0	0.0	39.8
Italy, Romagna	2320	96.9	0.6	21.2	1367	95.1	1.1	34.2
Italy, Salerno	964	97.5	0.6	29.0	710	96.2	1.1	38.0
Italy, Sassari	539	96.7	0.6	26.5	404	92.8	0.5	36.6
Italy, Sondrio	326	99.1	0.0	15.0	217	96.3	1.4	32.3
Italy, South Tyrol	565	98.4	0.4	18.6	334	98.5	0.0	36.2

*Important. See note on population page.

Indices of data quality

Lymphoma (C81-90,C96) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	612	94.9	0.3	19.9	269	89.6	0.7	33.5
Italy, Trapani	499	89.4	0.4	18.6	246	91.9	0.0	37.0
Italy, Trento	568	98.2	0.0	22.9	400	97.2	0.0	39.5
Italy, Turin	1957	98.5	0.1	19.5	1107	96.8	0.7	31.7
Italy, Umbria	1168	98.8	0.0	29.9	774	98.3	0.0	41.2
Italy, Varese	798	97.0	0.1	47.4	692	96.7	0.1	51.6
Italy, Veneto	1644	95.8	0.1	36.4	1630	94.7	0.4	41.3
Latvia	524	84.5	13.7	63.7	679	86.0	12.8	53.3
Lithuania	1537	99.1	0.8	39.5	1594	99.1	0.9	45.4
Malta	377	100.0	0.0	25.7	218	99.1	0.5	39.9
*Netherlands	11226	98.6		44.4	9145	98.5		46.3
*Netherlands, Eindhoven	1371	99.1		22.4	704	98.9		35.5
Norway	6035	98.9	0.3	25.0	3679	98.1	0.5	37.0
Poland, Cracow	228	99.1	0.0	81.6	226	99.6	0.0	70.8
Poland, Kielce	426	100.0	0.0	66.9	448	100.0	0.0	54.0
Poland, Lower Silesia	949	87.0	0.0	55.6	887	81.4	0.3	57.4
Poland, Podkarpackie	674	100.0	0.0	61.4	645	100.0	0.0	55.0
Portugal, Azores	141	97.2	0.7	33.1	134	97.0	1.5	43.5
Russian Federation, Saint Petersburg	1163	91.4	0.0	70.2	1528	93.8	0.1	63.5
*Serbia, Central	1681	88.0	3.7	60.7	1384	87.7	3.9	60.5
Slovakia	2013	94.5	5.4	50.3	2189	93.6	6.3	44.8
Slovenia	1503	100.0	0.0	34.0	1202	100.0	0.0	47.3
Spain, Albacete	251	93.2	1.6	32.3	172	94.2	1.7	45.3
Spain, Asturias	1081	98.5	0.6	32.4	790	96.5	1.9	51.1
Spain, Basque Country	2487	96.7	0.5	23.0	1482	94.7	1.7	35.2
Spain, Canary Islands	1334	97.7	0.4	25.1	800	96.8	0.8	39.4
Spain, Ciudad Real	221	97.3	1.8	39.8	178	93.3	1.7	52.8
Spain, Cuenca	172	91.3	2.3	37.8	104	92.3	4.8	49.0
Spain, Girona	876	97.6	0.7	22.8	432	95.8	1.6	36.3
*Spain, Granada	568	96.3		38.6	405	96.0		48.1
Spain, La Rioja	328	93.6	0.6	25.0	164	89.6	0.6	31.7
Spain, Mallorca	885	97.3	0.3	30.1	471	97.2	0.8	38.9
Spain, Murcia	1292	96.8	0.2	21.1	691	94.8	0.4	34.4
Spain, Navarra	837	98.9	0.1	14.9	458	97.8	0.2	29.0
Spain, Tarragona	481	97.1	1.5	41.2	377	97.9	1.6	41.4
*Sweden	6220	100.0		53.5	4976	100.0		57.4
Switzerland, Basel	325	96.9	2.5	43.1	313	95.2	4.8	44.7
Switzerland, Geneva	582	98.6	0.0	20.4	358	97.5	0.0	23.5
Switzerland, Graubünden and Glarus	265	100.0	0.0	24.2	182	98.4	0.0	39.0
Switzerland, Neuchâtel	129	99.2	0.8	46.5	102	100.0	0.0	48.0
Switzerland, St Gall−Appenzell	680	99.6	0.0	22.5	406	98.3	0.0	29.6
Switzerland, Ticino	338	94.1	1.5	36.4	311	93.6	1.6	38.9
Switzerland, Valais	379	97.9	0.8	22.2	223	98.2	0.4	33.6
Switzerland, Vaud	488	98.8	1.0	32.8	431	97.9	2.1	43.4
Switzerland, Zurich	1715	98.5	0.6	22.6	1133	97.8	1.1	29.2
Ukraine	10174	98.3	0.2	41.5	9902	98.4	0.3	37.2
UK, England	54440	94.5	1.3	30.7	36500	92.5	1.9	40.4
UK, England, East of England Region	7090	95.9	1.1	28.4	4255	94.0	1.5	40.8
UK, England, North Western	6437	87.9	0.7	31.7	4484	83.5	1.0	40.9
UK, England, Northern and Yorkshire	8033	98.0	0.3	26.6	5178	96.9	0.5	38.0
UK, England, Oxford Region	2271	96.8	1.0	38.1	1677	96.8	1.0	43.5
UK, England, South and Western Regions	10586	94.7	0.9	26.3	6510	93.0	1.7	36.2
UK, England, Thames	11450	95.3	1.4	30.2	7779	93.7	2.1	39.6
UK, England, Trent	2741	97.0	1.3	36.4	2030	95.5	1.6	39.7
UK, England, West Midlands	4156	90.4	4.6	41.6	3251	87.8	5.6	49.4
UK, Northern Ireland	1741	89.3	0.5	27.7	1246	86.8	0.6	37.2
UK, Scotland	6624	96.7	0.2	24.9	4635	95.4	0.2	36.0
UK, Wales	2481	90.7	1.8	40.0	2066	90.4	2.7	43.6
Oceania								
Australian Capital Territory	217	93.1	0.5	34.1	149	94.0	1.3	38.9
Australia, New South Wales	5434	91.4	0.9	38.7	4344	89.8	1.5	40.9
Australia, Northern Territory	121	95.9	0.0	30.6	59	96.6	0.0	28.8
Australia, Northern Territory: Indigenous	14	85.7	0.0	28.6	11	100.0	0.0	54.5
Australia, Northern Territory: Non−Indigenous	106	97.2	0.0	31.1	48	95.8	0.0	22.9
Australia, Queensland	2846	91.0	0.6	0.0	2280	89.8	0.7	0.0
South Australia	2273	94.9	0.0	25.6	1441	93.6	0.0	35.3
Australia, Tasmania	672	92.0	0.1	25.9	406	87.2	0.2	38.7
Australia, Victoria	7192	99.0	0.9	22.2	4209	98.3	1.5	31.7
Western Australia	1356	94.9	0.1	42.1	1221	95.4	0.2	36.9
New Zealand	2881	98.1	1.8	46.0	2287	98.1	1.8	48.6
New Zealand: Maori	184	98.4	1.6	52.7	181	98.9	1.1	47.0
New Zealand: Pacific Islander	91	96.7	3.3	49.5	89	97.8	2.2	41.6
New Zealand: Other	2606	98.1	1.8	45.4	2017	98.0	1.8	49.1
USA, Hawaii	1327	97.7	0.4	26.5	802	97.3	0.5	32.8
*USA, Hawaii: Chinese	87	98.9	0.0		51	98.0	0.0	
*USA, Hawaii: Filipino	168	97.6	0.0		135	98.5	0.0	
*USA, Hawaii: Hawaiian	150	95.3	0.7		113	98.2	0.9	
*USA, Hawaii: Japanese	312	97.1	0.6		196	98.0	0.0	
*USA, Hawaii: White	509	98.4	0.4		238	95.4	0.8	

*Important. See note on population page.

Indices of data quality

Leukaemia (C91-95)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	107	100.0			90	100.0		
Egypt, Gharbiah	461	91.8	8.0	73.3	395	93.2	6.8	67.8
*Libya, Benghazi	80	91.2	8.8	63.8	87	96.6	3.4	39.1
*Malawi, Blantyre	19	57.9			13	84.6		
*South Africa, PROMEC	3	66.7			10	40.0		
*Tunisia, North	255	100.0			190	100.0		
*Uganda, Kyadondo County	66	89.4	0.0		46	82.6	0.0	
*Zimbabwe, Harare: African	41	85.4	14.6		34	94.1	5.9	
America, Central and South								
Argentina, Bahía Blanca	69	71.0	17.4	53.6	77	67.5	29.9	57.1
Argentina, Córdoba	169	87.6	12.4	78.7	143	86.0	14.0	93.0
Argentina, Mendoza	303	99.0	1.0	67.0	276	98.2	1.4	56.9
*Argentina, Tierra del Fuego	14	92.9	7.1	14.3	7	100.0	0.0	14.3
Brazil, Aracaju	51	74.5	21.6	64.7	38	81.6	15.8	81.6
Brazil, Belo Horizonte	175	65.1	34.3	75.4	194	68.0	31.4	70.1
Brazil, Cuiabá	74	73.0	20.3	62.2	65	75.4	16.9	63.1
Brazil, Fortaleza	206	70.4	29.6	74.8	160	63.8	36.2	86.9
Brazil, Goiânia	230	79.6	18.3	57.8	214	87.9	11.7	52.3
*Brazil, São Paulo	1512	78.9	21.1	73.5	1382	80.8	19.2	74.5
Chile, Region of Antofagasta	57	100.0	0.0	63.2	56	100.0	0.0	69.6
Chile, Bío Bío Province	55	100.0	0.0	56.4	55	98.2	1.8	45.5
Chile, Valdivia	61	100.0	0.0	65.6	50	100.0	0.0	98.0
Colombia, Bucaramanga	208	90.9	5.8	68.3	147	87.1	4.1	76.9
Colombia, Cali	348	98.6	0.6	75.6	372	98.4	1.6	62.1
Colombia, Manizales	49	100.0	0.0	89.8	54	100.0	0.0	46.3
Colombia, Pasto	49	100.0	0.0	42.9	34	97.1	2.9	70.6
Costa Rica	534	100.0	0.0	86.1	439	100.0	0.0	88.4
Cuba, Villa Clara	111	99.1	0.9	91.9	77	98.7	1.3	89.6
Ecuador, Cuenca	63	98.4	0.0	61.9	59	91.5	1.7	62.7
Ecuador, Quito	239	97.1	2.9	72.0	264	98.1	1.5	57.6
*France, Martinique	95	98.9		83.2	61	100.0		126.2
*Jamaica, Kingston and St Andrew	84	77.4			65	60.0		
USA, Puerto Rico	778	79.3	13.2	65.6	590	76.6	15.1	64.0
Uruguay	404	98.3	0.0	71.5	365	97.3	0.0	71.2
America, North								
Canada	12691	75.4	1.7	51.6	9278	72.1	2.7	52.3
Canada, Alberta	1242	99.4	0.4	43.2	873	98.7	0.6	46.2
Canada, British Columbia	1668	84.3	2.8	49.5	1165	81.4	4.7	51.3
Canada, Manitoba	497	98.0	1.8	50.9	375	97.6	1.6	49.9
Canada, New Brunswick	269	100.0	0.0	49.8	205	100.0	0.0	61.0
Canada, Newfoundland and Labrador	94	97.9	0.0	86.2	69	98.6	0.0	69.6
*Canada, Northwest Territories	11	100.0	0.0	9.1	7	100.0	0.0	42.9
Canada, Nova Scotia	370	91.4	1.4	61.9	280	92.5	2.9	63.6
Canada, Ontario	4980	75.0	1.4	52.3	3665	69.2	2.9	52.1
Canada, Prince Edward Island	83	98.8	0.0	47.0	42	95.2	0.0	59.5
*Canada, Quebec	2968	48.5	2.5	52.0	2247	47.8	2.7	51.8
Canada, Saskatchewan	499	92.8	0.6	53.1	346	91.0	2.6	56.1
*Canada, Yukon	10	70.0	10.0	40.0	4	75.0	0.0	75.0
USA, NPCR (42 states)	94689	89.1	3.1	57.5	71685	86.9	3.9	58.6
USA, NPCR (42 states): American Indian	440	95.2	1.4	43.0	325	89.5	4.0	45.2
USA, NPCR (42 states): Asian and Pacific Islander	1537	94.1	1.5	60.6	1238	95.3	1.4	57.0
USA, NPCR (42 states): Black	7018	89.2	2.9	61.7	6085	87.9	3.4	62.9
USA, NPCR (42 states): White	83512	88.8	3.2	58.6	62454	86.5	4.1	59.7
USA, SEER (9 registries)	10113	92.6	1.8	53.3	7609	91.2	2.5	53.4
*USA, SEER (9 registries): Black	733	92.8	2.2		605	93.7	1.7	
*USA, SEER (9 registries): White	8629	92.4	1.9		6395	90.6	2.7	
USA, SEER (18 registries)	28006	91.6	1.9	51.8	21143	90.0	2.5	53.0
*USA, SEER (18 registries): Asian and Pacific Islander	1327	95.4	1.1		1081	95.1	1.4	
*USA, SEER (18 registries): Black	2064	90.8	2.0		1722	91.1	2.6	
*USA, SEER (18 registries): Hispanic White	3142	95.6	1.3		2440	95.2	1.3	
*USA, SEER (18 registries): Non−Hispanic White	20858	90.8	2.0		15445	88.6	2.8	
*USA, SEER (18 registries): White	24000	91.5	1.9		17885	89.5	2.6	
USA, Alabama	1458	91.8	1.8	66.7	1137	89.5	1.8	70.4
USA, Alabama: Black	214	92.5	1.4	78.0	217	88.0	2.3	80.2
USA, Alabama: White	1206	91.6	1.9	66.6	893	89.9	1.8	69.8
USA, Alaska	197	94.9	0.5	44.2	129	96.9	1.6	48.1
*USA, Alaska: American Indian	22	95.5	0.0	68.2	17	100.0	0.0	47.1
USA, Arizona	1686	80.8	4.6	66.8	1247	80.1	5.1	65.3
USA, Arizona: American Indian	50	98.0	2.0	26.0	29	86.2	3.4	65.5
USA, Arizona: Asian and Pacific Islander	14	92.9	0.0	57.1	13	92.3	0.0	92.3
USA, Arizona: Black	42	76.2	4.8	66.7	28	82.1	0.0	42.9
USA, Arizona: White	1545	80.3	4.8	69.7	1162	79.7	5.3	66.4
USA, Arkansas	968	87.7	1.0	68.2	753	88.0	1.5	68.8
USA, Arkansas: Black	89	84.3	2.2	69.7	78	85.9	1.3	73.1
USA, Arkansas: White	862	87.9	0.9	69.1	662	88.1	1.5	69.3
USA, California	11204	93.6	1.8	56.0	8307	92.1	2.3	57.7
USA, California: American Indian	33	97.0	0.0	60.6	36	88.9	0.0	33.3
USA, California: Asian and Pacific Islander	748	96.3	1.1	57.8	583	96.4	1.5	59.0
USA, California: Black	537	94.8	1.1	67.0	425	95.3	2.1	61.9
USA, California: White	9517	93.3	1.9	57.4	7007	91.5	2.4	59.6
USA, California, Los Angeles County	2893	96.3	1.6	53.4	2195	95.6	2.1	54.0
*USA, California, Los Angeles County: Asian and Pacific Islander	248	95.6	2.4		195	95.4	3.1	
*USA, California, Los Angeles County: Black	210	96.2	2.4		198	95.5	3.5	
*USA, California, Los Angeles County: Chinese	78	98.7	0.0		55	92.7	7.3	
*USA, California, Los Angeles County: Filipino	63	98.4	1.6		48	100.0	0.0	
*USA, California, Los Angeles County: Hispanic White	884	97.2	1.2		669	95.8	1.8	

*Important. See note on population page.

Leukaemia (C91-95) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	28	82.1	10.7		21	95.2	4.8	
*USA, California, Los Angeles County: Korean	23	95.7	0.0		21	100.0	0.0	
*USA, California, Los Angeles County: Non−Hispanic White	1478	95.7	1.6		1069	95.5	1.9	
*USA, California, Los Angeles County: White	2362	96.2	1.5		1738	95.6	1.8	
USA, California, San Francisco Bay Area	1356	92.6	1.8	52.9	993	91.6	2.5	54.7
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	173	95.4	1.2		136	93.4	1.5	
*USA, California, San Francisco Bay Area: Black	95	90.5	1.1		81	95.1	1.2	
*USA, California, San Francisco Bay Area: Hispanic White	125	96.0	0.8		103	90.3	2.9	
*USA, California, San Francisco Bay Area: Non−Hispanic White	925	91.7	2.3		648	90.9	2.9	
*USA, California, San Francisco Bay Area: White	1050	92.2	2.1		751	90.8	2.9	
USA, Colorado	1556	85.6	3.6	48.7	1139	80.9	5.6	51.4
USA, Colorado: Asian and Pacific Islander	18	94.4	0.0	55.6	12	91.7	8.3	41.7
USA, Colorado: Black	44	88.6	4.5	50.0	18	72.2	11.1	83.3
USA, Colorado: White	1420	85.1	3.8	50.9	1046	80.3	5.8	54.1
USA, Connecticut	1278	89.3	3.1	58.6	943	86.1	4.8	63.7
*USA, Connecticut: Black	71	84.5	7.0		54	92.6	3.7	
*USA, Connecticut: White	1174	89.8	2.6		870	85.5	4.9	
USA, Delaware	279	84.2	5.0	62.7	202	77.2	7.9	66.8
USA, Delaware: Black	35	94.3	2.9	54.3	34	88.2	2.9	47.1
USA, Delaware: White	238	82.8	5.5	65.1	164	75.0	9.1	72.6
USA, Florida	7217	95.2	3.8	63.7	5327	95.6	3.2	61.2
USA, Florida: Asian and Pacific Islander	34	97.1	0.0	79.4	30	100.0	0.0	103.3
USA, Florida: Black	520	95.6	3.7	63.3	487	97.7	1.0	60.4
USA, Florida: White	6552	95.1	3.9	64.7	4744	95.3	3.5	61.8
USA, Georgia	2673	88.5	3.0	54.2	2090	86.1	4.5	58.2
USA, Georgia: Asian and Pacific Islander	24	91.7	4.2	50.0	26	84.6	0.0	42.3
USA, Georgia: Black	521	90.2	3.1	58.3	449	89.3	3.3	59.2
USA, Georgia: White	2102	87.9	3.0	53.8	1587	85.1	4.9	59.2
USA, Georgia, Atlanta	835	91.0	1.4	46.9	633	90.2	1.7	50.1
*USA, Georgia, Atlanta: Black	220	92.7	1.8		171	91.8	1.2	
*USA, Georgia, Atlanta: White	585	89.9	1.4		436	89.7	1.8	
USA, Idaho	579	85.7	4.1	53.5	419	78.3	5.0	60.4
USA, Illinois	4664	93.6	4.4	56.6	3551	92.0	5.8	59.7
USA, Illinois: Asian and Pacific Islander	36	97.2	2.8	86.1	52	94.2	3.8	51.9
USA, Illinois: Black	427	92.3	6.3	56.7	377	92.6	6.4	56.2
USA, Illinois: White	4093	93.6	4.3	57.8	3041	91.7	5.9	61.8
USA, Indiana	2200	88.4	4.7	63.5	1696	86.7	4.5	64.2
USA, Indiana: Black	114	88.6	3.5	73.7	90	90.0	1.1	77.8
USA, Indiana: White	2024	88.2	4.9	64.6	1568	86.4	4.8	64.8
USA, Iowa	1407	90.3	2.1	57.5	1089	88.2	2.8	58.2
USA, Kentucky	1558	83.7	2.4	55.5	1212	83.4	3.1	59.9
USA, Louisiana	1193	87.7	2.0	57.0	883	87.9	2.4	60.8
*USA, Louisiana: Black	261	86.2	2.7		206	86.9	4.4	
*USA, Louisiana: White	928	88.1	1.8		671	88.1	1.8	
*USA, Louisiana, New Orleans	192	81.8	7.3		156	85.3	5.8	
*USA, Louisiana, New Orleans: Black	59	76.3	8.5		45	86.7	8.9	
*USA, Louisiana, New Orleans: White	131	84.0	6.9		111	84.7	4.5	
USA, Maine	673	85.7	2.2	51.4	465	82.2	3.4	50.5
USA, Massachusetts	2338	84.9	3.6	57.0	1847	81.4	4.5	59.7
USA, Massachusetts: Asian and Pacific Islander	35	100.0	0.0	57.1	25	100.0	0.0	64.0
USA, Massachusetts: Black	69	87.0	4.3	76.8	75	85.3	0.0	53.3
USA, Massachusetts: White	2185	84.6	3.8	57.6	1716	81.0	4.8	60.9
USA, Michigan	4063	85.8	2.7	55.8	3062	82.7	3.8	57.0
USA, Michigan: Asian and Pacific Islander	30	100.0	0.0	33.3	31	96.8	0.0	29.0
USA, Michigan: Black	361	88.6	1.1	55.7	307	90.2	1.6	62.9
USA, Michigan: White	3559	85.1	3.0	57.7	2625	81.3	4.2	58.5
USA, Michigan, Detroit	1622	95.3	1.6	54.6	1286	92.9	2.5	54.0
*USA, Michigan, Detroit: Black	276	95.3	1.8		232	94.4	0.9	
*USA, Michigan, Detroit: White	1291	95.2	1.6		1010	92.4	3.0	
USA, Mississippi	875	78.9	7.7	67.7	693	77.6	11.8	75.0
USA, Missouri	2233	83.4	3.7	64.0	1669	79.9	5.0	63.2
USA, Missouri: Black	151	84.8	2.0	72.8	116	79.3	6.9	77.6
USA, Missouri: White	2047	83.1	3.9	64.1	1529	79.9	5.0	62.2
USA, Montana	405	90.1	6.4	60.0	292	90.4	5.5	56.8
USA, Montana: American Indian	10	90.0	10.0	50.0	16	81.2	18.8	50.0
USA, Nebraska	773	89.5	4.0	51.0	569	85.2	4.9	53.6
USA, Nebraska: Black	20	90.0	5.0	45.0	7	100.0	0.0	100.0
USA, Nebraska: White	728	89.3	4.1	52.9	542	84.7	5.2	55.0
USA, New Hampshire	518	86.1	2.1	48.8	386	82.1	2.3	52.3
USA, New Jersey	3437	90.1	1.0	52.4	2652	87.4	1.5	54.9
*USA, New Jersey: Black	264	87.5	0.8		241	88.0	1.7	
*USA, New Jersey: White	2992	90.4	0.9		2267	87.2	1.4	
USA, New Mexico	711	89.6	3.8	49.2	533	91.7	2.8	47.7
*USA, New Mexico: Hispanic White	202	94.6	2.0		144	95.1	3.5	
*USA, New Mexico: Non−Hispanic White	473	87.5	4.7		347	89.9	2.3	
*USA, New Mexico: White	675	89.6	3.9		491	91.4	2.6	
USA, New York State	7661	85.6	1.0	50.3	6037	81.9	1.1	51.2
USA, New York State: Asian and Pacific Islander	164	87.8	1.8	70.7	121	91.7	0.8	49.6
USA, New York State: Black	671	89.6	0.6	49.2	604	85.6	1.0	53.0
USA, New York State: White	6646	84.8	1.0	51.2	5184	81.1	1.1	52.2
USA, North Carolina	2854	88.8	4.6	60.5	2228	86.2	6.6	58.6
USA, North Carolina: American Indian	21	85.7	4.8	66.7	11	81.8	9.1	109.1
USA, North Carolina: Asian and Pacific Islander	25	84.0	12.0	36.0	10	80.0	0.0	40.0
USA, North Carolina: Black	361	90.6	3.9	59.0	357	84.6	7.3	69.2
USA, North Carolina: White	2401	88.6	4.6	62.1	1822	86.7	6.3	57.2
USA, North Dakota	306	96.7	0.7	53.9	231	94.4	0.9	48.9
USA, Ohio	3812	88.6	2.7	68.5	3054	86.3	3.6	70.6
USA, Ohio: Asian and Pacific Islander	22	95.5	0.0	31.8	11	100.0	0.0	90.9
USA, Ohio: Black	285	89.1	3.5	71.6	284	85.9	2.8	68.0
USA, Ohio: White	3447	88.5	2.6	69.6	2703	86.2	3.7	72.2

*Important. See note on population page.

Indices of data quality

Leukaemia (C91-95) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	1619	95.6	1.9	52.5	1295	94.6	2.5	46.1
USA, Oklahoma: American Indian	120	99.2	0.0	37.5	96	94.8	3.1	25.0
USA, Oklahoma: Black	60	95.0	5.0	71.7	66	97.0	0.0	34.8
USA, Oklahoma: White	1383	95.2	2.0	54.7	1096	94.3	2.7	50.0
USA, Oregon	1220	87.9	5.5	66.1	922	83.1	7.0	65.0
USA, Oregon: Asian and Pacific Islander	25	92.0	0.0	32.0	11	90.9	9.1	54.5
USA, Oregon: Black	19	94.7	5.3	47.4	14	85.7	0.0	14.3
USA, Oregon: White	1144	87.4	5.7	68.4	876	82.6	7.2	67.0
USA, Pennsylvania	5314	88.0	3.0	58.5	4098	84.1	4.9	62.8
USA, Pennsylvania: Asian and Pacific Islander	30	96.7	0.0	60.0	17	100.0	0.0	76.5
USA, Pennsylvania: Black	289	88.6	4.2	66.8	238	88.7	3.8	67.2
USA, Pennsylvania: White	4848	87.7	3.0	59.8	3737	83.5	5.1	64.2
USA, Rhode Island	443	90.3	3.4	51.5	350	87.1	3.1	62.9
USA, Rhode Island: Black	13	84.6	0.0	61.5	12	100.0	0.0	66.7
USA, Rhode Island: White	423	90.3	3.5	51.8	332	86.4	3.3	63.6
USA, South Carolina	1551	85.3	4.1	55.7	1147	82.6	5.2	56.5
USA, South Carolina: Black	257	80.9	3.9	63.4	225	78.7	4.4	67.1
USA, South Carolina: White	1262	86.0	4.3	55.3	902	83.3	5.5	54.9
USA, South Dakota	312	78.8	7.1	67.3	228	84.6	2.6	64.5
USA, Tennessee	1941	85.4	7.5	68.3	1459	86.5	6.3	67.2
USA, Tennessee: Black	201	86.1	5.0	64.2	159	89.3	6.3	80.5
USA, Tennessee: White	1707	85.1	7.9	69.7	1272	85.9	6.4	67.0
USA, Texas	7494	87.5	2.3	51.4	5879	85.3	3.5	49.1
USA, Texas: Asian and Pacific Islander	49	91.8	4.1	91.8	64	93.8	1.6	65.6
USA, Texas: Black	591	87.5	2.2	57.0	472	85.0	3.8	51.7
USA, Texas: White	6649	87.5	2.3	52.1	5154	85.0	3.6	50.4
USA, Utah	733	99.3	0.0	51.2	519	99.2	0.2	49.9
USA, Vermont	270	89.6	1.9	53.7	178	80.9	5.6	60.7
USA, Virginia	2164	83.9	5.3	63.2	1644	79.7	6.4	67.7
USA, Virginia: Asian and Pacific Islander	40	77.5	7.5	77.5	31	90.3	3.2	71.0
USA, Virginia: Black	313	84.7	5.8	63.9	236	82.6	8.1	79.7
USA, Virginia: White	1725	83.2	5.4	65.7	1305	78.2	6.5	69.2
USA, Washington State	2476	91.4	2.3	53.8	1789	90.4	2.6	51.9
USA, Washington, Seattle	1774	93.1	1.2	50.8	1311	91.7	1.9	48.1
USA, West Virginia	839	89.6	3.6	54.4	607	89.3	3.5	61.3
USA, Wisconsin	2839	93.3	6.2	49.2	2014	90.8	8.7	51.2
USA, Wisconsin: Black	80	97.5	2.5	52.5	69	97.1	2.9	37.7
USA, Wisconsin: White	2634	92.9	6.5	50.9	1865	90.3	9.2	53.0
USA, Wyoming	173	81.5	0.0	65.3	101	78.2	1.0	76.2
Asia								
Bahrain: Bahraini	60	93.3	3.3	71.7	40	95.0	0.0	52.5
China, Beijing City	1275	100.0	0.0	66.7	940	100.0	0.0	65.6
*China, Cixian County	71	93.0	7.0	90.1	57	96.5	3.5	80.7
China, Haining County	108	100.0	0.0	64.8	86	98.8	1.2	68.6
*China, Harbin City, Nangang District	106	50.9	3.8	95.3	82	64.6	1.2	87.8
China, Hong Kong	1183	95.4	1.9	61.2	920	92.5	2.6	61.6
China, Jiashan County	61	100.0	0.0	80.3	39	100.0	0.0	102.6
China, Jiaxing City	48	87.5	4.2	70.8	52	90.4	3.8	69.2
China, Macao	47	74.5	10.6	57.4	38	68.4	10.5	81.6
China, Qidong County	181	100.0	0.0	92.8	145	100.0	0.0	85.5
*China, Shanghai City	1057	85.5	0.5	81.5	798	84.7	0.6	80.5
*China, Wuhan City	632	100.0		61.4	529	100.0		54.1
*China, Yangcheng County	21	81.0		119.0	15	93.3		186.7
*China, Yanting County	100	98.0	0.0	86.0	72	100.0	0.0	83.3
*China, Zhongshan City	170	100.0		77.6	123	100.0		65.0
*India, Bangalore	402	98.0	2.0		284	98.2	1.8	
*India; Barshi, Paranda, and Bhum	42	100.0			19	100.0		
*India, Bhopal	119	99.2	0.8		72	100.0	0.0	
*India, Chennai	469	98.7	1.3		368	97.8	2.2	
*India, Dindigul, Ambilikkai	94	100.0	0.0		65	100.0	0.0	
*India, Karunagappally	47	97.9	2.1		36	97.2	2.8	
*India, Mizoram	90	100.0	0.0		67	100.0	0.0	
*India, Mumbai	1247	100.0	0.0		842	100.0	0.0	
*India, New Delhi	1959	99.9	0.1		1062	99.9	0.0	
*India, Poona	267	100.0	0.0		174	100.0	0.0	
*India, Sikkim State	24	100.0	0.0		25	100.0	0.0	
*India, Trivandrum	84	100.0	0.0		64	100.0	0.0	
*Iran (Islamic Republic of), Golestan Province	210	100.0	0.0	42.4	147	100.0	0.0	44.2
Israel	2033	93.0	6.7	61.3	1591	89.3	9.9	65.2
*Israel: Jews	1766	92.7	6.9		1414	88.8	10.4	
*Israel: Non–Jews	267	94.8	5.2		177	93.2	6.2	
Japan, Aichi Prefecture	270	98.1	1.5	67.4	185	97.3	2.2	63.8
Japan, Fukui Prefecture	158	72.8	0.0	89.9	120	75.0	0.0	86.7
Japan, Hiroshima	264	98.9	0.4	61.0	185	98.9	0.5	61.1
Japan, Miyagi Prefecture	528	100.0	0.0	72.9	386	100.0	0.0	66.3
Japan, Nagasaki Prefecture	658	93.8	3.2	78.3	480	90.8	5.4	77.9
Japan, Niigata Prefecture	576	97.6	1.2	79.9	390	97.9	1.5	78.5
*Japan, Osaka Prefecture	1803	98.1	0.7	77.5	1280	97.1	1.7	75.2
Japan, Saga Prefecture	298	95.6	4.4	75.5	212	96.2	3.8	82.1
Republic of Korea	6577	90.9	3.2	62.7	5257	90.7	3.5	59.5
Republic of Korea, Busan	434	90.3	3.5	62.2	328	90.5	4.3	62.8
Republic of Korea, Daegu	304	90.1	3.6	62.8	242	90.5	4.1	62.8
Republic of Korea, Daejeon	173	91.3	2.9	67.1	154	94.2	2.6	51.9
Republic of Korea, Gwangju	179	95.0	2.2	59.2	159	96.2	1.3	44.7
Republic of Korea, Incheon	312	96.2	0.0	59.3	237	92.4	0.0	53.6
Republic of Korea, Jejudo	61	96.7	0.0	60.7	54	100.0	0.0	68.5
Republic of Korea, Seoul	1353	89.5	2.9	59.6	1071	90.1	3.1	57.1
Republic of Korea, Ulsan	131	93.9	1.5	55.7	109	94.5	2.8	63.3

*Important. See note on population page.

Indices of data quality

Leukaemia (C91-95) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	395	98.5	0.0	46.3	206	99.0	0.5	48.5
*Kuwait: Kuwaitis	156	98.7	0.0		108	99.1	0.9	
*Kuwait: Non−Kuwaitis	239	98.3	0.0		98	99.0	0.0	
*Malaysia, Penang	139	100.0			122	99.2		
*Malaysia, Penang: Chinese	60	100.0			70	98.6		
*Malaysia, Penang: Indian	15	100.0			14	100.0		
*Malaysia, Penang: Malay	64	100.0			38	100.0		
*Philippines, Manila	911	93.0	6.9		844	90.5	9.4	
*Philippines, Rizal	852	51.6	7.2		800	51.5	10.0	
Qatar: Qatari	31	100.0	0.0	32.3	18	100.0	0.0	44.4
*Saudi Arabia, Riyadh: Saudi	432	97.7	0.7		306	99.0	0.7	
Singapore	537	99.3	0.7	51.6	443	99.3	0.7	47.9
Singapore: Chinese	422	99.1	0.9	48.1	355	99.4	0.6	45.9
Singapore: Indian	37	100.0	0.0	64.9	19	100.0	0.0	42.1
Singapore: Malay	63	100.0	0.0	54.0	59	100.0	0.0	52.5
Thailand, Bangkok	832	100.0	0.0	53.4	743	100.0	0.0	58.8
Thailand, Chiang Mai	169	97.6	2.4	60.9	164	98.8	0.6	64.0
Thailand, Chonburi	171	100.0	0.0	47.4	157	100.0	0.0	65.0
*Thailand, Khon Kaen	168	100.0	0.0		144	100.0	0.0	
Thailand, Lampang	116	100.0	0.0	48.3	112	100.0	0.0	43.8
*Thailand, Songkhla	148	93.2	6.8		131	96.2	3.8	
*Turkey, Antalya	308	99.7	0.3	70.1	173	97.1	2.9	73.4
*Turkey, Edirne	53	88.7	11.3		48	97.9	2.1	
*Turkey, Izmir	709	96.6	3.4		538	95.5	4.3	
*Turkey, Trabzon	96	100.0	0.0		53	100.0	0.0	
Europe								
Austria	2845	87.5	8.5	65.7	2460	84.5	11.2	68.3
Austria, Tyrol	272	99.6	0.0	56.6	201	99.0	0.5	66.2
Austria, Vorarlberg	108	95.4	4.6	58.3	81	92.6	6.2	66.7
*Belarus	2597	100.0		63.6	2398	100.0		65.4
*Belgium	2979	99.8		63.8	2281	100.0		69.0
Bulgaria	1669	100.0	0.0	68.4	1338	100.0	0.0	69.7
Croatia	1251	99.9	0.0	74.5	1006	100.0	0.0	79.2
Cyprus	252	83.3	16.3	45.1	203	77.8	21.7	43.7
Czech Republic	2817	100.0	0.0	82.8	2184	100.0	0.0	88.1
Denmark	2023	98.8	0.0	60.2	1469	98.2	0.0	64.8
*Estonia	414	100.0		79.2	419	100.0		74.9
Finland	1554	94.2	3.2	55.3	1255	92.4	4.5	61.6
*France, Bas−Rhin	377	98.4		63.4	274	96.7		73.4
*France, Calvados	264	100.0		54.2	219	100.0		62.1
*France, Doubs	239	100.0		46.4	171	100.0		58.5
*France, Haut−Rhin	286	100.0		62.2	204	100.0		77.9
*France, Hérault	400	99.8		69.8	300	100.0		70.7
*France, Isère	461	100.0		54.0	294	100.0		59.2
*France, Loire−Atlantique	562	100.0		50.5	388	100.0		50.3
*France, Manche	224	92.0		56.2	141	87.9		56.0
*France, Somme	243	100.0		49.0	172	100.0		77.9
*France, Tarn	167	100.0		65.3	107	100.0		83.2
*France, Vendée	200	100.0		82.5	123	100.0		100.8
Germany, Brandenburg	1014	81.2	18.2	61.0	862	73.1	26.8	66.1
Germany, Bremen	225	81.8	16.0	71.1	223	75.3	21.5	65.0
Germany, Free State of Saxony	1837	82.4	16.4	54.4	1657	75.1	23.5	57.6
Germany, Hamburg	676	95.4	4.6	56.8	592	92.6	7.4	59.0
Germany, Mecklenburg−Western Pomerania	713	85.4	13.9	53.6	556	80.6	18.2	66.0
Germany, Munich	1428	72.3	27.7	62.7	1067	62.9	37.1	72.0
Germany, North Rhine−Westphalia	840	65.7	9.4	69.2	693	67.7	10.8	72.9
Germany, Saarland	377	79.6	18.8	70.6	333	76.9	19.8	80.2
Germany, Schleswig−Holstein	1214	78.3	16.9	47.2	1020	72.9	22.3	50.5
Iceland	85	100.0	0.0	49.4	46	100.0	0.0	45.7
Ireland	1438	97.1	1.7	54.7	901	95.1	2.8	58.4
Italy, Biella	80	98.8	0.0	80.0	76	96.1	3.9	78.9
Italy, Brescia	297	69.4	1.7	61.6	222	66.2	2.7	73.4
Italy, Catania and Messina	449	100.0	0.0	62.4	301	100.0	0.0	68.1
Italy, Catanzaro	110	95.5	0.9	66.4	75	93.3	1.3	58.7
Italy, Como	205	99.5	0.0	70.7	144	98.6	1.4	86.1
Italy, Ferrara	140	99.3	0.0	75.0	131	97.7	2.3	78.6
Italy, Florence and Prato	231	67.1	0.4	91.3	211	60.7	2.8	79.1
Italy, Friuli−Venezia Giulia	452	98.9	0.0	55.8	367	98.9	0.0	72.8
Italy, Genoa	375	70.9	0.8	57.1	305	65.2	3.9	67.2
Italy, Latina	161	85.1	3.7	83.2	162	66.7	8.6	70.4
Italy, Lecco	101	98.0	0.0	90.1	58	100.0	0.0	122.4
Italy, Lombardy, South	182	98.9	1.1	81.9	156	99.4	0.6	76.9
Italy, Mantua	95	100.0	0.0	61.1	80	100.0	0.0	83.8
Italy, Milan	467	100.0	0.0	62.1	365	100.0	0.0	80.8
Italy, Modena	260	98.8	0.8	67.3	239	98.7	0.8	65.3
Italy, Naples	157	94.9	0.6	58.0	123	91.1	2.4	53.7
Italy, Nuoro	103	97.1	0.0	74.8	62	96.8	0.0	91.9
Italy, Palermo	342	80.4	2.6	75.7	269	74.3	3.0	77.7
Italy, Parma	204	100.0	0.0	66.2	158	100.0	0.0	65.8
Italy, Ragusa	128	96.1	1.6	70.3	101	94.1	2.0	63.1
Italy, Reggio Emilia	223	99.1	0.0	56.1	164	97.6	0.6	81.1
Italy, Romagna	543	93.7	2.4	62.2	445	91.0	2.5	58.2
Italy, Salerno	421	95.5	2.1	60.6	336	94.3	4.8	66.7
Italy, Sassari	168	100.0	0.0	75.0	134	100.0	0.0	69.4
Italy, Sondrio	79	100.0	0.0	63.3	50	100.0	0.0	92.0
Italy, South Tyrol	131	100.0	0.0	73.3	104	99.0	0.0	73.1

*Important. See note on population page.

Indices of data quality

Leukaemia (C91-95) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	126	86.5	1.6	77.0	77	76.6	6.5	75.3
Italy, Trapani	143	97.9	2.1	61.5	103	99.0	1.0	68.0
Italy, Trento	133	100.0	0.0	60.9	131	100.0	0.0	70.2
Italy, Turin	402	99.0	0.5	60.4	283	96.5	2.8	76.3
Italy, Umbria	440	99.8	0.0	71.8	331	99.4	0.3	74.0
Italy, Varese	354	96.6	0.6	69.2	275	92.0	1.1	70.5
Italy, Veneto	612	91.7	1.6	71.9	544	87.1	5.0	81.2
Latvia	447	70.0	28.0	78.3	481	75.3	23.9	73.0
Lithuania	1056	97.5	2.5	61.9	1068	97.0	3.0	63.8
Malta	96	100.0	0.0	69.8	60	98.3	0.0	83.3
*Netherlands	4848	100.0		63.0	3673	100.0		70.3
*Netherlands, Eindhoven	293	100.0		58.0	209	100.0		62.7
Norway	1537	96.0	1.6	55.2	1181	96.5	1.6	59.2
Poland, Cracow	116	100.0	0.0	81.0	90	98.9	0.0	88.9
Poland, Kielce	391	100.0	0.0	66.8	298	100.0	0.0	76.5
Poland, Lower Silesia	628	98.1	0.2	84.4	560	95.4	0.2	88.6
Poland, Podkarpackie	464	100.0	0.0	78.2	371	100.0	0.0	80.3
Portugal, Azores	48	95.8	2.1	100.7	58	93.1	5.2	71.8
Russian Federation, Saint Petersburg	1225	100.0	0.0	61.6	1451	100.0	0.0	63.5
*Serbia, Central	1147	80.0	7.8	90.4	812	81.5	8.0	93.3
Slovakia	1539	92.1	7.8	61.0	1227	91.3	8.6	65.2
Slovenia	559	100.0	0.0	68.2	444	100.0	0.0	70.7
Spain, Albacete	126	97.6	1.6	67.5	95	97.9	0.0	67.4
Spain, Asturias	291	95.5	3.8	93.5	255	93.7	5.5	100.4
Spain, Basque Country	765	93.9	3.1	54.5	556	91.9	4.1	56.3
Spain, Canary Islands	311	93.6	5.5	58.2	234	92.3	6.0	56.4
Spain, Ciudad Real	102	96.1	3.9	85.3	91	96.7	3.3	84.6
Spain, Cuenca	91	90.1	4.4	52.7	63	98.4	1.6	42.9
Spain, Girona	246	93.9	3.7	48.8	180	91.7	6.1	56.1
*Spain, Granada	235	86.4		70.6	170	83.5		70.0
Spain, La Rioja	70	88.6	5.7	77.1	58	93.1	0.0	67.2
Spain, Mallorca	219	94.1	4.1	73.8	168	92.9	4.8	77.4
Spain, Murcia	494	97.4	0.0	41.9	344	96.8	1.2	43.9
Spain, Navarra	166	98.2	1.8	74.1	107	97.2	1.9	72.0
Spain, Tarragona	235	94.9	4.3	58.7	189	91.5	7.4	64.6
*Sweden	3082	99.8		64.8	2394	99.8		68.8
Switzerland, Basel	181	91.2	6.6	56.4	116	90.5	6.9	62.1
Switzerland, Geneva	147	99.3	0.7	59.9	133	98.5	0.8	51.9
Switzerland, Graubünden and Glarus	94	97.9	0.0	45.7	85	100.0	0.0	50.6
Switzerland, Neuchâtel	56	98.2	1.8	57.1	42	100.0	0.0	52.4
Switzerland, St Gall−Appenzell	185	100.0	0.0	48.6	120	100.0	0.0	56.7
Switzerland, Ticino	127	96.1	3.1	47.2	92	95.7	3.3	64.1
Switzerland, Valais	101	86.1	1.0	37.6	82	84.1	3.7	39.0
Switzerland, Vaud	195	95.4	4.6	63.6	134	91.8	8.2	68.7
Switzerland, Zurich	457	98.2	1.8	48.6	356	96.3	3.7	52.2
Ukraine	10006	98.8	0.2	72.7	8701	98.9	0.2	68.1
UK, England	17874	87.5	4.3	57.4	13082	86.2	5.1	60.5
UK, England, East of England Region	1846	91.8	3.6	63.4	1309	92.9	3.3	70.7
UK, England, North Western	2065	58.2	3.5	61.1	1511	58.0	3.0	64.1
UK, England, Northern and Yorkshire	2669	98.2	0.7	51.9	1942	98.4	0.6	56.5
UK, England, Oxford Region	962	95.5	3.0	52.2	689	95.5	3.8	56.2
UK, England, South and Western Regions	2963	95.4	3.0	53.4	2198	93.5	4.4	56.0
UK, England, Thames	3773	90.1	4.6	57.0	2855	87.6	5.7	59.6
UK, England, Trent	1099	93.4	3.4	59.3	721	93.6	4.7	59.6
UK, England, West Midlands	1859	73.9	12.9	60.6	1391	70.5	14.5	62.8
UK, Northern Ireland	441	83.2	1.1	56.7	359	77.7	0.8	57.7
UK, Scotland	1927	95.8	0.3	50.4	1365	94.4	0.5	59.3
UK, Wales	1360	96.3	3.3	50.7	981	94.7	4.7	47.2
Oceania								
Australian Capital Territory	145	91.7	1.4	37.2	73	93.2	1.4	43.8
Australia, New South Wales	2782	80.1	1.9	50.1	1882	76.7	3.4	52.1
Australia, Northern Territory	45	97.8	2.2	35.6	37	97.3	0.0	32.4
Australia, Northern Territory: Indigenous	5	100.0	0.0	60.0	11	90.9	0.0	63.6
Australia, Northern Territory: Non−Indigenous	40	97.5	2.5	30.0	26	100.0	0.0	19.2
Australia, Queensland	1618	86.8	0.7	0.0	1081	82.3	1.5	0.0
South Australia	877	88.3	0.0	46.0	569	86.3	0.0	47.3
Australia, Tasmania	219	56.2	0.5	37.0	131	51.1	0.0	54.2
Australia, Victoria	1945	99.8	0.2	58.8	1362	99.6	0.4	65.7
Western Australia	712	95.4	0.4	52.9	483	95.2	0.4	55.1
New Zealand	1745	97.7	2.3	46.2	1348	95.9	4.1	49.3
New Zealand: Maori	142	98.6	1.4	35.9	123	100.0	0.0	38.2
New Zealand: Pacific Islander	62	98.4	1.6	54.8	51	96.1	3.9	45.1
New Zealand: Other	1541	97.5	2.5	46.9	1174	95.5	4.5	50.7
USA, Hawaii	397	95.7	1.0	53.9	302	95.4	2.3	44.0
*USA, Hawaii: Chinese	24	91.7	0.0		19	89.5	0.0	
*USA, Hawaii: Filipino	43	97.7	0.0		53	94.3	1.9	
*USA, Hawaii: Hawaiian	61	96.7	0.0		55	96.4	3.6	
*USA, Hawaii: Japanese	79	94.9	2.5		65	95.4	1.5	
*USA, Hawaii: White	150	95.3	1.3		77	94.8	3.9	

*Important. See note on population page.

Indices of data quality

All sites except non-melanoma skin (C00-96 exc. C44)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Africa								
*Algeria, Sétif	2403	96.8			2464	98.8		
Egypt, Gharbiah	9661	74.5	7.3	52.0	9466	88.3	5.0	40.5
*Libya, Benghazi	1739	73.7	10.3	55.8	1584	83.8	6.9	40.8
*Malawi, Blantyre	3441	27.1			3251	40.7		
*South Africa, PROMEC	1104	64.1			1689	68.5		
*Tunisia, North	8465	91.6			6694	94.9		
*Uganda, Kyadondo County	2925	55.2	0.1		3895	53.5	0.3	
*Zimbabwe, Harare: African	2805	57.7	13.3		3130	62.7	9.7	
America, Central and South								
Argentina, Bahía Blanca	2307	84.6	14.5	61.5	2490	85.2	14.1	54.1
Argentina, Córdoba	6451	81.5	16.4	63.5	7638	82.8	15.2	54.4
Argentina, Mendoza	9835	81.9	14.4	66.2	10861	85.5	11.7	54.1
*Argentina, Tierra del Fuego	395	82.8	3.0	67.1	425	88.0	4.0	47.3
Brazil, Aracaju	1878	88.1	9.1	46.0	2004	88.8	8.8	48.7
Brazil, Belo Horizonte	8257	86.4	12.4	44.6	7984	85.6	12.8	47.4
Brazil, Cuiabá	2422	83.8	12.3	55.5	2283	84.4	10.4	48.9
Brazil, Fortaleza	5832	82.9	14.9	72.3	7503	85.0	13.0	62.1
Brazil, Goiânia	7975	91.7	5.7	38.3	7433	93.1	4.7	37.6
*Brazil, São Paulo	71834	79.7	10.5	48.6	80261	80.3	8.1	42.0
Chile, Region of Antofagasta	2556	71.9	17.8	90.8	2258	77.6	13.2	61.3
Chile, Bío Bío Province	2051	70.4	3.9	69.3	1817	71.1	4.0	79.1
Chile, Valdivia	2359	81.7	6.8	70.6	2128	78.0	7.0	82.3
Colombia, Bucaramanga	3777	83.3	8.9	68.3	4487	85.4	7.5	60.7
Colombia, Cali	9616	83.5	4.9	55.3	11426	87.1	3.8	53.3
Colombia, Manizales	1476	88.6	6.7	74.6	1834	90.8	4.4	68.8
Colombia, Pasto	1121	79.6	11.0	63.8	1497	84.5	8.4	52.6
Costa Rica	16494	77.3	10.4	64.2	16131	83.4	7.5	54.4
Cuba, Villa Clara	4622	73.5	8.7	85.0	3895	78.3	6.9	67.4
Ecuador, Cuenca	1147	78.8	5.3	70.7	1601	80.7	4.6	60.3
Ecuador, Quito	5452	86.3	8.4	52.5	6756	87.1	8.0	51.6
*France, Martinique	4476	96.2		46.6	2697	95.0		58.5
*Jamaica, Kingston and St Andrew	2453	82.3			2322	89.0		
USA, Puerto Rico	34643	89.4	6.9	45.3	26667	90.6	6.0	46.2
Uruguay	19655	74.8	15.0	72.2	17688	79.3	13.6	63.9
America, North								
Canada	403092	85.4	1.5	48.8	369503	85.8	1.9	48.5
Canada, Alberta	35482	91.3	0.2	39.7	31667	92.4	0.4	39.7
Canada, British Columbia	51472	90.0	1.6	43.5	45488	89.9	2.1	44.1
Canada, Manitoba	14641	86.6	1.2	52.1	13923	88.2	1.4	50.7
Canada, New Brunswick	11167	92.5	0.1	42.7	9345	91.4	0.0	43.8
Canada, Newfoundland and Labrador	6437	95.6	0.3	54.0	5341	96.0	0.3	50.8
*Canada, Northwest Territories	299	91.3	0.3	36.1	268	95.5	0.4	39.9
Canada, Nova Scotia	14621	89.6	0.7	44.5	12528	89.1	1.0	45.4
Canada, Ontario	151430	87.7	1.4	42.9	141401	86.5	2.0	42.3
Canada, Prince Edward Island	2188	92.6	0.0	37.8	1724	92.9	0.1	45.5
*Canada, Quebec	101640	74.8	2.3	46.7	96176	78.1	2.5	44.3
Canada, Saskatchewan	13461	89.4	1.6	44.9	11395	89.0	1.9	45.8
*Canada, Yukon	254	87.4	2.0	62.6	247	93.1	0.8	49.0
USA, NPCR (42 states)	3281894	93.3	1.8	43.4	3017784	93.1	1.8	43.8
USA, NPCR (42 states): American Indian	13719	90.9	2.4	45.3	14226	92.5	1.8	41.3
USA, NPCR (42 states): Asian and Pacific Islander	55974	92.6	1.0	46.6	65325	94.7	0.9	38.6
USA, NPCR (42 states): Black	341462	92.5	2.2	47.4	305042	92.9	1.8	49.6
USA, NPCR (42 states): White	2804669	93.4	1.8	43.9	2589381	93.1	1.8	44.0
USA, SEER (9 registries)	337656	94.2	1.1	35.6	314198	94.1	1.2	37.1
*USA, SEER (9 registries): Black	33537	94.1	1.0		29833	93.8	1.1	
*USA, SEER (9 registries): White	276587	94.3	1.1		257238	94.1	1.3	
USA, SEER (18 registries)	955802	93.8	1.1	34.8	888360	93.7	1.1	36.0
*USA, SEER (18 registries): Asian and Pacific Islander	49390	93.2	0.9		54012	94.9	0.8	
*USA, SEER (18 registries): Black	96828	93.1	1.4		85444	93.4	1.2	
*USA, SEER (18 registries): Hispanic White	76267	93.2	1.0		78823	94.7	0.8	
*USA, SEER (18 registries): Non−Hispanic White	713330	93.9	1.1		657548	93.5	1.2	
*USA, SEER (18 registries): White	789597	93.9	1.1		736371	93.6	1.2	
USA, Alabama	60502	94.3	1.5	49.4	50836	94.5	1.5	49.4
USA, Alabama: Black	12436	93.1	1.8	54.9	10607	94.4	1.4	54.2
USA, Alabama: White	47137	94.6	1.5	48.8	39601	94.5	1.5	48.6
USA, Alaska	6252	93.8	0.7	38.0	5559	94.9	0.7	35.0
*USA, Alaska: American Indian	846	92.8	0.1	54.1	1007	95.0	0.1	42.5
USA, Arizona	64649	90.7	2.8	45.3	57486	91.0	2.8	43.7
USA, Arizona: American Indian	1182	86.0	2.6	44.4	1302	90.9	2.2	46.2
USA, Arizona: Asian and Pacific Islander	506	90.1	3.6	40.7	669	93.9	1.2	38.9
USA, Arizona: Black	1480	89.7	2.8	48.0	1315	91.3	2.7	46.7
USA, Arizona: White	59626	90.6	2.9	46.6	53349	90.9	2.9	44.3
USA, Arkansas	38576	93.7	1.5	48.3	31650	93.9	1.4	50.2
USA, Arkansas: Black	4183	92.5	2.0	58.3	3597	92.6	1.7	56.8
USA, Arkansas: White	33894	93.8	1.4	47.5	27659	94.1	1.4	49.9
USA, California	372567	93.8	0.9	41.2	350901	93.8	0.8	42.1
USA, California: American Indian	1313	90.8	0.9	55.3	1339	90.3	1.7	47.6
USA, California: Asian and Pacific Islander	29513	92.7	0.7	46.0	33070	94.8	0.6	38.7
USA, California: Black	24776	93.1	1.2	46.8	21829	93.8	0.9	50.7
USA, California: White	305750	93.8	0.9	41.7	288482	93.7	0.9	42.7
USA, California, Los Angeles County	90777	94.5	1.0	37.2	89639	94.8	0.9	38.0
*USA, California, Los Angeles County: Asian and Pacific Islander	10419	93.9	0.9		11396	95.5	0.7	
*USA, California, Los Angeles County: Black	10377	93.2	1.4		9998	94.3	1.0	
*USA, California, Los Angeles County: Chinese	3010	92.7	1.0		2922	94.4	0.9	
*USA, California, Los Angeles County: Filipino	2422	95.1	0.5		3163	97.4	0.3	
*USA, California, Los Angeles County: Hispanic White	19524	93.9	1.0		21526	95.3	0.8	

*Important. See note on population page.

Indices of data quality

All sites except non-melanoma skin (C00-96 exc. C44) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
*USA, California, Los Angeles County: Japanese	1607	93.7	1.2		1635	94.9	0.9	
*USA, California, Los Angeles County: Korean	1586	93.7	0.8		1556	93.7	1.0	
*USA, California, Los Angeles County: Non−Hispanic White	47612	94.9	0.9		45772	94.5	1.0	
*USA, California, Los Angeles County: White	67136	94.6	0.9		67298	94.7	0.9	
USA, California, San Francisco Bay Area	48797	93.5	0.9	35.5	46356	93.5	1.0	38.1
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	7371	92.1	0.7		7940	94.3	0.7	
*USA, California, San Francisco Bay Area: Black	4827	91.5	1.3		4388	91.3	1.2	
*USA, California, San Francisco Bay Area: Hispanic White	4205	92.8	0.8		4429	94.2	1.0	
*USA, California, San Francisco Bay Area: Non−Hispanic White	31169	94.0	1.0		28932	93.4	1.1	
*USA, California, San Francisco Bay Area: White	35374	93.9	1.0		33361	93.5	1.1	
USA, Colorado	47919	93.2	2.2	37.9	44951	92.7	2.5	39.1
USA, Colorado: Asian and Pacific Islander	479	90.8	2.5	48.2	678	94.1	2.7	36.6
USA, Colorado: Black	1677	92.2	2.8	41.2	1235	92.1	2.7	42.4
USA, Colorado: White	44240	93.1	2.3	38.8	42089	92.6	2.5	39.8
USA, Connecticut	48766	95.8	1.2	35.7	47795	95.3	1.4	37.0
*USA, Connecticut: Black	3354	95.9	0.9		2990	95.9	1.2	
*USA, Connecticut: White	44471	95.8	1.2		43907	95.2	1.5	
USA, Delaware	12360	94.4	2.0	41.9	10838	93.6	2.3	44.2
USA, Delaware: Black	1950	94.6	2.8	40.4	1656	94.2	2.2	45.0
USA, Delaware: White	10156	94.4	1.9	42.8	8960	93.5	2.3	44.7
USA, Florida	266397	93.5	2.9	45.0	229331	93.7	2.3	44.4
USA, Florida: Asian and Pacific Islander	1159	95.9	0.0	50.6	1580	97.1	0.0	47.2
USA, Florida: Black	24498	93.1	2.9	45.9	20907	94.1	1.8	47.3
USA, Florida: White	236498	93.4	3.0	45.6	203674	93.6	2.4	44.7
USA, Georgia	98585	93.8	1.9	42.9	88355	93.5	2.0	43.0
USA, Georgia: Asian and Pacific Islander	693	93.8	1.3	47.8	912	95.9	1.0	37.4
USA, Georgia: Black	23752	93.2	2.0	44.6	21202	93.8	1.7	46.8
USA, Georgia: White	73403	93.9	1.9	42.6	65683	93.4	2.1	42.1
USA, Georgia, Atlanta	29098	95.7	1.0	32.0	27779	95.4	1.2	34.9
*USA, Georgia, Atlanta: Black	9455	95.2	1.0		8834	95.3	1.1	
*USA, Georgia, Atlanta: White	18848	95.9	1.0		18096	95.4	1.2	
USA, Idaho	17060	91.8	2.8	39.9	14591	91.8	2.3	41.4
USA, Illinois	157317	94.2	1.8	43.2	149684	93.8	1.6	44.4
USA, Illinois: Asian and Pacific Islander	1887	93.6	1.5	49.7	2376	96.0	1.3	38.8
USA, Illinois: Black	21002	92.9	3.2	48.5	19252	93.4	2.8	52.0
USA, Illinois: White	130832	94.3	1.6	43.4	125741	93.8	1.5	44.1
USA, Indiana	76762	93.3	2.1	47.9	73631	93.1	1.8	46.1
USA, Indiana: Black	5233	92.5	2.8	54.3	4975	92.8	1.9	52.8
USA, Indiana: White	69773	93.2	2.1	48.5	67429	93.1	1.8	46.3
USA, Iowa	41553	93.2	1.2	39.7	38747	92.9	1.4	39.7
USA, Kentucky	58613	91.8	1.2	42.5	54219	91.9	1.1	40.6
USA, Louisiana	46940	93.2	1.2	41.7	39271	92.8	1.3	43.3
*USA, Louisiana: Black	12563	91.7	1.6		10521	92.2	1.6	
*USA, Louisiana: White	33946	93.7	1.0		28430	93.0	1.2	
*USA, Louisiana, New Orleans	8713	92.4	2.5		7836	93.1	2.5	
*USA, Louisiana, New Orleans: Black	2943	90.9	3.3		2623	92.8	2.9	
*USA, Louisiana, New Orleans: White	5616	93.1	2.1		5109	93.3	2.3	
USA, Maine	21399	92.1	1.5	42.4	19426	91.4	1.9	43.8
USA, Massachusetts	89306	94.0	1.6	41.6	87755	93.4	1.6	42.4
USA, Massachusetts: Asian and Pacific Islander	1214	93.6	1.2	46.3	1470	95.5	1.4	30.1
USA, Massachusetts: Black	3793	93.9	1.8	40.8	3235	93.7	1.2	47.2
USA, Massachusetts: White	82462	93.9	1.7	42.5	81900	93.3	1.6	43.0
USA, Michigan	136807	92.6	1.3	41.4	123503	92.0	1.3	43.4
USA, Michigan: Asian and Pacific Islander	672	93.0	0.4	43.8	798	94.1	0.9	41.2
USA, Michigan: Black	16837	92.1	0.7	43.3	14877	91.3	0.6	47.7
USA, Michigan: White	114626	92.4	1.4	42.6	105437	92.0	1.4	43.5
USA, Michigan, Detroit	55909	95.3	1.0	35.5	51673	94.6	1.3	38.5
*USA, Michigan, Detroit: Black	12711	94.3	0.8		11348	93.4	1.0	
*USA, Michigan, Detroit: White	41548	95.6	1.1		39306	94.9	1.4	
USA, Mississippi	37423	93.0	2.7	48.9	30729	92.6	3.4	48.5
USA, Missouri	75726	91.5	2.3	47.3	70446	91.6	2.0	46.6
USA, Missouri: Black	6785	91.1	2.6	52.5	6422	92.2	1.7	51.8
USA, Missouri: White	67807	91.5	2.3	47.2	63049	91.5	2.0	46.4
USA, Montana	13085	92.6	2.9	42.0	11199	91.4	3.0	45.4
USA, Montana: American Indian	501	92.2	3.0	46.3	546	92.3	3.5	42.3
USA, Nebraska	23119	94.2	1.7	42.2	20918	94.0	1.6	43.2
USA, Nebraska: Black	658	93.6	2.1	44.5	561	93.4	1.2	52.9
USA, Nebraska: White	21815	94.2	1.7	43.0	19877	94.0	1.7	43.6
USA, New Hampshire	17832	93.8	1.0	40.6	16751	93.2	1.3	41.4
USA, New Jersey	118492	94.9	0.9	35.6	114514	94.1	1.1	38.5
*USA, New Jersey: Black	13075	94.0	1.2		12027	93.4	1.0	
*USA, New Jersey: White	99529	95.0	0.8		97507	94.2	1.1	
USA, New Mexico	21193	89.9	3.0	39.0	18852	91.5	3.0	38.9
*USA, New Mexico: Hispanic White	5917	88.9	3.3		5472	91.9	2.7	
*USA, New Mexico: Non−Hispanic White	14041	90.6	2.9		12052	91.3	3.2	
*USA, New Mexico: White	19958	90.1	3.0		17524	91.5	3.1	
USA, New York State	255006	93.4	0.8	37.8	247927	92.8	0.9	40.6
USA, New York State: Asian and Pacific Islander	6494	92.7	0.8	44.9	6993	95.0	0.5	32.8
USA, New York State: Black	33948	94.2	0.8	36.7	31899	93.9	0.6	43.6
USA, New York State: White	209223	93.2	0.8	38.7	204203	92.5	1.0	41.2
USA, North Carolina	110799	94.0	2.2	44.5	99312	93.3	2.3	44.5
USA, North Carolina: American Indian	818	93.5	2.4	47.3	666	93.8	1.7	47.4
USA, North Carolina: Asian and Pacific Islander	395	91.4	3.8	50.9	584	94.2	2.6	42.0
USA, North Carolina: Black	20941	93.4	2.7	47.4	17902	93.1	2.4	49.8
USA, North Carolina: White	87709	94.1	2.0	44.2	79338	93.4	2.2	43.7
USA, North Dakota	8984	95.2	0.7	42.0	7752	94.8	0.7	45.3
USA, Ohio	148223	95.0	1.5	48.2	141848	95.0	1.4	47.3
USA, Ohio: Asian and Pacific Islander	445	95.7	0.9	47.4	551	96.6	0.7	45.7
USA, Ohio: Black	14624	93.9	2.1	53.1	13616	94.8	1.5	53.8
USA, Ohio: White	129440	95.1	1.5	49.0	124846	94.9	1.4	47.6

*Important. See note on population page.

Indices of data quality

All sites except non-melanoma skin (C00-96 exc. C44) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
America, North (contd)								
USA, Oklahoma	47419	92.2	2.7	46.3	43318	92.3	2.0	44.2
USA, Oklahoma: American Indian	3287	90.6	2.8	35.5	3393	92.3	1.8	31.1
USA, Oklahoma: Black	2644	91.3	3.4	49.2	2360	92.5	2.2	48.3
USA, Oklahoma: White	40717	92.3	2.7	47.6	36944	92.2	2.1	45.6
USA, Oregon	46752	91.7	2.0	44.4	44562	91.7	1.8	43.9
USA, Oregon: Asian and Pacific Islander	586	86.5	2.0	54.4	772	92.7	0.8	36.9
USA, Oregon: Black	581	91.2	2.2	45.3	446	91.0	2.0	45.5
USA, Oregon: White	44044	91.6	2.0	45.5	41885	91.6	1.8	45.1
USA, Pennsylvania	186951	93.4	1.8	44.9	178097	92.6	1.8	45.4
USA, Pennsylvania: Asian and Pacific Islander	1039	93.5	0.7	42.6	1164	95.7	0.8	35.6
USA, Pennsylvania: Black	15163	91.8	2.4	48.2	14359	92.2	1.9	51.6
USA, Pennsylvania: White	166819	93.4	1.8	45.6	160058	92.5	1.9	45.7
USA, Rhode Island	15285	94.3	1.3	42.6	14950	93.8	1.5	42.6
USA, Rhode Island: Black	484	95.5	0.4	46.1	490	97.8	1.2	38.0
USA, Rhode Island: White	14360	94.3	1.3	43.2	14112	93.7	1.5	43.3
USA, South Carolina	57657	92.4	2.3	44.8	49194	92.4	2.3	44.9
USA, South Carolina: Black	13765	91.3	2.5	50.5	11370	91.4	2.4	51.7
USA, South Carolina: White	43062	92.7	2.2	43.6	37163	92.6	2.2	43.3
USA, South Dakota	10365	92.4	2.8	45.4	8924	92.4	2.0	45.7
USA, Tennessee	75176	93.0	3.5	50.5	68310	93.5	2.8	48.3
USA, Tennessee: Black	8817	90.9	5.3	58.6	8791	92.9	3.1	55.5
USA, Tennessee: White	65542	93.2	3.3	49.8	58683	93.6	2.7	47.7
USA, Texas	236184	91.4	2.3	42.6	212296	91.5	2.7	41.8
USA, Texas: Asian and Pacific Islander	2244	91.0	2.2	54.9	2787	92.7	2.0	44.7
USA, Texas: Black	25766	89.8	2.8	47.8	22719	90.8	2.6	48.6
USA, Texas: White	201924	91.5	2.3	43.1	182447	91.6	2.7	41.9
USA, Utah	21334	96.2	0.2	31.1	17492	96.0	0.3	33.7
USA, Vermont	8716	94.1	1.3	40.1	8430	92.8	1.6	40.5
USA, Virginia	89069	93.8	2.4	44.7	81097	93.2	2.7	45.4
USA, Virginia: Asian and Pacific Islander	1326	92.8	2.9	48.3	1719	94.6	2.8	42.4
USA, Virginia: Black	16028	92.6	2.9	50.5	13741	92.4	3.2	52.4
USA, Virginia: White	69804	93.9	2.3	44.4	64071	93.3	2.6	45.0
USA, Washington State	78303	93.0	1.0	39.8	72619	93.0	1.0	41.1
USA, Washington, Seattle	55268	93.3	0.7	34.0	51487	93.3	0.7	35.2
USA, West Virginia	28243	91.9	1.9	48.8	25634	91.5	1.7	48.1
USA, Wisconsin	72698	94.0	2.9	43.0	67023	93.6	3.1	43.6
USA, Wisconsin: Black	2921	95.4	1.9	46.5	2493	96.3	1.9	46.5
USA, Wisconsin: White	67605	94.1	3.1	43.8	62742	93.8	3.2	44.2
USA, Wyoming	6398	94.9	0.4	41.9	5345	94.4	0.5	45.3
Asia								
Bahrain: Bahraini	1027	87.7	4.5	73.0	1182	93.0	2.5	51.1
China, Beijing City	46965	72.6	0.3	71.9	43180	79.6	0.3	54.7
*China, Cixian County	5092	78.3	2.9	77.1	3428	75.1	3.4	68.4
China, Haining County	3706	58.4	2.6	75.2	2561	71.6	3.2	62.8
*China, Harbin City, Nangang District	6087	64.0	2.0	73.4	5225	68.4	1.8	58.5
China, Hong Kong	60365	83.0	1.1	66.1	50526	88.4	1.1	51.2
China, Jiashan County	3314	68.1	0.7	82.0	2174	78.3	0.6	67.0
China, Jiaxing City	2467	62.1	2.5	71.8	1844	70.6	2.5	53.3
China, Macao	2659	78.3	2.6	58.3	2447	76.7	1.8	44.5
China, Qidong County	10023	42.8	1.6	86.1	6023	56.5	1.3	75.1
*China, Shanghai City	58480	62.0	0.3	77.1	53394	70.2	0.3	62.4
*China, Wuhan City	29502	72.9		67.2	22709	83.8		48.5
*China, Yangcheng County	3563	83.5		69.9	2761	90.4		63.9
*China, Yanting County	6373	78.2	0.8	77.7	3873	81.4	1.0	80.7
*China, Zhongshan City	6946	70.4		77.7	4662	81.7		59.3
*India, Bangalore	8264	86.2	8.3		10140	89.9	5.8	
*India; Barshi, Paranda, and Bhum	588	81.6			626	87.7		
*India, Bhopal	2470	85.3	5.5		2393	90.5	2.9	
*India, Chennai	11435	78.9	2.5		12393	83.3	2.3	
*India, Dindigul, Ambilikkai	2505	74.7	5.5		3336	81.6	4.1	
*India, Karunagappally	1199	73.3	5.2		983	81.7	5.2	
*India, Mizoram	3074	73.8	10.8		2448	75.7	8.6	
*India, Mumbai	24331	85.5	6.1		25892	87.2	5.7	
*India, New Delhi	30692	81.0	1.0		28658	79.0	0.6	
*India, Poona	6152	87.7	6.4		6849	89.6	6.4	
*India, Sikkim State	893	79.7	6.8		818	80.6	5.6	
*India, Trivandrum	2081	76.6	10.2		2131	84.1	7.6	
*Iran (Islamic Republic of), Golestan Province	2791	69.5	9.9	47.6	2398	71.2	7.3	35.8
Israel	56766	91.3	4.4	47.6	56531	92.1	4.7	48.1
*Israel: Jews	52333	91.2	4.5		52648	92.0	4.7	
*Israel: Non–Jews	4433	92.5	4.2		3883	94.1	3.8	
Japan, Aichi Prefecture	16305	82.3	8.6	51.6	10805	80.7	10.7	51.9
Japan, Fukui Prefecture	13285	74.7	2.4	52.7	9592	72.0	3.6	54.8
Japan, Hiroshima	20655	89.7	5.6	39.3	14698	89.3	6.9	38.0
Japan, Miyagi Prefecture	40561	81.2	7.1	47.4	27010	79.6	9.2	48.4
Japan, Nagasaki Prefecture	26871	83.1	6.1	53.1	19346	81.1	7.9	54.4
Japan, Niigata Prefecture	41458	76.7	12.7	58.3	29191	75.4	13.3	56.8
*Japan, Osaka Prefecture	109584	71.7	13.1	68.8	77902	72.7	13.3	63.4
Japan, Saga Prefecture	12969	74.4	8.7	64.0	9330	71.6	9.8	67.0
Republic of Korea	388433	79.1	3.0	57.4	327832	85.4	3.0	40.4
Republic of Korea, Busan	29252	73.2	3.5	62.5	24235	81.9	3.5	46.2
Republic of Korea, Daegu	18773	80.1	2.5	39.5	17745	87.6	2.4	37.1
Republic of Korea, Daejeon	10105	83.3	1.8	51.9	9807	89.4	1.7	33.7
Republic of Korea, Gwangju	10423	75.6	1.2	52.8	10156	86.0	1.4	32.3
Republic of Korea, Incheon	16370	81.4	1.2	58.4	14512	87.9	1.2	41.1
Republic of Korea, Jejudo	3504	79.1	0.2	55.9	2954	83.6	0.8	44.7
Republic of Korea, Seoul	74146	82.2	2.7	49.9	68864	89.2	2.3	33.8
Republic of Korea, Ulsan	6807	80.9	2.0	53.3	6242	87.6	2.6	38.0

*Important. See note on population page.

Indices of data quality

All sites except non-melanoma skin (C00-96 exc. C44) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Asia (contd)								
Kuwait	3588	91.5	0.6	48.4	3948	95.2	0.5	37.6
*Kuwait: Kuwaitis	1560	89.7	1.2		2138	94.5	0.8	
*Kuwait: Non−Kuwaitis	2028	92.9	0.1		1810	96.0	0.1	
*Malaysia, Penang	3382	90.4			4076	94.1		
*Malaysia, Penang: Chinese	2334	91.3			2669	95.2		
*Malaysia, Penang: Indian	256	87.1			446	93.3		
*Malaysia, Penang: Malay	774	88.5			931	91.7		
*Philippines, Manila	16136	63.9	8.7		22415	75.1	5.9	
*Philippines, Rizal	15722	67.6	9.8		21818	79.0	6.9	
Qatar: Qatari	401	83.3	5.5	63.6	466	94.4	1.7	42.1
*Saudi Arabia, Riyadh: Saudi	5150	89.8	1.3		5381	94.6	0.9	
Singapore	20963	88.6	1.5	60.2	21915	93.0	1.3	46.2
Singapore: Chinese	18012	89.0	1.4	59.1	18648	92.8	1.3	45.6
Singapore: Indian	942	88.2	1.6	59.4	935	95.6	0.6	41.2
Singapore: Malay	1699	84.9	1.7	63.1	2054	93.2	1.4	46.1
Thailand, Bangkok	22072	69.4	7.2	70.8	25232	81.3	4.9	52.7
Thailand, Chiang Mai	6452	62.8	10.9	89.2	7455	76.6	7.6	67.6
Thailand, Chonburi	4120	68.2	6.5	68.2	4792	80.9	3.2	60.4
*Thailand, Khon Kaen	5978	42.5	6.9		5580	67.2	4.1	
Thailand, Lampang	4116	64.7	7.2	80.5	4129	75.5	4.6	59.7
*Thailand, Songkhla	3460	73.2	4.9		3071	86.3	2.9	
*Turkey, Antalya	7783	90.9	2.0	56.5	5519	92.4	1.7	43.4
*Turkey, Edirne	2292	80.0	7.3		1264	84.3	3.7	
*Turkey, Izmir	26461	87.9	4.4		17087	90.7	3.9	
*Turkey, Trabzon	2582	88.9	1.4		1753	90.4	1.0	
Europe								
Austria	104288	91.4	5.7	53.0	90223	90.1	6.8	56.4
Austria, Tyrol	8987	95.7	0.5	44.2	7596	94.6	0.8	50.0
Austria, Vorarlberg	4898	94.6	2.0	42.3	3456	92.7	3.3	52.4
*Belarus	81581	91.5		74.1	77290	94.6		54.4
*Belgium	134748	98.2		49.6	108038	98.6		46.5
Bulgaria	75569	73.3	9.8	70.9	69897	82.8	6.9	55.3
Croatia	56089	77.0	5.0	71.8	48081	78.5	5.1	60.4
Cyprus	6418	87.5	10.3	52.1	5819	89.4	9.1	44.8
Czech Republic	133841	86.6	0.9	63.8	120739	86.9	1.0	59.6
Denmark	75150	94.5	0.4	57.2	73071	93.9	0.4	56.9
*Estonia	14501	89.2		70.6	13817	91.7		62.1
Finland	64910	93.5	1.0	46.7	58583	91.9	1.1	48.6
*France, Bas−Rhin	16315	95.9		47.6	11870	95.2		46.7
*France, Calvados	10187	92.1		57.3	7508	93.5		50.8
*France, Doubs	7968	96.3		47.5	5519	95.8		46.3
*France, Haut−Rhin	11362	98.5		49.3	7750	98.4		49.8
*France, Hérault	16989	95.9		48.0	11441	95.6		48.1
*France, Isère	16915	94.9		46.0	12342	95.7		42.7
*France, Loire−Atlantique	19219	95.1		51.6	13345	96.4		47.7
*France, Manche	8492	94.8		56.3	5518	95.0		56.0
*France, Somme	8980	94.7		57.2	6547	94.5		54.0
*France, Tarn	6991	94.1		46.7	4779	93.0		48.7
*France, Vendée	9721	97.5		60.9	6596	97.4		55.6
Germany, Brandenburg	41215	87.7	10.5	52.8	31997	85.3	13.0	56.3
Germany, Bremen	11072	89.2	7.2	51.3	10077	88.8	7.2	51.0
Germany, Free State of Saxony	67905	86.4	10.9	51.3	57671	84.8	12.2	55.0
Germany, Hamburg	24380	91.0	5.4	56.4	23349	89.6	6.0	57.6
Germany, Mecklenburg−Western Pomerania	27323	87.8	10.1	52.0	20998	85.7	12.0	54.3
Germany, Munich	55164	88.2	9.1	47.3	50323	86.7	11.0	49.4
Germany, North Rhine−Westphalia	38725	88.7	4.4	52.6	33129	88.7	4.8	54.9
Germany, Saarland	17970	92.2	5.7	54.0	15024	90.6	6.9	55.0
Germany, Schleswig−Holstein	46876	85.4	10.9	46.5	42344	83.4	12.6	47.3
Iceland	3370	95.7	0.2	43.3	2957	95.7	0.2	45.4
Ireland	43715	89.1	1.3	51.7	38531	89.1	1.6	52.7
Italy, Biella	3773	86.4	0.6	54.7	3133	85.3	1.9	53.8
Italy, Brescia	13702	81.7	1.4	51.7	11714	82.6	2.4	48.8
Italy, Catania and Messina	12725	86.7	1.7	57.0	10822	88.5	2.3	50.9
Italy, Catanzaro	3063	85.0	0.8	50.3	2336	86.7	0.7	48.1
Italy, Como	8882	86.6	0.7	58.3	7516	88.0	1.3	56.4
Italy, Ferrara	8159	86.5	1.0	54.9	6674	86.6	1.1	50.4
Italy, Florence and Prato	12692	82.5	0.7	55.4	10960	83.3	0.8	51.5
Italy, Friuli−Venezia Giulia	24199	88.9	0.3	52.0	19838	88.0	0.6	54.5
Italy, Genoa	15154	82.5	1.0	56.4	12875	83.4	2.0	54.0
Italy, Latina	6766	78.3	1.7	58.8	5646	81.9	1.5	49.5
Italy, Lecco	5427	79.0	0.2	56.6	4617	80.4	0.1	56.9
Italy, Lombardy, South	8476	75.1	0.7	59.4	7050	78.0	0.9	54.5
Italy, Mantua	4098	84.5	1.2	57.4	3600	83.5	1.6	52.1
Italy, Milan	18900	86.8	1.6	52.5	17224	85.8	2.6	54.2
Italy, Modena	12387	89.8	0.2	48.1	10004	90.7	0.4	48.2
Italy, Naples	6075	81.1	1.3	53.7	4793	84.2	1.5	48.8
Italy, Nuoro	3094	80.2	1.7	64.5	2500	84.4	2.0	56.8
Italy, Palermo	11865	76.0	2.2	56.8	9907	80.0	2.5	53.0
Italy, Parma	8025	87.9	0.2	54.1	7289	88.1	0.4	51.1
Italy, Ragusa	3847	81.4	1.7	55.4	3197	83.6	2.5	49.8
Italy, Reggio Emilia	8523	85.6	0.2	52.8	7201	86.9	0.5	50.1
Italy, Romagna	23250	86.1	1.0	49.0	18639	87.1	1.3	48.1
Italy, Salerno	13263	80.5	2.4	59.5	9995	82.1	2.4	54.6
Italy, Sassari	6562	83.7	3.4	57.1	5297	85.3	3.2	51.5
Italy, Sondrio	3390	86.4	0.2	53.5	2403	88.0	0.6	53.0
Italy, South Tyrol	6017	91.0	1.0	46.8	4614	90.2	1.2	49.0

*Important. See note on population page.

Indices of data quality

All sites except non-melanoma skin (C00-96 exc. C44) (contd)

	Male				Female			
	Cases	MV(%)	DCO(%)	MI(%)	Cases	MV(%)	DCO(%)	MI(%)
Europe (contd)								
Italy, Syracuse	4852	81.7	1.3	61.0	3746	83.2	2.4	55.8
Italy, Trapani	4155	81.9	0.6	59.3	3349	84.1	1.0	54.7
Italy, Trento	5675	90.0	0.7	62.0	4871	89.3	1.3	60.2
Italy, Turin	16962	89.0	1.1	52.4	13795	88.3	1.8	51.9
Italy, Umbria	15450	93.9	0.1	54.6	11804	92.2	0.2	53.3
Italy, Varese	14599	86.8	0.6	55.8	11404	87.1	1.0	58.5
Italy, Veneto	31564	87.1	0.8	51.4	26460	87.6	1.2	48.7
Latvia	18513	71.5	11.2	74.2	18438	77.9	9.7	64.1
Lithuania	41205	83.8	4.9	58.9	33801	85.3	4.3	57.8
Malta	3727	92.0	4.8	60.7	3561	93.4	3.6	54.0
*Netherlands	198674	95.2		59.5	186841	95.9		54.2
*Netherlands, Eindhoven	13442	95.5		55.3	11889	95.8		50.8
Norway	62640	93.4	0.9	48.3	55200	92.8	1.0	50.0
Poland, Cracow	5672	85.2	5.1	83.1	6387	85.8	4.2	72.7
Poland, Kielce	12091	85.3	3.0	81.0	10170	86.8	2.9	69.2
Poland, Lower Silesia	25716	73.0	0.5	88.5	25749	77.2	0.4	76.6
Poland, Podkarpackie	17548	75.9	5.3	76.1	14618	77.1	5.6	68.0
Portugal, Azores	2717	87.2	3.8	67.1	1865	87.4	3.9	60.1
Russian Federation, Saint Petersburg	35978	71.7	0.0	86.8	47368	75.5	0.0	75.2
*Serbia, Central	53308	78.3	6.5	82.0	49534	81.3	5.7	69.6
Slovakia	55133	85.6	9.0	66.9	49245	86.7	8.5	56.2
Slovenia	25035	91.9	0.9	62.8	22240	92.3	1.1	58.4
Spain, Albacete	5167	86.6	2.1	53.4	3051	87.4	2.7	57.7
Spain, Asturias	18594	91.0	3.0	62.4	11856	89.8	3.7	59.6
Spain, Basque Country	36359	88.5	2.0	53.0	22499	88.0	2.9	50.3
Spain, Canary Islands	13851	89.7	2.0	58.7	9568	91.1	2.1	53.0
Spain, Ciudad Real	5297	86.6	1.9	61.7	3364	85.3	2.4	62.5
Spain, Cuenca	3366	82.7	4.5	53.1	1801	84.0	5.9	54.6
Spain, Girona	9966	87.4	3.2	50.9	6250	88.2	4.1	47.5
*Spain, Granada	9533	88.1		54.4	6690	89.8		50.3
Spain, La Rioja	4476	84.1	1.7	58.2	2824	85.2	1.9	55.8
Spain, Mallorca	10171	90.7	2.1	62.1	6635	91.5	2.6	55.0
Spain, Murcia	16019	90.4	1.8	51.5	10763	91.3	2.0	47.4
Spain, Navarra	8813	90.7	1.2	53.1	5902	89.7	1.4	50.6
Spain, Tarragona	10189	89.8	2.4	50.8	6445	89.6	2.9	49.5
*Sweden	121297	98.5		51.7	105901	98.4		56.5
Switzerland, Basel	6141	96.8	2.8	48.0	4986	95.9	3.9	51.2
Switzerland, Geneva	5879	93.1	0.6	42.4	5427	94.0	0.8	38.3
Switzerland, Graubünden and Glarus	3254	93.5	0.3	49.7	2516	92.9	0.4	50.4
Switzerland, Neuchâtel	2444	91.1	0.7	51.6	2104	92.3	0.8	47.9
Switzerland, St Gall−Appenzell	6716	95.3	0.2	46.3	5161	94.5	0.3	48.3
Switzerland, Ticino	4833	91.8	1.8	50.0	4376	92.9	2.4	48.5
Switzerland, Valais	4165	90.1	1.0	47.4	3115	92.5	1.0	43.6
Switzerland, Vaud	9034	94.2	1.7	46.5	7714	94.2	1.8	44.1
Switzerland, Zurich	16944	93.9	1.4	44.3	14425	94.6	1.6	46.3
Ukraine	360116	67.3	0.6	79.7	361812	77.8	0.4	62.1
UK, England	625958	83.1	2.7	60.1	601368	83.9	2.9	58.1
UK, England, East of England Region	69402	84.0	1.9	59.8	65292	84.8	2.0	58.5
UK, England, North Western	86548	78.0	1.3	61.1	82807	77.9	1.2	59.9
UK, England, Northern and Yorkshire	89833	85.2	1.0	60.9	85928	85.3	1.0	59.4
UK, England, Oxford Region	31120	87.3	1.7	56.5	30367	87.9	2.0	55.3
UK, England, South and Western Regions	98014	84.2	2.3	56.1	93283	85.4	2.9	54.7
UK, England, Thames	122462	82.9	3.5	60.3	120517	83.8	3.7	58.5
UK, England, Trent	38409	83.6	2.2	61.1	36721	85.3	2.1	57.1
UK, England, West Midlands	66583	83.4	7.1	62.4	62903	84.6	7.4	58.9
UK, Northern Ireland	18791	82.0	1.1	59.3	18484	84.9	1.4	56.9
UK, Scotland	70099	84.4	0.6	61.8	70743	85.4	0.7	59.7
UK, Wales	43664	79.4	3.1	58.4	40011	78.6	3.9	59.0
Oceania								
Australian Capital Territory	3517	93.5	0.9	39.7	3062	93.6	1.6	36.7
Australia, New South Wales	97738	90.8	1.3	43.2	75725	90.5	1.7	43.8
Australia, Northern Territory	1605	94.0	0.3	46.2	1094	94.8	0.5	38.6
Australia, Northern Territory: Indigenous	247	87.9	0.4	72.1	254	89.8	0.8	57.9
Australia, Northern Territory: Non−Indigenous	1328	95.0	0.3	41.4	828	96.3	0.5	32.7
Australia, Queensland	57868	89.6	0.9	40.0	43842	90.3	1.2	38.0
South Australia	24612	91.9	0.0	43.3	18748	90.9	0.0	46.2
Australia, Tasmania	7923	91.8	0.1	45.6	5854	90.7	0.1	49.2
Australia, Victoria	71602	91.1	2.2	42.7	56310	90.7	3.1	43.9
Western Australia	26594	92.9	0.2	42.1	20408	92.7	0.3	41.7
New Zealand	50041	89.0	2.9	47.2	45118	90.2	3.2	47.4
New Zealand: Maori	3622	85.6	3.3	57.5	4430	90.3	2.6	48.0
New Zealand: Pacific Islander	1403	82.9	3.8	52.4	1526	91.3	2.2	46.0
New Zealand: Other	45016	89.4	2.8	46.1	39162	90.1	3.3	47.4
USA, Hawaii	15738	94.4	1.3	37.7	14017	95.2	1.3	34.2
*USA, Hawaii: Chinese	945	94.6	1.1		894	93.6	2.1	
*USA, Hawaii: Filipino	2063	94.1	1.6		1869	96.3	1.0	
*USA, Hawaii: Hawaiian	1919	93.9	1.6		2327	95.6	1.4	
*USA, Hawaii: Japanese	4276	93.8	1.7		3771	94.3	1.3	
*USA, Hawaii: White	5371	95.1	1.1		3939	95.3	1.4	

*Important. See note on population page.

Errors in Volume IX

1. It has come to our attention that the data for **USA, New York State: Black** and **USA, New York State: White** are for the non-Hispanic populations only, and therefore cannot be directly compared with the data published in Volume VIII and Volume X.
2. The population estimates provided for **Zimbabwe, Harare** have been found to be inaccurate; as a result, the rates were somewhat underestimated.