United States Cancer Statistics

2001 INCIDENCE AND MORTALITY

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For more information, contact

National Program of Cancer Registries (NPCR)
National Center for Chronic Disease
Prevention and Health Promotion
Centers for Disease Control and Prevention
4770 Buford Highway, MS K-53
Atlanta, GA 30341-3717
Phone: (770) 488-4783
Fax: (770) 488-4759
Web address: http://www.cdc.gov/cancer/npcr/

Surveillance, Epidemiology, and End Results (SEER) Program
Surveillance Research Program, DCCPS
National Cancer Institute, NIH
6116 Executive Boulevard, MSC 8316
Bethesda, MD 20892-8316
Phone: (301) 496-8510
Fax: (301) 496-9949
Web address: http://seer.cancer.gov

National Center for Health Statistics
Centers for Disease Control and Prevention
3311 Toledo Road
Hyattsville, MD 20782-2064
Phone: (301) 458-4000
Email address: nchsquery@cdc.gov
Web address: http://www.cdc.gov/nchs/

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United States Cancer Statistics

2001 Incidence and Mortality

U.S. Cancer Statistics Working Group

U.S. Cancer Statistics Working Group

Editors

Centers for Disease Control and Prevention

National Center for Chronic Disease Prevention and Health Promotion
Lyn Almon, MSPH
Cheryll Cardinez, MSPH
Carol Friedman, DO
Robert R. German, DrPH
Patricia M. Jamison, MPH
Jessica B. King, MPH
Joseph D. Rogers, BS
Sherri L. Stewart, PhD
Trevor D. Thompson, BS
Phyllis A. Wingo, PhD, MS

National Center for Health Statistics
Robert N. Anderson, PhD

National Cancer Institute

Brenda K. Edwards, PhD
Marsha Reichman, PhD

North American Association of Central Cancer Registries

Dennis Deapen, DrPH
Holly L. Howe, PhD

Ordering Information

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Centers for Disease Control and Prevention
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Prevention and Health Promotion
Division of Cancer Prevention and Control
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4770 Buford Highway, Northeast
Atlanta, GA 30341-3717

All sections of this report are available on the Web sites listed below:

- http://www.cdc.gov/cancer/npcr/uscs/
- http://seer.cancer.gov/statistics/

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The Centers for Disease Control and Prevention and the National Cancer Institute thank the staff in state and metropolitan area cancer registries for their commitment to cancer surveillance and control programs. The consistent efforts of registry staff to collect complete, timely, and high-quality cancer incidence data are essential for monitoring progress toward reducing the burden of cancer in the United States. Appendix A provides a list of state and metropolitan area cancer registries in the National Program of Cancer Registries (NPCR) and Surveillance, Epidemiology, and End Results (SEER) programs.

We thank the National Program of Cancer Registries' Scientific Workgroup members for their assistance in designing and reviewing this report. Appendix B lists members of the workgroup.

We also wish to thank vital registration and statistics staff in the 50 states, New York City, and the District of Columbia for their efforts to provide high quality, timely, and comparable mortality data.

National partner organizations are crucial to the success of cancer registration and cancer surveillance in the United States. This document, and many advances in cancer surveillance in the United States, would not have been possible without the tireless efforts and many achievements of these organizations. The Centers for Disease Control and Prevention and the National Cancer Institute gratefully acknowledge and thank the American Cancer Society, the American College of Surgeons Commission on Cancer, the American Joint Committee on Cancer, the National Cancer Registrars Association, and our collaborating partner, the North American Association of Central Cancer Registries, for their support for cancer registration and cancer surveillance provided over many years. Appendix C has contact information for these national partner organizations.

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Preface

United States Cancer Statistics: 2001 Incidence and Mortality is a joint publication of the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia; the National Cancer Institute (NCI) in Bethesda, Maryland; and the North American Association of Central Cancer Registries (NAACCR) in Springfield, Illinois. This is the third annual joint report produced, in collaboration with NAACCR, by the two federal programs that support population-based cancer registries in the United States: CDC's National Program of Cancer Registries (NPCR) and NCI's Surveillance, Epidemiology, and End Results (SEER) Program. This report contains official federal government cancer statistics for more than 1 million invasive cancer cases diagnosed during 2001 among residents of 43 states, 6 metropolitan areas, and the District of Columbia, geographic areas in which about 92% of the U.S. population resides. Data from population-based central cancer registries in these states and metropolitan areas meet the selected criteria for inclusion in this report (see "Registry Eligibility Criteria").

This year, in addition to cancer incidence data, we present cancer mortality data collected and processed by CDC's National Center for Health Statistics (NCHS). Mortality statistics, based on records of deaths that occurred during 2001, are available for all 50 states and the District of Columbia.

The age-adjusted incidence and death rates are adjusted to the 2000 U.S. standard population, consistent with rates published in previous *United States Cancer Statistics* reports. Readers should not compare these data with published cancer rates that were not adjusted to the 2000 U.S. standard.

Several additions have been made to this report: (1) national and state mortality data are presented, (2) the race/ethnicity categories are expanded to include national and state cancer incidence and mortality data for Hispanics, and (3) the incidence and mortality of mesothelioma and the incidence of Kaposi's sarcoma are provided in a separate series of tables. These additions provide more comprehensive data while maintaining high-quality data standards.

In addition to the annual printed publication, a Web-based version of the report, with current cancer incidence and mortality statistics and updated incidence statistics for previous years, will be available at http://www.cdc.gov/cancer/npcr/uscs/. Data at this Web site will be provided in an HTML format that can be viewed in a variety of ways. A downloadable ASCII-formatted version of the data that can be manipulated to meet the needs of the user will also be available.

United States Cancer Statistics: 2001 Incidence and Mortality

Executive Summary

The Centers for Disease Control and Prevention (CDC) and the National Cancer Institute (NCI), in collaboration with the North American Association of Central Cancer Registries (NAACCR), are pleased to release the third annual *United States Cancer Statistics* report. This report provides official federal government cancer statistics for cases diagnosed in 2001 and for cancer deaths that occurred in 2001. Cancer incidence statistics included in this report come from CDC's National Program of Cancer Registries (NPCR) and NCI's Surveillance, Epidemiology, and End Results (SEER) Program. Cancer mortality statistics are from CDC's National Vital Statistics System (NVSS).

This year, incidence data from 43 states, 6 metropolitan areas, and the District of Columbia are included in the report. The data obtained from NPCR and SEER registries in these areas cover 92% of the U.S. population, an increase over last year's coverage of 84%. The increase is attributable to more state registries' data meeting quality criteria for inclusion in the report and shows continued progress toward establishing a national system of cancer surveillance. Mortality data from NVSS are presented for all 50 states and the District of Columbia, and therefore cover 100% of the U.S. population.

The race and ethnicity categories were expanded this year to include U.S. and geographic area-specific cancer statistics for Hispanics/Latinos. The Hispanic/Latino incidence data are classified by one of two methods: (1) data from NPCR registries are classified according to the NAACCR Hispanic Identification Algorithm (NHIA), and (2) data from SEER registries are classified according to the Spanish/Hispanic origin variable. Mortality data for Hispanics/Latinos are reported as recorded on the death certificate. Studies continue to address and correct misclassification among all racial and ethnic populations; therefore, we expect that race and ethnicity categories will be expanded in future years to include data for American Indians/Alaska Natives.

Cancer incidence and mortality statistics are reported for 66 selected primary cancer sites and subsites for males, 70 selected primary cancer sites and subsites for females, and for all cancer sites combined. These data have been assembled into tables that provide specific information with regard to geographic area, race, sex, and age. In addition to these tables, we include graphs depicting the incidence and death rates for the 10 primary cancer sites with the highest age-adjusted rates within specific geographic areas for males and females.

The childhood cancer section describes cancer among children and adolescents. Incidence data for more than 10,000 childhood cases of cancer are presented for specific cancer types, classified according to the

International Classification of Childhood Cancer (ICCC) and further categorized by race, sex, and age. Childhood cancer incidence data are also presented by primary cancer site. We do so to facilitate comparisons with data on childhood cancer mortality, which are presented only by primary cancer site.

This year, there is a separate section with data on two rare cancers, mesothelioma and Kaposi's sarcoma. In this section, incidence data for both cancers and mortality data for mesothelioma are reported and categorized by geographic area, sex, age, and race or ethnicity.

Age-adjusted cancer incidence and death rates, with 95% confidence intervals, are provided in each section. All rates in this report are age-adjusted to the 2000 U.S. standard population. Age adjustment allows researchers to compare data across populations by controlling for the effect of age on populations with different age distributions. In this report, population estimates for 2001 were obtained from the 2000 U.S. census and slightly modified by SEER. These modified population estimates improve the accuracy of the rates for some racial and geographic populations. Slightly different population estimates were used to calculate incidence and death rates because of the slight difference in population coverage (92% and 100%, respectively). Therefore, readers should be cautious when interpreting comparisons between incidence rates and death rates. In addition, readers should not compare the rates published in this report with cancer rates that were calculated using different methods or standardized to different populations.

Major Findings[1]

Cancer Among Men

- The leading cancer among men, regardless of race or ethnicity, is prostate cancer, followed by lung cancer and colorectal cancer.
- The fourth leading cancer among men varies by race or ethnicity: among white and Hispanic men, it is urinary bladder cancer; among black men, cancer of the kidney and renal pelvis; among Asian/Pacific Islander men, liver cancer.
- The leading cause of cancer death among men, regardless of race or ethnicity, is lung cancer, followed by prostate cancer among white, black, and Hispanic men, and colorectal cancer among Asian/Pacific Islander men.
- Colorectal cancer is the third leading cause of cancer death among white, black, and Hispanic men, whereas liver cancer is the third leading cause of cancer death among Asian/Pacific Islander men.

[1] Major incidence findings include only invasive cancers and *in situ* bladder cancer.

Cancer Among Women

- Breast cancer is the most common cancer among women, regardless of race or ethnicity.
- Among white women, lung cancer is the second most common cancer and colorectal cancer is the third most common.
- Among black, Asian/Pacific Islander, and Hispanic women, colorectal cancer is the second most common cancer and lung cancer is the third most common.
- The fourth leading cancer among women, regardless of race, is cancer of the uterus (not including cervix).
- Lung cancer is the leading cause of cancer death among white, black, and Asian/Pacific Islander women and the second leading cause of cancer death among Hispanic women.
- Breast cancer is the leading cause of cancer death among Hispanic women and the second leading cause of cancer death among white, black, and Asian/Pacific Islander women.
- Colorectal cancer is the third leading cause of cancer death among women, regardless of race or ethnicity.

Cancer Among Children Aged 0–19 years

- The most common childhood cancer and the leading cause of cancer death among children is leukemia. Central nervous system cancers are the second most common among children.
- The highest incidence rate of leukemia is found among children 1 to 4 years old, and the highest death rate is among children 15 to 19 years old.

Racial or Ethnic Variations

- Cancer incidence and death rates for men are highest among blacks, followed by whites, Hispanics, and Asian/Pacific Islanders.
- Cancer incidence rates for women are highest among whites, followed by blacks, Hispanics, and Asian/Pacific Islanders. Cancer death rates for women are highest among blacks, followed by whites, Hispanics, and Asian/Pacific Islanders.
- Of the leading cancers,[2] prostate cancer incidence rates are about 3.5 times higher among black men than among Asian/Pacific Islander men, and prostate cancer death rates are almost 6 times higher among black men than among Asian/Pacific Islander men.

[2] In each of the leading cancer comparisons, the racial or ethnic population with the highest rate is compared with the racial or ethnic population with the lowest rate.

- Breast cancer incidence rates are about 2 times higher among white women than among Asian/Pacific Islander women, and breast cancer death rates are about 2.7 times higher among black women than among Asian/Pacific Islander women.
- Among men, lung cancer incidence rates are about 2.8 times higher among blacks than among Asian/Pacific Islanders; among women, lung cancer incidence rates are about 2.6 times higher among whites than among Asian/Pacific Islanders.
- Among men, lung cancer death rates are about 2.7 times higher among blacks than among Hispanics; among women, lung cancer death rates are about 2.9 times higher among whites than among Hispanics.

Geographic Variations

- The highest prostate cancer incidence rate occurs in the District of Columbia, with the metropolitan area of Detroit having an even higher rate. The highest prostate cancer death rate occurs among men in the District of Columbia. Arizona has the lowest incidence rate of prostate cancer, and Hawaii has the lowest prostate cancer death rate.
- Washington has the highest incidence rate of female breast cancer, with the metropolitan area of Seattle having an even higher rate. Texas has the lowest incidence rate of breast cancer. The District of Columbia has the highest female breast cancer death rate, and South Dakota has the lowest.
- Kentucky has the highest incidence rate of lung cancer among men and women, and the highest death rate of lung cancer among men. West Virginia has the highest lung cancer death rate among women. Utah has the lowest lung cancer incidence and death rates among men and women.
- Kentucky has the highest incidence rate of colorectal cancer for men, and New Jersey has the highest incidence rate for women. The District of Columbia has the highest colorectal cancer death rates among men and women. Utah has the lowest colorectal cancer incidence and death rates among men and women.

Mesothelioma and Kaposi's Sarcoma

- Mesothelioma and Kaposi's sarcoma primarily affect men.
- The highest incidence and death rates for mesothelioma occur among those aged 75 years or older.
- White men and women are more often affected by mesothelioma than are black, Asian/Pacific Islander, or Hispanic men and women.

- The highest incidence rates of Kaposi's sarcoma occur among men aged 35–44 and among women aged 55 or older.
- Among men aged 35–44, Kaposi's sarcoma is 1.6 times higher for black men than for Hispanic men and 3 times higher for black men than for white men.

Two points should be kept in mind when interpreting the data in this report. First, differences in rates among racial and ethnic populations should be interpreted with caution. Recent studies involving cancer mortality data show that death rates for whites and blacks are generally reliable, whereas death rates for Asian/Pacific Islanders and Hispanics are underestimated. Studies involving cancer incidence data suggest similar results. Therefore, incidence and mortality data published in this report may be underestimated for Asian/Pacific Islanders, possibly due to racial/ethnic misclassification. Hispanic incidence rates generated using NHIA continue to be evaluated. Under- or over-estimation of Hispanic cancer incidence using this algorithm could be due to ethnic misclassification or differences in registry operations.

Second, geographic variations may be influenced by a number of factors, such as (1) areas in which a high percentage of the population is screened for cancer will have more cancer cases diagnosed than states in which a low percentage of the population is screened; (2) rates for certain cancers differ among different racial and ethnic populations (e.g., black men have higher prostate cancer rates than other racial or ethnic groups); therefore, when comparing cancer rates across geographic areas, the racial and ethnic makeup of that area should be considered; and (3) the population burden of cancer in a geographic area is determined by the number of cases diagnosed and the number of cancer deaths, not by the rate; therefore a relatively high or low cancer rate may not be a reflection of the true cancer burden within that geographic area.

United States Cancer Statistics: 2001 Incidence and Mortality provides a basis for states and researchers to begin describing the variability in cancer incidence and death rates across different populations and to identify certain population groups for evidence-based cancer control measures. Cancer control planners can use these findings to focus the development of effective cancer prevention and control activities. Work is in progress to ensure receipt of high-quality data from all NPCR and SEER registries. We expect that future publications of this report will be based on high-quality data from a greater number of state registries, thus allowing a more comprehensive description of cancer burden across racial, ethnic, and geographic populations in the United States.

Format and Content of the Report

This report has six major sections:

- Technical Notes
- Cancer Incidence and Mortality for Adults and Children: All Areas Combined
- Cancer Incidence and Mortality, by U.S. Census Region and Division, State, and Metropolitan Area
- State and Metropolitan Area Incidence Rates and State Death Rates for the Most Common Cancers
- Mesothelioma Incidence and Death Rates and Kaposi's Sarcoma Incidence Rates
- Appendices

Technical Notes. In this section, we describe the background for the report and provide information about the two federal programs that support cancer registration in the United States; their collaborating partner, the North American Association of Central Cancer Registries; and the federal program that disseminates our nation's vital statistics. Also provided are (1) criteria required for inclusion of a registry's incidence data in the report, (2) information on cause-of-death coding and classification, and (3) information about the data sources and the statistical methods used in preparing the report. Suggestions for interpreting the data follow. Information about the Web publication of this report and Web-based updates of previous publications (http://www.cdc.gov/cancer/npcr/uscs/) conclude the technical notes.

Cancer Incidence and Mortality for Adults and Children: All Areas Combined. Figure 1 is a map showing all the states and metropolitan areas that contributed incidence and mortality data to the report. Tables 1.1.1.1M through 1.1.1.2F provide age-adjusted incidence and death rates and corresponding 95% confidence intervals, by sex and race (all races, white, black, Asian/Pacific Islander) and ethnicity (Hispanic), for invasive cancers at 66 selected primary sites and sub-sites for males and 70 selected primary sites and sub-sites for females (including *in situ* breast cancer incidence), and for invasive cancers at all sites combined. Tables 1.1.2.1M through 1.1.2.2F provide invasive cancer incidence and death rates by age and corresponding 95% confidence intervals for all cancer sites combined, by sex and race or ethnicity. Tables 1.2.1.1M through 1.2.1.1F provide age-adjusted invasive cancer incidence rates and 95% confidence intervals by SEER Modification of the International Classification of Childhood Cancer (ICCC) site group, race (all races, white, black, Asian/Pacific Islander) or ethnicity (Hispanic), and sex for children aged 0–19 years. Table 1.2.2.1 shows age-adjusted invasive cancer incidence rates and 95% confidence intervals by ICCC group or subgroup, and age (0–14, 0–19), for all races (males and females combined). Table 1.2.3.1 shows invasive cancer incidence rates by age and 95% confidence intervals by ICCC group or subgroup, for all races

(males and females combined) for children aged 0–19. Tables 1.2.4.1M through 1.2.4.2F provide the childhood (ages 0–19) age-adjusted invasive cancer incidence and death rates and corresponding 95% confidence intervals by primary site, race or ethnicity, and sex. Tables 1.2.5.1 through 1.2.5.2 show childhood age-adjusted invasive cancer incidence and death rates and corresponding 95% confidence intervals by primary site and age (0–14, 0–19) for all races (males and females combined). Tables 1.2.6.1 through 1.2.6.2 show childhood invasive cancer incidence rates by age and 95% confidence intervals by primary site for all races (males and females combined). Incident case and death counts used in calculating the rates in the Table 1 series are in Appendix D.

Cancer Incidence and Mortality, by U.S. Census Region and Division, State, and Metropolitan Area. Figure 2 is a map showing the states and metropolitan areas, by U.S. census region and division, that contributed incidence and mortality data to this report. Tables 2.1.1.1M through 2.25.1.2F show the age-adjusted invasive cancer incidence and death rates for U.S. census regions and divisions, states, and metropolitan areas by sex and race (all races, white, black) and ethnicity (Hispanic), for invasive cancers at each of 23 major primary sites, *in situ* female breast cancer, and invasive cancers at all sites combined. Appendix G shows the age-adjusted invasive cancer incidence and death rates and corresponding 95% confidence intervals for U.S. census regions and divisions, states, and metropolitan areas by sex for Asian/Pacific Islanders unless suppression criteria require that the data be withheld. Incident case and death counts used in calculating the rates in the Table 2 series are in Appendix E.

State and Metropolitan Area Incidence Rates and State Death Rates for the Most Common Cancers. Figures 3.1.M1 through 3.58.F2 are a set of bar graphs for the United States and each of the 50 contributing state or metropolitan area cancer registries and the 51 contributing vital statistics offices in the District of Columbia and the 50 states. The graphs rank the incidence and death rates for the 10 cancer sites with the highest age-adjusted incidence or death rates within sex- and race- or ethnic-specific population subgroups in the United States and each state or metropolitan area. The rates are the same as those shown in the Table 2 series with the following exception: for populations of less than 50,000, incidence rates were not ranked and therefore are not shown. Incident case and death counts used to calculate the rates for these figures are in Appendix E.

Mesothelioma Incidence and Mortality and Kaposi's Sarcoma Incidence. Tables 3.1.1.1M–3.1.1.2F show mesothelioma incidence and death rates and corresponding 95% confidence intervals by age, race (all races, white, black, Asian/Pacific Islander) and ethnicity (Hispanic), and sex. Table 3.1.2 shows mesothelioma incidence and death rates and corresponding 95% confidence intervals by U.S. census region and division, state and metropolitan area, and sex, for all races combined. Tables 3.2.1.1M and 3.2.1.1F provide Kaposi's sarcoma incidence rates and 95% confidence intervals by age, race (all races, white, black,

Asian/Pacific Islander) and ethnicity (Hispanic), and sex. Table 3.2.2.1 shows Kaposi's sarcoma incidence rates and 95% confidence intervals by U.S. census region and division, state and metropolitan area, and sex, for all races combined. Incident case and death counts used to calculate the rates for the Table 3 series are in Appendix F.

Appendices. These supplement information in the report and assist readers in interpreting the data in the statistical tables and figures.

Technical Notes

FPO

See attached document

CancerStatisticsDeviders_Final

Background

Cancer is the second leading cause of death among Americans.[1-3] One of every four deaths in the United States is due to cancer. The American Cancer Society estimates that, in 2004, about 1,368,030 Americans will receive a new diagnosis of invasive cancer and 563,700 Americans will die of this disease. These estimates do not include *in situ* cancers or the 1 million cases of basal and squamous cell skin cancers expected to be diagnosed this year. The National Cancer Institute (NCI) recently estimated that on January 1, 2001, 9.8 million Americans had a history of invasive cancer.[4]

According to the 2004 Annual Report to the Nation on the Status of Cancer, age-adjusted incidence rates for all cancer sites combined were essentially stable from 1995 through 2001.[5] U.S. death rates for all cancer sites combined decreased beginning in 1993. The number of Americans diagnosed with cancer each year is expected to double in the next 50 years, from 1.3 million to 2.6 million. The anticipated growth and aging of the U.S. population are factors that will increase the number of people who are diagnosed with, and treated for, cancer.[6]

The National Institutes of Health estimated that, in 2004, the overall annual cost of cancer would be about $189.8 billion, broken down as follows:[7]

- Direct medical costs, including health expenditures: $69.4 billion.
- Indirect morbidity costs associated with lost productivity due to illness: $16.9 billion.
- Indirect mortality costs associated with lost productivity due to premature death: $103.5 billion.

These costs are likely to increase because of the anticipated growth and aging of the U.S. population.

There are effective primary and secondary prevention measures that could substantially reduce the number of new cancer cases and prevent many cancer-related deaths. To reduce the nation's cancer burden, we must reduce the prevalence of behavioral and environmental factors that increase cancer risk, and we must ensure that high-quality screening services and evidence-based treatment protocols are available and accessible, particularly to medically underserved populations.[8,9]

Cancer registries collect data about the occurrence of cancer (incidence), the types of cancer that occur (morphology), the site in the body where the cancer first occurred (primary site), the extent of disease at the time of diagnosis (stage), the planned first course of treatment received by cancer patients, and the outcome of treatment and clinical management (survival and vital status).[10,11] Cancer data are reported to metropolitan area, regional, and statewide cancer registries from a variety of medical facilities, including hospitals, physicians' offices, radiation facilities, freestanding surgical centers, and pathology laboratories. Cancer death data are recorded on death certificates that are sent to state vital statistics offices. Death certificates contain information regarding primary cancer site and morphology.

Information derived from population-based central cancer registries and from death certificates is critical for directing effective location- or population-specific cancer prevention and control programs that focus on preventing behaviors that put people at increased risk for cancer (e.g., smoking) and on reducing environmental risk factors (e.g., occupational exposure to known carcinogens). This information is also essential for deciding which locations should have cancer-screening programs and for making long-term plans for adequate diagnostic and treatment services. Pooled data at the national, regional, and state levels will help federal and state public health officials establish, prioritize, and monitor national public health surveillance initiatives and track progress toward the national goals and objectives set forth in *Healthy People 2010*,[12] which contains a set of health objectives for the nation to achieve during the first decade of the 21st century. For more information on *Healthy People 2010*, visit the Web site http://www.healthypeople.gov/document/.

Federal Programs

Surveillance, Epidemiology, and End Results (SEER) Program

In 1971, Congress passed the National Cancer Act that mandated the collection, analysis, and

dissemination of data useful for the prevention, diagnosis, and treatment of cancer.[13] This mandate led to the establishment of the Surveillance, Epidemiology, and End Results (SEER) Program.[14] A continuing program of the NCI, SEER consists of population-based cancer registries that routinely collect data on all cancers that occur among residents of the participating geographic areas. Since 1973, data for cancer incidence and patient survival in the United States are derived from this database.

The goals of the SEER Program are as follows:

- Assemble and report, on a periodic basis, estimates of cancer incidence, survival, and mortality in the United States.
- Monitor annual cancer incidence trends in order to identify unusual changes in specific forms of cancer that occur in population groups, which are defined by geographic and demographic characteristics.
- Provide continuing information on trends over time in the extent of disease at diagnosis, trends in therapy, and associated changes in patient survival.
- Promote studies designed to identify factors amenable to cancer control interventions, such as (a) environmental, occupational, socioeconomic, dietary, and health-related exposures; (b) screening practices, early detection, and treatment; and (c) determinants of length and quality of patient survival.
- Promote research studies measuring progress in cancer control and etiology, including linkage of information from the biomedical and social sciences.
- Promote specialty training in epidemiology; biostatistics; surveillance research; and tumor registry methodology, operations, and management.
- Develop new statistical methods, models, and software for the analysis and presentation of national and small-area cancer statistics.

The SEER Program is an authoritative source of information on cancer incidence and survival in the United States. Case ascertainment for SEER began on January 1, 1973, in Connecticut, Hawaii, Iowa, New Mexico, and Utah and in the metropolitan areas of Detroit, Michigan, and San Francisco-Oakland, California. During 1974–1975, the metropolitan area of Atlanta, Georgia, and the 13-county Seattle-Puget Sound area in Washington were added. In 1978, 10 predominantly black rural counties in Georgia were added, followed in 1980 by the addition of American Indians residing in Arizona. Three other geographic areas participated in the SEER Program but left the program prior to 1990: New Orleans, Louisiana (1974–1977); four counties in New Jersey (1979–1989); and Puerto Rico (1973–1989). The NCI also funds a cancer registry that, with technical assistance from SEER, collects information on cancer cases among Alaska Natives residing in Alaska. In 1992, the SEER Program was expanded to increase coverage of minority populations, especially Hispanics, by adding Los Angeles County, California, and four counties in the San Jose-Monterey area south of San Francisco, California. In 2001, the SEER Program further expanded its coverage by providing additional funds to registries of the National Program of Cancer Registries (NPCR) in Kentucky, Louisiana, New Jersey, and remaining counties in California (see Web site http://seer.cancer.gov/about/expansion.html). Appendix H is a map of the United States that shows the location of SEER registries. Appendix I shows the first diagnosis year for which data were reported to NCI for each SEER area.

The SEER Program currently collects and publishes cancer incidence and survival data from these population-based cancer registries and supplemental registries. With its recent expansion in 2001, SEER coverage increased from 14% to 26% of the U.S. population (from about 39 million to nearly 74 million people). The 2001 expansion increased SEER coverage to 23% of whites, 23% of blacks, 40% of Hispanics, 42% of American Indians and Alaska Natives, 53% of Asians, and 70% of Native Hawaiians and Pacific Islanders (54% of Asian/Pacific Islanders combined). Information on more than 3 million *in situ* and invasive cancer cases is included in the SEER database, and more than 320,000 new invasive cases are accessioned each year within SEER catchment areas, including areas covered by the recent expansion of the SEER Program. The SEER registries routinely collect data on patient demographics, primary tumor site, morphology, stage at diagnosis, and first course of

treatment. They also actively follow all patients for information on vital status and survival.

For more information on the SEER Program, visit its Web site at http://seer.cancer.gov.

National Program of Cancer Registries (NPCR)

Recognizing the need for more complete local, state, regional, and national cancer incidence data, Congress established the NPCR by enacting the Cancer Registries Amendment Act, Public Law 102-515, in 1992 and reauthorizing the program in 1998.[15] Congress mandated the Centers for Disease Control and Prevention (CDC) to provide funds to states and territories to improve or enhance existing cancer registries; plan for and implement registries where they did not exist; develop model legislation and regulations for states and territories to enhance the viability of registry operations; set standards for data completeness, timeliness, and quality; provide training for registry personnel; and help establish a computerized reporting and data-processing system. Federal funds are provided to state and territorial health departments (or their authorized agencies) at a ratio of 3:1 to match state support for the central cancer registry.

NPCR's goals are to rapidly establish and standardize the reporting of cancer within and among the states in order to build state and national capacity to do the following:[16]

- Monitor the cancer burden.
- Identify cancer incidence variation for racial and ethnic populations and for regions within a state, between states, and between regions.
- Provide data for research.
- Provide guidance for health resource allocation.
- Respond to public concern and inquiries about cancer.
- Improve planning for future health care needs.
- Evaluate cancer prevention and control activities.

NPCR routinely collects information on patient demographics, primary cancer site, morphology, stage at diagnosis, and first course of treatment. NPCR state registries also conduct passive follow-up for vital status (confirming deaths through linkage with state and national death records); the state registries are also a comprehensive source of local cancer incidence data.

Before NPCR was established, 10 states had no cancer registry and many states with a cancer registry lacked adequate resources and legislative support to collect needed data.[17] In 1994, 37 states received funding from CDC to participate in NPCR; 5 additional states and the District of Columbia joined in 1995, and 3 more states and 3 territories joined in 1997.[18]

As of 2004, CDC funds a total of 49 statewide and territorial cancer registries at one of two levels: building capacity for new registries (formerly described as "planning") or basic implementation for existing registries (formerly described as "enhancement"). Two states (South Dakota and Tennessee) and two territories (Palau and the Virgin Islands) receive funds to build capacity for a new registry; 43 states, 1 territory (Puerto Rico), and the District of Columbia receive funds for basic implementation (Appendix H). NPCR registries cover 96% of the U.S. population, including 96% of whites, 99% of blacks, 91% of Asian/Pacific Islanders, 92% of American Indians/Alaska Natives, and 96% of Hispanics (i.e., persons of Hispanic origin independent of race). Over a million new invasive cancer cases are accessioned each year by NPCR state registries.

In 2000, CDC established the NPCR–Cancer Surveillance System (NPCR–CSS) to receive, evaluate, and disseminate data from NPCR registries. NPCR–CSS is designed to provide cancer incidence data to meet CDC's public health surveillance responsibilities and to help monitor progress toward NPCR goals. In January 2001, NPCR registries began annually reporting their incidence data to CDC. NPCR registries report

incidence data to CDC from their NPCR reference year forward. The NPCR reference year is the first diagnosis year for which a state or territorial cancer registry collected data with the assistance of NPCR funds. The NPCR reference year for each state and territory is shown in Appendix I. Data from the SEER metropolitan areas and SEER special population cancer registries operating in Alaska, Arizona, California, Georgia, Michigan, and Washington are reported to their respective NPCR state cancer registry for inclusion in the state's incidence data and are transmitted to CDC as part of the state's annual data submission. In January 2004, CDC received information on more than 8 million invasive cancer cases diagnosed during 1995–2001.

For more information on NPCR, visit its Web site at http://www.cdc.gov/cancer/npcr/.

National Vital Statistics System (NVSS)

The Nation's vital statistics are available from the National Vital Statistics System (NVSS), which is maintained by CDC's National Center for Health Statistics (NCHS). These vital statistics are provided through state-operated registration systems and are based on vital records filed in state vital statistics offices. The recording of vital events is the responsibility of the individual states and independent registration areas (e.g., District of Columbia, New York City, and territories) in which the event occurs. Legal responsibility for the registration of vital events rests with the individual states. Through its Vital Statistics Cooperative Program, NCHS cooperates with state vital statistics offices to develop and recommend standard forms for data collection and model procedures to ensure uniform registration of the events monitored by the NVSS.

Detailed annual data on births, deaths (including infant deaths), and fetal deaths are available for the United States and for states, counties, and other local areas. Data variables include cause of death, age, race, Hispanic origin, sex, marital status, place of birth, residence of decedent, education, and place of death. Monthly provisional data on vital statistics are available for the United States and each state. A public use data set is issued each year by NCHS for additional analyses. For more information on NCHS and its NVSS, visit its Web site at http://www.cdc.gov/nchs.

Collaborating Partner

North American Association of Central Cancer Registries (NAACCR)

Both federally funded registry programs (i.e., the SEER Program and NPCR) work closely with the North American Association of Central Cancer Registries (NAACCR) to promote cancer incidence surveillance in the United States and Canada. Established in 1987, NAACCR is an organization of population-based cancer registries, governmental agencies, professional associations, and private groups in North America dedicated to its mission to develop and promote cancer registration standards, provide education and training, certify population-based cancer registries, evaluate and publish data, and promote the use of cancer surveillance data and systems for cancer control, epidemiologic research, public health programs, and patient care to reduce the burden of cancer in North America. For more information, see http://www.naaccr.org. All state and metropolitan area registries participating in NPCR and SEER, as well as all provincial and territorial registries in Canada, are members of NAACCR.

In 1992, NAACCR began annual reviews of member registries' data for completeness, accuracy, and timeliness. In 1997, this process was formalized into a certification program, whereby registries report their data in December and NAACCR evaluates the data using standard, objective measures. Registries that meet the highest standards for data quality are recognized through certification.[19-21]

In 1997, when NAACCR evaluated 1995 incidence data, 9 NPCR registries and all 10 SEER registries were certified. Seven years later, when NAACCR evaluated the 2001 incidence in 2004, 32 NPCR registries, 3 NPCR/SEER registries, and 9 SEER registries were certified. (Data from San Francisco-Oakland and San Jose-Monterey are combined and evaluated as the Greater Bay Area.)

Registry Eligibility Criteria

Cancer incidence data included in this report are from statewide or metropolitan area cancer registries that have high-quality cancer incidence data for 2001 as demonstrated by meeting the following data quality criteria for all cancer sites combined:

- *Case ascertainment is 90% or more complete.* The registry data include at least 90% of the expected, unduplicated cases where the expected cases are estimated by using methods developed by NAACCR.[19,20,22,23] Because some cancer patients receive diagnostic or treatment services at more than one reporting facility, cancer registries perform a procedure known as unduplication to ensure that each cancer case is counted only once.[24]
- *No more than 5% of cases are ascertained solely on the basis of a death certificate.* The proportion of cases ascertained solely on the basis of a death certificate, with no other information on the case available after the registry has completed a routine procedure known as "death clearance and followback,"[24-26] is another measure of the completeness of case ascertainment.
- *No more than 3% of cases are missing information on sex.*
- *No more than 3% of cases are missing information on age.*
- *No more than 5% of cases are missing information on race.*
- *At least 97% of the registry's records passed a set of single-field and inter-field computerized edits.* Computerized edits are computer programs that test the validity and logic of data components. For example, if (a) a patient received a diagnosis of cancer in 1999, (b) the patient's age was reported as 80 years, and (c) the patient's year of birth was reported as 1942, a computerized edit could, without human intervention, identify these components as incompatible. The computerized edits applied to the data in this report were designed by the SEER Program for use by SEER registries. During the 1990s, these edits were expanded and incorporated into NAACCR standards (http://www.naaccr.org/standards) and into the EDITS software designed and maintained by CDC (http://www.cdc.gov/cancer/edits/edits.htm).

Appendix J, Table J.1, shows state-specific measures for the data quality criteria used to determine which registries' data were eligible for inclusion in this report.

Populations Covered by This Report

Incidence data on more than 1.1 million invasive cancer cases (including approximately 12,000 cases among children younger than 20 years) diagnosed during 2001 and reported by 43 state cancer registries (34 NPCR, 4 NPCR/SEER, and 5 SEER), the District of Columbia (NPCR), and 6 SEER metropolitan areas (Atlanta, Detroit, Los Angeles, San Francisco-Oakland, San Jose-Monterey, and Seattle-Puget Sound) are included in this report. In total, the NPCR and SEER cancer registries whose data are included in this report cover 92% of the U.S. population (Figure 1) (93% of the U.S. white population, 86% of the U.S. black population, 95% of the U.S. Asian/Pacific Islander population, and 98% of the U.S. Hispanic population). Population coverage may be affected by the suppression of state incidence data if there are only 16 or fewer cases or if the state requests that the data be suppressed; for more information, see the discussions under "Suppression of Incidence and Death Rates and Counts" and under "Hispanics."

Mortality data on 553,768 deaths in 2001 from malignant neoplasms (i.e., cancers) as recorded in the NVSS from the 50 states and the District of Columbia are included in this report; therefore, with regard to mortality data, 100% of the U.S. population is covered.[27] In 2001, malignant neoplasms caused 23% of the total deaths and were overall the second leading cause of death in the United States.[27] In Alaska, Minnesota, Montana, and Oregon, 2001 age-adjusted death rates indicated that cancer was the leading cause of death.[28]

Data Sources

Incidence Data

Data from the registries participating in NPCR were reported to CDC as of January 31, 2004. Data from registries in the SEER Program were reported to NCI as of November 1, 2003, and made available through the SEER Program public use data file released in April 2004 (http://www.seer.cancer.gov/publicdata/). For this report, data from California, Kentucky, Louisiana, and New Jersey, states that are supported by both NPCR and SEER, are presented as reported to CDC as of January 31, 2004.

The primary source of cancer incidence data is medical records. Staff at health care facilities abstract cancer incidence data from patients' medical records, enter the data into the facility's own cancer registry if it has one, and then send the data to the regional or state registry. Both NPCR and SEER registries collect data using uniform data items and codes as documented by NAACCR. This uniformity means that data items collected by the two federal programs are comparable.[11,29] Beginning this year, information on primary site and histology was coded according to the *International Classification of Diseases for Oncology Third Edition* (ICD–O–3),[30] and categorized according to the revised SEER recodes dated January 27, 2003, which define standard groupings of primary cancer sites (Appendix K, Table K.1). NPCR and SEER cancer registries considered as reportable all incident cases with a behavior code of 2 (*in situ*, non-invasive) or 3 (invasive, primary site only) in the ICD–O–3 with the exception of *in situ* cancer of the cervix. Basal and squamous cell carcinomas of the skin are also excluded, with the exception of those on the skin of the genital organs.[30] To ensure as much comparability as possible between the previous version of ICD–O and ICD–O–3, the following exclusions were made: borderline tumors of the ovary, refractory anemias, and other myelodysplastic syndromes; pilocytic astrocytomas were included.[5] The January 2003 SEER recodes were used to ensure (1) consistent site-type definitions over time and (2) consistency with other published 2001 cancer incidence data.[4,23] *In situ* bladder cancers were recoded to invasive bladder cases because the information needed to distinguish between *in situ* and invasive bladder cases is not always available or reliable. Case counts and rates for invasive cancers are included in this report. This report also includes counts and rates for *in situ* breast cancer cases among women; these are reported separately and are not included in counts or rates for the "all sites" category. Case counts and rates for leukemias were calculated for acute and chronic lymphocytic leukemia, acute and chronic myeloid leukemia, and other leukemias, which include other myeloid/monocytic leukemias. Non-reportable cancers and cancers in patients of unknown sex or age were omitted from all calculations, but cases in patients of unknown race were included in the "all races" category. Counts of cases used in this report are in Appendices D and E.

Of the cases included in this report, 93.9% were confirmed by positive microscopic findings (histology, cytology, or unspecified microscopy method) indicative of cancer.[29] Other methods used to confirm the diagnosis of cancer were positive laboratory test results or markers indicative of cancer (0.4%), direct visualization (0.2%), radiography or other imaging techniques (2.2%), and clinical diagnosis only (0.5%). For 2.8% of the cases, it is unknown whether the diagnosis was microscopically confirmed.

Mortality Data

Cancer mortality statistics in this report are based on information from all death certificates filed in the 50 states and the District of Columbia and processed by the NVSS at NCHS for deaths that occurred in 2001. The cancer mortality data were compiled in accordance with World Health Organization (WHO) regulations, which specify that member nations classify and code causes of death in accordance with the current revision of the *International Classification of Diseases* (ICD). Effective with deaths that occurred in 1999, the United States began using the Tenth Revision of this classification (ICD–10).[31]

The ICD not only details disease classification but also provides definitions, tabulation lists, the format of the death certificate, and the rules for

coding cause of death. Cause-of-death data presented in this report were coded by procedures outlined in annual issues of the *NCHS Instruction Manual*.[32,33]

Tabulations of cause-of-death statistics are based solely on the underlying cause of death. The underlying cause is defined by WHO as "the disease or injury which initiated the train of events leading directly to death, or the circumstances of the accident or violence which produced the fatal injury."[31] The underlying cause of death is selected from the conditions entered by the physician in the cause-of-death section of the death certificate. Generally, more medical information is reported on death certificates than is directly reflected in the underlying cause of death. This information is captured in NCHS multiple cause-of-death statistics.[34-36]

Since 1968, NCHS has computerized the coding of the underlying cause of death in accordance with WHO rules. In this system, called "Automated Classification of Medical Entities" (ACME),[37] multiple cause-of-death codes serve as inputs to the computer software that selects the underlying cause. In addition, NCHS has developed two computer systems as inputs to ACME. Beginning with 1990 data, the Mortality Medical Indexing, Classification, and Retrieval system (MICAR)[38,39] has been applied to automate coding of multiple causes of death. Then, beginning with data year 1993, SuperMICAR, an enhancement of the MICAR system, was applied to allow for literal entry of the multiple cause-of-death text as reported by medical certifiers in the states. Records that cannot be automatically processed by MICAR or SuperMICAR are manually multiple-cause coded and then further processed through ACME. For the 2001 mortality statistics, approximately 61% of the nation's death records were multiple-cause coded using SuperMICAR and 39% using MICAR only.

For consistency with the cancer incidence data, cancer sites in mortality data were grouped according to the revised SEER recodes dated January 27, 2003.[4] Because NCHS uses different groupings for some sites, the death rates in this report may differ slightly from those published by NCHS. In addition, under the ICD, differences occur in mortality and incidence coding. For example, there are several codes for mesothelioma in ICD–10 (depending on the primary site). However, one code in ICD–O–3 captures all the primary sites that mesothelioma affects. SEER recodes for cancer mortality are in Appendix K, Table K.3. In addition, counts of cancer incidence cases are updated continuously, but cancer mortality data are not.

The model for the state registration of deaths in 2001 was the 1989 revision of the U.S. Standard Certificate of Death.[40,41] All states and the District of Columbia submitted part or all of their 2001 mortality data in electronic data files to NCHS. All states provided precoded cause-of-death data to NCHS except Illinois, Kentucky, New Jersey, Ohio, West Virginia, and the District of Columbia. For 2001, all states submitted precoded demographic data (e.g., sex and race of the deceased) for all deaths. Mortality data for the entire United States refer to deaths that occurred within the United States; data for geographic areas are by the deceased's place of residence.

One index of the quality of reporting causes of death is the proportion of death certificates coded to ICD–10 codes R00-R99 (i.e., symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified). Although deaths occur for which the underlying causes are impossible to determine, the proportion classified as R00-R99 indicates the care and consideration given to the cause-of-death statement by the medical certifier. This proportion also may be used as a rough measure of the specificity of the medical diagnoses made by the certifier in various areas. In 2001, the percentage of all reported deaths in the United States assigned to symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified, was 1.34%, about the same as in 2000 (1.33%), but considerably higher than in 1999 (1.12%).[27] From 1990 through 1999, the percentage of deaths from this cause for all ages combined generally was fairly stable, between 1.08% and 1.18%. In addition, causes of death are more likely to be misclassified for populations other than white as symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified, and this misclassification may affect comparisons of cause-specific death data.[42]

Population Denominator Data

The population estimates for the denominators of incidence and death rates presented in this report are race-specific (all races, white, black, and Asian/Pacific Islander), Hispanic-specific, and sex-specific county population estimates aggregated to the state or metropolitan area level. The county population estimates that are incorporated into NCI's SEER*Stat software (http://www.seer.cancer.gov/seerstat/) to calculate cancer incidence and death rates are available at http://www.seer.cancer.gov/popdata/. The SEER*Stat population estimates are a slight modification of the annual time series of July 1 county population estimates (by age, sex, race, and Hispanic origin) produced by the Population Estimates Program of the U.S. Bureau of the Census (Census Bureau) with support from NCI through an interagency agreement. The Census Bureau's population estimates and documentation of the procedures used to develop them are available at http://eire.census.gov/popest/data/counties.php. The estimates used in this report are postcensal estimates for 2001 (based on the 2000 census) that include bridged single-race estimates derived from the multiple-race categories through collaboration between the Census Bureau and CDC's NCHS. For more information on the 2000 bridged population estimates, see http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm.

Documentation regarding modifications made by NCI to Census Bureau estimates is given at http://www.seer.cancer.gov/popdata. Briefly, the modification affects only population estimates for Hawaii and is based on information from the Epidemiology Program of the Hawaii Cancer Research Center. The modified population estimates were obtained by SEER using survey data collected by the Hawaii Department of Health to address concerns that the Native Hawaiian population had been undercounted in previous censuses. The "Hawaii-adjustment" to Census Bureau estimates has the net result of reducing the estimated white population and increasing the estimated Asian/Pacific Islander population in the state. Census Bureau estimates for the total population, black population, and American Indian and Alaska Native populations in Hawaii are unaffected.

Statistical Methods

Incidence and Death Rates

All incidence and death rates for cancers grouped by primary site are per 100,000 people of all ages. Incidence rates for International Classification of Childhood Cancer groupings of childhood cancers are per 1 million children aged 1–19 years. Incidence rates are for invasive cancers and *in situ* female breast cancer, unless otherwise specified. The only exception is the incidence rate for cancer of the urinary bladder, which includes both *in situ* and invasive cancers. Cancer incidence rates include multiple primary cancers that occur in single patients; for example, if a patient has more than one primary cancer, each cancer is counted as a separate case according to standard rules for counting multiple primary cancers.[11] Death rates are for malignant neoplasms. For cancers that occur only in one sex, such as cancers of the prostate, uterus, or uterine cervix, sex-specific population denominators are used to calculate rates.

Childhood cancer incidence data are published in two formats. The first format is according to the SEER Modification of the International Classification of Childhood Cancer (ICCC) (Appendix K, Table K.2), consistent with previous *United States Cancer Statistics* reports. The ICCC, which is based on ICD–O–2, was published in 1996 by the International Agency for Research on Cancer (IARC). The ICCC presents childhood cancers in 12 groups classified primarily by morphology. The SEER modification, which affects the classification of nervous system and bone tumors (http://seer.cancer.gov/iccc/), was chosen for compatibility with other published data on childhood cancer rates in the United States. The second format is according to the SEER site recode, which is based primarily on cancer site; the incidence data are presented in this format to make them comparable with other published mortality data. This format allows the incidence data for childhood cancers to be categorized into the same groups as adult cancers. Although these groupings are not as appropriate for children as they are for adults, they are necessary to allow comparisons between childhood incidence and childhood mortality.

Crude and Age-Specific Incidence and Death Rates

Crude rates are found on the Web at http://www.cdc.gov/cancer/npcr/uscs. Age-specific rates are presented in this report and on the Web.

The crude and age-specific incidence rates are the total number of new cancer cases diagnosed in 2001 in the population category of interest, divided by the at-risk population for that category, and multiplied by 100,000 (cancers by primary site) or by 1 million (ICCC groupings of childhood cancers).

The crude and age-specific death rates are the total number of cancer deaths in 2001 in the population category of interest, divided by the at-risk population for that category, and multiplied by 100,000.

Age-Adjusted Incidence and Death Rates

The occurrence of many cancers increases with age, as does cancer mortality. The age distribution of a population (i.e., the number of people in particular age categories) can change over time and can be different in different geographic areas. The use of age-adjusted rates permits a valid comparison between one year's rates and those of another year or between one geographic area's rates and those of another area. Age adjusting the rates ensures that differences in incidence or deaths from one year to another or from one geographic area to another are not due to differences in the age distribution of the populations being compared.

The standard population used to age adjust the rates in this report is the 2000 U.S. standard population, in accordance with a 1998 Department of Health and Human Services recommendation.[43,44] The 2000 U.S. standard population is based on the proportion of the 2000 population in specific age groups (younger than 1 year, 1–4 years, 5–9 years, 10–14 years, 15–19 years, . . . 85 years or older). The proportions of the 2000 population in these age groups serve as weights for calculating age-adjusted incidence or death rates. This method of grouping ages is the standard method used for age adjusting and publishing cancer rates. However, NCHS uses a different set of age groups in its age adjustment of death rates. Therefore the cancer death rates in this report may differ slightly from those published by NCHS. In addition, the 2000 U.S. standard population weights are not race or sex specific, so they do not adjust for differences in race or sex between geographic areas or among specific populations. They do, however, provide the basis for adjusting for differences in the age distributions across groups defined by sex, race, geography, or other categories.

The 2000 U.S. standard population weights used for this report are the estimated age distribution of the U.S. population across 5-year age categories.[45] These standard weights are used to compute age-adjusted incidence and death rates by the method of direct standardization as implemented in NCI SEER*Stat software (http://www.seer.cancer.gov/seerstat/) and described as follows:[46]

If N_j is the number of incident cases diagnosed in 2001, or the number of cancer deaths in 2001, in age category j, and P_j is the population size at risk in age category j, then the incidence or death rate R_j in age category j is defined as

$$R_j = N_j/P_j$$

If w_j is the 2000 U.S. standard population weight for age category j, then the age-adjusted (directly standardized) incidence or death rate R_{adj} is computed as

$$R_{adj} = \Sigma_j\, w_j\, R_j \times 100{,}000$$

Note from the multiplier in the above formula that incidence or death rates are expressed as cases or deaths per 100,000 population. For childhood cancers coded by ICCC, the multiplier in the formula is 1,000,000 because the childhood cancer rates are expressed per million population.

Confidence Intervals

Confidence intervals reflect random variability in the estimation of the cancer rates. The width of a confidence interval depends on the amount of variability in the data. Sources of variability include the underlying occurrence of cancer events as well as uncertainty about when cancer is detected and

diagnosed, when a death from cancer occurs, and when the data about the cancer are sent to the registry or the state health department. In any given year, when large numbers of a particular cancer are diagnosed or when large numbers of cancer patients die, the effects of random variability are small relative to the large numbers, and the confidence interval will be narrow. With rare cancers, however, the rates are small and the chance occurrence of more or fewer cases or deaths in a given year can markedly affect the rate. Under these circumstances, the confidence interval will be wide to indicate uncertainty or instability in the cancer rate.

To estimate the extent of this uncertainty, a statistical framework is applied.[47] The standard model used for rates for vital statistics is the Poisson process,[48] which assigns more uncertainty to rare events relative to the size of the rate than it does to common events. The population risk profile is posited to influence the underlying Poisson process from which rates arise, and only a single realization of that process is observed. Parameters are estimated for the underlying disease process. For this report, we estimated a single parameter to represent the incidence rate and its variability. Of note, the Poisson model is capable of estimating separate parameters that represent contributions to the rate from various population risk factors, the effects of cancer control interventions, and other attributes of the population risk profile in any particular year.

For this report, we used confidence intervals that are expected to include the true underlying rate 95% of the time. Confidence intervals in this report were computed by using SEER*Stat Version 5.0.17 software (http://www.seer.cancer.gov/seerstat/) and are based on the gamma method.[27,49] These gamma intervals are approximations to exact Poisson confidence intervals. The gamma method performs better than other methods, especially for small incidence rates or for populations with age distributions that differ from the standard age distribution. Various factors such as population heterogeneity can sometimes lead to "extra-Poisson" variation in which the rates are more variable than would be predicted by a Poisson model. No attempt was made to correct for this. In addition, as discussed in "Interpreting the Data," the confidence intervals do not account for systematic (i.e., non-random) biases in the incidence rates.

Users of this report who want to know if the differences between the rates of various groups are statistically significant might check whether the confidence intervals overlap. However, we discourage the use of overlapping confidence intervals to test for statistically significant differences between two rates because the practice more frequently fails to detect significant differences than does standard hypothesis testing.[50] Another consideration when comparing differences between rates is their public health importance. For some rates in this report, numerators and denominators are large and standard errors are therefore small, with the result that some statistically significant differences may be so small as to lack importance for decisions related to population-based, public health programs.

Suppression of Incidence and Death Rates and Counts

When the numbers of cases or deaths used to compute rates are small, those rates tend to have poor reliability.[48] Therefore, to discourage misinterpretation or misuse of rates or counts that are unstable because case or death counts are small, incidence and death rates and counts are not shown in tables and figures if the case or death counts are less than 16. A count of less than about 16 results in a standard error of the rate that is approximately 25% or more as large as the rate itself. Equivalently, a case count of less than approximately 16 results in the width of the 95% confidence interval around the rate being at least as large as the rate itself. These relationships were derived under the assumption of a Poisson process and with the standard population age distribution close to the observed population age distribution.

Another important reason for using a cell suppression threshold value is to protect the confidentiality of patients whose data are included in a report by reducing or eliminating the risk of identity disclosure.[51,52] The cell suppression threshold value of 16, which was selected to reduce misuse and misinterpretation of unstable rates and counts in this report, is more than sufficient to protect patient

confidentiality given the low level of geographic and clinical detail provided in the report.[53]

Because the incidence and death rates shown in the state-, sex-, and race-specific bar graphs in Figures 3.1.M1 through 3.58.F2 are presented in rank order, we applied a data suppression criterion in addition to the threshold value of 16 cases. In these figures, incidence rates are not ranked or shown for any population groups of less than 50,000 persons.

Inclusion of Incidence Rates and Counts for U.S. Census Regions and Divisions

Rates for U.S. census regions and divisions were calculated by aggregating data reported from the states in each region and division. Only data from state registries that met the criteria for inclusion in this report (see "Registry Eligibility Criteria") were included in calculations of incidence rates for U.S. census regions and divisions. There is a potential for bias in the incidence rates for census regions and divisions where data for some states were excluded. We estimated cancer rates for census regions or divisions with ineligible cancer registries by assuming that the incidence-to-mortality ratio in that portion of the region or division that is covered by eligible registries is the same as the incidence-to-mortality ratio in that portion that is not covered by eligible cancer registries. The age-adjusted incidence rates for U.S. census regions and divisions are reported only if (1) at least 80% of the population for the census region or division is covered by cancer registries that meet the criteria for inclusion in this report, and (2) the 95% confidence intervals around the observed age-adjusted region or division incidence rates based on data from eligible registries for each of six major cancer sites (prostate, female breast, male colorectal, female colorectal, male lung and bronchus, female lung and bronchus) included the estimate of the region or division rate calculated using the methods described in Appendix M.

On the basis of these analyses, we present in this report the observed age-adjusted rates for all U.S. census regions and divisions with the exception of the South region and its South Atlantic and East South Central Divisions. The estimate of rates based on the methods described in Appendix M are not presented in this report but are used for determining the exclusion of observed age-adjusted rates for census regions and divisions.

Case counts for U.S. census regions and divisions are in Appendix E if all state cancer registries in the region or division met the criteria for inclusion in this report unless the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Inclusion of Incidence Rates and Counts for the United States: NPCR and SEER Registries That Meet Quality Criteria

Cancer incidence rates for the United States, as shown in Tables 1.1.1.1M through 1.1.2.1F and repeated in the first row of Tables 2.1.1.1M through 2.25.1.1F, are aggregate rates based on more than 1.1 million cancer cases reported from central cancer registries in 43 states, 6 metropolitan areas, and the District of Columbia. The cancer rates for the entire United States do not meet the statistical criteria for inclusion in this report that were applied to rates and counts for U.S. census regions and divisions (see "Inclusion of Incidence Rates and Counts for U.S. Census Regions and Divisions" and Appendix M). Nonetheless, we report the observed cancer rates for the 92% of the U.S. population covered by eligible cancer registries since, at present, these rates are the best estimates of the U.S. cancer burden available that are based on observed data.

Case counts for the U.S. rates for all ages combined are in Appendix D, Table D.1.1M through Table D.1.1F. The U.S. case counts are provided only to allow readers to verify the crude rates (published on the Web at http://www.cdc.gov/cancer/npcr/uscs) by recalculation. The U.S. counts and U.S. cancer incidence rates in this report pertain to the 92% of the U.S. population covered by eligible cancer registries. The 8% of the population that is not covered by eligible registries may have different cancer rates than do the 92% that is covered, so that the reported observed cancer rates may not be representative of the entire United States. Of note, however, rates for the entire United States that were estimated using the method described in Appendix M for the six specific major cancer sites (female breast, prostate, male colorectal, female

colorectal, male lung and bronchus, and female lung and bronchus) and the rates for the same sites that are published in this report did not differ by more that 1.3%. This observation provides strong support that the reported rates are representative of those for the entire United States.

Interpreting the Data

Age-adjusted and age-specific rates are presented in the print version of this report. Crude rates have also been calculated and can be found on the Web at http://www.cdc.gov/cancer/npcr/uscs. Crude rates are helpful in determining the need for services for a given population, relative to another population, regardless of size. Crude rates are influenced by the underlying age distribution of the state's population. Even if two states have the same age-adjusted rates, the state with the relatively older population (as demonstrated by having a higher median age) will have higher crude rates because incidence or death rates for most cancers increase with increasing age. Ideally, crude, age-adjusted, and age-specific rates are used to plan for population-based cancer prevention and control interventions.[44]

Incidence Data

Published age-adjusted cancer incidence rates for diagnosis years before 1999 were calculated by using the 1970 U.S. standard populations; for mortality data, the 1940 standard population was used. Beginning with the publication of data for the 1999 diagnosis year, cancer incidence rates were age adjusted to the 2000 U.S. standard population. This change conformed to Department of Health and Human Services policy for reporting death and disease rates.[43,44] This policy was motivated by a need to standardize age-adjustment procedures across government agencies.[43] The change from the 1970 to the 2000 U.S. standard updated the calculation of age-adjusted rates to more closely reflect the current age distribution of the U.S. population and the current burden of cancer. Due to the aging of the U.S. population from 1970 to 2000, the 2000 U.S. standard population gives more weight to older age categories than did the 1970 standard population.[6,44,54]

Because cancer incidence increases with age, the change to the 2000 U.S. standard population resulted in higher incidence rates for most cancers. The data published here should not be compared with cancer incidence rates adjusted to different standard populations.

Incidence rates are also influenced by the choice of population denominators used in calculating the rates. Because some state health departments use customized state population projections when calculating incidence rates, the rates published in this report may differ slightly from those published by individual states.

The new population estimates based on the 2000 census improve the accuracy of cancer incidence rates (see "Population Denominator Data"). Previously reported overall cancer rates, when recalculated with the new denominators, do not appear to change appreciably (http://www.cancer.gov/newscenter/pressreleases/Census2000). However, rates for geographic areas with small populations and for specific racial or ethnic populations appear to be affected to a greater degree and should be interpreted with caution (Frank Boscoe and Barry Miller, personal communication, July 2003). Furthermore, since corrections to the population denominators extrapolated from the 1990 census were larger in the late 1990s than earlier in the decade, rates calculated for the late 1990s may be subject to more change than rates calculated for the early 1990s.

We published *United States Cancer Statistics: 1999 Incidence* using extrapolated 1999 population estimates based on the 1990 census, with the expectation that the 1999 incidence rates would be revised when the intercensal (i.e., based on both the 1990 census and the 2000 census) race-specific population estimates for 1999 became available.[55] The incidence rates published in *United States Cancer Statistics: 1999 Incidence* have been revised to incorporate the modified 1999 population denominators and are now available at http://www.cdc.gov/cancer/npcr/uscs/.

Statistical bias can arise if, within a region, division, or country, the sub-area for which data are available has rates that are substantially different from the rates in the sub-area for which data are not available.

Because of bias, rates for a census region or division, or the country, may not meet statistical criteria for inclusion in this report. It is possible to have some statistical bias even if the percentage of coverage is high and large numbers of cases are recorded. Where coverage is less than 100%, merely increasing the percentage of the population covered may not reduce statistical bias unless the covered population is similar to the uncovered population in terms of cancer rates or proportions. The U.S. rates in this report cover approximately 92% of the U.S. population and may be statistically biased because of dissimilarity between the 92% covered and 8% uncovered. The U.S. rates are included, however, because no other data source or publication has cancer incidence data for such a large proportion of the U.S. population. As the proportion of the U.S. population covered by cancer registries with high-quality data moves closer to 100%, the reported U.S. rate is expected to reflect the true U.S. rate.

Data quality is routinely evaluated by NPCR and the SEER Program.[18,56] This evaluation includes, among other procedures, (1) re-abstracting and re-coding studies and (2) case-finding studies, which are conducted with registries from time to time to provide information on errors in the data or in the completeness of case ascertainment. Although the cancer registries whose data are included in this report met data quality criteria for all invasive sites combined, the completeness and quality of site-specific data may vary. The observed rates may have been influenced by differences in the timeliness, completeness, and accuracy of the data from one registry to another, from one reporting period to another, and from one primary cancer site to another.

Completeness and accuracy of the data may also be affected by the time interval allowed for reporting data to the two federal programs. For this reason, the completeness and accuracy of data on specific cancer sites may vary. For this report of 2001 data, the NPCR and SEER time interval for reporting data differed by 3 months. NPCR allowed an interval of 25 months after the close of the diagnosis year (data submission January 31, 2004), and SEER allowed a shorter interval of 22 months after the close of the diagnosis year (data submission November 1, 2003).

Delays in reporting of cancer cases can affect timely and accurate calculation of cancer incidence rates.[57] Cases are reported continuously to state and metropolitan area cancer registries in accordance with statutory and contractual reporting requirements. After the initial submission of the most recent year's data to the federal funding agency, cancer registries continue to revise and update their data on the basis of new information received. Therefore, some cancer cases for the 2001 diagnosis year will likely have been reported to state and metropolitan area cancer registries after these registries submitted their 2001 data to CDC or NCI. For this reason, incidence rates and case counts reported directly by state or metropolitan area cancer registries may differ from those in this publication. Reporting delays appear to be more common for cancers that are usually diagnosed and treated in non-hospital settings such as physician offices (e.g., early stage prostate and breast cancer, melanoma of the skin). The NCI routinely models SEER reporting patterns and estimates that the delay-adjusted 2001 incidence rate for all sites combined is about 4% higher than the observed 2001 age-adjusted incidence rate. Delay adjustments for 2001 SEER age-adjusted rates vary: melanoma is 12%, prostate cancer is 5%, and breast cancer is 2%. Updates to observed data and reported cancer rates are due to improvements in the registry database gained through additional knowledge that only comes with increased time and effort (Brenda Edwards, personal communication, August 2004). Methods to adjust incidence rates for reporting delay were not applied to the data in this report.[57]

Each year, not only do state cancer registries submit data for a new diagnosis year to CDC or NCI, but they also submit an updated version of previous years' data. Federal agencies in turn update their cancer incidence statistics with each data submission and document the states' data submission date whenever the data are published. These continual updates by state and federal agencies illustrate the dynamic nature of cancer surveillance and the attention to detail that is characteristic of cancer registries. The new HTML editions of *United States Cancer Statistics: 1999 Incidence* and *United States Cancer Statistics: 2000 Incidence* on the Web has updated 1999 and 2000 cancer case counts based on the January 2004 data submission to CDC and the November 2003 data submission to NCI. In addition, cases in the HTML edition are grouped according to the

January 2003 update of the SEER site recodes.[4] Each year when *United States Cancer Statistics* is published, we plan to publish updates to previous years' data on the Web. Users of cancer incidence data published by federal agencies should be mindful of the data submission date for all data used in their comparisons.

Geographic variation in cancer incidence rates may be the result of regional differences in the exposure of the population to known or unknown risk factors.[58-60] A comparison of incidence rates based on data from all NPCR registries combined and from all SEER registries combined revealed that the two federal programs had different cancer incidence rates for some cancer sites.[61] Higher incidence rates for tobacco-related cancers and for colon cancer were observed in all NPCR areas combined when compared with SEER areas combined. The relationship was reversed (i.e., rates were higher in all SEER areas combined) for melanoma, prostate cancer, female breast cancer, and cancers that are more common among Asian/Pacific Islanders (e.g., stomach cancer and cancer of the liver/intrahepatic bile duct). Rates for cancer sites classified as ill defined were higher in all NPCR areas combined. These registry program differences may arise because of differences in sociodemographic population characteristics (e.g., age, race or ethnicity, geographic region, urban or rural residence), screening use, health-related behaviors (e.g., behaviors related to tobacco use, diet, physical activity), exposure to cancer-causing agents, or registry operations factors (e.g., completeness, timeliness, specificity in coding cancer sites). Methodologic work is underway to investigate variability associated with known factors that affect cancer rates and risks by using model-based statistical techniques and other approaches for surveillance research. Studies are also in progress to evaluate differences in registry operations. Work continues to ensure the reporting of high-quality data.

Mortality Data

The cancer mortality statistics in this report are influenced by the accuracy of cancer death reporting on the death certificate. Cause of death determined by autopsy in combination with clinical data could be considered the best estimate of the true cause of death.[62] Autopsy studies of mortality data coded according to the eighth or ninth revision of ICD (ICD–8A or ICD–9) indicate that, when neoplasms (i.e., cancers) are an underlying cause of death, the sensitivity of death certificates was 87% to 93%, and their predictive value positive was 85% to 96%.[62-64] However, these studies are limited by selection bias, and currently less than 10% of deaths in the United States are autopsied.[65]

The percentage of cancers coded as the underlying cause of death on the death certificate that agree with the cancer diagnosis in the medical record is an indication of the reliability with which underlying cause of death can be determined from the death certificate. Available studies show that 78% to 85% of malignant neoplasms coded as an underlying cause of death on death certificates agreed with the clinical cancer diagnosis in medical records under ICD–8A or ICD–9,[66-68] with a range of 69% for larynx cancer to 98% for prostate cancer under ICD–9 (Appendix J, Table J.2). These results underscore the need to further monitor the accuracy of cancer mortality data overall and by anatomic site.

Some cancer patients may die with a cancer rather than die of it as an underlying cause of death. The prospective comparison of the original cancer diagnosis in the medical record with those cancers later coded as an underlying cause of death on death certificates is a way of measuring the phenomenon. Findings from an 11-year study under ICD–9 showed that about 83% of malignant neoplasms recorded on the medical record in ICD for oncology were also coded as an underlying cause of death from death certificates;[66] this percentage ranged from 72% for larynx cancer to 97% for multiple myeloma (Appendix J, Table J.2). The SEER study suggests that misattribution bias (i.e., the mistaken assignment of a cancer as the underlying cause of death because the decedent received a diagnosis of cancer) plays a role in the recording of cancer on death certificates.[69]

In collaboration with the Social Security Administration and the National Association for Public Health Statistics and Information Systems, NCHS is developing a Model Vital Event Re-Engineered System to improve the accuracy and timeliness of vital statistics disseminated through the NVSS. Under the system, standard certificates for births and deaths will be revised, and state data

systems will be re-engineered to better accommodate revisions, special studies or projects, and linkage with other health promotion programs. With regard to mortality statistics, handbooks have been revised for those professionals who complete death certificates. In 2003, the standard certificate of death was revised; specifications have now been developed for the electronic registration of deaths with the new certificate. By 2004, up to 14 states will have adopted the revised death certificate.

Race and Ethnicity in Cancer Data

The NAACCR Race and Ethnicity Identifier Assessment Project affirmed the importance of publishing cancer rates by race and ethnicity.[70] In cancer incidence, race and ethnicity information is abstracted from medical records and then grouped into race and ethnicity categories.[29] Although state registries across the country use standardized data items and codes for both race and ethnicity (i.e., Hispanic origin), the initial collection of this information by health care facilities and practitioners, and the procedures for assigning and verifying codes for race and ethnicity, are not well standardized.[70] Thus, some inconsistency is expected in this information. In cancer mortality, race and Hispanic origin are reported separately on the death certificate by the funeral director as provided by an informant or, in the absence of an informant, on the basis of observation.[27] Inconsistencies in the collection and coding of data on race and Hispanic origin and their effect on incidence and mortality statistics have been described previously.[27,71]

In this *United States Cancer Statistics* report, cancer incidence and mortality data are presented for all races combined and for three racial populations in the United States: whites, blacks, and Asian/Pacific Islanders and for Hispanics. Hispanics have one of the highest growth rates among minority groups in the United States.[72] Data for Asian/Pacific Islanders are presented only for the nation and for states with Asian/Pacific Islander populations of at least 100,000 because of concerns regarding possible misclassification of race data and the relatively small size of the Asian/Pacific Islander population in the United States. These types of data issues will become more common as the cancer community responds to requests from policy makers and the public for more specific race and ethnicity data. Similarly, data in this report are not presented for American Indians/Alaska Natives. In future years, after additional quality reviews of race data, we expect this report will present cancer statistics for American Indians/Alaska Natives.

Asian/Pacific Islanders

The Asian/Pacific Islander population in the United States is approximately 12.4 million or 4.4% of the 2001 U.S. population, substantially smaller than the white or black populations. The Asian/Pacific Islander population is concentrated in several states: California has 35% of the nation's Asian/Pacific Islander population; New York, 10%; Hawaii, 7%; Texas, 5%; New Jersey, 4%; Illinois, 4%; and Washington, 3% (http://factfinder.census.gov/servlet/BasicFactsServlet). The remainder of the U.S. Asian/Pacific Islander population is distributed among the other 43 states and the District of Columbia. In this report, national cancer incidence data for the Asian/Pacific Islander population consist of data from 43 states and the District of Columbia. National cancer mortality data consist of data obtained from all 50 states and the District of Columbia.

Grouping Asians and Pacific Islanders into one racial population can mask differences in subpopulations. The U.S. Asian/Pacific Islander population is not a homogenous group. Rather, it comprises many subpopulations that differ in language, culture, and length of residence in the United States.[73,74] The three largest Asian/Pacific Islander populations in the United States are Chinese (22%), Filipino (19%), and Asian Indian (15%) (http://factfinder.census.gov/servlet/BasicFactsServlet). Although state cancer registries have designated codes for race that allow them to document the occurrence of cancer in 23 different Asian/Pacific Islander subpopulations,[29] the subpopulations are grouped in this report into a single Asian/Pacific Islander race group because of small numbers and concerns regarding the possible misclassification of race for Asian/Pacific Islander subpopulations.

Studies show that a person self-reported as Asian/Pacific Islander in a census or survey was sometimes reported as white on the death certificate.[75,76] The net effect of misclassification is an underestimation of

deaths and death rates for races other than white or black. In addition, under-coverage of minority populations in the census and resultant population estimates introduce biases into death rates by race.[77-79] For the white population, published death rates are overstated by an estimated 1.0% and for the black population by 5.0%, resulting principally from undercounts of these populations in the census. Death rates are understated for Asian/ Pacific Islanders by approximately 11% and by approximately 2% for Hispanics.

Hispanics

The Hispanic population in the United States is approximately 35.3 million, or 12.5% of the 2000 U.S. population, similar in size to the 12.9% of U.S. population that is black. Of the 35.3 million Hispanics living in the United States, 59% are Mexican, 10% are Puerto Rican, 4% are Cuban, and the remaining 28% are of other Hispanic origins. The Hispanic population is concentrated in several states: California has 31% of the nation's Hispanic population; Texas, 19%; New York, 8%; Florida, 8%; Illinois, 4%; Arizona, 4%; and New Jersey, 3%.[80] The remainder of the U.S. Hispanic population is distributed among the other 43 states and the District of Columbia.

NAACCR convened an expert panel to develop a best practices approach to improving Hispanic identification and is addressing Hispanic origin misclassification in central cancer registries. NPCR registries assigned Hispanic ethnicity through the standardized use of the NAACCR Hispanic Identification Algorithm (NHIA).[81] NHIA uses a combination of NAACCR variables to directly or indirectly classify cancer cases as Hispanic for analytic purposes. Cases reported as having Spanish/ Hispanic origin (as indicated by NAACCR data element 190 with values 1–6) are directly identified as Hispanic in the dataset. Cases reported as non-Spanish/non-Hispanic, Spanish surname only, or unknown whether Spanish (NAACCR data element 190 with a value of 0, 7, or 9) are evaluated for possible Hispanic ethnicity through indirect identification. The ultimate goal of the algorithm is to classify these cases as Hispanic or non-Hispanic on the basis of an evaluation of the strength of the birthplace, race, and/or surname associations with Hispanic ethnicity. After applying the NHIA, cases not classified as Hispanic are classified as non-Hispanic, leaving no cases with unknown Hispanic status. More detailed information on the algorithm is available at http://www.naaccr.org.[82]

In this report, NHIA-classified case counts and incidence rates for Hispanics are presented for 29 NPCR registries. The following states have opted not to present state-specific, NHIA-classified Hispanic counts and rates: Alaska, Florida, Illinois, Kentucky, Louisiana, Massachusetts, Montana, Nevada, New Hampshire, Pennsylvania, and South Carolina. Some registries may have a small percentage of Hispanics in their states. Other states are conducting quality reviews of the data elements that make up the NHIA, including but not limited to Hispanic ethnicity, race, birthplace, surname, and maiden name for women. For example, Louisiana Tumor Registry has shown that additional data from death certificates allow for better identification of Hispanic ethnicity among females.[83] National rates in the Table 1 series include data for registries that opted not to present state-specific, NHIA-classified Hispanic counts and rates. Preliminary data analyses showed that exclusion of these registry data did not appreciably change the overall incidence rates.

In this report, counts and incidence rates for the 11 SEER registries are based on the NAACCR Spanish/Hispanic Origin data element only. Data for the Connecticut, Hawaii, Iowa, and New Mexico SEER registries are included in the national rate; counts and rates for Hawaii and metropolitan Detroit are not presented because of the small percentage of Hispanics in those areas.

Death counts and rates for Hispanics are presented at the national and state levels for all 50 states and for the District of Columbia. Hispanic ethnicity is assigned to cancer mortality data on the basis of information collected from death certificates.

The National Longitudinal Mortality Study examined the reliability of Hispanic origin reported on 43,520 death certificates with that reported on a total of 12 Current Population Surveys conducted by the U.S. Bureau of the Census for the years 1979–85.[78] In this study, agreement—on a record-by-record basis—was 89.7% for any report of Hispanic origin. The ratio of deaths estimated for Hispanics through the

Current Population Survey divided by deaths for Hispanics reported on death certificates was 1.07, indicating a net underreporting of Hispanic origin on death certificates by 7% compared with self-reports on the surveys. Death rates for the Hispanic-origin population are also affected by under-coverage of this population group in the census and the resultant population estimates; the estimated net correction, taking into account both sources of bias, is 1.6%.[79]

HTML Edition of *United States Cancer Statistics*

United States Cancer Statistics: 2001 Incidence and Mortality and an update of the data published in *United States Cancer Statistics: 1999 Incidence* and *United States Cancer Statistics: 2000 Incidence* are now available on the Web in HTML format at http://www.cdc.gov/cancer/npcr/uscs/. Crude rates are also available at the Web site for 1999–2001. For the 2001 diagnosis year (subject of this report), the HTML edition replicates all the text, tables, and figures in this report and adds the following:

- Expanded Tables 1 and 2 with cancer incidence rates for men and women combined.
- Expanded Tables 1 and 2 to include crude rates.
- State rankings of incidence and mortality of selected major invasive cancers.

The 1999 and 2000 cancer rates and counts originally published in 2002 and 2003 are updated in the HTML edition to include the following:

- Cancer mortality statistics for 1999 and 2000.
- Cancer cases for 1999 and 2000 diagnosis years as reported to CDC as of January 31, 2004, and as reported to NCI as of November 1, 2003, and made available through the SEER Program public use file.
- Cancer cases grouped according to the January 2003 modification to the SEER site recodes (see "Data Sources: Incidence Data").

The 2004 Web updates present 1999 cancer incidence data for 93% of the population and 2000 cancer incidence data for 94% of the U.S. population. The 1999, 2000, and 2001 data can be downloaded in ASCII format for use in other applications. A printable version of the current report is also available at the Web site.

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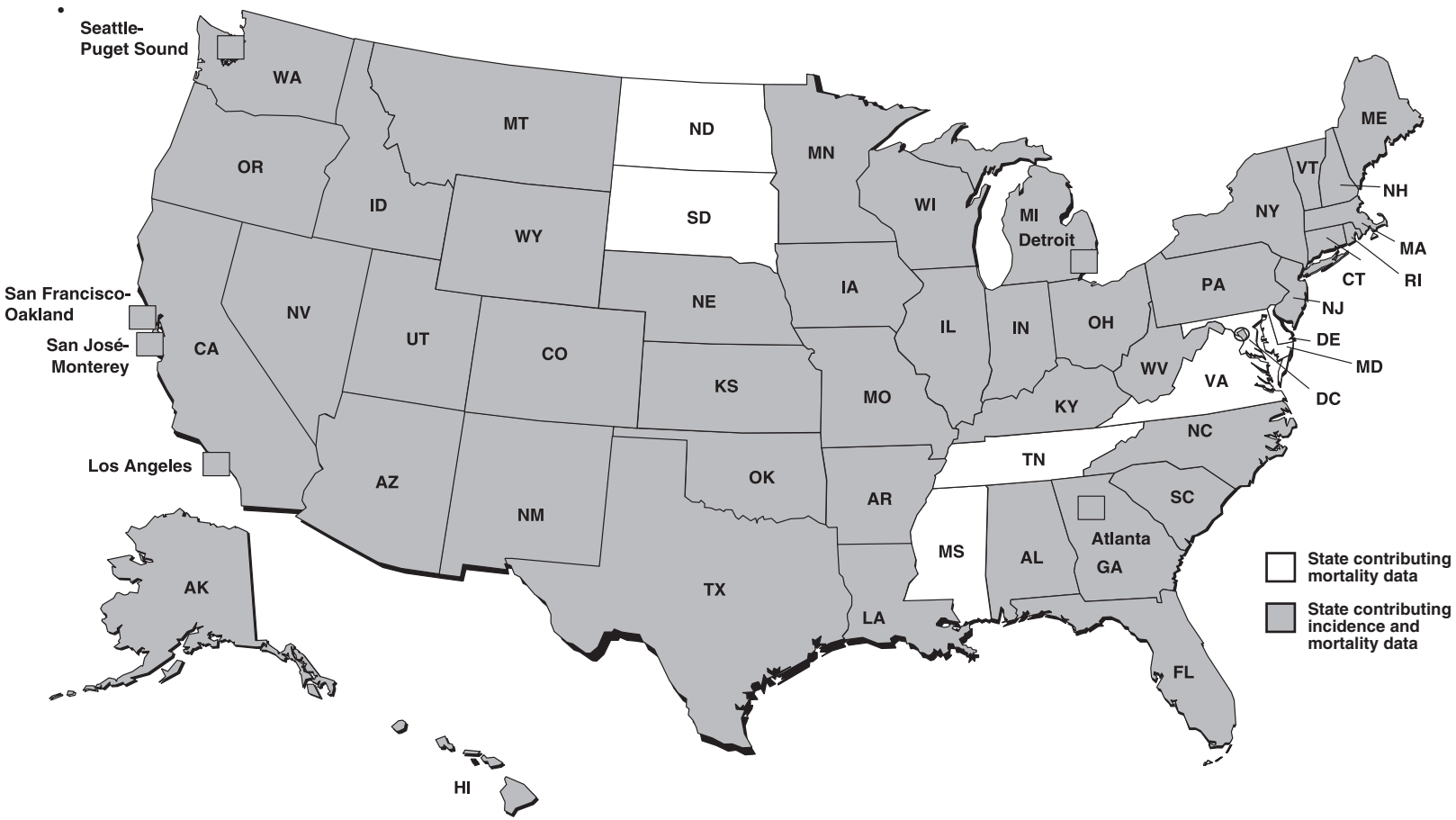
Cancer Incidence and Mortality for Adults and Children: All Areas Combined

FPO

See attached document

CancerStatisticsDividers_Final

Figure 1: Geographic Areas Contributing Data to *United States Cancer Statistics: 2001 Incidence and Mortality*



Note: Shaded areas represent statewide and metropolitan cancer registries that met the following data quality criteria for cancer incidence: case ascertainment is at least 90% complete; > 97% of cases pass a standard set of computerized edits; < 5% of cases were ascertained by death certificate only; < 3% of cases are missing information on sex; < 5% of cases are missing information on race; < 3% of cases are missing information on age. See Appendix J for registry-specific data quality information. Incidence data cover approximately 92% of the U.S. population. Mortality data are from the National Vital Statistics Surveillance System and cover 100% of the U.S. population.

Table 1.1.1.1M: Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by Primary Site and Race and Ethnicity, United States†‡

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander§	Hispanic§‖
All Sites	544.8 (543.5-546.2)	536.2 (534.8-537.7)	618.4 (613.1-623.7)	328.4 (322.2-334.7)	421.8 (416.8-426.8)
Oral Cavity and Pharynx	15.3 (15.1- 15.5)	15.0 (14.8- 15.3)	17.3 (16.5- 18.2)	9.5 (8.5- 10.6)	11.3 (10.5- 12.1)
Lip	1.4 (1.3- 1.5)	1.5 (1.4- 1.6)	~	~	0.5 (0.3- 0.7)
Tongue	3.8 (3.7- 3.9)	3.8 (3.7- 3.9)	3.7 (3.4- 4.1)	2.1 (1.7- 2.7)	2.4 (2.0- 2.7)
Salivary Gland	1.5 (1.5- 1.6)	1.6 (1.5- 1.6)	1.2 (1.0- 1.4)	0.6 (0.4- 1.0)	1.2 (0.9- 1.5)
Floor of Mouth	1.1 (1.1- 1.2)	1.1 (1.0- 1.2)	1.6 (1.4- 1.9)	0.5 (0.3- 0.8)	0.9 (0.7- 1.1)
Gum and Other Mouth	1.9 (1.9- 2.0)	1.9 (1.8- 2.0)	2.4 (2.1- 2.7)	1.0 (0.7- 1.5)	1.6 (1.3- 2.0)
Nasopharynx	0.7 (0.7- 0.8)	0.6 (0.5- 0.6)	1.0 (0.8- 1.2)	3.5 (3.0- 4.2)	0.7 (0.6- 1.0)
Tonsil	2.3 (2.2- 2.4)	2.3 (2.2- 2.4)	2.7 (2.4- 3.0)	0.7 (0.5- 1.1)	1.8 (1.5- 2.2)
Oropharynx	0.6 (0.6- 0.7)	0.6 (0.5- 0.6)	1.3 (1.1- 1.5)	~	0.5 (0.4- 0.7)
Hypopharynx	1.3 (1.3- 1.4)	1.2 (1.2- 1.3)	2.5 (2.2- 2.8)	0.6 (0.4- 1.0)	1.3 (1.0- 1.6)
Other Oral Cavity and Pharynx	0.5 (0.5- 0.6)	0.5 (0.5- 0.5)	0.9 (0.7- 1.1)	~	0.5 (0.3- 0.7)
Digestive System	107.9 (107.2-108.5)	104.9 (104.3-105.5)	129.0 (126.6-131.5)	103.5 (100.0-107.1)	104.6 (102.1-107.2)
Esophagus	8.4 (8.2- 8.5)	8.1 (7.9- 8.3)	11.9 (11.2- 12.7)	4.0 (3.4- 4.8)	5.6 (5.1- 6.3)
Stomach	10.1 (10.0- 10.3)	9.2 (9.0- 9.4)	17.0 (16.1- 17.9)	18.0 (16.5- 19.6)	15.0 (14.0- 16.0)
Small Intestine	2.0 (1.9- 2.1)	1.9 (1.8- 2.0)	3.4 (3.0- 3.9)	1.1 (0.8- 1.6)	1.5 (1.2- 1.9)
Colon and Rectum	62.7 (62.2- 63.2)	62.2 (61.7- 62.7)	66.7 (64.9- 68.5)	46.7 (44.3- 49.1)	51.6 (49.9- 53.5)
Colon excluding Rectum	44.2 (43.8- 44.6)	43.6 (43.2- 44.0)	51.2 (49.6- 52.8)	31.0 (29.1- 33.1)	35.0 (33.5- 36.5)
Rectum and Rectosigmoid Junction	18.5 (18.2- 18.7)	18.6 (18.3- 18.9)	15.5 (14.7- 16.4)	15.7 (14.4- 17.1)	16.6 (15.7- 17.7)
Anus, Anal Canal and Anorectum	1.1 (1.0- 1.2)	1.1 (1.0- 1.2)	1.4 (1.2- 1.7)	0.4 (0.2- 0.8)	0.8 (0.7- 1.1)
Liver and Intrahepatic Bile Duct	7.5 (7.4- 7.7)	6.6 (6.4- 6.8)	10.6 (9.9- 11.3)	20.1 (18.7- 21.7)	14.0 (13.1- 14.9)
Gallbladder	0.8 (0.8- 0.9)	0.8 (0.7- 0.9)	0.9 (0.7- 1.1)	1.1 (0.7- 1.6)	1.5 (1.2- 1.9)
Other Biliary	1.9 (1.8- 2.0)	1.9 (1.8- 2.0)	1.5 (1.2- 1.8)	2.7 (2.1- 3.4)	2.5 (2.1- 2.9)
Pancreas	12.3 (12.1- 12.5)	12.2 (12.0- 12.4)	14.5 (13.7- 15.4)	8.7 (7.7- 9.8)	10.8 (10.0- 11.7)
Retroperitoneum	0.4 (0.4- 0.4)	0.4 (0.4- 0.5)	0.4 (0.3- 0.6)	~	0.4 (0.3- 0.6)
Peritoneum, Omentum and Mesentery	0.2 (0.2- 0.2)	0.2 (0.2- 0.2)	0.2 (0.1- 0.3)	~	0.3 (0.2- 0.4)
Other Digestive Organs	0.4 (0.4- 0.4)	0.4 (0.3- 0.4)	0.6 (0.4- 0.8)	~	0.5 (0.3- 0.7)
Respiratory System	98.0 (97.4- 98.6)	96.9 (96.3- 97.5)	123.1 (120.8-125.5)	54.4 (51.8- 57.1)	60.8 (58.9- 62.8)
Nose, Nasal Cavity and Middle Ear	0.8 (0.8- 0.9)	0.8 (0.8- 0.9)	0.9 (0.7- 1.1)	0.5 (0.3- 0.8)	0.7 (0.5- 1.0)
Larynx	7.5 (7.3- 7.7)	7.2 (7.0- 7.4)	12.0 (11.3- 12.7)	2.9 (2.3- 3.6)	6.6 (6.0- 7.2)
Lung and Bronchus	87.7 (87.1- 88.2)	86.8 (86.2- 87.4)	109.0 (106.7-111.3)	50.4 (47.9- 53.0)	52.0 (50.2- 53.9)
Pleura	1.7 (1.6- 1.8)	1.8 (1.7- 1.9)	1.0 (0.8- 1.3)	0.5 (0.3- 0.9)	1.2 (0.9- 1.5)
Trachea and Other Respiratory Organs	0.3 (0.3- 0.3)	0.3 (0.3- 0.3)	0.3 (0.2- 0.4)	~	0.3 (0.2- 0.5)
Bones and Joints	1.0 (1.0- 1.1)	1.1 (1.0- 1.1)	0.8 (0.7- 1.0)	0.7 (0.5- 1.1)	1.1 (0.9- 1.3)
Soft Tissue including Heart	3.4 (3.3- 3.5)	3.4 (3.3- 3.5)	3.4 (3.1- 3.8)	2.1 (1.7- 2.6)	3.2 (2.8- 3.6)
Skin excluding Basal and Squamous	22.3 (22.1- 22.6)	23.9 (23.6- 24.2)	3.7 (3.3- 4.1)	2.7 (2.2- 3.4)	6.1 (5.6- 6.8)
Melanomas of the Skin	19.8 (19.5- 20.0)	21.5 (21.2- 21.8)	1.1 (0.9- 1.3)	1.5 (1.1- 2.0)	4.1 (3.7- 4.7)
Other Non-Epithelial Skin	2.6 (2.5- 2.7)	2.4 (2.3- 2.5)	2.6 (2.3- 2.9)	1.2 (0.9- 1.7)	2.0 (1.7- 2.4)
Breast	1.4 (1.3- 1.5)	1.3 (1.3- 1.4)	1.9 (1.7- 2.3)	0.8 (0.6- 1.2)	0.8 (0.6- 1.1)
Male Genital System	167.5 (166.8-168.3)	158.9 (158.1-159.7)	236.6 (233.3-239.9)	87.2 (84.0- 90.6)	134.8 (132.0-137.6)
Prostate	161.2 (160.4-161.9)	151.8 (151.1-152.6)	234.1 (230.8-237.4)	85.0 (81.8- 88.4)	129.6 (126.9-132.4)
Testis	5.3 (5.1- 5.4)	6.0 (5.8- 6.1)	1.4 (1.2- 1.6)	1.6 (1.3- 2.0)	3.4 (3.2- 3.8)
Penis	0.9 (0.8- 0.9)	0.9 (0.8- 0.9)	0.8 (0.6- 1.1)	~	1.4 (1.1- 1.7)
Other Male Genital Organs	0.2 (0.2- 0.3)	0.2 (0.2- 0.3)	0.3 (0.2- 0.4)	~	0.3 (0.2- 0.5)

continued

Table 1.1.1.1M: Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by Primary Site and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander§	Hispanic§‖
Urinary System	55.4 (54.9- 55.8)	57.4 (56.9- 57.9)	37.1 (35.8- 38.5)	22.7 (21.1- 24.5)	38.3 (36.8- 39.9)
Urinary Bladder¶	36.9 (36.5- 37.2)	38.8 (38.4- 39.2)	17.9 (17.0- 18.9)	14.3 (13.0- 15.8)	21.4 (20.2- 22.7)
Kidney and Renal Pelvis	17.3 (17.0- 17.5)	17.3 (17.1- 17.6)	18.5 (17.6- 19.4)	7.8 (6.9- 8.8)	16.2 (15.3- 17.2)
Ureter	0.8 (0.8- 0.9)	0.9 (0.8- 0.9)	0.2 (0.1- 0.4)	0.5 (0.3- 0.9)	0.3 (0.2- 0.5)
Other Urinary Organs	0.4 (0.4- 0.5)	0.4 (0.4- 0.5)	0.5 (0.4- 0.8)	~	0.3 (0.2- 0.6)
Eye and Orbit	0.9 (0.9- 1.0)	1.0 (0.9- 1.0)	0.3 (0.2- 0.4)	0.4 (0.2- 0.7)	0.5 (0.4- 0.7)
Brain and Other Nervous System	7.6 (7.4- 7.7)	8.0 (7.8- 8.2)	4.2 (3.9- 4.7)	4.4 (3.8- 5.1)	6.0 (5.5- 6.5)
Brain	7.2 (7.0- 7.3)	7.6 (7.4- 7.8)	4.0 (3.6- 4.4)	4.1 (3.5- 4.8)	5.6 (5.1- 6.1)
Cranial Nerves and Other Nervous System	0.4 (0.4- 0.4)	0.4 (0.4- 0.4)	0.3 (0.2- 0.4)	~	0.4 (0.3- 0.6)
Endocrine System	4.6 (4.5- 4.7)	4.7 (4.6- 4.8)	3.1 (2.8- 3.5)	4.6 (4.0- 5.3)	4.1 (3.7- 4.6)
Thyroid	3.9 (3.8- 4.0)	4.0 (3.9- 4.1)	2.4 (2.1- 2.7)	3.8 (3.3- 4.5)	3.5 (3.2- 4.0)
Other Endocrine including Thymus	0.7 (0.7- 0.8)	0.7 (0.7- 0.8)	0.7 (0.6- 0.9)	0.8 (0.5- 1.1)	0.6 (0.5- 0.8)
Lymphomas	24.7 (24.4- 25.0)	25.2 (24.9- 25.5)	18.3 (17.5- 19.1)	15.6 (14.3- 17.0)	20.5 (19.5- 21.6)
Hodgkin Lymphoma	3.0 (2.9- 3.1)	3.1 (3.0- 3.2)	2.7 (2.4- 3.0)	1.0 (0.8- 1.4)	2.8 (2.5- 3.2)
Non-Hodgkin Lymphoma	21.7 (21.4- 22.0)	22.1 (21.8- 22.4)	15.6 (14.8- 16.4)	14.6 (13.3- 15.9)	17.7 (16.7- 18.7)
Multiple Myeloma	6.4 (6.2- 6.5)	5.9 (5.7- 6.0)	12.0 (11.3- 12.8)	3.2 (2.6- 3.9)	6.2 (5.6- 6.8)
Leukemias	14.8 (14.6- 15.0)	15.1 (14.9- 15.4)	11.1 (10.4- 11.8)	8.6 (7.7- 9.6)	11.6 (10.8- 12.4)
Acute Lymphocytic	1.6 (1.6- 1.7)	1.8 (1.7- 1.8)	0.8 (0.7- 1.0)	1.4 (1.1- 1.7)	2.3 (2.0- 2.5)
Chronic Lymphocytic	4.6 (4.5- 4.7)	4.7 (4.5- 4.8)	3.2 (2.8- 3.6)	1.0 (0.7- 1.4)	2.2 (1.9- 2.6)
Acute Myeloid	4.6 (4.5- 4.7)	4.7 (4.5- 4.8)	3.6 (3.2- 4.0)	3.8 (3.2- 4.6)	3.7 (3.3- 4.2)
Chronic Myeloid	1.8 (1.7- 1.9)	1.8 (1.7- 1.9)	1.7 (1.5- 2.0)	1.2 (0.9- 1.7)	1.5 (1.3- 1.9)
Other Leukemias	2.2 (2.2- 2.3)	2.3 (2.2- 2.4)	1.7 (1.5- 2.0)	1.2 (0.9- 1.7)	1.9 (1.5- 2.3)
Miscellaneous	13.6 (13.4- 13.9)	13.4 (13.2- 13.7)	16.4 (15.5- 17.3)	7.9 (6.9- 8.9)	11.8 (11.0- 12.8)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
¶ Includes invasive and *in situ*.
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table 1.1.1.1F: Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by Primary Site and Race and Ethnicity, United States†‡

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander§	Hispanic§‖
All Sites	404.9 (403.9-406.0)	410.5 (409.3-411.6)	365.5 (362.2-368.7)	260.6 (256.0-265.3)	302.5 (299.0-305.9)
Oral Cavity and Pharynx	6.0 (5.9- 6.2)	6.0 (5.9- 6.1)	5.4 (5.1- 5.8)	5.1 (4.5- 5.8)	4.0 (3.6- 4.5)
Lip	0.3 (0.3- 0.4)	0.4 (0.3- 0.4)	~	~	0.2 (0.1- 0.3)
Tongue	1.5 (1.4- 1.6)	1.5 (1.5- 1.6)	1.1 (1.0- 1.3)	1.4 (1.1- 1.8)	1.1 (0.9- 1.4)
Salivary Gland	0.9 (0.8- 0.9)	0.9 (0.8- 0.9)	0.8 (0.7- 1.0)	0.8 (0.6- 1.1)	0.6 (0.5- 0.8)
Floor of Mouth	0.4 (0.4- 0.5)	0.4 (0.4- 0.5)	0.4 (0.3- 0.5)	~	0.2 (0.1- 0.3)
Gum and Other Mouth	1.3 (1.2- 1.3)	1.3 (1.2- 1.3)	1.1 (1.0- 1.3)	0.8 (0.5- 1.1)	0.9 (0.7- 1.1)
Nasopharynx	0.3 (0.3- 0.4)	0.2 (0.2- 0.3)	0.4 (0.3- 0.5)	1.6 (1.2- 2.0)	0.3 (0.2- 0.4)
Tonsil	0.6 (0.6- 0.6)	0.6 (0.6- 0.6)	0.6 (0.5- 0.8)	~	0.3 (0.2- 0.5)
Oropharynx	0.2 (0.2- 0.2)	0.2 (0.2- 0.2)	0.3 (0.2- 0.4)	~	~
Hypopharynx	0.3 (0.3- 0.4)	0.3 (0.3- 0.4)	0.4 (0.3- 0.5)	~	~
Other Oral Cavity and Pharynx	0.2 (0.2- 0.2)	0.2 (0.2- 0.2)	0.2 (0.1- 0.3)	~	~
Digestive System	71.9 (71.4- 72.3)	69.7 (69.3- 70.2)	87.2 (85.6- 88.8)	67.0 (64.5- 69.5)	67.3 (65.6- 69.0)
Esophagus	2.0 (2.0- 2.1)	1.9 (1.9- 2.0)	3.4 (3.1- 3.7)	1.0 (0.7- 1.3)	1.5 (1.3- 1.8)
Stomach	4.8 (4.7- 4.9)	4.1 (4.0- 4.3)	8.7 (8.2- 9.2)	11.0 (10.0- 12.0)	8.4 (7.8- 9.0)
Small Intestine	1.4 (1.4- 1.5)	1.4 (1.3- 1.4)	2.3 (2.0- 2.6)	1.0 (0.7- 1.4)	1.0 (0.8- 1.2)
Colon and Rectum	45.8 (45.4- 46.1)	45.0 (44.6- 45.4)	52.0 (50.7- 53.2)	33.9 (32.2- 35.8)	34.6 (33.4- 35.8)
Colon excluding Rectum	34.7 (34.4- 35.0)	34.0 (33.7- 34.4)	40.9 (39.8- 42.0)	24.2 (22.7- 25.7)	25.4 (24.4- 26.5)
Rectum and Rectosigmoid Junction	11.0 (10.9- 11.2)	11.0 (10.8- 11.1)	11.1 (10.5- 11.7)	9.8 (8.9- 10.7)	9.1 (8.5- 9.8)
Anus, Anal Canal and Anorectum	1.5 (1.4- 1.6)	1.6 (1.5- 1.6)	1.2 (1.0- 1.4)	0.6 (0.4- 0.8)	1.4 (1.2- 1.7)
Liver and Intrahepatic Bile Duct	2.7 (2.6- 2.7)	2.4 (2.3- 2.5)	3.0 (2.7- 3.3)	6.8 (6.1- 7.7)	5.2 (4.7- 5.7)
Gallbladder	1.4 (1.4- 1.5)	1.4 (1.3- 1.4)	1.6 (1.4- 1.9)	1.7 (1.3- 2.2)	2.9 (2.6- 3.3)
Other Biliary	1.3 (1.2- 1.3)	1.2 (1.2- 1.3)	1.1 (0.9- 1.3)	1.9 (1.5- 2.4)	1.9 (1.6- 2.2)
Pancreas	9.4 (9.3- 9.6)	9.1 (8.9- 9.3)	12.8 (12.2- 13.4)	7.8 (7.0- 8.7)	8.8 (8.2- 9.4)
Retroperitoneum	0.4 (0.3- 0.4)	0.4 (0.3- 0.4)	0.4 (0.3- 0.5)	~	0.4 (0.3- 0.5)
Peritoneum, Omentum and Mesentery	0.9 (0.8- 0.9)	0.9 (0.9- 1.0)	0.4 (0.3- 0.5)	0.5 (0.3- 0.8)	0.7 (0.5- 0.9)
Other Digestive Organs	0.3 (0.3- 0.4)	0.3 (0.3- 0.3)	0.3 (0.2- 0.5)	0.5 (0.3- 0.8)	0.5 (0.4- 0.7)
Respiratory System	55.6 (55.3- 56.0)	57.1 (56.7- 57.5)	50.1 (48.9- 51.3)	26.2 (24.7- 27.8)	26.6 (25.6- 27.7)
Nose, Nasal Cavity and Middle Ear	0.5 (0.5- 0.5)	0.5 (0.5- 0.5)	0.4 (0.3- 0.5)	0.4 (0.3- 0.7)	0.4 (0.3- 0.6)
Larynx	1.5 (1.5- 1.6)	1.6 (1.5- 1.6)	1.8 (1.6- 2.0)	0.4 (0.2- 0.6)	0.9 (0.7- 1.1)
Lung and Bronchus	53.2 (52.8- 53.5)	54.6 (54.2- 55.0)	47.7 (46.5- 48.9)	25.2 (23.8- 26.8)	24.8 (23.7- 25.8)
Pleura	0.3 (0.3- 0.4)	0.3 (0.3- 0.4)	0.1 (0.1- 0.2)	~	0.4 (0.3- 0.5)
Trachea and Other Respiratory Organs	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	~	~	~
Bones and Joints	0.8 (0.8- 0.9)	0.8 (0.8- 0.9)	0.7 (0.6- 0.8)	0.4 (0.2- 0.6)	0.7 (0.6- 0.9)
Soft Tissue including Heart	2.4 (2.3- 2.5)	2.4 (2.3- 2.5)	2.6 (2.3- 2.8)	1.5 (1.2- 1.9)	2.2 (2.0- 2.5)
Skin excluding Basal and Squamous	14.1 (13.9- 14.3)	15.6 (15.4- 15.8)	1.7 (1.5- 2.0)	1.3 (1.0- 1.7)	4.4 (4.0- 4.9)
Melanomas of the Skin	13.0 (12.8- 13.1)	14.4 (14.2- 14.6)	0.9 (0.7- 1.1)	0.9 (0.6- 1.2)	3.5 (3.2- 3.9)
Other Non-Epithelial Skin	1.1 (1.1- 1.2)	1.2 (1.1- 1.2)	0.8 (0.7- 1.0)	0.5 (0.3- 0.8)	0.9 (0.7- 1.1)
Breast	127.2 (126.6-127.8)	129.9 (129.2-130.5)	106.7 (104.9-108.4)	78.1 (75.7- 80.6)	86.6 (84.8- 88.4)
Female Genital System	49.0 (48.6- 49.4)	49.7 (49.3- 50.1)	43.8 (42.7- 45.0)	32.1 (30.6- 33.7)	43.1 (41.9- 44.4)
Cervix	8.4 (8.3- 8.6)	8.0 (7.8- 8.1)	11.9 (11.3- 12.5)	7.5 (6.8- 8.3)	11.8 (11.2- 12.5)
Corpus	22.9 (22.7- 23.2)	23.5 (23.2- 23.8)	18.1 (17.4- 18.9)	13.5 (12.5- 14.5)	16.4 (15.6- 17.2)
Uterus, NOS	0.7 (0.7- 0.8)	0.7 (0.6- 0.7)	1.3 (1.1- 1.5)	0.5 (0.3- 0.7)	0.7 (0.5- 0.8)
Ovary	13.4 (13.2- 13.6)	13.9 (13.7- 14.1)	9.3 (8.8- 9.8)	9.3 (8.5- 10.2)	11.1 (10.5- 11.8)

continued

Table 1.1.1.1F: Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by Primary Site and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander§	Hispanic§‖
Vagina	0.7 (0.6- 0.7)	0.7 (0.6- 0.7)	1.0 (0.9- 1.2)	0.4 (0.2- 0.7)	0.9 (0.7- 1.1)
Vulva	2.3 (2.2- 2.3)	2.3 (2.3- 2.4)	1.6 (1.4- 1.9)	0.6 (0.4- 0.9)	1.6 (1.4- 1.9)
Other Female Genital Organs	0.6 (0.6- 0.7)	0.6 (0.6- 0.7)	0.5 (0.4- 0.7)	0.4 (0.2- 0.6)	0.6 (0.4- 0.7)
Urinary System	18.9 (18.7- 19.1)	19.4 (19.1- 19.6)	16.1 (15.5- 16.8)	8.3 (7.5- 9.2)	15.1 (14.3- 15.9)
Urinary Bladder¶	9.4 (9.3- 9.6)	9.8 (9.7- 10.0)	6.5 (6.0- 6.9)	4.1 (3.5- 4.8)	5.6 (5.1- 6.1)
Kidney and Renal Pelvis	8.9 (8.8- 9.1)	9.0 (8.8- 9.2)	9.1 (8.6- 9.6)	3.9 (3.3- 4.5)	9.1 (8.5- 9.7)
Ureter	0.4 (0.4- 0.4)	0.4 (0.4- 0.5)	0.1 (0.1- 0.2)	~	0.3 (0.2- 0.5)
Other Urinary Organs	0.2 (0.1- 0.2)	0.1 (0.1- 0.1)	0.5 (0.4- 0.6)	~	~
Eye and Orbit	0.6 (0.6- 0.7)	0.7 (0.6- 0.7)	0.1 (0.1- 0.2)	~	0.4 (0.3- 0.6)
Brain and Other Nervous System	5.4 (5.2- 5.5)	5.7 (5.6- 5.8)	3.4 (3.1- 3.7)	2.7 (2.3- 3.2)	4.6 (4.2- 5.0)
Brain	4.9 (4.8- 5.1)	5.3 (5.1- 5.4)	3.0 (2.7- 3.3)	2.4 (2.0- 2.8)	4.2 (3.8- 4.6)
Cranial Nerves and Other Nervous System	0.4 (0.4- 0.5)	0.4 (0.4- 0.5)	0.4 (0.3- 0.5)	0.3 (0.2- 0.5)	0.5 (0.3- 0.6)
Endocrine System	11.7 (11.5- 11.9)	12.1 (11.9- 12.3)	7.2 (6.8- 7.7)	12.2 (11.3- 13.2)	11.0 (10.4- 11.6)
Thyroid	11.1 (10.9- 11.3)	11.5 (11.3- 11.7)	6.7 (6.3- 7.1)	11.7 (10.8- 12.6)	10.6 (10.0- 11.2)
Other Endocrine including Thymus	0.6 (0.5- 0.6)	0.6 (0.5- 0.6)	0.6 (0.4- 0.7)	0.6 (0.4- 0.8)	0.4 (0.3- 0.6)
Lymphomas	17.8 (17.5- 18.0)	18.3 (18.1- 18.6)	12.4 (11.8- 13.0)	11.4 (10.4- 12.4)	14.8 (14.1- 15.6)
Hodgkin Lymphoma	2.4 (2.3- 2.5)	2.5 (2.4- 2.6)	1.7 (1.5- 2.0)	1.0 (0.7- 1.3)	1.6 (1.4- 1.9)
Non-Hodgkin Lymphoma	15.4 (15.2- 15.6)	15.8 (15.6- 16.0)	10.7 (10.1- 11.2)	10.4 (9.4- 11.4)	13.2 (12.5- 14.0)
Multiple Myeloma	4.1 (4.0- 4.3)	3.7 (3.6- 3.8)	8.2 (7.8- 8.8)	2.4 (2.0- 3.0)	4.1 (3.7- 4.6)
Leukemias	9.0 (8.8- 9.2)	9.2 (9.0- 9.4)	7.4 (6.9- 7.9)	4.8 (4.2- 5.5)	7.7 (7.2- 8.3)
Acute Lymphocytic	1.3 (1.2- 1.3)	1.3 (1.3- 1.4)	0.8 (0.7- 1.0)	1.2 (1.0- 1.6)	1.8 (1.6- 2.0)
Chronic Lymphocytic	2.4 (2.3- 2.4)	2.4 (2.3- 2.5)	1.7 (1.5- 2.0)	0.4 (0.3- 0.7)	1.2 (1.0- 1.5)
Acute Myeloid	3.1 (3.0- 3.2)	3.2 (3.1- 3.3)	2.5 (2.2- 2.8)	2.1 (1.7- 2.5)	2.7 (2.4- 3.1)
Chronic Myeloid	1.1 (1.0- 1.1)	1.1 (1.0- 1.1)	1.1 (1.0- 1.3)	0.6 (0.4- 0.9)	1.0 (0.8- 1.2)
Other Leukemias	1.2 (1.2- 1.3)	1.2 (1.2- 1.3)	1.2 (1.0- 1.4)	0.5 (0.3- 0.7)	1.0 (0.8- 1.3)
Miscellaneous	10.4 (10.3- 10.6)	10.2 (10.0- 10.4)	12.3 (11.7- 12.9)	6.9 (6.1- 7.7)	9.6 (9.0- 10.3)
Breast, *in situ***	28.4 (28.1- 28.7)	28.9 (28.6- 29.2)	22.9 (22.1- 23.7)	22.4 (21.1- 23.7)	17.9 (17.1- 18.8)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
¶ Includes invasive and *in situ*.
** Rates for *in situ* female breast cancer are listed separately and are not included in rates for the "all sites" category.
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table 1.1.1.2M: Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by Primary Site and Race and Ethnicity, United States†

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Sites	243.5 (242.6-244.4)	238.8 (237.9-239.8)	332.0 (328.2-335.8)	147.0 (142.7-151.3)	167.8 (164.5-171.2)
Oral Cavity and Pharynx	4.1 (4.0- 4.2)	3.9 (3.7- 4.0)	6.7 (6.2- 7.2)	3.7 (3.1- 4.4)	2.8 (2.4- 3.3)
Lip	0.1 (0.0- 0.1)	0.1 (0.0- 0.1)	~	~	~
Tongue	0.9 (0.9- 1.0)	0.9 (0.9- 1.0)	1.2 (1.0- 1.5)	0.5 (0.3- 0.8)	0.6 (0.4- 0.8)
Salivary Gland	0.4 (0.3- 0.4)	0.4 (0.3- 0.4)	0.2 (0.1- 0.4)	~	~
Floor of Mouth	0.1 (0.1- 0.1)	0.1 (0.0- 0.1)	~	~	~
Gum and Other Mouth	0.5 (0.5- 0.6)	0.5 (0.5- 0.6)	0.8 (0.6- 1.0)	~	0.4 (0.3- 0.7)
Nasopharynx	0.3 (0.3- 0.4)	0.2 (0.2- 0.3)	0.5 (0.3- 0.6)	1.7 (1.4- 2.2)	0.3 (0.2- 0.5)
Tonsil	0.4 (0.3- 0.4)	0.3 (0.3- 0.4)	0.7 (0.6- 0.9)	~	0.3 (0.2- 0.5)
Oropharynx	0.3 (0.3- 0.3)	0.3 (0.2- 0.3)	0.7 (0.6- 0.9)	~	0.2 (0.1- 0.4)
Hypopharynx	0.2 (0.2- 0.2)	0.2 (0.2- 0.2)	0.3 (0.2- 0.5)	~	~
Other Oral Cavity and Pharynx	1.0 (0.9- 1.0)	0.9 (0.8- 0.9)	2.0 (1.7- 2.3)	0.6 (0.3- 0.9)	0.6 (0.4- 0.8)
Digestive System	59.5 (59.0- 59.9)	57.3 (56.8- 57.8)	83.5 (81.7- 85.4)	55.1 (52.6- 57.8)	52.9 (51.1- 54.8)
Esophagus	7.8 (7.7- 8.0)	7.6 (7.5- 7.8)	11.3 (10.7- 12.0)	3.4 (2.8- 4.1)	4.4 (3.9- 5.0)
Stomach	6.1 (5.9- 6.2)	5.4 (5.2- 5.5)	12.0 (11.3- 12.7)	11.0 (9.8- 12.2)	9.2 (8.4- 10.0)
Small Intestine	0.5 (0.4- 0.5)	0.4 (0.4- 0.5)	0.8 (0.6- 1.0)	~	0.4 (0.2- 0.6)
Colon and Rectum	24.2 (23.9- 24.5)	23.7 (23.4- 24.0)	33.1 (31.9- 34.4)	15.9 (14.5- 17.4)	17.5 (16.5- 18.7)
Colon excluding Rectum	20.2 (20.0- 20.5)	19.7 (19.4- 20.0)	28.6 (27.5- 29.7)	13.3 (12.0- 14.7)	14.4 (13.4- 15.4)
Rectum and Rectosigmoid Junction	4.0 (3.8- 4.1)	3.9 (3.8- 4.1)	4.5 (4.1- 5.0)	2.6 (2.1- 3.3)	3.1 (2.7- 3.6)
Anus, Anal Canal and Anorectum	0.1 (0.1- 0.2)	0.1 (0.1- 0.2)	0.2 (0.1- 0.3)	~	~
Liver and Intrahepatic Bile Duct	6.9 (6.8- 7.1)	6.3 (6.2- 6.5)	9.1 (8.5- 9.7)	14.9 (13.7- 16.3)	10.3 (9.6- 11.2)
Gallbladder	0.5 (0.4- 0.5)	0.5 (0.4- 0.5)	0.6 (0.4- 0.8)	0.7 (0.4- 1.1)	0.9 (0.7- 1.2)
Other Biliary	0.7 (0.6- 0.7)	0.7 (0.6- 0.7)	0.6 (0.4- 0.8)	0.8 (0.5- 1.2)	0.7 (0.5- 1.0)
Pancreas	12.1 (11.9- 12.3)	12.0 (11.8- 12.2)	15.0 (14.3- 15.9)	7.6 (6.7- 8.7)	9.0 (8.3- 9.8)
Retroperitoneum	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	~	~	~
Peritoneum, Omentum and Mesentery	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	~	~	~
Other Digestive Organs	0.4 (0.4- 0.5)	0.4 (0.4- 0.4)	0.7 (0.5- 0.9)	~	0.3 (0.2- 0.5)
Respiratory System	78.1 (77.6- 78.6)	76.9 (76.4- 77.5)	104.8 (102.7-106.9)	40.9 (38.6- 43.2)	39.1 (37.6- 40.8)
Nose, Nasal Cavity and Middle Ear	0.2 (0.2- 0.2)	0.2 (0.2- 0.2)	0.3 (0.2- 0.4)	~	~
Larynx	2.5 (2.4- 2.6)	2.3 (2.2- 2.4)	5.0 (4.6- 5.5)	1.3 (0.9- 1.8)	1.9 (1.6- 2.3)
Lung and Bronchus	75.1 (74.6- 75.6)	74.1 (73.6- 74.6)	99.2 (97.2-101.3)	39.2 (37.0- 41.5)	36.7 (35.2- 38.3)
Pleura	0.2 (0.2- 0.2)	0.2 (0.2- 0.2)	~	~	~
Trachea and Other Respiratory Organs	0.1 (0.1- 0.2)	0.1 (0.1- 0.1)	0.2 (0.1- 0.3)	~	~
Bones and Joints	0.6 (0.5- 0.6)	0.6 (0.5- 0.6)	0.6 (0.4- 0.7)	0.3 (0.2- 0.6)	0.5 (0.3- 0.7)
Soft Tissue including Heart	1.5 (1.4- 1.5)	1.5 (1.4- 1.5)	1.6 (1.4- 1.9)	0.9 (0.6- 1.3)	1.1 (0.9- 1.4)
Skin excluding Basal and Squamous	5.3 (5.2- 5.5)	5.9 (5.7- 6.0)	1.4 (1.2- 1.7)	0.9 (0.6- 1.3)	1.6 (1.3- 2.0)
Melanomas of the Skin	3.9 (3.8- 4.0)	4.4 (4.2- 4.5)	0.3 (0.2- 0.5)	~	0.9 (0.7- 1.1)
Other Non-Epithelial Skin	1.5 (1.4- 1.5)	1.5 (1.5- 1.6)	1.1 (0.9- 1.3)	0.4 (0.2- 0.8)	0.8 (0.5- 1.0)
Breast	0.3 (0.3- 0.4)	0.3 (0.3- 0.4)	0.6 (0.5- 0.8)	~	~
Male Genital System	29.5 (29.2- 29.8)	27.0 (26.7- 27.4)	66.9 (65.0- 68.8)	11.8 (10.4- 13.2)	23.8 (22.5- 25.2)
Prostate	29.1 (28.7- 29.4)	26.6 (26.2- 26.9)	66.4 (64.6- 68.3)	11.6 (10.2- 13.0)	23.3 (21.9- 24.7)
Testis	0.2 (0.2- 0.3)	0.3 (0.2- 0.3)	0.2 (0.1- 0.3)	~	0.2 (0.2- 0.4)
Penis	0.2 (0.1- 0.2)	0.2 (0.1- 0.2)	0.2 (0.1- 0.4)	~	0.3 (0.2- 0.5)
Other Male Genital Organs	0.0 (0.0- 0.0)	0.0 (0.0- 0.0)	~	~	~

continued

Table 1.1.1.2M: Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by Primary Site and Race and Ethnicity, United States† *(continued)*

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
Urinary System	14.0 (13.8- 14.3)	14.5 (14.3- 14.7)	11.8 (11.0- 12.5)	6.2 (5.3- 7.2)	9.8 (9.0- 10.6)
Urinary Bladder	7.5 (7.4- 7.7)	7.9 (7.7- 8.1)	5.1 (4.6- 5.6)	3.4 (2.8- 4.2)	3.9 (3.4- 4.5)
Kidney and Renal Pelvis	6.2 (6.1- 6.4)	6.3 (6.1- 6.4)	6.4 (5.9- 7.0)	2.6 (2.1- 3.2)	5.6 (5.0- 6.2)
Ureter	0.1 (0.1- 0.2)	0.2 (0.1- 0.2)	~	~	~
Other Urinary Organs	0.2 (0.1- 0.2)	0.2 (0.1- 0.2)	0.2 (0.1- 0.3)	~	~
Eye and Orbit	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	~	~	~
Brain and Other Nervous System	5.5 (5.3- 5.6)	5.9 (5.7- 6.0)	3.1 (2.8- 3.5)	2.6 (2.1- 3.2)	3.4 (3.0- 3.9)
Endocrine System	0.8 (0.8- 0.9)	0.9 (0.8- 0.9)	0.8 (0.6- 1.0)	0.7 (0.4- 1.1)	0.7 (0.5- 1.0)
Thyroid	0.5 (0.4- 0.5)	0.5 (0.4- 0.5)	0.4 (0.3- 0.6)	~	0.5 (0.3- 0.7)
Other Endocrine including Thymus	0.4 (0.3- 0.4)	0.4 (0.3- 0.4)	0.4 (0.3- 0.5)	0.3 (0.2- 0.6)	0.2 (0.1- 0.4)
Lymphoma	10.5 (10.3- 10.7)	10.8 (10.6- 11.0)	7.8 (7.2- 8.3)	6.4 (5.5- 7.4)	8.2 (7.5- 9.0)
Hodgkin Lymphoma	0.6 (0.5- 0.6)	0.6 (0.5- 0.6)	0.5 (0.4- 0.7)	~	0.7 (0.5- 0.9)
Non-Hodgkin Lymphoma	9.9 (9.7- 10.1)	10.2 (10.1- 10.4)	7.3 (6.7- 7.8)	6.2 (5.4- 7.2)	7.5 (6.9- 8.3)
Multiple Myeloma	4.7 (4.5- 4.8)	4.4 (4.3- 4.5)	8.7 (8.1- 9.3)	2.0 (1.5- 2.5)	4.2 (3.7- 4.8)
Leukemias	10.1 (9.9- 10.3)	10.4 (10.2- 10.6)	8.8 (8.2- 9.4)	5.3 (4.6- 6.2)	6.7 (6.1- 7.4)
Acute Lymphocytic	0.6 (0.5- 0.6)	0.6 (0.6- 0.7)	0.4 (0.3- 0.6)	0.4 (0.2- 0.7)	0.7 (0.5- 0.9)
Chronic Lymphocytic	2.3 (2.2- 2.3)	2.3 (2.2- 2.4)	2.2 (1.9- 2.6)	~	0.8 (0.6- 1.0)
Acute Myeloid	3.5 (3.4- 3.6)	3.6 (3.5- 3.7)	2.6 (2.3- 3.0)	2.3 (1.8- 2.9)	2.2 (1.9- 2.6)
Chronic Myeloid	0.7 (0.7- 0.8)	0.7 (0.7- 0.8)	0.7 (0.6- 0.9)	0.7 (0.4- 1.0)	0.7 (0.5- 0.9)
Other Leukemias	3.1 (3.0- 3.2)	3.1 (3.0- 3.2)	2.7 (2.4- 3.1)	1.6 (1.2- 2.2)	2.3 (1.9- 2.8)
Miscellaneous	18.9 (18.6- 19.1)	18.5 (18.3- 18.8)	25.0 (24.0- 26.0)	10.1 (9.0- 11.3)	12.5 (11.6- 13.5)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table 1.1.1.2F: Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by Primary Site and Race and Ethnicity, United States†

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Sites	164.1 (163.5-164.7)	163.2 (162.6-163.9)	191.7 (189.5-193.9)	98.8 (95.9-101.8)	108.6 (106.4-110.7)
Oral Cavity and Pharynx	1.6 (1.5- 1.6)	1.5 (1.5- 1.6)	1.8 (1.6- 2.0)	1.4 (1.1- 1.8)	1.0 (0.8- 1.2)
Lip	0.0 (0.0- 0.0)	0.0 (0.0- 0.0)	~	~	~
Tongue	0.4 (0.4- 0.4)	0.4 (0.4- 0.4)	0.3 (0.2- 0.4)	0.5 (0.3- 0.7)	0.3 (0.2- 0.5)
Salivary Gland	0.2 (0.1- 0.2)	0.2 (0.1- 0.2)	0.2 (0.1- 0.2)	~	~
Floor of Mouth	0.0 (0.0- 0.0)	0.0 (0.0- 0.0)	~	~	~
Gum and Other Mouth	0.3 (0.3- 0.3)	0.3 (0.3- 0.3)	0.3 (0.2- 0.4)	~	~
Nasopharynx	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	0.2 (0.1- 0.2)	0.6 (0.4- 0.8)	~
Tonsil	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	0.1 (0.1- 0.2)	~	~
Oropharynx	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	0.2 (0.1- 0.3)	~	~
Hypopharynx	0.1 (0.0- 0.1)	0.1 (0.0- 0.1)	~	~	~
Other Oral Cavity and Pharynx	0.3 (0.2- 0.3)	0.2 (0.2- 0.3)	0.4 (0.3- 0.5)	~	0.2 (0.1- 0.3)
Digestive System	36.7 (36.4- 37.0)	35.1 (34.8- 35.4)	52.5 (51.3- 53.6)	33.0 (31.3- 34.8)	33.6 (32.4- 34.9)
Esophagus	1.8 (1.7- 1.8)	1.7 (1.6- 1.7)	3.0 (2.7- 3.3)	0.7 (0.5- 1.0)	1.0 (0.8- 1.2)
Stomach	3.1 (3.0- 3.2)	2.7 (2.6- 2.8)	5.8 (5.4- 6.2)	6.3 (5.6- 7.1)	5.2 (4.8- 5.7)
Small Intestine	0.3 (0.3- 0.3)	0.3 (0.3- 0.3)	0.5 (0.4- 0.7)	~	0.3 (0.2- 0.4)
Colon and Rectum	17.0 (16.8- 17.2)	16.4 (16.2- 16.6)	24.2 (23.4- 25.0)	11.1 (10.1- 12.2)	11.6 (10.9- 12.4)
Colon excluding Rectum	14.8 (14.6- 14.9)	14.2 (14.0- 14.4)	21.5 (20.8- 22.2)	9.5 (8.6- 10.5)	10.2 (9.5- 10.9)
Rectum and Rectosigmoid Junction	2.3 (2.2- 2.3)	2.3 (2.2- 2.3)	2.7 (2.4- 2.9)	1.6 (1.3- 2.1)	1.5 (1.2- 1.7)
Anus, Anal Canal and Anorectum	0.2 (0.2- 0.2)	0.2 (0.2- 0.2)	0.2 (0.1- 0.2)	~	~
Liver and Intrahepatic Bile Duct	3.0 (2.9- 3.1)	2.7 (2.6- 2.8)	4.1 (3.8- 4.4)	6.2 (5.5- 7.0)	4.9 (4.5- 5.4)
Gallbladder	0.9 (0.8- 0.9)	0.8 (0.8- 0.9)	1.0 (0.9- 1.2)	0.8 (0.5- 1.1)	1.5 (1.3- 1.8)
Other Biliary	0.5 (0.5- 0.5)	0.5 (0.5- 0.5)	0.5 (0.4- 0.6)	0.5 (0.3- 0.8)	0.6 (0.4- 0.8)
Pancreas	9.3 (9.1- 9.4)	9.0 (8.9- 9.2)	12.5 (12.0- 13.1)	6.6 (5.8- 7.4)	7.8 (7.2- 8.4)
Retroperitoneum	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	~	~	~
Peritoneum, Omentum and Mesentery	0.3 (0.3- 0.4)	0.3 (0.3- 0.4)	0.2 (0.1- 0.3)	~	0.2 (0.1- 0.3)
Other Digestive Organs	0.3 (0.2- 0.3)	0.3 (0.2- 0.3)	0.5 (0.3- 0.6)	~	0.2 (0.1- 0.4)
Respiratory System	41.7 (41.4- 42.0)	42.7 (42.3- 43.0)	39.9 (38.9- 40.9)	20.2 (18.9- 21.6)	15.0 (14.2- 15.8)
Nose, Nasal Cavity and Middle Ear	0.1 (0.1- 0.2)	0.1 (0.1- 0.2)	0.1 (0.1- 0.2)	~	~
Larynx	0.5 (0.5- 0.5)	0.5 (0.4- 0.5)	0.9 (0.7- 1.0)	~	0.2 (0.2- 0.4)
Lung and Bronchus	40.9 (40.6- 41.3)	42.0 (41.6- 42.3)	38.8 (37.8- 39.8)	19.9 (18.5- 21.3)	14.5 (13.7- 15.3)
Pleura	0.1 (0.0- 0.1)	0.1 (0.0- 0.1)	~	~	~
Trachea and Other Respiratory Organs	0.1 (0.1- 0.1)	0.1 (0.0- 0.1)	~	~	~
Bones and Joints	0.4 (0.3- 0.4)	0.4 (0.3- 0.4)	0.4 (0.3- 0.5)	~	0.3 (0.2- 0.5)
Soft Tissue including Heart	1.2 (1.1- 1.2)	1.1 (1.1- 1.2)	1.3 (1.2- 1.5)	0.7 (0.5- 1.0)	1.0 (0.8- 1.2)
Skin excluding Basal and Squamous	2.2 (2.1- 2.3)	2.5 (2.4- 2.6)	0.7 (0.6- 0.8)	0.4 (0.2- 0.6)	0.9 (0.7- 1.1)
Melanomas of the Skin	1.7 (1.7- 1.8)	2.0 (1.9- 2.1)	0.4 (0.3- 0.6)	~	0.7 (0.5- 0.9)
Other Non-Epithelial Skin	0.5 (0.4- 0.5)	0.5 (0.5- 0.5)	0.2 (0.2- 0.3)	~	0.2 (0.1- 0.3)
Breast	25.9 (25.7- 26.2)	25.4 (25.1- 25.6)	34.5 (33.5- 35.4)	12.8 (11.9- 13.9)	16.3 (15.5- 17.1)
Female Genital System	16.7 (16.5- 16.9)	16.6 (16.4- 16.8)	20.4 (19.7- 21.1)	9.9 (9.0- 10.8)	13.6 (12.8- 14.3)
Cervix	2.7 (2.6- 2.8)	2.4 (2.3- 2.5)	4.8 (4.5- 5.2)	2.6 (2.2- 3.1)	3.4 (3.1- 3.8)
Corpus	2.0 (1.9- 2.0)	1.9 (1.8- 2.0)	2.9 (2.6- 3.2)	0.8 (0.6- 1.1)	1.4 (1.1- 1.6)
Uterus, NOS	2.2 (2.1- 2.3)	2.0 (2.0- 2.1)	4.1 (3.8- 4.4)	1.2 (0.9- 1.6)	2.0 (1.7- 2.3)
Ovary	9.0 (8.8- 9.1)	9.3 (9.1- 9.5)	7.5 (7.1- 8.0)	4.8 (4.2- 5.5)	6.1 (5.6- 6.7)

continued

Table 1.1.1.2F: Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by Primary Site and Race and Ethnicity, United States† *(continued)*

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
Vagina	0.2 (0.2- 0.3)	0.2 (0.2- 0.2)	0.4 (0.3- 0.5)	~	0.2 (0.1- 0.3)
Vulva	0.4 (0.4- 0.5)	0.5 (0.4- 0.5)	0.4 (0.3- 0.6)	~	0.4 (0.2- 0.5)
Other Female Genital Organs	0.2 (0.2- 0.3)	0.3 (0.2- 0.3)	0.2 (0.2- 0.3)	~	~
Urinary System	5.2 (5.1- 5.3)	5.2 (5.1- 5.3)	5.9 (5.6- 6.3)	2.5 (2.1- 3.1)	3.7 (3.3- 4.1)
Urinary Bladder	2.2 (2.2- 2.3)	2.2 (2.1- 2.3)	2.9 (2.6- 3.2)	1.1 (0.8- 1.5)	1.4 (1.1- 1.6)
Kidney and Renal Pelvis	2.8 (2.7- 2.9)	2.8 (2.7- 2.9)	2.8 (2.6- 3.1)	1.4 (1.0- 1.8)	2.2 (1.9- 2.6)
Ureter	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	~	~	~
Other Urinary Organs	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	0.2 (0.1- 0.3)	~	~
Eye and Orbit	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	~	~	~
Brain and Other Nervous System	3.6 (3.5- 3.7)	3.9 (3.8- 4.0)	2.2 (2.0- 2.4)	1.4 (1.1- 1.8)	2.4 (2.1- 2.7)
Endocrine System	0.8 (0.7- 0.8)	0.8 (0.7- 0.8)	0.9 (0.8- 1.1)	0.9 (0.7- 1.3)	0.8 (0.6- 1.0)
Thyroid	0.5 (0.4- 0.5)	0.5 (0.4- 0.5)	0.6 (0.5- 0.7)	0.7 (0.5- 1.0)	0.6 (0.5- 0.8)
Other Endocrine including Thymus	0.3 (0.3- 0.3)	0.3 (0.3- 0.3)	0.3 (0.2- 0.4)	~	0.2 (0.1- 0.3)
Lymphoma	6.8 (6.6- 6.9)	7.0 (6.9- 7.2)	4.8 (4.5- 5.2)	3.9 (3.3- 4.5)	4.9 (4.4- 5.3)
Hodgkin Lymphoma	0.4 (0.4- 0.4)	0.4 (0.4- 0.4)	0.4 (0.3- 0.5)	~	0.3 (0.2- 0.4)
Non-Hodgkin Lymphoma	6.4 (6.3- 6.5)	6.7 (6.5- 6.8)	4.5 (4.1- 4.8)	3.8 (3.2- 4.4)	4.6 (4.1- 5.0)
Multiple Myeloma	3.2 (3.1- 3.3)	2.9 (2.8- 3.0)	6.3 (5.9- 6.7)	1.4 (1.1- 1.8)	2.5 (2.2- 2.9)
Leukemia	5.9 (5.7- 6.0)	6.0 (5.9- 6.1)	5.4 (5.0- 5.8)	3.1 (2.6- 3.7)	4.2 (3.8- 4.6)
Acute Lymphocytic Leukemia	0.4 (0.4- 0.5)	0.4 (0.4- 0.5)	0.4 (0.3- 0.5)	0.3 (0.2- 0.6)	0.7 (0.5- 0.8)
Chronic Lymphocytic Leukemia	1.1 (1.0- 1.1)	1.1 (1.0- 1.1)	1.1 (0.9- 1.2)	~	0.3 (0.2- 0.4)
Acute Myeloid Leukemia	2.2 (2.2- 2.3)	2.3 (2.2- 2.4)	1.8 (1.6- 2.0)	1.6 (1.3- 2.0)	1.5 (1.3- 1.8)
Chronic Myeloid Leukemia	0.5 (0.4- 0.5)	0.5 (0.4- 0.5)	0.5 (0.4- 0.6)	0.3 (0.2- 0.5)	0.4 (0.3- 0.6)
Other Leukemias	1.7 (1.6- 1.7)	1.7 (1.6- 1.8)	1.7 (1.5- 1.9)	0.7 (0.5- 1.0)	1.3 (1.1- 1.6)
Miscellaneous	12.3 (12.1- 12.5)	12.2 (12.0- 12.4)	14.7 (14.1- 15.4)	6.9 (6.1- 7.8)	8.3 (7.8- 9.0)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table 1.1.2.1M: All Cancer Sites Combined. Invasive Cancer Incidence Rates* and 95% Confidence Intervals by Age and Race and Ethnicity, United States†‡

Males, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander§	Hispanic§‖
<1	23.8 (21.6- 26.1)	24.4 (22.0- 27.1)	20.3 (15.5- 26.1)	~	22.5 (18.2- 27.5)
1-4	21.6 (20.5- 22.7)	22.5 (21.3- 23.8)	13.2 (11.2- 15.6)	24.0 (19.0- 29.9)	21.3 (19.0- 23.7)
5-9	11.5 (10.9- 12.2)	12.4 (11.6- 13.3)	7.1 (5.8- 8.5)	8.6 (6.0- 11.9)	13.2 (11.6- 14.9)
10-14	12.9 (12.2- 13.7)	13.4 (12.6- 14.3)	9.0 (7.6- 10.6)	12.2 (9.1- 16.0)	14.1 (12.4- 16.0)
15-19	21.3 (20.4- 22.3)	22.8 (21.7- 23.9)	13.5 (11.6- 15.6)	13.6 (10.4- 17.6)	21.1 (18.9- 23.4)
20-24	30.7 (29.5- 31.8)	32.9 (31.6- 34.3)	16.7 (14.5- 19.2)	16.5 (13.0- 20.6)	22.9 (20.8- 25.1)
25-29	44.0 (42.6- 45.4)	45.7 (44.1- 47.3)	33.9 (30.5- 37.5)	25.3 (21.2- 30.0)	32.1 (29.6- 34.7)
30-34	58.8 (57.2- 60.3)	60.9 (59.1- 62.6)	43.6 (39.8- 47.6)	33.3 (28.6- 38.6)	41.3 (38.3- 44.4)
35-39	87.8 (86.0- 89.7)	87.9 (85.9- 89.9)	84.1 (79.0- 89.5)	54.7 (48.4- 61.6)	61.4 (57.6- 65.5)
40-44	147.6 (145.3- 150.0)	145.5 (143.0- 148.1)	163.5 (156.2- 171.0)	91.3 (82.7- 100.6)	104.2 (98.6- 110.0)
45-49	269.9 (266.6- 273.3)	261.2 (257.7- 264.8)	349.0 (337.4- 361.0)	152.4 (140.4- 165.1)	192.0 (183.3- 201.0)
50-54	536.7 (531.7- 541.7)	520.6 (515.3- 525.9)	710.0 (691.5- 728.8)	265.8 (248.5- 284.0)	375.0 (360.9- 389.5)
55-59	947.2 (939.6- 954.8)	914.0 (906.0- 922.1)	1294.3 (1264.4-1324.8)	488.1 (459.9- 517.5)	664.2 (641.6- 687.3)
60-64	1540.9 (1529.9-1552.0)	1503.5 (1491.8-1515.2)	1969.2 (1927.2-2012.0)	787.9 (747.3- 830.3)	1100.3 (1066.5-1135.0)
65-69	2264.4 (2249.7-2279.1)	2226.6 (2211.1-2242.2)	2676.9 (2622.2-2732.4)	1220.0 (1161.6-1280.6)	1746.9 (1698.2-1796.7)
70-74	2828.5 (2811.2-2846.0)	2797.2 (2778.9-2815.5)	3085.3 (3017.7-3153.9)	1706.1 (1627.2-1787.8)	2214.4 (2152.1-2278.0)
75-79	3123.2 (3102.7-3143.8)	3083.8 (3062.4-3105.4)	3281.2 (3199.3-3364.7)	2112.8 (2010.3-2219.2)	2609.8 (2527.5-2694.1)
80-84	3082.6 (3057.0-3108.4)	3044.3 (3017.6-3071.1)	3126.6 (3021.6-3234.3)	2201.8 (2064.2-2346.2)	2560.7 (2449.0-2676.3)
85+	2977.2 (2946.7-3007.9)	2954.2 (2922.4-2986.3)	2948.2 (2828.0-3072.3)	2143.6 (1980.5-2316.6)	2462.6 (2332.6-2597.9)

* Rates are per 100,000 persons.

† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

‡ Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

~ Rates are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table 1.1.2.1F: All Cancer Sites Combined. Invasive Cancer Incidence Rates* and 95% Confidence Intervals by Age and Race and Ethnicity, United States†‡

Females, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander§	Hispanic§‖
<1	23.0 (20.9- 25.3)	24.4 (21.9- 27.1)	13.9 (10.0- 19.0)	~	23.4 (18.9- 28.6)
1-4	19.2 (18.1- 20.2)	20.4 (19.2- 21.6)	12.0 (10.0- 14.3)	14.5 (10.7- 19.3)	18.4 (16.2- 20.7)
5-9	10.0 (9.4- 10.7)	10.2 (9.5- 11.0)	8.0 (6.6- 9.6)	9.6 (6.8- 13.1)	10.0 (8.6- 11.6)
10-14	12.2 (11.5- 12.9)	12.5 (11.7- 13.3)	9.9 (8.3- 11.6)	10.9 (7.9- 14.6)	12.3 (10.6- 14.1)
15-19	18.7 (17.9- 19.7)	20.0 (19.0- 21.1)	11.9 (10.1- 13.9)	13.0 (9.8- 16.9)	14.7 (12.8- 16.8)
20-24	33.1 (31.9- 34.3)	35.1 (33.7- 36.5)	22.4 (19.8- 25.1)	17.0 (13.5- 21.2)	25.1 (22.7- 27.7)
25-29	58.6 (57.0- 60.2)	60.7 (58.9- 62.6)	46.9 (43.1- 51.0)	33.4 (28.7- 38.6)	41.6 (38.5- 44.9)
30-34	100.6 (98.6- 102.6)	103.6 (101.3- 105.9)	82.0 (77.1- 87.2)	67.5 (60.9- 74.6)	75.1 (70.8- 79.6)
35-39	160.2 (157.7- 162.6)	161.9 (159.1- 164.7)	143.3 (137.0- 149.9)	112.6 (103.7- 122.0)	126.6 (120.8- 132.6)
40-44	265.3 (262.2- 268.4)	268.4 (265.0- 271.9)	241.5 (233.1- 250.1)	187.2 (175.3- 199.7)	213.9 (205.7- 222.4)
45-49	398.4 (394.5- 402.4)	401.9 (397.5- 406.3)	371.6 (360.4- 383.1)	291.1 (275.5- 307.4)	310.2 (299.1- 321.7)
50-54	576.0 (571.0- 581.1)	582.8 (577.3- 588.4)	539.7 (524.9- 554.9)	369.6 (350.5- 389.3)	435.3 (420.4- 450.6)
55-59	802.9 (796.1- 809.7)	815.1 (807.7- 822.5)	727.6 (707.3- 748.3)	501.6 (474.8- 529.6)	555.5 (535.8- 575.7)
60-64	1059.4 (1050.7-1068.2)	1076.8 (1067.3-1086.3)	974.6 (948.4-1001.4)	625.4 (591.4- 660.8)	736.4 (710.6- 762.9)
65-69	1353.0 (1342.5-1363.6)	1380.1 (1368.7-1391.6)	1209.9 (1178.3-1242.1)	785.0 (743.3- 828.4)	956.2 (923.7- 989.5)
70-74	1603.7 (1592.0-1615.4)	1628.4 (1615.9-1641.0)	1430.3 (1392.7-1468.6)	953.6 (903.3-1006.1)	1173.6 (1134.0-1214.3)
75-79	1817.0 (1803.8-1830.2)	1836.0 (1822.1-1850.1)	1619.6 (1575.0-1665.0)	1142.5 (1077.6-1210.3)	1375.9 (1325.4-1427.7)
80-84	1896.5 (1880.9-1912.3)	1910.2 (1893.7-1926.8)	1706.6 (1651.0-1763.6)	1326.3 (1236.4-1420.9)	1437.9 (1371.8-1506.4)
85+	1790.1 (1774.7-1805.6)	1790.3 (1774.1-1806.5)	1674.5 (1618.8-1731.5)	1301.2 (1199.2-1409.5)	1483.7 (1412.8-1557.4)

* Rates are per 100,000 persons.

† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

‡ Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

~ Rates are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table 1.1.2.2M: All Cancer Sites Combined. Cancer Death Rates* and 95% Confidence Intervals by Age and Race and Ethnicity, United States†

Males, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
<1	1.5 (1.0- 2.1)	1.5 (1.0- 2.2)	~	~	~
1-4	2.9 (2.6- 3.3)	3.1 (2.7- 3.6)	2.4 (1.6- 3.4)	~	2.9 (2.1- 3.8)
5-9	2.4 (2.2- 2.8)	2.4 (2.1- 2.8)	2.5 (1.8- 3.4)	~	2.6 (1.9- 3.4)
10-14	2.6 (2.3- 2.9)	2.4 (2.1- 2.8)	3.4 (2.6- 4.4)	~	2.4 (1.7- 3.2)
15-19	4.3 (3.9- 4.7)	4.4 (3.9- 4.9)	4.3 (3.3- 5.4)	~	5.7 (4.6- 7.0)
20-24	5.7 (5.3- 6.2)	5.8 (5.3- 6.3)	5.9 (4.7- 7.3)	4.1 (2.5- 6.3)	5.3 (4.4- 6.5)
25-29	7.2 (6.7- 7.7)	7.1 (6.5- 7.7)	8.5 (6.9- 10.2)	4.6 (3.0- 6.8)	5.1 (4.2- 6.2)
30-34	11.1 (10.5- 11.8)	11.1 (10.4- 11.9)	12.4 (10.6- 14.5)	9.1 (6.8- 12.0)	7.4 (6.2- 8.8)
35-39	20.9 (20.1- 21.8)	20.4 (19.5- 21.4)	26.8 (24.1- 29.7)	15.9 (12.7- 19.7)	14.9 (13.1- 16.9)
40-44	43.9 (42.7- 45.1)	41.8 (40.5- 43.1)	62.8 (58.7- 67.2)	33.8 (28.8- 39.5)	29.6 (26.7- 32.7)
45-49	91.6 (89.7- 93.4)	86.4 (84.5- 88.4)	143.6 (136.7- 150.7)	64.8 (57.3- 73.1)	59.6 (54.8- 64.6)
50-54	174.1 (171.3- 176.8)	165.0 (162.1- 167.9)	280.8 (270.0- 291.8)	105.2 (94.7- 116.6)	108.9 (101.4- 116.7)
55-59	311.5 (307.3- 315.7)	298.1 (293.7- 302.6)	494.9 (477.8- 512.4)	180.5 (164.0- 198.1)	188.5 (176.7- 200.8)
60-64	526.7 (520.6- 533.0)	513.9 (507.4- 520.5)	746.9 (723.0- 771.5)	303.1 (278.8- 328.9)	339.4 (320.9- 358.7)
65-69	813.7 (805.3- 822.2)	797.5 (788.6- 806.5)	1131.7 (1098.8-1165.4)	417.2 (384.1- 452.2)	518.4 (492.2- 545.7)
70-74	1177.3 (1166.5-1188.1)	1160.2 (1148.9-1171.6)	1593.5 (1548.5-1639.4)	637.2 (590.3- 686.7)	800.9 (763.9- 839.3)
75-79	1565.9 (1551.9-1579.9)	1545.8 (1531.2-1560.6)	2077.6 (2017.3-2139.3)	963.1 (895.5-1034.4)	1164.7 (1110.2-1221.1)
80-84	1973.6 (1953.8-1993.5)	1946.1 (1925.5-1966.8)	2635.8 (2546.6-2727.4)	1305.1 (1201.4-1415.4)	1402.1 (1320.3-1487.6)
85+	2571.1 (2543.9-2598.6)	2558.0 (2529.4-2586.8)	3128.2 (3014.0-3245.6)	1630.8 (1491.0-1780.3)	1864.0 (1752.0-1981.2)

* Rates are per 100,000 persons.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table 1.1.2.2F: All Cancer Sites Combined. Cancer Death Rates* and 95% Confidence Intervals by Age and Race and Ethnicity, United States†

Females, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
<1	1.8 (1.2- 2.5)	2.0 (1.3- 2.8)	~	~	~
1-4	2.5 (2.2- 2.9)	2.8 (2.4- 3.3)	1.5 (0.9- 2.3)	~	2.7 (1.9- 3.7)
5-9	2.4 (2.1- 2.8)	2.5 (2.2- 2.9)	2.2 (1.6- 3.1)	~	2.1 (1.5- 2.9)
10-14	2.3 (2.0- 2.6)	2.4 (2.1- 2.8)	2.2 (1.5- 3.0)	~	3.0 (2.2- 3.9)
15-19	2.9 (2.6- 3.3)	2.9 (2.6- 3.3)	2.9 (2.1- 3.9)	~	3.2 (2.4- 4.2)
20-24	4.1 (3.7- 4.5)	4.1 (3.6- 4.6)	4.3 (3.3- 5.5)	3.9 (2.3- 6.0)	2.7 (1.9- 3.6)
25-29	7.4 (6.9- 8.0)	7.2 (6.6- 7.8)	9.7 (8.2- 11.5)	5.3 (3.6- 7.5)	6.3 (5.2- 7.7)
30-34	13.9 (13.2- 14.7)	13.2 (12.4- 14.0)	19.9 (17.7- 22.4)	10.0 (7.6- 12.9)	10.2 (8.7- 11.9)
35-39	28.1 (27.1- 29.1)	27.0 (26.0- 28.1)	37.9 (34.9- 41.1)	17.9 (14.6- 21.8)	21.6 (19.2- 24.1)
40-44	53.3 (52.0- 54.7)	51.0 (49.5- 52.4)	77.0 (72.7- 81.5)	32.8 (28.1- 38.1)	38.8 (35.4- 42.5)
45-49	93.0 (91.2- 94.9)	88.9 (87.0- 91.0)	132.7 (126.6- 139.1)	64.6 (57.5- 72.3)	63.0 (58.0- 68.2)
50-54	155.8 (153.3- 158.4)	151.9 (149.2- 154.7)	207.9 (199.4- 216.7)	101.7 (92.1- 112.0)	110.5 (103.1- 118.2)
55-59	251.6 (248.0- 255.2)	247.4 (243.5- 251.4)	330.3 (317.6- 343.3)	139.8 (126.2- 154.5)	157.0 (146.7- 167.8)
60-64	386.6 (381.5- 391.6)	385.4 (380.0- 390.9)	465.9 (449.1- 483.1)	200.0 (181.5- 219.9)	249.3 (234.5- 264.8)
65-69	551.4 (545.0- 557.9)	549.6 (542.7- 556.6)	652.5 (631.0- 674.5)	316.2 (290.6- 343.5)	328.6 (309.8- 348.2)
70-74	757.1 (749.4- 764.8)	758.6 (750.4- 766.9)	861.6 (834.5- 889.2)	433.3 (400.3- 468.4)	475.9 (451.0- 501.9)
75-79	962.1 (952.9- 971.3)	966.5 (956.8- 976.4)	1045.2 (1012.1-1079.1)	551.4 (507.4- 598.1)	613.5 (580.2- 648.2)
80-84	1159.0 (1147.2-1170.8)	1161.7 (1149.3-1174.1)	1248.6 (1204.6-1293.7)	759.0 (692.6- 830.1)	784.1 (735.9- 834.7)
85+	1400.3 (1387.2-1413.5)	1406.5 (1392.7-1420.4)	1447.6 (1399.8-1496.7)	915.1 (831.4-1004.9)	1022.8 (964.5-1083.7)

* Rates are per 100,000 persons.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table 1.2.1.1M: Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals for Ages 0-19 by International Classification of Childhood Cancer (ICCC†) Group and Subgroup, and Race and Ethnicity, United States‡

Males, 2001

ICCC Group and Subgroup	All Races	White	Black	Asian/Pacific Islander§	Hispanic§‖
All ICCC Groups Combined	168.8 (164.7-173.0)	178.2 (173.4-183.0)	110.0 (101.6-119.0)	137.6 (120.5-156.4)	174.2 (164.6-184.2)
I Leukemia	45.3 (43.2- 47.5)	48.9 (46.4- 51.5)	21.7 (18.1- 25.9)	44.8 (35.3- 56.1)	55.4 (50.1- 61.1)
I(a) Lymphoid leukemia	34.9 (33.1- 36.9)	38.2 (36.0- 40.5)	15.2 (12.1- 18.7)	33.6 (25.4- 43.5)	42.2 (37.6- 47.3)
Acute lymphocytic leukemia (ALL)	33.4 (31.5- 35.3)	36.5 (34.4- 38.8)	14.5 (11.5- 18.0)	31.2 (23.4- 40.9)	40.4 (35.9- 45.3)
Lymphoid excluding ALL	1.6 (1.2- 2.0)	1.7 (1.2- 2.2)	~	~	~
I(b) Acute non-lymphocytic leukemia	7.7 (6.8- 8.6)	8.0 (7.0- 9.0)	5.0 (3.4- 7.2)	~	8.9 (6.9- 11.4)
I(c) Chronic myeloid leukemia	1.4 (1.0- 1.8)	1.5 (1.1- 2.0)	~	~	~
I(d) Other specified leukemia	~	~	~	~	~
I(e) Unspecified leukemia	1.1 (0.8- 1.5)	1.1 (0.7- 1.5)	~	~	~
II Lymphoma and reticuloendothelial neoplasms	27.3 (25.7- 29.0)	28.7 (26.8- 30.6)	20.5 (16.9- 24.6)	19.5 (13.4- 27.4)	26.8 (23.0- 30.9)
II(a) Hodgkin lymphoma	13.0 (11.9- 14.2)	14.0 (12.7- 15.4)	9.0 (6.7- 11.8)	~	14.4 (11.7- 17.6)
II(b) Non-Hodgkin lymphoma	10.5 (9.5- 11.6)	10.5 (9.4- 11.8)	9.7 (7.3- 12.7)	~	9.2 (7.0- 11.7)
II(c) Burkitt lymphoma	3.2 (2.6- 3.8)	3.6 (3.0- 4.4)	~	~	2.5 (1.5- 4.0)
II(d) Miscellaneous lymphoreticular neoplasms	~	~	~	~	~
II(e) Unspecified lymphoma	~	~	~	~	~
III CNS and misc intracranial and intraspinal neoplasms	27.8 (26.2- 29.5)	29.7 (27.7- 31.7)	17.9 (14.6- 21.7)	19.5 (13.4- 27.4)	26.2 (22.6- 30.2)
III(a) Ependymoma	2.3 (1.8- 2.8)	2.6 (2.1- 3.2)	~	~	2.9 (1.8- 4.4)
III(b) Astrocytoma	13.7 (12.5- 14.9)	14.6 (13.3- 16.0)	8.9 (6.6- 11.7)	~	11.6 (9.2- 14.3)
III(c) Primitive neuroectodermal tumors	6.4 (5.6- 7.2)	6.9 (5.9- 7.9)	4.3 (2.8- 6.4)	~	7.0 (5.2- 9.3)
III(d) Other gliomas	4.4 (3.7- 5.1)	4.4 (3.7- 5.2)	3.3 (2.0- 5.1)	~	3.1 (1.9- 4.7)
III(e) Misc intracranial and intraspinal neoplasms	~	~	~	~	~
III(f) Unspecified intracranial and intraspinal neoplasm	0.9 (0.6- 1.2)	0.9 (0.6- 1.4)	~	~	~
IV Sympathetic nervous system tumors	8.2 (7.3- 9.1)	8.6 (7.6- 9.7)	5.6 (3.9- 7.9)	~	6.1 (4.5- 8.1)
IV(a) Neuroblastoma and ganglioneuroblastoma	7.9 (7.0- 8.8)	8.4 (7.4- 9.5)	5.6 (3.9- 7.9)	~	5.7 (4.2- 7.6)
IV(b) Other sympathetic nervous system tumors	~	~	~	~	~
V Retinoblastoma	3.2 (2.7- 3.8)	3.0 (2.4- 3.6)	4.1 (2.6- 6.1)	~	4.3 (3.0- 6.0)
VI Renal tumors	6.2 (5.4- 7.0)	5.8 (5.0- 6.8)	7.7 (5.6- 10.3)	~	5.1 (3.6- 7.0)
VI(a) Wilms tumor, rhabdoid and clear cell sarcoma	5.6 (4.9- 6.4)	5.5 (4.7- 6.4)	5.7 (3.9- 8.0)	~	4.5 (3.1- 6.3)
VI(b) Renal carcinoma	0.5 (0.3- 0.8)	~	~	~	~
VI(c) Unspecified malignant renal tumors	~	~	~	~	~
VII Hepatic tumors	1.8 (1.4- 2.2)	1.6 (1.2- 2.1)	~	~	~
VII(a) Hepatoblastoma	1.3 (0.9- 1.7)	1.3 (0.9- 1.7)	~	~	~
VII(b) Hepatic carcinoma	0.5 (0.3- 0.8)	~	~	~	~
VII(c) Unspecified malignant hepatic tumors	~	~	~	~	~
VIII Malignant bone tumors	10.4 (9.4- 11.4)	11.0 (9.8- 12.2)	6.7 (4.7- 9.2)	10.0 (5.8- 16.1)	11.0 (8.6- 13.8)
VIII(a) Osteosarcoma	5.4 (4.7- 6.2)	5.4 (4.6- 6.3)	4.8 (3.1- 6.9)	~	6.4 (4.7- 8.7)
VIII(b) Chrondosarcoma	~	~	~	~	~
VIII(c) Ewing sarcoma	4.0 (3.4- 4.7)	4.6 (3.9- 5.4)	~	~	3.3 (2.0- 5.0)
VIII(d) Other specified malignant bone tumors	~	~	~	~	~
VIII(e) Unspecified malignant bone tumors	~	~	~	~	~

continued

Table 1.2.1.1M: Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals for Ages 0-19 by International Classification of Childhood Cancer (ICCC†) Group and Subgroup, and Race and Ethnicity, United States‡ *(continued)*

Males, 2001

ICCC Group and Subgroup	All Races	White	Black	Asian/Pacific Islander§	Hispanic§‖
IX Soft-tissue sarcomas	13.3 (12.1- 14.5)	13.5 (12.2- 14.8)	12.7 (10.0- 16.0)	~	12.7 (10.2- 15.7)
IX(a) Rhabdomyosarcoma and embryonal sarcoma	5.8 (5.0- 6.6)	6.2 (5.3- 7.1)	5.0 (3.4- 7.2)	~	4.1 (2.8- 5.9)
IX(b) Fibrosarcoma, neurofibrosar and oth fibromatous neo	2.6 (2.1- 3.2)	2.5 (2.0- 3.1)	3.3 (2.0- 5.2)	~	4.1 (2.7- 5.9)
IX(c) Kaposi sarcoma	~	~	~	~	~
IX(d) Other specified soft-tissue sarcomas	3.1 (2.5- 3.7)	3.2 (2.6- 3.9)	~	~	2.6 (1.6- 4.2)
IX(d) excluding misclassification from III(c)	2.6 (2.1- 3.2)	2.6 (2.0- 3.2)	~	~	2.4 (1.3- 3.8)
PNET - not in brain/CNS/bone	0.5 (0.3- 0.7)	0.6 (0.4- 0.9)	~	~	~
IX(e) Unspecified soft-tissue sarcomas	1.8 (1.4- 2.3)	1.6 (1.2- 2.2)	~	~	~
X Germ-cell, trophoblastic and other gonadal neoplasms	12.7 (11.6- 13.9)	13.9 (12.6- 15.3)	4.7 (3.1- 6.9)	10.6 (6.3- 16.7)	17.0 (14.1- 20.5)
X(a) Intracranial and intraspinal germ-cell tumors	2.3 (1.8- 2.8)	2.2 (1.7- 2.8)	~	~	3.0 (1.8- 4.6)
X(b) Other and unspecified non-gonadal germ-cell tumors	1.4 (1.0- 1.8)	1.2 (0.8- 1.6)	~	~	~
X(c) Gonadal germ-cell tumors	9.0 (8.0- 10.0)	10.4 (9.2- 11.6)	~	~	11.9 (9.4- 14.8)
X(d) Gonadal carcinomas	~	~	~	~	~
X(e) Other and unspecified malignant gonadal tumors	~	~	~	~	~
XI Carcinomas and other malignant epithelial neoplasms	11.4 (10.4- 12.6)	12.3 (11.0- 13.6)	6.7 (4.7- 9.2)	~	6.5 (4.7- 8.8)
XI(a) Adrenocortical carcinoma	~	~	~	~	~
XI(b) Thyroid carcinoma	2.5 (2.0- 3.0)	2.7 (2.1- 3.4)	~	~	~
XI(c) Nasopharyngeal carcinoma	0.6 (0.4- 0.9)	~	~	~	~
XI(d) Malignant melanoma	4.6 (4.0- 5.4)	5.4 (4.6- 6.3)	~	~	~
XI(e) Skin carcinoma	~	~	~	~	~
XI(f) Other and unspecified carcinomas	3.6 (3.0- 4.2)	3.7 (3.0- 4.4)	3.5 (2.1- 5.4)	~	2.5 (1.4- 4.0)
XII Other and unspecified malignant neoplasms	0.6 (0.4- 0.9)	0.7 (0.4- 1.1)	~	~	~
XII(a) Other specified malignant tumors	~	~	~	~	~
XII(b) Other unspecified malignant tumors	0.4 (0.2- 0.7)	~	~	~	~
Not classified by ICCC	0.6 (0.4- 0.9)	0.6 (0.3- 0.9)	~	~	~

* Rates are per 1,000,000 persons and are age-adjusted to the 2000 U.S. standard population.
† SEER modification of the 1996 International Classification of Childhood Cancer based on ICD-0-2. See technical notes.
‡ Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table 1.2.1.1F: Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals for Ages 0-19 by International Classification of Childhood Cancer (ICCC†) Group and Subgroup, and Race and Ethnicity, United States‡

Females, 2001

ICCC Group and Subgroup	All Races	White	Black	Asian/Pacific Islander§	Hispanic§‖
All ICCC Groups Combined	151.5 (147.6-155.6)	159.1 (154.5-163.8)	105.2 (96.8-114.1)	121.1 (104.8-139.1)	140.2 (131.4-149.5)
I Leukemia	38.4 (36.4- 40.5)	40.9 (38.6- 43.3)	23.3 (19.5- 27.7)	37.7 (28.9- 48.3)	45.0 (40.1- 50.3)
I(a) Lymphoid leukemia	28.7 (27.0- 30.5)	30.7 (28.7- 32.8)	16.0 (12.8- 19.6)	28.5 (20.9- 37.9)	34.1 (29.9- 38.8)
Acute lymphocytic leukemia (ALL)	28.0 (26.3- 29.7)	29.8 (27.8- 31.9)	15.4 (12.3- 19.1)	28.5 (20.9- 37.9)	33.1 (29.0- 37.7)
Lymphoid excluding ALL	0.8 (0.5- 1.1)	0.9 (0.6- 1.3)	~	~	~
I(b) Acute non-lymphocytic leukemia	7.3 (6.5- 8.2)	7.7 (6.7- 8.8)	5.8 (3.9- 8.2)	~	7.9 (5.9- 10.3)
I(c) Chronic myeloid leukemia	1.0 (0.7- 1.4)	0.9 (0.6- 1.4)	~	~	~
I(d) Other specified leukemia	~	~	~	~	~
I(e) Unspecified leukemia	1.1 (0.8- 1.5)	1.2 (0.9- 1.7)	~	~	~
II Lymphoma and reticuloendothelial neoplasms	19.7 (18.2- 21.2)	20.8 (19.1- 22.5)	14.6 (11.6- 18.2)	14.9 (9.5- 22.2)	15.4 (12.4- 18.8)
II(a) Hodgkin lymphoma	11.8 (10.7- 13.0)	13.1 (11.8- 14.4)	6.8 (4.8- 9.4)	~	9.3 (7.0- 12.0)
II(b) Non-Hodgkin lymphoma	6.5 (5.7- 7.4)	6.2 (5.4- 7.2)	6.7 (4.7- 9.3)	~	4.5 (3.0- 6.5)
II(c) Burkitt lymphoma	0.9 (0.6- 1.3)	1.0 (0.7- 1.4)	~	~	~
II(d) Miscellaneous lymphoreticular neoplasms	~	~	~	~	~
II(e) Unspecified lymphoma	~	~	~	~	~
III CNS and misc intracranial and intraspinal neoplasms	25.4 (23.8- 27.1)	26.4 (24.6- 28.4)	18.7 (15.3- 22.6)	20.2 (13.9- 28.4)	21.3 (18.0- 25.1)
III(a) Ependymoma	2.2 (1.8- 2.7)	2.4 (1.9- 3.1)	~	~	2.5 (1.5- 4.0)
III(b) Astrocytoma	13.1 (12.0- 14.4)	13.5 (12.2- 14.9)	9.1 (6.8- 11.9)	12.3 (7.5- 19.0)	9.4 (7.2- 12.0)
III(c) Primitive neuroectodermal tumors	4.5 (3.8- 5.2)	4.8 (4.0- 5.6)	3.7 (2.3- 5.7)	~	4.3 (2.9- 6.2)
III(d) Other gliomas	4.6 (3.9- 5.3)	4.7 (3.9- 5.5)	3.7 (2.3- 5.7)	~	3.9 (2.5- 5.7)
III(e) Misc intracranial and intraspinal neoplasms	~	~	~	~	~
III(f) Unspecified intracranial and intraspinal neoplasm	0.8 (0.5- 1.1)	0.8 (0.5- 1.3)	~	~	~
IV Sympathetic nervous system tumors	8.4 (7.5- 9.4)	9.0 (7.9- 10.2)	5.3 (3.6- 7.6)	~	5.7 (4.2- 7.8)
IV(a) Neuroblastoma and ganglioneuroblastoma	8.3 (7.4- 9.3)	8.9 (7.8- 10.1)	5.3 (3.6- 7.6)	~	5.7 (4.2- 7.8)
IV(b) Other sympathetic nervous system tumors	~	~	~	~	~
V Retinoblastoma	2.8 (2.3- 3.4)	2.9 (2.3- 3.6)	~	~	4.3 (3.0- 6.1)
VI Renal tumors	6.9 (6.0- 7.8)	6.9 (6.0- 8.0)	6.8 (4.8- 9.3)	~	5.4 (3.9- 7.5)
VI(a) Wilms tumor, rhabdoid and clear cell sarcoma	6.2 (5.4- 7.1)	6.4 (5.5- 7.4)	5.7 (3.9- 8.1)	~	4.9 (3.5- 6.9)
VI(b) Renal carcinoma	0.7 (0.4- 1.0)	0.6 (0.3- 0.9)	~	~	~
VI(c) Unspecified malignant renal tumors	~	~	~	~	~
VII Hepatic tumors	1.8 (1.4- 2.3)	1.8 (1.3- 2.4)	~	~	~
VII(a) Hepatoblastoma	1.2 (0.9- 1.6)	1.2 (0.9- 1.7)	~	~	~
VII(b) Hepatic carcinoma	0.6 (0.3- 0.9)	0.6 (0.3- 0.9)	~	~	~
VII(c) Unspecified malignant hepatic tumors	~	~	~	~	~
VIII Malignant bone tumors	7.9 (7.0- 8.8)	7.9 (6.9- 9.0)	6.6 (4.7- 9.1)	~	7.0 (5.1- 9.5)
VIII(a) Osteosarcoma	4.4 (3.7- 5.1)	4.1 (3.4- 4.9)	5.2 (3.5- 7.5)	~	4.4 (2.9- 6.4)
VIII(b) Chrondosarcoma	~	~	~	~	~
VIII(c) Ewing sarcoma	2.8 (2.3- 3.4)	3.2 (2.5- 3.9)	~	~	~
VIII(d) Other specified malignant bone tumors	~	~	~	~	~
VIII(e) Unspecified malignant bone tumors	~	~	~	~	~

continued

Table 1.2.1.1F: Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals for Ages 0-19 by International Classification of Childhood Cancer (ICCC†) Group and Subgroup, and Race and Ethnicity, United States‡ *(continued)*

Females, 2001

ICCC Group and Subgroup	All Races	White	Black	Asian/Pacific Islander§	Hispanic§‖
IX Soft-tissue sarcomas	11.2 (10.1- 12.3)	11.4 (10.2- 12.7)	10.8 (8.2- 13.9)	~	9.4 (7.2- 12.1)
IX(a) Rhabdomyosarcoma and embryonal sarcoma	4.1 (3.4- 4.8)	4.4 (3.6- 5.2)	3.4 (2.0- 5.3)	~	3.2 (2.0- 4.8)
IX(b) Fibrosarcoma, neurofibrosar and oth fibromatous neo	2.5 (2.0- 3.0)	2.3 (1.8- 2.9)	~	~	~
IX(c) Kaposi sarcoma	~	~	~	~	~
IX(d) Other specified soft-tissue sarcomas	3.5 (2.9- 4.2)	3.8 (3.1- 4.6)	3.3 (1.9- 5.2)	~	4.0 (2.6- 6.0)
IX(d) excluding misclassification from III(c)	2.9 (2.4- 3.6)	3.1 (2.5- 3.8)	2.9 (1.7- 4.7)	~	3.1 (1.9- 4.9)
PNET - not in brain/CNS/bone	0.6 (0.4- 0.9)	0.7 (0.4- 1.0)	~	~	~
IX(e) Unspecified soft-tissue sarcomas	1.1 (0.8- 1.5)	1.0 (0.6- 1.4)	~	~	~
X Germ-cell, trophoblastic and other gonadal neoplasms	7.1 (6.3- 8.0)	7.3 (6.3- 8.4)	4.7 (3.1- 7.0)	10.3 (6.0- 16.6)	9.4 (7.2- 12.2)
X(a) Intracranial and intraspinal germ-cell tumors	0.7 (0.5- 1.1)	0.7 (0.5- 1.1)	~	~	~
X(b) Other and unspecified non-gonadal germ-cell tumors	1.6 (1.3- 2.1)	1.6 (1.2- 2.2)	~	~	2.3 (1.3- 3.7)
X(c) Gonadal germ-cell tumors	3.6 (3.0- 4.3)	3.8 (3.1- 4.6)	~	~	5.5 (3.8- 7.7)
X(d) Gonadal carcinomas	0.7 (0.4- 1.0)	0.8 (0.5- 1.2)	~	~	~
X(e) Other and unspecified malignant gonadal tumors	~	~	~	~	~
XI Carcinomas and other malignant epithelial neoplasms	20.5 (19.0- 22.0)	22.2 (20.5- 23.9)	11.2 (8.5- 14.3)	10.9 (6.5- 17.3)	13.2 (10.5- 16.4)
XI(a) Adrenocortical carcinoma	~	~	~	~	~
XI(b) Thyroid carcinoma	8.7 (7.8- 9.8)	9.7 (8.5- 10.9)	2.9 (1.7- 4.7)	~	6.6 (4.7- 9.0)
XI(c) Nasopharyngeal carcinoma	0.6 (0.3- 0.9)	~	~	~	~
XI(d) Malignant melanoma	6.6 (5.8- 7.5)	7.8 (6.9- 8.9)	~	~	~
XI(e) Skin carcinoma	~	~	~	~	~
XI(f) Other and unspecified carcinomas	4.3 (3.6- 5.0)	4.0 (3.3- 4.8)	5.7 (3.9- 8.1)	~	4.7 (3.2- 6.8)
XII Other and unspecified malignant neoplasms	0.9 (0.6- 1.3)	0.9 (0.6- 1.4)	~	~	~
XII(a) Other specified malignant tumors	0.6 (0.4- 0.9)	0.6 (0.4- 1.0)	~	~	~
XII(b) Other unspecified malignant tumors	~	~	~	~	~
Not classified by ICCC	0.7 (0.4- 1.0)	0.7 (0.4- 1.0)	~	~	~

* Rates are per 1,000,000 persons and are age-adjusted to the 2000 U.S. standard population.
† SEER modification of the 1996 International Classification of Childhood Cancer based on ICD-0-2. See technical notes.
‡ Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table 1.2.2.1 : Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by International Classification of Childhood Cancer (ICCC†) Group and Subgroup, and Age, United States‡

All Races, Males and Females, 2001

ICCC Group and Subgroup	Age (years) 0-14	Age (years) 0-19
All ICCC Groups Combined	146.8 (143.7-150.0)	160.4 (157.5-163.3)
I Leukemia	47.0 (45.2- 48.8)	42.0 (40.5- 43.5)
I(a) Lymphoid leukemia	37.4 (35.8- 39.1)	31.9 (30.6- 33.2)
Acute lymphocytic leukemia (ALL)	36.2 (34.6- 37.8)	30.7 (29.5- 32.0)
Lymphoid excluding ALL	1.3 (1.0- 1.6)	1.2 (0.9- 1.5)
I(b) Acute non-lymphocytic leukemia	7.2 (6.5- 7.9)	7.5 (6.9- 8.2)
I(c) Chronic myeloid leukemia	1.1 (0.8- 1.4)	1.2 (1.0- 1.5)
I(d) Other specified leukemia	~	0.2 (0.1- 0.4)
I(e) Unspecified leukemia	1.1 (0.8- 1.4)	1.1 (0.9- 1.4)
II Lymphoma and reticuloendothelial neoplasms	14.8 (13.9- 15.9)	23.6 (22.5- 24.7)
II(a) Hodgkin lymphoma	5.8 (5.2- 6.5)	12.4 (11.6- 13.2)
II(b) Non-Hodgkin lymphoma	6.4 (5.8- 7.1)	8.5 (7.9- 9.2)
II(c) Burkitt lymphoma	2.1 (1.8- 2.6)	2.1 (1.8- 2.4)
II(d) Miscellaneous lymphoreticular neoplasms	~	~
II(e) Unspecified lymphoma	~	0.4 (0.2- 0.5)
III CNS and misc intracranial and intraspinal neoplasms	29.3 (27.9- 30.7)	26.6 (25.5- 27.8)
III(a) Ependymoma	2.6 (2.2- 3.0)	2.2 (1.9- 2.6)
III(b) Astrocytoma	14.4 (13.4- 15.4)	13.4 (12.6- 14.3)
III(c) Primitive neuroectodermal tumors	6.3 (5.6- 7.0)	5.4 (4.9- 6.0)
III(d) Other gliomas	4.8 (4.2- 5.4)	4.5 (4.0- 5.0)
III(e) Misc intracranial and intraspinal neoplasms	0.3 (0.2- 0.5)	0.2 (0.1- 0.4)
III(f) Unspecified intracranial and intraspinal neoplasm	1.0 (0.7- 1.2)	0.8 (0.6- 1.1)
IV Sympathetic nervous system tumors	10.8 (10.0- 11.7)	8.3 (7.6- 8.9)
IV(a) Neuroblastoma and ganglioneuroblastoma	10.7 (9.8- 11.6)	8.1 (7.4- 8.7)
IV(b) Other sympathetic nervous system tumors	~	~
V Retinoblastoma	4.0 (3.5- 4.6)	3.0 (2.6- 3.4)
VI Renal tumors	8.2 (7.5- 9.0)	6.5 (5.9- 7.1)
VI(a) Wilms tumor, rhabdoid and clear cell sarcoma	7.8 (7.1- 8.6)	5.9 (5.3- 6.5)
VI(b) Renal carcinoma	0.4 (0.3- 0.6)	0.6 (0.4- 0.8)
VI(c) Unspecified malignant renal tumors	~	~
VII Hepatic tumors	2.0 (1.7- 2.5)	1.8 (1.5- 2.1)
VII(a) Hepatoblastoma	1.6 (1.3- 2.0)	1.2 (1.0- 1.5)
VII(b) Hepatic carcinoma	0.4 (0.2- 0.6)	0.5 (0.4- 0.7)
VII(c) Unspecified malignant hepatic tumors	~	~
VIII Malignant bone tumors	6.8 (6.1- 7.5)	9.2 (8.5- 9.9)
VIII(a) Osteosarcoma	3.6 (3.2- 4.2)	4.9 (4.4- 5.4)
VIII(b) Chrondosarcoma	~	0.4 (0.2- 0.5)
VIII(c) Ewing sarcoma	2.7 (2.3- 3.2)	3.4 (3.0- 3.9)
VIII(d) Other specified malignant bone tumors	~	0.3 (0.2- 0.4)
VIII(e) Unspecified malignant bone tumors	~	~
IX Soft-tissue sarcomas	10.9 (10.0- 11.8)	12.2 (11.5- 13.1)
IX(a) Rhabdomyosarcoma and embryonal sarcoma	5.1 (4.6- 5.8)	4.9 (4.5- 5.5)
IX(b) Fibrosarcoma, neurofibrosar and oth fibromatous neo	2.1 (1.7- 2.5)	2.5 (2.2- 2.9)
IX(c) Kaposi sarcoma	~	~

continued

Table 1.2.2.1 : Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by International Classification of Childhood Cancer (ICCC†) Group and Subgroup, and Age, United States‡ *(continued)*

All Races, Males and Females, 2001

ICCC Group and Subgroup	Age (years) 0-14	Age (years) 0-19
IX(d) Other specified soft-tissue sarcomas	2.6 (2.1- 3.0)	3.3 (2.9- 3.7)
IX(d) excluding misclassification from III(c)	2.2 (1.8- 2.6)	2.8 (2.4- 3.2)
PNET - not in brain/CNS/bone	0.4 (0.2- 0.6)	0.5 (0.4- 0.7)
IX(e) Unspecified soft-tissue sarcomas	1.1 (0.8- 1.4)	1.4 (1.2- 1.7)
X Germ-cell, trophoblastic and other gonadal neoplasms	4.8 (4.2- 5.4)	10.0 (9.3- 10.8)
X(a) Intracranial and intraspinal germ-cell tumors	1.2 (1.0- 1.6)	1.5 (1.3- 1.8)
X(b) Other and unspecified non-gonadal germ-cell tumors	1.3 (1.0- 1.6)	1.5 (1.2- 1.8)
X(c) Gonadal germ-cell tumors	1.9 (1.6- 2.3)	6.4 (5.8- 7.0)
X(d) Gonadal carcinomas	~	0.4 (0.2- 0.5)
X(e) Other and unspecified malignant gonadal tumors	~	0.2 (0.1- 0.4)
XI Carcinomas and other malignant epithelial neoplasms	6.9 (6.2- 7.6)	15.8 (14.9- 16.8)
XI(a) Adrenocortical carcinoma	0.3 (0.2- 0.5)	0.2 (0.1- 0.4)
XI(b) Thyroid carcinoma	2.3 (1.9- 2.8)	5.5 (5.0- 6.1)
XI(c) Nasopharyngeal carcinoma	0.4 (0.2- 0.5)	0.6 (0.4- 0.8)
XI(d) Malignant melanoma	2.0 (1.7- 2.5)	5.6 (5.0- 6.1)
XI(e) Skin carcinoma	~	~
XI(f) Other and unspecified carcinomas	1.8 (1.5- 2.2)	3.9 (3.5- 4.4)
XII Other and unspecified malignant neoplasms	0.5 (0.3- 0.7)	0.8 (0.6- 1.0)
XII(a) Other specified malignant tumors	0.3 (0.2- 0.5)	0.4 (0.3- 0.6)
XII(b) Other unspecified malignant tumors	~	0.4 (0.3- 0.5)
Not classified by ICCC	0.7 (0.5- 1.0)	0.6 (0.5- 0.8)

* Rates are per 1,000,000 persons and are age-adjusted to the 2000 U.S. standard population.
† SEER modification of the 1996 International Classification of Childhood Cancer based on ICD-O-2. See technical notes.
‡ Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-age category.

Table 1.2.3.1 : Invasive Cancer Incidence Rates* and 95% Confidence Intervals by International Classification of Childhood Cancer (ICCC†) Group and Subgroup, and Age, United States‡

All Races, Males and Females, 2001

ICCC Group and Subgroup	Age (years) <1	1-4	5-9	10-14	15-19
All ICCC Groups Combined	234.2 (218.8-250.3)	204.0 (196.6-211.5)	107.9 (103.2-112.7)	125.7 (120.8-130.8)	200.7 (194.3-207.3)
I Leukemia	39.7 (33.5- 46.7)	87.0 (82.2- 92.0)	35.8 (33.1- 38.6)	29.2 (26.9- 31.8)	27.1 (24.7- 29.5)
I(a) Lymphoid leukemia	18.6 (14.5- 23.6)	74.6 (70.1- 79.2)	30.0 (27.6- 32.6)	20.2 (18.3- 22.3)	15.5 (13.7- 17.4)
Acute lymphocytic leukemia (ALL)	17.6 (13.5- 22.4)	72.5 (68.1- 77.1)	28.8 (26.4- 31.3)	19.5 (17.5- 21.5)	14.6 (12.9- 16.4)
Lymphoid excluding ALL	~	2.1 (1.4- 3.0)	1.2 (0.8- 1.9)	~	0.9 (0.5- 1.4)
I(b) Acute non-lymphocytic leukemia	14.9 (11.2- 19.3)	8.9 (7.4- 10.6)	4.6 (3.7- 5.7)	7.1 (5.9- 8.4)	8.4 (7.1- 9.8)
I(c) Chronic myeloid leukemia	~	1.5 (0.9- 2.3)	~	1.1 (0.7- 1.7)	1.7 (1.1- 2.4)
I(d) Other specified leukemia	~	~	~	~	~
I(e) Unspecified leukemia	~	1.8 (1.1- 2.6)	~	~	1.2 (0.8- 1.9)
II Lymphoma and reticuloendothelial neoplasms	~	7.5 (6.2- 9.1)	13.9 (12.2- 15.7)	23.6 (21.4- 25.8)	49.6 (46.5- 52.9)
II(a) Hodgkin lymphoma	~	1.3 (0.8- 2.0)	4.5 (3.6- 5.5)	11.5 (10.1- 13.2)	32.0 (29.5- 34.7)
II(b) Non-Hodgkin lymphoma	~	3.5 (2.6- 4.6)	6.6 (5.5- 7.9)	9.5 (8.2- 11.0)	14.8 (13.1- 16.6)
II(c) Burkitt lymphoma	~	2.2 (1.5- 3.1)	2.5 (1.9- 3.4)	2.1 (1.5- 2.9)	1.9 (1.3- 2.6)
II(d) Miscellaneous lymphoreticular neoplasms	~	~	~	~	~
II(e) Unspecified lymphoma	~	~	~	~	~
III CNS and misc intracranial and intraspinal neoplasms	30.0 (24.7- 36.1)	35.7 (32.6- 38.9)	30.0 (27.6- 32.6)	23.6 (21.4- 25.8)	18.8 (16.9- 20.9)
III(a) Ependymoma	5.1 (3.1- 8.0)	3.8 (2.9- 5.0)	1.9 (1.4- 2.7)	1.7 (1.2- 2.4)	1.3 (0.8- 1.9)
III(b) Astrocytoma	12.2 (8.9- 16.3)	17.1 (15.0- 19.4)	15.1 (13.4- 17.0)	12.1 (10.6- 13.8)	10.5 (9.1- 12.0)
III(c) Primitive neuroectodermal tumors	7.3 (4.8- 10.6)	9.0 (7.5- 10.7)	6.7 (5.6- 8.0)	3.6 (2.8- 4.5)	3.0 (2.2- 3.8)
III(d) Other gliomas	~	3.7 (2.8- 4.8)	5.6 (4.6- 6.8)	5.2 (4.2- 6.3)	3.5 (2.7- 4.4)
III(e) Misc intracranial and intraspinal neoplasms	~	~	~	~	~
III(f) Unspecified intracranial and intraspinal neoplasm	~	1.9 (1.3- 2.8)	~	~	~
IV Sympathetic nervous system tumors	57.3 (49.8- 65.5)	22.0 (19.7- 24.6)	3.1 (2.4- 4.0)	1.2 (0.8- 1.9)	~
IV(a) Neuroblastoma and ganglioneuroblastoma	56.4 (49.1- 64.6)	21.9 (19.5- 24.5)	3.0 (2.2- 3.8)	1.2 (0.8- 1.8)	~
IV(b) Other sympathetic nervous system tumors	~	~	~	~	~
V Retinoblastoma	26.7 (21.7- 32.6)	8.4 (6.9- 10.0)	~	~	~
VI Renal tumors	17.0 (13.1- 21.8)	19.4 (17.1- 21.8)	4.9 (4.0- 6.1)	1.4 (0.9- 2.0)	1.3 (0.9- 2.0)
VI(a) Wilms tumor, rhabdoid and clear cell sarcoma	15.9 (12.1- 20.6)	19.1 (16.9- 21.6)	4.7 (3.8- 5.8)	~	~
VI(b) Renal carcinoma	~	~	~	~	1.2 (0.7- 1.8)
VI(c) Unspecified malignant renal tumors	~	~	~	~	~
VII Hepatic tumors	10.0 (7.0- 13.8)	3.7 (2.8- 4.8)	~	~	1.0 (0.6- 1.5)
VII(a) Hepatoblastoma	9.5 (6.6- 13.1)	3.5 (2.6- 4.6)	~	~	~
VII(b) Hepatic carcinoma	~	~	~	~	0.9 (0.5- 1.5)
VII(c) Unspecified malignant hepatic tumors	~	~	~	~	~
VIII Malignant bone tumors	~	1.3 (0.8- 2.1)	5.2 (4.2- 6.4)	13.6 (12.0- 15.3)	16.3 (14.5- 18.2)
VIII(a) Osteosarcoma	~	~	2.7 (2.0- 3.6)	7.8 (6.6- 9.1)	8.7 (7.4- 10.1)
VIII(b) Chrondosarcoma	~	~	~	~	1.0 (0.6- 1.5)
VIII(c) Ewing sarcoma	~	~	2.3 (1.6- 3.1)	5.0 (4.1- 6.2)	5.5 (4.5- 6.7)
VIII(d) Other specified malignant bone tumors	~	~	~	~	~
VIII(e) Unspecified malignant bone tumors	~	~	~	~	~

continued

Table 1.2.3.1 : Invasive Cancer Incidence Rates* and 95% Confidence Intervals by International Classification of Childhood Cancer (ICCC†) Group and Subgroup, and Age, United States‡ *(continued)*

All Races, Males and Females, 2001

ICCC Group and Subgroup	Age (years) <1	1-4	5-9	10-14	15-19
IX Soft-tissue sarcomas	17.3 (13.3- 22.1)	12.3 (10.5- 14.2)	7.7 (6.5- 9.1)	11.7 (10.2- 13.3)	16.4 (14.6- 18.3)
IX(a) Rhabdomyosarcoma and embryonal sarcoma	~	9.2 (7.7- 10.9)	4.2 (3.4- 5.3)	3.3 (2.6- 4.3)	4.4 (3.5- 5.5)
IX(b) Fibrosarcoma, neurofibrosar and oth fibromatous neo	7.6 (5.0- 10.9)	~	1.6 (1.0- 2.2)	2.5 (1.8- 3.3)	3.9 (3.1- 4.9)
IX(c) Kaposi sarcoma	~	~	~	~	~
IX(d) Other specified soft-tissue sarcomas	4.9 (2.9- 7.7)	1.6 (1.0- 2.4)	1.6 (1.0- 2.2)	3.8 (3.0- 4.8)	5.5 (4.5- 6.6)
IX(d) excluding misclassification from III(c)	~	1.3 (0.8- 2.0)	1.2 (0.8- 1.9)	3.5 (2.7- 4.4)	4.5 (3.6- 5.6)
PNET - not in brain/CNS/bone	~	~	~	~	1.0 (0.6- 1.5)
IX(e) Unspecified soft-tissue sarcomas	~	~	~	2.0 (1.4- 2.7)	2.5 (1.9- 3.4)
X Germ-cell, trophoblastic and other gonadal neoplasms	17.6 (13.5- 22.4)	3.2 (2.3- 4.3)	1.9 (1.3- 2.6)	6.5 (5.4- 7.7)	25.6 (23.3- 28.0)
X(a) Intracranial and intraspinal germ-cell tumors	~	~	~	2.6 (1.9- 3.4)	2.4 (1.7- 3.2)
X(b) Other and unspecified non-gonadal germ-cell tumors	10.8 (7.7- 14.7)	1.8 (1.1- 2.6)	~	~	2.0 (1.4- 2.8)
X(c) Gonadal germ-cell tumors	4.9 (2.9- 7.7)	1.3 (0.8- 2.0)	0.9 (0.5- 1.5)	2.8 (2.1- 3.7)	19.7 (17.7- 21.8)
X(d) Gonadal carcinomas	~	~	~	~	1.1 (0.7- 1.7)
X(e) Other and unspecified malignant gonadal tumors	~	~	~	~	~
XI Carcinomas and other malignant epithelial neoplasms	8.4 (5.7- 11.9)	1.6 (1.0- 2.4)	3.8 (3.0- 4.8)	13.7 (12.1- 15.4)	42.4 (39.5- 45.5)
XI(a) Adrenocortical carcinoma	~	~	~	~	~
XI(b) Thyroid carcinoma	~	~	1.1 (0.7- 1.7)	5.6 (4.6- 6.7)	15.0 (13.3- 16.8)
XI(c) Nasopharyngeal carcinoma	~	~	~	0.9 (0.6- 1.5)	1.2 (0.8- 1.9)
XI(d) Malignant melanoma	~	~	1.3 (0.8- 1.9)	3.6 (2.8- 4.6)	16.1 (14.3- 18.0)
XI(e) Skin carcinoma	~	~	~	~	~
XI(f) Other and unspecified carcinomas	~	~	1.2 (0.7- 1.8)	3.2 (2.5- 4.1)	10.0 (8.7- 11.6)
XII Other and unspecified malignant neoplasms	~	~	~	~	1.5 (1.0- 2.2)
XII(a) Other specified malignant tumors	~	~	~	~	~
XII(b) Other unspecified malignant tumors	~	~	~	~	~
Not classified by ICCC	5.4 (3.3- 8.3)	~	~	~	~

* Rates are per 1,000,000 persons.
† SEER modification of the 1996 International Classification of Childhood Cancer based on ICD-0-2. See technical notes.
‡ Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-age category.

Table 1.2.4.1M: Childhood Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals for Ages 0-19 by Primary Site and Race and Ethnicity, United States†

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Sites	16.9 (16.5-17.3)	17.8 (17.3-18.3)	11.0 (10.2-11.9)	13.8 (12.0-15.6)	17.4 (16.5-18.4)
Bones and Joints	1.0 (0.9- 1.2)	1.1 (1.0- 1.2)	0.7 (0.5- 1.0)	1.0 (0.6- 1.6)	1.1 (0.9- 1.4)
Brain and Other Nervous System	2.9 (2.7- 3.1)	3.1 (2.9- 3.3)	1.9 (1.6- 2.3)	2.1 (1.4- 2.9)	2.8 (2.4- 3.2)
Hodgkin Lymphoma	1.3 (1.2- 1.4)	1.4 (1.3- 1.5)	0.9 (0.7- 1.2)	~	1.4 (1.2- 1.8)
Kidney and Renal Pelvis	0.6 (0.6- 0.7)	0.6 (0.5- 0.7)	0.8 (0.6- 1.0)	~	0.5 (0.4- 0.7)
Leukemia	4.5 (4.3- 4.8)	4.9 (4.6- 5.1)	2.2 (1.8- 2.6)	4.5 (3.5- 5.6)	5.5 (5.0- 6.1)
Acute Lymphocytic	3.4 (3.2- 3.6)	3.7 (3.5- 4.0)	1.5 (1.2- 1.8)	3.2 (2.4- 4.2)	4.1 (3.7- 4.6)
Acute Myeloid	0.7 (0.6- 0.8)	0.8 (0.7- 0.9)	0.5 (0.3- 0.7)	~	0.9 (0.7- 1.1)
Non-Hodgkin Lymphoma	1.4 (1.3- 1.5)	1.4 (1.3- 1.6)	1.1 (0.9- 1.4)	1.2 (0.7- 1.8)	1.2 (1.0- 1.5)
Soft Tissue	1.0 (0.9- 1.1)	1.0 (0.9- 1.1)	1.0 (0.7- 1.3)	~	0.9 (0.7- 1.1)
Other	4.1 (3.9- 4.3)	4.3 (4.1- 4.5)	2.5 (2.1- 2.9)	3.2 (2.4- 4.2)	4.0 (3.5- 4.5)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table 1.2.4.2M: Childhood Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals for Ages 0-19 by Primary Site and Race and Ethnicity, United States†

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Sites	3.0 (2.8- 3.2)	3.0 (2.8- 3.2)	3.1 (2.7- 3.5)	2.8 (2.1- 3.7)	3.3 (2.9- 3.7)
Bones and Joints	0.3 (0.2- 0.3)	0.3 (0.2- 0.4)	~	~	0.3 (0.2- 0.4)
Brain and Other Nervous System	0.6 (0.6- 0.7)	0.7 (0.6- 0.8)	0.5 (0.4- 0.7)	~	0.6 (0.4- 0.8)
Hodgkin Lymphoma	0.0 (0.0- 0.1)	0.0 (0.0- 0.1)	~	~	~
Kidney and Renal Pelvis	0.1 (0.0- 0.1)	~	~	~	~
Leukemia	1.0 (0.9- 1.1)	1.0 (0.9- 1.1)	1.0 (0.8- 1.3)	1.1 (0.6- 1.7)	1.5 (1.2- 1.8)
Acute Lymphocytic	0.5 (0.4- 0.5)	0.5 (0.4- 0.6)	0.4 (0.3- 0.6)	~	0.8 (0.6- 1.1)
Acute Myeloid	0.3 (0.2- 0.3)	0.3 (0.2- 0.3)	0.3 (0.2- 0.5)	~	0.3 (0.2- 0.5)
Non-Hodgkin Lymphoma	0.2 (0.1- 0.2)	0.2 (0.1- 0.2)	0.2 (0.1- 0.4)	~	~
Soft Tissue	0.2 (0.2- 0.3)	0.2 (0.2- 0.3)	0.3 (0.2- 0.4)	~	0.2 (0.1- 0.4)
Other	0.6 (0.5- 0.7)	0.6 (0.5- 0.7)	0.6 (0.4- 0.8)	~	0.4 (0.3- 0.6)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table 1.2.4.1F: Childhood Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals for Ages 0-19 by Primary Site and Race and Ethnicity, United States†

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Sites	15.2 (14.8-15.6)	15.9 (15.4-16.4)	10.5 (9.7-11.4)	12.1 (10.5-13.9)	14.0 (13.1-14.9)
Bones and Joints	0.8 (0.7- 0.9)	0.8 (0.7- 0.9)	0.7 (0.5- 0.9)	~	0.7 (0.5- 0.9)
Brain and Other Nervous System	2.6 (2.4- 2.8)	2.7 (2.5- 2.9)	1.8 (1.5- 2.2)	2.4 (1.7- 3.3)	2.2 (1.9- 2.6)
Hodgkin Lymphoma	1.2 (1.1- 1.3)	1.3 (1.2- 1.4)	0.7 (0.5- 0.9)	~	0.9 (0.7- 1.2)
Kidney and Renal Pelvis	0.7 (0.6- 0.8)	0.7 (0.6- 0.8)	0.7 (0.5- 1.0)	~	0.6 (0.4- 0.8)
Leukemia	3.8 (3.6- 4.1)	4.1 (3.9- 4.3)	2.3 (1.9- 2.8)	3.8 (2.9- 4.8)	4.5 (4.0- 5.0)
Acute Lymphocytic	2.8 (2.7- 3.0)	3.0 (2.8- 3.2)	1.6 (1.2- 1.9)	2.8 (2.1- 3.8)	3.4 (3.0- 3.8)
Acute Myeloid	0.7 (0.6- 0.7)	0.7 (0.6- 0.8)	0.5 (0.3- 0.8)	~	0.7 (0.5- 0.9)
Non-Hodgkin Lymphoma	0.8 (0.7- 0.9)	0.8 (0.7- 0.9)	0.8 (0.6- 1.1)	~	0.6 (0.4- 0.8)
Soft Tissue	1.0 (0.9- 1.1)	1.0 (0.9- 1.1)	0.8 (0.6- 1.0)	~	0.9 (0.7- 1.1)
Other	4.3 (4.1- 4.5)	4.5 (4.3- 4.8)	2.8 (2.4- 3.3)	3.1 (2.3- 4.1)	3.8 (3.3- 4.3)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table 1.2.4.2F: Childhood Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals for Ages 0-19 by Primary Site and Race and Ethnicity, United States†

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Sites	2.5 (2.4- 2.7)	2.6 (2.4- 2.8)	2.2 (1.8- 2.6)	2.1 (1.5- 2.9)	2.7 (2.4- 3.2)
Bones and Joints	0.2 (0.1- 0.2)	0.2 (0.2- 0.3)	~	~	0.3 (0.2- 0.4)
Brain and Other Nervous System	0.6 (0.6- 0.7)	0.7 (0.6- 0.8)	0.5 (0.4- 0.7)	~	0.6 (0.4- 0.8)
Hodgkin Lymphoma	~	~	~	~	~
Kidney and Renal Pelvis	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	~	~	~
Leukemia	0.8 (0.7- 0.9)	0.9 (0.8- 1.0)	0.6 (0.4- 0.8)	~	1.2 (0.9- 1.5)
Acute Lymphocytic	0.3 (0.3- 0.4)	0.3 (0.3- 0.4)	0.2 (0.1- 0.4)	~	0.6 (0.4- 0.8)
Acute Myeloid	0.3 (0.2- 0.3)	0.3 (0.2- 0.4)	~	~	0.3 (0.2- 0.4)
Non-Hodgkin Lymphoma	0.1 (0.0- 0.1)	0.1 (0.0- 0.1)	~	~	~
Soft Tissue	0.2 (0.1- 0.2)	0.2 (0.1- 0.2)	~	~	~
Other	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	0.5 (0.3- 0.7)	~	0.3 (0.2- 0.5)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table 1.2.5.1: Childhood Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by Primary Site and Age, United States†

All Races, Males and Females, 2001

Primary Site	Age (years) 0-14	Age (years) 0-19
All Sites	14.7 (14.4-15.0)	16.0 (15.8-16.3)
Bones and Joints	0.7 (0.6- 0.8)	0.9 (0.9- 1.0)
Brain and Other Nervous System	3.0 (2.9- 3.2)	2.8 (2.6- 2.9)
Hodgkin Lymphoma	0.6 (0.5- 0.6)	1.2 (1.2- 1.3)
Kidney and Renal Pelvis	0.9 (0.8- 0.9)	0.7 (0.6- 0.7)
Leukemia	4.7 (4.5- 4.9)	4.2 (4.1- 4.3)
Acute Lymphocytic	3.7 (3.5- 3.8)	3.1 (3.0- 3.3)
Acute Myeloid	0.7 (0.6- 0.7)	0.7 (0.6- 0.8)
Non-Hodgkin Lymphoma	0.9 (0.8- 1.0)	1.1 (1.0- 1.2)
Soft Tissue	0.9 (0.9- 1.0)	1.0 (0.9- 1.0)
Other	3.0 (2.9- 3.2)	4.2 (4.0- 4.3)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-age category.

Table 1.2.5.2: Childhood Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by Primary Site and Age, United States†

All Races, Males and Females, 2001

Primary Site	Age (years) 0-14	Age (years) 0-19
All Sites	2.5 (2.3-2.6)	2.8 (2.6-2.9)
Bones and Joints	0.1 (0.1-0.2)	0.2 (0.2-0.3)
Brain and Other Nervous System	0.7 (0.6-0.8)	0.6 (0.6-0.7)
Hodgkin Lymphoma	~	0.0 (0.0-0.1)
Kidney and Renal Pelvis	0.1 (0.1-0.1)	0.1 (0.1-0.1)
Leukemia	0.8 (0.8-0.9)	0.9 (0.8-1.0)
Acute Lymphocytic	0.3 (0.3-0.4)	0.4 (0.3-0.4)
Acute Myeloid	0.3 (0.2-0.3)	0.3 (0.2-0.3)
Non-Hodgkin Lymphoma	0.1 (0.0-0.1)	0.1 (0.1-0.2)
Soft Tissue	0.1 (0.1-0.2)	0.2 (0.2-0.2)
Other	0.5 (0.4-0.6)	0.6 (0.5-0.6)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-age category.

Table 1.2.6.1: Childhood Invasive Cancer Incidence Rates* and 95% Confidence Intervals by Primary Site and Age, United States†

All Races, Males and Females, 2001

Primary Site	Age (years) <1	1-4	5-9	10-14	15-19
All Sites	23.4 (21.9-25.0)	20.4 (19.7-21.2)	10.8 (10.3-11.3)	12.6 (12.1-13.1)	20.1 (19.4-20.7)
Bones and Joints	~	0.1 (0.1- 0.2)	0.5 (0.4- 0.6)	1.4 (1.2- 1.5)	1.6 (1.5- 1.8)
Brain and Other Nervous System	3.4 (2.8- 4.1)	3.6 (3.3- 3.9)	3.0 (2.8- 3.3)	2.5 (2.3- 2.7)	2.0 (1.8- 2.2)
Hodgkin Lymphoma	~	0.1 (0.1- 0.2)	0.4 (0.4- 0.6)	1.2 (1.0- 1.3)	3.2 (2.9- 3.5)
Kidney and Renal Pelvis	1.8 (1.4- 2.3)	2.0 (1.8- 2.3)	0.5 (0.4- 0.6)	0.2 (0.1- 0.2)	0.2 (0.1- 0.2)
Leukemia	4.0 (3.4- 4.7)	8.7 (8.2- 9.2)	3.6 (3.3- 3.9)	2.9 (2.7- 3.2)	2.7 (2.5- 3.0)
Acute Lymphocytic	1.8 (1.4- 2.3)	7.4 (6.9- 7.8)	2.9 (2.7- 3.2)	2.0 (1.8- 2.2)	1.5 (1.3- 1.7)
Acute Myeloid	1.3 (0.9- 1.7)	0.8 (0.7- 1.0)	0.4 (0.3- 0.5)	0.7 (0.6- 0.8)	0.8 (0.7- 0.9)
Non-Hodgkin Lymphoma	~	0.6 (0.5- 0.7)	0.9 (0.8- 1.1)	1.2 (1.1- 1.4)	1.7 (1.6- 1.9)
Soft Tissue	3.0 (2.5- 3.6)	1.2 (1.0- 1.4)	0.5 (0.4- 0.6)	0.9 (0.7- 1.0)	1.1 (0.9- 1.2)
Other	10.8 (9.8-11.9)	4.1 (3.7- 4.4)	1.3 (1.2- 1.5)	2.4 (2.2- 2.7)	7.6 (7.2- 8.0)

* Rates are per 100,000 persons.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-age category.

Table 1.2.6.2: Childhood Cancer Death Rates* and 95% Confidence Intervals by Primary Site and Age, United States†

All Races, Males and Females, 2001

Primary Site	Age (years) <1	1-4	5-9	10-14	15-19
All Sites	1.6 (1.3-2.1)	2.7 (2.5-3.0)	2.4 (2.2-2.7)	2.5 (2.3-2.7)	3.6 (3.4-3.9)
Bones and Joints	~	~	~	0.3 (0.3-0.4)	0.5 (0.4-0.6)
Brain and Other Nervous System	0.4 (0.2-0.6)	0.7 (0.5-0.8)	0.8 (0.7-1.0)	0.6 (0.5-0.7)	0.5 (0.4-0.6)
Hodgkin Lymphoma	~	~	~	~	0.1 (0.1-0.2)
Kidney and Renal Pelvis	~	0.1 (0.1-0.2)	0.1 (0.1-0.2)	~	~
Leukemia	0.6 (0.4-0.9)	1.0 (0.9-1.2)	0.8 (0.6-0.9)	0.8 (0.7-0.9)	1.1 (1.0-1.3)
Acute Lymphocytic	~	0.3 (0.2-0.4)	0.4 (0.3-0.5)	0.4 (0.3-0.5)	0.5 (0.4-0.6)
Acute Myeloid	~	0.5 (0.4-0.6)	0.2 (0.1-0.2)	0.2 (0.2-0.3)	0.3 (0.3-0.4)
Non-Hodgkin Lymphoma	~	~	~	0.1 (0.1-0.2)	0.3 (0.2-0.4)
Soft Tissue	~	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.2 (0.1-0.2)	0.3 (0.2-0.4)
Other	0.4 (0.2-0.7)	0.8 (0.7-1.0)	0.4 (0.3-0.5)	0.3 (0.3-0.4)	0.7 (0.6-0.9)

* Rates are per 100,000 persons.
† Data are from the National Vital Statistics System (NVSS).
~ Rates are suppressed if fewer than 16 cases were reported in the specific site-age category.

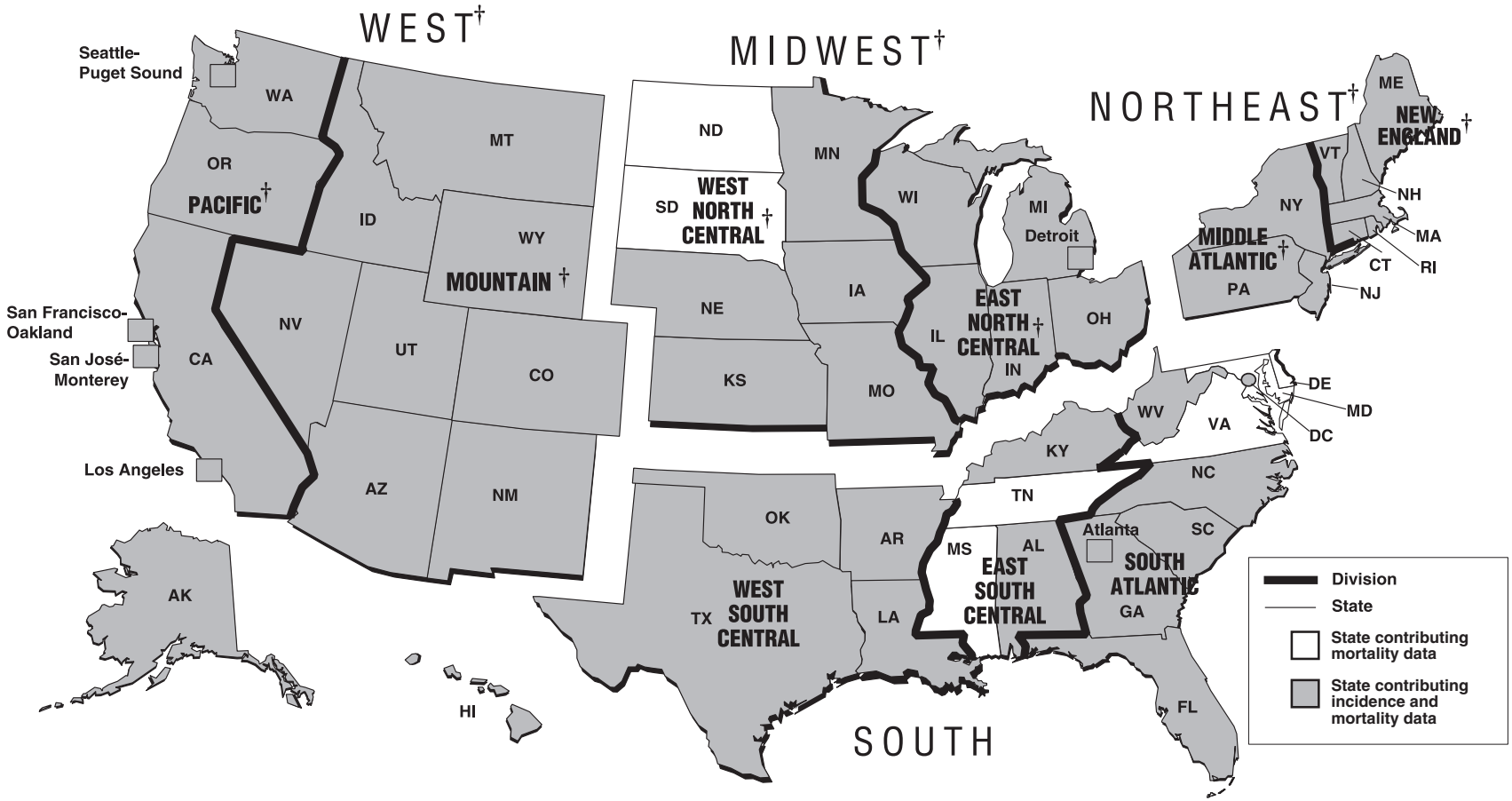
Cancer Incidence and Mortality, by U.S. Census Region and Division, State, and Metropolitan Area

FPO

See attached document

CancerStatisticsDividers_Final

Figure 2: Geographic Areas Contributing Data to *United States Cancer Statistics: 2001 Incidence and Mortality,* by U.S. Census Region and Division



† U.S. Census regions and divisions that met criteria for display of region-specific rates in Table 2 series.

Note: Shaded areas represent statewide and metropolitan cancer registries that met the following data quality criteria for cancer incidence: case ascertainment is at least 90% complete; > 97% of cases pass a standard set of computerized edits; < 5% of cases were ascertained by death certificate only; < 3% of cases are missing information on sex; < 5% of cases are missing information on race; < 3% of cases are missing information on age. See Appendix J for registry-specific data quality information. Incidence data cover approximately 92% of the U.S. population. Mortality data are from the National Vital Statistics Surveillance System and cover 100% of the U.S. population.

Table 2.1.1.1M: All Cancer Sites Combined. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	544.8 (543.5- 546.2)	536.2 (534.8- 537.7)	618.4 (613.1- 623.7)	421.8 (416.8- 426.8)
Northeast	582.8 (579.8- 585.8)	574.7 (571.5- 577.9)	624.7 (613.4- 636.3)	513.3 (499.1- 527.9)
New England	590.7 (584.7- 596.7)	586.1 (580.0- 592.2)	601.0 (567.6- 636.4)	617.2 (573.0- 664.7)
Connecticut	581.1 (569.3- 593.1)	579.0 (566.7- 591.5)	578.1 (528.5- 633.1)	523.3 (458.4- 597.0)
Maine	613.5 (594.3- 633.3)	615.4 (596.0- 635.3)	~	~
Massachusetts	597.4 (588.5- 606.4)	591.6 (582.4- 600.8)	632.0 (582.9- 685.1)	-
New Hampshire	551.0 (531.3- 571.2)	537.3 (517.8- 557.5)	809.1 (438.9-1573.2)	-
Rhode Island	633.4 (611.2- 656.3)	627.4 (604.8- 650.7)	517.1 (401.0- 672.1)	717.4 (570.7- 904.4)
Vermont	528.7 (501.9- 556.6)	530.9 (504.0- 559.1)	~	~
Middle Atlantic	580.1 (576.6- 583.6)	570.3 (566.6- 574.1)	627.3 (615.3- 639.5)	499.7 (484.8- 515.2)
New Jersey	630.3 (622.3- 638.4)	623.1 (614.5- 631.7)	713.4 (685.1- 743.0)	530.7 (500.0- 563.4)
New York	547.4 (542.4- 552.5)	539.1 (533.6- 544.6)	559.5 (544.3- 575.1)	471.5 (453.9- 489.8)
Pennsylvania	593.2 (587.1- 599.3)	577.9 (571.6- 584.2)	713.6 (687.4- 740.6)	-
Midwest	555.6 (552.8- 558.4)	538.9 (536.1- 541.8)	636.5 (625.1- 648.1)	412.5 (393.3- 432.6)
East North Central	562.7 (559.4- 566.1)	543.2 (539.7- 546.7)	642.4 (629.9- 655.1)	413.6 (392.2- 436.2)
Illinois	566.8 (560.2- 573.4)	553.8 (546.8- 560.8)	645.1 (623.6- 667.2)	-
Indiana	550.2 (541.1- 559.4)	541.5 (532.2- 550.9)	629.3 (589.5- 671.5)	423.6 (353.9- 507.2)
Michigan	594.5 (587.2- 602.0)	562.4 (554.8- 570.0)	668.2 (643.9- 693.4)	465.5 (409.2- 529.7)
Detroit	660.6 (648.3- 673.2)	644.1 (630.4- 658.1)	728.9 (699.5- 759.5)	-
Ohio	543.5 (537.0- 550.0)	517.0 (510.4- 523.7)	611.5 (587.7- 636.4)	402.4 (343.3- 472.2)
Wisconsin	552.1 (542.8- 561.5)	545.4 (535.9- 555.0)	669.2 (605.0- 741.2)	474.7 (393.4- 573.4)
West North Central	538.6 (533.6- 543.7)	529.5 (524.4- 534.7)	602.3 (573.9- 632.1)	409.3 (366.8- 456.5)
Iowa	541.5 (529.4- 553.7)	536.3 (524.2- 548.6)	641.5 (518.0- 793.0)	337.8 (230.7- 483.7)
Kansas	532.8 (519.7- 546.0)	520.9 (507.7- 534.4)	614.8 (542.5- 695.1)	376.7 (306.9- 462.2)
Minnesota	569.6 (559.4- 579.9)	555.7 (545.5- 566.1)	660.7 (564.2- 774.8)	444.4 (336.1- 583.1)
Missouri	517.0 (508.2- 525.9)	512.8 (503.6- 522.1)	585.5 (550.7- 622.4)	442.1 (357.4- 548.5)
Nebraska	526.4 (510.4- 542.8)	508.8 (492.8- 525.2)	616.8 (497.7- 761.9)	463.5 (348.1- 615.0)
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	633.3 (601.2- 666.8)	496.7 (447.9- 550.6)	679.6 (637.9- 723.5)	287.8 (173.4- 479.3)
Florida	549.3 (544.5- 554.2)	546.6 (541.5- 551.7)	571.9 (553.6- 590.8)	-
Georgia	570.9 (562.0- 579.9)	548.0 (538.2- 557.9)	687.8 (665.3- 711.0)	337.0 (282.3- 402.1)
Atlanta	572.0 (555.3- 589.3)	557.1 (538.1- 576.9)	669.7 (630.4- 711.3)	423.0 (332.5- 536.2)
Maryland				
North Carolina	533.5 (525.7- 541.5)	519.4 (510.9- 528.1)	611.0 (589.7- 633.0)	324.9 (261.6- 401.9)
South Carolina	552.6 (541.3- 564.0)	528.8 (516.3- 541.6)	618.6 (593.0- 645.3)	-
Virginia				
West Virginia	581.4 (565.7- 597.4)	586.1 (570.2- 602.4)	512.2 (422.0- 617.4)	385.7 (219.9- 684.8)
East South Central				
Alabama	538.5 (528.2- 549.0)	527.8 (516.4- 539.5)	576.9 (552.1- 602.6)	321.7 (233.7- 438.8)
Kentucky	617.6 (605.9- 629.5)	599.6 (587.7- 611.7)	692.8 (639.1- 750.6)	-
Mississippi				
Tennessee				

continued

Table 2.1.1.1M: All Cancer Sites Combined. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	515.9 (511.8- 520.0)	505.9 (501.6- 510.2)	615.0 (601.2- 629.1)	390.5 (380.2- 401.2)
Arkansas	508.6 (496.2- 521.3)	502.1 (489.1- 515.5)	567.9 (526.1- 612.3)	99.6 (50.9- 195.1)
Louisiana	611.2 (599.7- 623.0)	594.3 (581.2- 607.7)	680.2 (654.9- 706.3)	-
Oklahoma	530.0 (518.5- 541.6)	535.3 (523.1- 547.7)	607.5 (551.4- 668.5)	414.1 (328.9- 520.1)
Texas	492.2 (487.2- 497.2)	483.1 (477.9- 488.4)	584.5 (565.7- 603.8)	385.6 (375.1- 396.4)
West	502.7 (500.0- 505.5)	504.2 (501.3- 507.2)	572.2 (556.8- 588.1)	391.4 (383.8- 399.1)
Mountain	487.7 (482.8- 492.7)	484.9 (479.8- 490.0)	504.8 (468.0- 544.7)	394.9 (380.2- 410.2)
Arizona	447.2 (438.7- 455.7)	447.7 (439.0- 456.5)	426.9 (365.3- 498.4)	375.5 (349.9- 403.0)
Colorado	511.6 (500.4- 522.9)	495.1 (483.9- 506.5)	507.1 (442.0- 583.2)	438.7 (404.4- 475.9)
Idaho	521.9 (503.0- 541.4)	522.5 (503.4- 542.2)	~	480.0 (344.3- 662.3)
Montana	548.2 (526.5- 570.5)	529.8 (508.1- 552.2)	~	-
Nevada	536.4 (520.9- 552.4)	538.6 (522.3- 555.4)	567.2 (493.5- 654.5)	-
New Mexico	455.4 (440.6- 470.7)	467.4 (451.8- 483.5)	498.3 (377.5- 653.5)	395.3 (370.2- 421.9)
Utah	480.2 (464.4- 496.4)	483.5 (467.4- 500.0)	704.9 (432.3-1140.2)	469.8 (391.6- 566.3)
Wyoming	516.8 (487.1- 548.1)	519.6 (489.6- 551.3)	~	506.8 (355.8- 711.8)
Pacific	509.1 (505.8- 512.4)	513.5 (509.9- 517.2)	585.3 (568.4- 602.7)	390.3 (381.5- 399.3)
Alaska	529.9 (494.1- 568.6)	519.9 (480.3- 563.1)	629.8 (411.8-1012.0)	-
California	494.9 (491.1- 498.7)	499.0 (494.8- 503.2)	583.8 (566.1- 602.1)	390.7 (381.7- 399.9)
San Francisco-Oakland	499.8 (489.3- 510.4)	515.7 (503.2- 528.5)	546.7 (509.8- 586.1)	449.2 (414.7- 486.2)
San Jose-Monterey	462.3 (448.1- 476.9)	493.9 (477.5- 510.9)	411.2 (321.0- 532.5)	401.3 (364.8- 441.6)
Los Angeles	506.3 (498.7- 514.0)	504.2 (495.5- 513.0)	631.6 (604.2- 660.2)	383.1 (368.7- 398.1)
Hawaii	473.9 (456.6- 491.8)	557.9 (520.8- 597.4)	331.1 (202.1- 531.7)	-
Oregon	541.6 (530.2- 553.2)	534.5 (522.9- 546.3)	590.5 (479.4- 728.4)	418.4 (340.7- 512.7)
Washington	571.7 (562.2- 581.2)	565.6 (555.9- 575.5)	634.7 (562.6- 716.5)	441.9 (382.5- 509.9)
Seattle-Puget Sound	578.8 (567.2- 590.6)	586.4 (574.2- 598.8)	657.2 (577.9- 748.1)	359.1 (285.3- 451.1)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.1.1.1F: All Cancer Sites Combined. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	404.9 (403.9- 406.0)	410.5 (409.3- 411.6)	365.5 (362.2- 368.7)	302.5 (299.0- 305.9)
Northeast	434.3 (432.0- 436.6)	441.1 (438.6- 443.6)	360.1 (353.5- 366.9)	339.6 (330.8- 348.6)
New England	440.1 (435.6- 444.7)	442.9 (438.2- 447.6)	330.2 (310.4- 351.1)	435.9 (406.5- 467.2)
Connecticut	445.8 (436.6- 455.1)	454.0 (444.2- 463.9)	345.9 (315.1- 379.2)	378.8 (335.3- 427.1)
Maine	448.4 (433.7- 463.6)	450.1 (435.3- 465.4)	~	623.9 (355.7-1045.2)
Massachusetts	441.5 (434.8- 448.3)	444.3 (437.3- 451.4)	312.9 (285.7- 342.3)	-
New Hampshire	429.3 (413.9- 445.2)	427.0 (411.5- 443.0)	~	-
Rhode Island	429.5 (413.5- 446.1)	425.9 (409.5- 443.0)	329.9 (255.7- 423.2)	482.9 (388.8- 596.7)
Vermont	412.0 (391.0- 434.0)	412.7 (391.5- 434.9)	~	~
Middle Atlantic	432.4 (429.8- 435.1)	440.6 (437.7- 443.6)	363.3 (356.3- 370.5)	326.5 (317.3- 336.0)
New Jersey	448.6 (442.7- 454.6)	461.5 (454.9- 468.1)	392.7 (376.2- 409.7)	321.1 (302.5- 340.6)
New York	417.3 (413.5- 421.1)	429.4 (425.0- 433.8)	331.6 (322.8- 340.7)	318.0 (307.2- 329.2)
Pennsylvania	444.2 (439.4- 448.9)	442.7 (437.7- 447.7)	421.7 (405.7- 438.1)	-
Midwest	414.0 (411.9- 416.1)	412.8 (410.5- 415.0)	394.5 (387.2- 401.9)	329.7 (315.3- 344.7)
East North Central	416.6 (414.1- 419.2)	415.3 (412.6- 418.0)	397.9 (390.0- 405.9)	326.0 (310.1- 342.8)
Illinois	420.2 (415.3- 425.2)	421.5 (416.2- 426.9)	418.3 (404.6- 432.3)	-
Indiana	413.3 (406.4- 420.2)	412.9 (405.7- 420.2)	399.5 (373.7- 426.8)	336.1 (282.9- 398.5)
Michigan	419.9 (414.5- 425.4)	420.0 (414.2- 426.0)	392.8 (377.5- 408.7)	384.6 (339.7- 434.9)
Detroit	444.4 (435.7- 453.2)	459.2 (449.0- 469.6)	412.5 (394.5- 431.1)	-
Ohio	408.7 (403.8- 413.7)	403.2 (398.0- 408.4)	368.0 (353.0- 383.5)	328.7 (283.2- 380.7)
Wisconsin	423.8 (416.4- 431.2)	422.2 (414.6- 429.8)	446.3 (404.2- 492.3)	360.3 (297.7- 434.9)
West North Central	407.5 (403.6- 411.5)	407.0 (402.9- 411.1)	375.1 (357.0- 393.9)	347.2 (314.5- 383.1)
Iowa	416.5 (406.9- 426.3)	415.6 (405.9- 425.5)	379.2 (297.4- 478.0)	328.8 (240.2- 445.3)
Kansas	403.0 (392.8- 413.4)	403.6 (393.0- 414.4)	338.3 (293.9- 388.0)	289.7 (239.3- 349.9)
Minnesota	419.3 (411.4- 427.2)	414.3 (406.4- 422.4)	376.4 (314.1- 449.7)	385.3 (302.7- 487.6)
Missouri	395.8 (388.9- 402.7)	399.0 (391.7- 406.4)	386.3 (363.9- 409.9)	364.1 (299.4- 440.6)
Nebraska	403.8 (391.1- 416.8)	399.9 (387.0- 413.1)	324.2 (258.5- 403.4)	438.2 (336.1- 568.1)
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	414.1 (392.2- 437.1)	420.8 (379.8- 466.7)	400.4 (374.3- 428.2)	232.7 (155.7- 338.9)
Florida	411.7 (407.8- 415.6)	418.6 (414.4- 422.9)	346.7 (335.2- 358.6)	-
Georgia	385.9 (379.8- 392.0)	399.5 (392.4- 406.8)	351.4 (339.4- 363.7)	344.3 (298.1- 397.3)
Atlanta	393.7 (382.5- 405.1)	412.8 (399.0- 426.9)	370.2 (349.4- 392.1)	349.0 (282.8- 429.4)
Maryland				
North Carolina	376.4 (370.8- 382.2)	385.7 (379.2- 392.2)	344.6 (332.1- 357.5)	306.8 (254.7- 368.5)
South Carolina	374.2 (366.2- 382.2)	383.9 (374.5- 393.5)	341.5 (326.4- 357.1)	-
Virginia				
West Virginia	423.1 (411.2- 435.3)	425.9 (413.7- 438.3)	376.9 (311.3- 453.5)	418.8 (254.8-1113.2)
East South Central				
Alabama	367.8 (360.4- 375.3)	377.1 (368.6- 385.8)	334.0 (319.0- 349.5)	224.3 (160.6- 308.2)
Kentucky	439.8 (431.2- 448.5)	436.3 (427.5- 445.3)	442.8 (407.9- 480.0)	-
Mississippi				
Tennessee				

continued

Table 2.1.1.1F: All Cancer Sites Combined. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	369.5 (366.5- 372.5)	371.1 (367.8- 374.3)	370.1 (361.6- 378.9)	289.0 (281.7- 296.5)
Arkansas	372.2 (362.6- 381.9)	374.8 (364.5- 385.4)	342.1 (316.0- 369.9)	170.6 (110.4- 260.7)
Louisiana	398.4 (390.4- 406.5)	403.3 (393.8- 413.0)	389.3 (374.1- 405.1)	-
Oklahoma	395.0 (386.2- 403.9)	409.3 (399.7- 419.1)	352.6 (317.7- 390.4)	307.8 (250.3- 378.0)
Texas	357.5 (353.8- 361.3)	357.1 (353.1- 361.1)	365.7 (353.8- 377.9)	284.3 (276.8- 291.9)
West	389.9 (387.7- 392.0)	400.1 (397.7- 402.5)	355.8 (345.6- 366.3)	289.6 (284.3- 295.0)
Mountain	382.1 (378.1- 386.1)	385.4 (381.3- 389.6)	326.6 (300.8- 354.1)	288.9 (278.4- 299.8)
Arizona	364.7 (357.7- 371.9)	372.0 (364.6- 379.5)	307.3 (263.0- 357.8)	274.9 (257.3- 293.6)
Colorado	406.4 (397.7- 415.1)	401.6 (392.8- 410.6)	324.6 (278.9- 376.6)	351.1 (325.2- 378.8)
Idaho	392.4 (377.3- 407.9)	394.3 (378.9- 410.0)	~	352.4 (260.7- 473.6)
Montana	415.8 (398.4- 434.0)	409.0 (391.2- 427.4)	~	-
Nevada	430.0 (417.2- 443.0)	437.3 (423.6- 451.2)	390.3 (336.8- 451.0)	-
New Mexico	339.6 (328.0- 351.6)	352.4 (340.0- 365.2)	251.7 (176.1- 351.1)	269.9 (251.8- 289.0)
Utah	348.0 (335.9- 360.5)	353.1 (340.6- 365.8)	~	384.4 (321.9- 458.4)
Wyoming	371.3 (348.1- 395.8)	374.3 (350.7- 399.2)	~	303.2 (205.2- 436.6)
Pacific	393.1 (390.5- 395.7)	407.1 (404.2- 410.0)	360.9 (349.8- 372.4)	290.0 (283.8- 296.3)
Alaska	417.8 (389.8- 447.6)	413.5 (381.8- 447.6)	476.9 (277.9- 787.3)	-
California	379.0 (376.0- 381.9)	395.0 (391.6- 398.3)	363.2 (351.5- 375.2)	286.7 (280.4- 293.1)
San Francisco-Oakland	375.3 (367.4- 383.5)	399.0 (389.0- 409.1)	370.0 (344.4- 397.1)	320.9 (297.6- 345.6)
San Jose-Monterey	374.2 (362.9- 385.6)	401.8 (388.6- 415.4)	259.6 (197.9- 338.1)	317.5 (290.8- 346.3)
Los Angeles	382.0 (376.3- 387.8)	400.3 (393.5- 407.2)	379.4 (362.1- 397.5)	285.1 (275.4- 295.1)
Hawaii	383.0 (368.4- 398.0)	458.2 (425.6- 493.1)	~	-
Oregon	435.8 (426.5- 445.3)	433.1 (423.6- 442.9)	366.3 (285.5- 464.4)	361.5 (304.3- 428.7)
Washington	446.1 (438.7- 453.7)	446.7 (438.8- 454.6)	334.9 (289.3- 386.1)	429.3 (379.6- 484.8)
Seattle-Puget Sound	451.5 (442.4- 460.8)	464.1 (454.3- 474.0)	353.2 (303.9- 409.0)	221.7 (172.6- 282.4)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.1.1.2M: All Cancer Sites Combined. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	243.5 (242.6- 244.4)	238.8 (237.9- 239.8)	332.0 (328.2- 335.8)	167.8 (164.5- 171.2)
Northeast	240.4 (238.4- 242.4)	239.6 (237.5- 241.7)	289.9 (281.6- 298.3)	159.3 (150.9- 168.1)
New England	241.5 (237.6- 245.4)	242.7 (238.7- 246.8)	260.7 (236.8- 286.8)	137.8 (115.9- 163.3)
Connecticut	222.7 (215.3- 230.4)	222.4 (214.8- 230.3)	258.0 (221.1- 301.1)	147.1 (110.2- 194.2)
Maine	263.5 (250.6- 277.0)	262.8 (249.9- 276.3)	~	~
Massachusetts	245.2 (239.3- 251.1)	247.7 (241.7- 253.9)	251.9 (219.4- 288.8)	148.2 (116.2- 187.9)
New Hampshire	239.6 (226.1- 253.7)	240.5 (226.9- 254.7)	~	~
Rhode Island	253.9 (239.7- 268.7)	253.8 (239.3- 268.9)	326.8 (230.7- 464.7)	96.8 (47.2- 195.4)
Vermont	245.2 (226.2- 265.4)	246.7 (227.6- 267.0)	~	~
Middle Atlantic	240.0 (237.7- 242.3)	238.5 (236.0- 241.0)	293.2 (284.4- 302.2)	162.2 (153.2- 171.7)
New Jersey	246.2 (241.1- 251.4)	242.5 (237.1- 248.1)	330.8 (310.2- 352.8)	140.0 (123.7- 158.4)
New York	228.8 (225.4- 232.1)	230.2 (226.5- 233.8)	256.7 (245.7- 268.1)	166.9 (155.7- 178.8)
Pennsylvania	251.2 (247.1- 255.2)	246.2 (242.0- 250.4)	346.7 (327.6- 366.7)	194.9 (159.8- 236.8)
Midwest	251.3 (249.4- 253.2)	245.6 (243.6- 247.5)	350.3 (341.4- 359.5)	148.3 (136.3- 161.4)
East North Central	256.2 (253.9- 258.6)	249.9 (247.5- 252.3)	346.3 (336.7- 356.2)	149.6 (136.0- 164.5)
Illinois	257.8 (253.3- 262.4)	249.6 (244.9- 254.4)	355.4 (338.7- 372.9)	142.8 (125.2- 162.8)
Indiana	272.8 (266.2- 279.5)	269.1 (262.4- 276.0)	354.5 (323.6- 388.0)	175.3 (129.3- 236.3)
Michigan	248.4 (243.5- 253.4)	241.2 (236.1- 246.4)	319.5 (302.0- 338.0)	186.0 (147.5- 233.7)
Ohio	261.7 (257.1- 266.3)	254.7 (250.0- 259.5)	358.3 (339.2- 378.5)	168.9 (130.6- 218.5)
Wisconsin	237.4 (231.1- 243.7)	234.6 (228.3- 241.0)	355.4 (303.6- 415.8)	65.6 (37.8- 113.5)
West North Central	240.5 (237.2- 243.8)	236.6 (233.3- 240.0)	373.3 (349.6- 398.3)	144.0 (118.7- 174.1)
Iowa	232.6 (224.6- 240.7)	231.8 (223.8- 240.0)	374.9 (275.4- 505.2)	152.2 (82.3- 263.6)
Kansas	246.3 (237.3- 255.5)	240.5 (231.4- 249.8)	436.6 (373.0- 508.7)	175.6 (125.9- 242.4)
Minnesota	227.6 (221.1- 234.4)	226.2 (219.6- 233.0)	315.3 (245.3- 404.5)	137.6 (80.8- 227.0)
Missouri	256.4 (250.0- 262.9)	249.5 (243.0- 256.2)	362.2 (333.4- 393.2)	142.5 (94.1- 215.2)
Nebraska	227.6 (217.0- 238.7)	224.7 (214.1- 235.9)	435.6 (328.8- 570.9)	~
North Dakota	237.7 (220.9- 255.4)	236.3 (219.5- 254.2)	~	~
South Dakota	243.9 (228.0- 260.6)	242.3 (226.3- 259.3)	~	~
South	256.7 (255.1- 258.3)	246.5 (244.8- 248.1)	345.3 (340.1- 350.6)	176.9 (171.6- 182.5)
South Atlantic	247.9 (245.8- 249.9)	236.9 (234.8- 239.1)	335.1 (328.3- 342.1)	163.5 (155.8- 171.4)
Delaware	268.0 (250.4- 286.6)	264.5 (245.9- 284.3)	317.8 (260.8- 385.8)	~
District of Columbia	309.2 (286.0- 333.8)	225.8 (191.4- 265.7)	364.9 (333.6- 398.5)	~
Florida	229.1 (226.0- 232.3)	226.5 (223.3- 229.8)	291.7 (277.7- 306.3)	176.7 (168.2- 185.6)
Georgia	263.4 (257.1- 269.8)	246.9 (240.1- 254.0)	343.9 (327.3- 361.2)	79.5 (52.9- 117.8)
Maryland	254.6 (247.6- 261.8)	241.1 (233.5- 249.0)	331.6 (312.2- 352.2)	91.3 (58.7- 137.8)
North Carolina	263.5 (257.8- 269.4)	247.6 (241.5- 253.9)	358.7 (341.6- 376.5)	59.1 (33.6- 99.9)
South Carolina	280.2 (271.8- 288.8)	260.1 (250.9- 269.5)	359.9 (339.6- 381.3)	~
Virginia	250.3 (244.2- 256.5)	236.6 (230.0- 243.3)	342.6 (324.3- 361.9)	151.4 (112.0- 203.2)
West Virginia	267.9 (257.1- 279.1)	268.4 (257.4- 279.8)	286.1 (217.9- 370.3)	~
East South Central	287.6 (283.5- 291.7)	276.3 (272.0- 280.6)	366.5 (354.3- 379.1)	104.8 (74.7- 144.5)
Alabama	281.1 (273.4- 289.0)	262.8 (254.5- 271.4)	366.5 (346.3- 387.8)	~
Kentucky	298.6 (290.2- 307.2)	294.9 (286.3- 303.7)	386.4 (344.1- 433.0)	235.3 (133.3- 402.3)
Mississippi	297.5 (287.3- 308.0)	275.9 (264.5- 287.9)	363.3 (341.2- 386.6)	~
Tennessee	280.1 (273.2- 287.1)	272.0 (264.8- 279.4)	363.2 (339.1- 388.7)	89.3 (46.4- 162.1)
West South Central	256.1 (253.2- 259.1)	247.9 (244.8- 251.0)	354.6 (343.7- 365.8)	190.7 (183.0- 198.7)
Arkansas	271.5 (262.3- 281.0)	264.8 (255.2- 274.8)	339.6 (306.8- 375.0)	~

continued

Table 2.1.1.2M: All Cancer Sites Combined. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	301.3 (292.9- 309.9)	278.2 (269.0- 287.8)	384.5 (364.8- 405.0)	191.5 (141.6- 256.9)
Oklahoma	258.8 (250.7- 267.2)	260.6 (251.9- 269.5)	319.6 (277.3- 367.1)	174.8 (118.3- 254.3)
Texas	242.5 (238.9- 246.3)	236.6 (232.7- 240.4)	341.0 (326.0- 356.5)	192.2 (184.3- 200.4)
West	215.1 (213.3- 217.0)	217.1 (215.1- 219.1)	302.6 (290.6- 315.1)	164.4 (159.1- 169.8)
Mountain	209.0 (205.7- 212.5)	208.6 (205.2- 212.1)	279.1 (249.2- 312.4)	178.8 (168.2- 190.1)
Arizona	202.6 (196.8- 208.5)	203.7 (197.7- 209.8)	243.9 (195.0- 303.4)	187.9 (168.6- 209.2)
Colorado	201.6 (194.3- 209.2)	201.1 (193.6- 208.8)	283.0 (229.0- 349.5)	186.7 (162.6- 214.1)
Idaho	206.3 (194.2- 219.0)	207.2 (194.9- 220.0)	~	101.9 (51.4- 201.5)
Montana	244.8 (230.1- 260.4)	240.2 (225.3- 255.8)	~	~
Nevada	246.8 (235.6- 258.5)	248.1 (236.4- 260.4)	284.6 (228.5- 355.7)	121.6 (90.0- 163.7)
New Mexico	206.7 (196.4- 217.4)	204.9 (194.2- 216.0)	330.3 (222.7- 476.9)	183.8 (166.0- 203.2)
Utah	181.8 (171.8- 192.4)	180.2 (170.0- 190.9)	~	168.6 (115.0- 244.3)
Wyoming	236.7 (215.9- 259.4)	236.1 (215.0- 258.9)	~	~
Pacific	217.8 (215.6- 220.1)	221.3 (218.9- 223.8)	307.0 (293.9- 320.6)	159.1 (153.2- 165.3)
Alaska	231.9 (205.8- 261.3)	205.8 (178.5- 237.1)	370.7 (196.4- 726.1)	~
California	213.8 (211.2- 216.4)	216.5 (213.6- 219.3)	309.3 (295.5- 323.7)	158.9 (152.8- 165.3)
Hawaii	192.5 (181.4- 204.1)	217.2 (193.7- 243.2)	~	304.5 (218.5- 417.3)
Oregon	236.3 (228.7- 244.2)	237.9 (230.1- 245.9)	292.6 (207.0- 409.0)	149.6 (104.9- 211.7)
Washington	233.6 (227.4- 239.9)	234.7 (228.3- 241.2)	300.5 (249.4- 362.0)	133.6 (101.6- 174.6)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.1.1.2F: All Cancer Sites Combined. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	164.1 (163.5- 164.7)	163.2 (162.6- 163.9)	191.7 (189.5- 193.9)	108.6 (106.4- 110.7)
Northeast	168.5 (167.1- 169.8)	169.5 (168.0- 171.0)	180.7 (175.9- 185.6)	100.5 (95.5- 105.7)
New England	168.2 (165.5- 170.9)	169.5 (166.7- 172.4)	164.3 (149.9- 179.9)	93.7 (79.5- 109.9)
Connecticut	165.2 (159.8- 170.8)	166.4 (160.8- 172.3)	167.5 (145.5- 192.2)	82.8 (62.8- 107.9)
Maine	170.0 (161.2- 179.2)	169.8 (161.0- 179.0)	~	~
Massachusetts	170.8 (166.7- 174.9)	172.7 (168.5- 177.0)	167.4 (146.8- 190.2)	98.5 (77.3- 124.3)
New Hampshire	164.7 (155.3- 174.6)	165.4 (155.9- 175.4)	~	~
Rhode Island	167.4 (157.7- 177.6)	169.2 (159.3- 179.8)	126.6 (81.9- 191.5)	102.4 (58.5- 169.5)
Vermont	164.6 (151.6- 178.6)	165.4 (152.3- 179.5)	~	~
Middle Atlantic	168.5 (166.9- 170.2)	169.5 (167.7- 171.3)	182.6 (177.6- 187.8)	101.6 (96.2- 107.2)
New Jersey	176.4 (172.8- 180.1)	178.0 (174.0- 182.0)	190.7 (179.0- 202.9)	97.4 (86.8- 109.1)
New York	162.5 (160.1- 164.8)	165.5 (162.9- 168.2)	167.2 (160.8- 173.7)	101.6 (95.3- 108.3)
Pennsylvania	172.2 (169.4- 175.1)	169.7 (166.8- 172.7)	214.1 (202.7- 225.9)	116.1 (94.3- 142.1)
Midwest	167.0 (165.7- 168.3)	164.6 (163.2- 165.9)	206.6 (201.3- 212.1)	94.4 (86.2- 103.2)
East North Central	169.5 (167.9- 171.1)	166.8 (165.1- 168.4)	207.2 (201.4- 213.1)	87.4 (78.8- 96.9)
Illinois	170.7 (167.6- 173.8)	166.8 (163.5- 170.1)	218.8 (208.8- 229.2)	95.7 (83.9- 108.9)
Indiana	172.5 (168.1- 176.9)	170.4 (165.9- 174.9)	215.0 (195.9- 235.5)	75.0 (49.9- 110.4)
Michigan	167.3 (163.9- 170.7)	164.2 (160.6- 167.8)	194.6 (183.7- 206.0)	86.1 (65.1- 112.9)
Ohio	172.8 (169.7- 176.0)	170.6 (167.3- 173.9)	204.7 (193.4- 216.4)	75.9 (53.3- 105.6)
Wisconsin	159.6 (155.2- 164.1)	159.0 (154.5- 163.6)	188.8 (160.2- 221.5)	51.3 (28.4- 88.2)
West North Central	161.4 (159.0- 163.7)	159.8 (157.4- 162.2)	203.2 (189.7- 217.4)	120.3 (99.7- 144.4)
Iowa	159.5 (153.8- 165.4)	159.0 (153.2- 164.9)	207.2 (147.4- 284.6)	~
Kansas	158.0 (151.8- 164.3)	156.8 (150.5- 163.4)	196.1 (162.2- 235.3)	109.9 (75.6- 155.9)
Minnesota	154.1 (149.4- 158.8)	153.9 (149.2- 158.8)	178.2 (133.7- 234.8)	~
Missouri	174.4 (170.0- 179.0)	172.2 (167.6- 176.9)	209.1 (192.5- 226.8)	183.3 (134.5- 245.3)
Nebraska	156.1 (148.5- 164.1)	154.4 (146.7- 162.4)	196.6 (144.1- 263.4)	131.6 (73.4- 222.4)
North Dakota	154.5 (142.4- 167.5)	151.4 (139.2- 164.5)	~	~
South Dakota	147.2 (136.2- 158.9)	143.7 (132.6- 155.6)	~	~
South	164.3 (163.3- 165.4)	160.9 (159.8- 162.1)	190.2 (187.2- 193.2)	109.8 (106.3- 113.3)
South Atlantic	162.9 (161.5- 164.3)	159.8 (158.3- 161.4)	182.6 (178.8- 186.5)	96.7 (91.9- 101.7)
Delaware	186.9 (174.6- 199.8)	182.4 (169.3- 196.3)	216.4 (180.9- 257.1)	~
District of Columbia	191.3 (176.7- 207.0)	157.5 (133.0- 186.9)	210.3 (191.8- 230.5)	~
Florida	154.4 (152.1- 156.7)	154.2 (151.8- 156.7)	164.9 (156.8- 173.4)	102.8 (97.4- 108.4)
Georgia	164.1 (160.1- 168.1)	161.1 (156.6- 165.7)	175.6 (167.0- 184.6)	69.5 (47.6- 99.2)
Maryland	173.0 (168.3- 177.9)	169.0 (163.6- 174.6)	195.1 (184.1- 206.6)	53.0 (34.9- 78.0)
North Carolina	164.4 (160.7- 168.2)	159.5 (155.5- 163.7)	186.2 (177.0- 195.8)	41.7 (22.5- 72.5)
South Carolina	159.8 (154.7- 165.0)	155.5 (149.7- 161.6)	170.4 (159.8- 181.6)	~
Virginia	169.3 (165.2- 173.5)	165.6 (161.1- 170.2)	197.1 (186.3- 208.3)	89.0 (66.4- 117.9)
West Virginia	184.9 (177.3- 192.8)	184.1 (176.4- 192.1)	239.4 (188.9- 300.6)	~
East South Central	171.1 (168.5- 173.7)	166.2 (163.5- 169.0)	199.5 (192.4- 206.7)	97.1 (73.1- 127.1)
Alabama	169.1 (164.2- 174.2)	163.8 (158.4- 169.5)	190.7 (179.4- 202.5)	~
Kentucky	181.5 (176.1- 187.1)	180.2 (174.7- 185.9)	213.6 (189.4- 240.1)	219.2 (141.5- 326.7)
Mississippi	163.1 (156.9- 169.5)	153.1 (145.9- 160.5)	187.3 (174.8- 200.6)	~
Tennessee	169.2 (164.7- 173.7)	162.5 (157.8- 167.2)	221.1 (206.8- 236.3)	85.3 (49.7- 140.0)
West South Central	162.9 (160.9- 164.9)	159.6 (157.5- 161.7)	202.1 (195.7- 208.7)	121.3 (116.3- 126.5)
Arkansas	165.2 (159.1- 171.6)	163.3 (156.8- 170.1)	186.7 (167.5- 207.5)	~

continued

Table 2.1.1.2F: All Cancer Sites Combined. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	179.9 (174.6- 185.3)	172.9 (166.9- 179.2)	202.9 (191.8- 214.5)	88.8 (63.0- 122.0)
Oklahoma	170.0 (164.4- 175.8)	171.6 (165.5- 177.8)	201.1 (174.8- 230.5)	89.1 (55.9- 137.5)
Texas	157.4 (154.9- 159.8)	154.3 (151.7- 157.0)	205.3 (196.3- 214.7)	123.2 (118.0- 128.5)
West	155.7 (154.3- 157.1)	159.0 (157.6- 160.5)	193.7 (186.0- 201.7)	112.7 (109.2- 116.3)
Mountain	149.9 (147.4- 152.4)	150.0 (147.5- 152.6)	194.5 (174.2- 216.8)	118.8 (111.6- 126.3)
Arizona	151.3 (146.8- 155.8)	151.6 (147.0- 156.3)	186.9 (151.8- 228.3)	122.6 (109.9- 136.4)
Colorado	151.0 (145.7- 156.4)	151.1 (145.6- 156.7)	195.3 (159.0- 238.1)	127.1 (110.9- 145.3)
Idaho	146.7 (137.7- 156.3)	146.1 (136.9- 155.7)	~	~
Montana	165.9 (155.2- 177.3)	164.6 (153.7- 176.2)	~	~
Nevada	176.6 (168.4- 185.2)	179.3 (170.5- 188.4)	224.0 (182.7- 273.0)	66.9 (48.3- 91.7)
New Mexico	138.4 (131.0- 146.0)	138.8 (131.2- 146.9)	173.7 (110.7- 261.3)	122.3 (109.9- 135.9)
Utah	117.2 (110.2- 124.5)	117.2 (110.1- 124.6)	~	103.2 (68.0- 152.0)
Wyoming	162.5 (147.4- 178.8)	163.0 (147.8- 179.6)	~	~
Pacific	158.1 (156.5- 159.8)	163.3 (161.5- 165.2)	193.8 (185.5- 202.3)	110.6 (106.6- 114.7)
Alaska	168.0 (149.0- 189.0)	171.1 (149.2- 195.7)	~	~
California	156.7 (154.8- 158.6)	161.4 (159.3- 163.5)	196.9 (188.2- 205.9)	110.8 (106.7- 115.0)
Hawaii	126.6 (118.4- 135.2)	154.3 (135.8- 175.1)	~	207.5 (143.7- 292.7)
Oregon	169.1 (163.4- 174.9)	170.9 (165.1- 176.9)	146.8 (96.3- 215.6)	72.4 (46.3- 110.1)
Washington	166.2 (161.7- 170.8)	168.6 (163.9- 173.5)	177.1 (143.4- 216.7)	99.2 (74.7- 130.3)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.2.1.1M: Cancer of the Oral Cavity and Pharynx. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	15.3 (15.1- 15.5)	15.0 (14.8- 15.3)	17.3 (16.5- 18.2)	11.3 (10.5- 12.1)
Northeast	14.4 (13.9- 14.9)	14.0 (13.5- 14.5)	17.2 (15.4- 19.1)	16.0 (13.7- 18.7)
New England	14.5 (13.6- 15.5)	14.7 (13.7- 15.6)	11.0 (7.1- 17.3)	17.1 (10.8- 27.1)
Connecticut	13.4 (11.6- 15.3)	13.7 (11.9- 15.7)	~	~
Maine	17.8 (14.7- 21.4)	17.9 (14.8- 21.5)	~	~
Massachusetts	14.8 (13.5- 16.3)	14.8 (13.4- 16.3)	13.6 (7.6- 24.4)	-
New Hampshire	14.3 (11.3- 17.9)	14.5 (11.5- 18.2)	~	-
Rhode Island	11.8 (9.0- 15.3)	12.2 (9.3- 15.9)	~	~
Vermont	16.1 (11.8- 21.6)	15.6 (11.4- 21.1)	~	~
Middle Atlantic	14.4 (13.8- 14.9)	13.7 (13.2- 14.3)	17.9 (16.1- 20.0)	15.9 (13.5- 18.8)
New Jersey	14.3 (13.1- 15.6)	13.7 (12.5- 15.0)	19.3 (15.3- 24.5)	10.9 (7.3- 16.6)
New York	14.0 (13.2- 14.8)	13.3 (12.5- 14.2)	15.3 (13.0- 17.9)	17.7 (14.6- 21.6)
Pennsylvania	14.9 (13.9- 15.9)	14.3 (13.3- 15.3)	22.9 (18.5- 28.3)	-
Midwest	15.2 (14.8- 15.7)	14.7 (14.2- 15.2)	17.8 (16.1- 19.8)	10.9 (8.0- 14.8)
East North Central	15.0 (14.5- 15.6)	14.3 (13.8- 14.9)	18.4 (16.5- 20.5)	9.2 (6.5- 13.3)
Illinois	15.8 (14.8- 16.9)	15.4 (14.3- 16.6)	18.1 (15.0- 22.0)	-
Indiana	15.9 (14.5- 17.5)	15.5 (14.0- 17.1)	19.7 (13.8- 28.2)	~
Michigan	15.3 (14.1- 16.5)	13.9 (12.8- 15.2)	21.5 (17.5- 26.4)	~
Detroit	18.7 (16.7- 20.9)	17.0 (14.9- 19.4)	26.1 (21.0- 32.4)	-
Ohio	13.3 (12.3- 14.3)	12.6 (11.6- 13.7)	15.0 (11.7- 19.2)	~
Wisconsin	15.7 (14.2- 17.4)	15.3 (13.8- 17.0)	18.3 (10.5- 35.7)	~
West North Central	15.7 (14.8- 16.5)	15.4 (14.6- 16.3)	14.9 (11.1- 20.1)	17.5 (9.2- 31.6)
Iowa	16.4 (14.4- 18.7)	16.4 (14.4- 18.7)	~	~
Kansas	16.1 (14.0- 18.6)	15.7 (13.5- 18.2)	~	~
Minnesota	15.7 (14.0- 17.4)	15.1 (13.5- 16.9)	~	~
Missouri	14.8 (13.4- 16.4)	14.8 (13.3- 16.4)	13.2 (8.7- 19.9)	~
Nebraska	16.3 (13.6- 19.4)	15.9 (13.2- 19.0)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	19.0 (13.9- 25.6)	~	25.4 (18.1- 35.3)	~
Florida	18.7 (17.8- 19.7)	19.2 (18.2- 20.2)	14.6 (12.0- 17.8)	-
Georgia	16.6 (15.2- 18.2)	16.1 (14.6- 17.9)	18.5 (15.3- 22.5)	~
Atlanta	14.5 (12.1- 17.4)	14.4 (11.5- 17.9)	15.1 (10.4- 22.3)	~
Maryland				
North Carolina	16.0 (14.7- 17.4)	14.6 (13.2- 16.1)	22.0 (18.5- 26.2)	~
South Carolina	18.2 (16.2- 20.3)	16.2 (14.1- 18.6)	25.0 (20.5- 30.5)	-
Virginia				
West Virginia	17.1 (14.5- 20.1)	17.4 (14.7- 20.5)	~	~
East South Central				
Alabama	17.5 (15.7- 19.4)	17.4 (15.4- 19.6)	17.8 (13.9- 22.6)	~
Kentucky	16.4 (14.6- 18.4)	16.3 (14.4- 18.3)	~	-
Mississippi				
Tennessee				

continued

Table 2.2.1.1M: Cancer of the Oral Cavity and Pharynx. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	15.8 (15.1- 16.5)	15.7 (15.0- 16.5)	15.9 (13.9- 18.2)	9.5 (8.0- 11.3)
Arkansas	15.0 (13.0- 17.3)	15.0 (12.8- 17.4)	16.4 (10.3- 25.2)	~
Louisiana	19.1 (17.1- 21.2)	19.5 (17.2- 22.0)	18.3 (14.5- 22.9)	-
Oklahoma	18.7 (16.7- 21.0)	19.1 (16.9- 21.5)	~	~
Texas	14.6 (13.8- 15.5)	14.6 (13.7- 15.5)	14.6 (12.0- 17.7)	8.9 (7.4- 10.6)
West	14.3 (13.8- 14.7)	14.6 (14.1- 15.1)	13.8 (11.6- 16.4)	9.0 (8.0- 10.2)
Mountain	13.2 (12.4- 14.0)	13.1 (12.3- 14.0)	11.8 (6.7- 20.8)	8.7 (6.6- 11.4)
Arizona	11.4 (10.1- 12.8)	11.7 (10.4- 13.3)	~	7.9 (4.4- 13.9)
Colorado	12.0 (10.4- 13.9)	11.8 (10.1- 13.6)	~	11.7 (6.6- 20.3)
Idaho	17.4 (14.1- 21.2)	17.4 (14.1- 21.3)	~	~
Montana	15.9 (12.5- 20.2)	15.4 (11.9- 19.6)	~	-
Nevada	17.4 (14.8- 20.5)	17.1 (14.4- 20.3)	~	-
New Mexico	13.3 (10.9- 16.2)	13.0 (10.5- 16.0)	~	8.1 (4.8- 13.1)
Utah	11.9 (9.6- 14.6)	11.7 (9.4- 14.5)	~	~
Wyoming	11.3 (7.3- 17.0)	11.5 (7.4- 17.4)	~	~
Pacific	14.7 (14.2- 15.3)	15.2 (14.6- 15.9)	14.3 (11.9- 17.2)	9.1 (7.9- 10.5)
Alaska	11.3 (7.4- 18.6)	12.7 (8.0- 21.7)	~	-
California	14.3 (13.7- 15.0)	14.9 (14.2- 15.6)	14.4 (12.0- 17.5)	9.0 (7.8- 10.5)
San Francisco-Oakland	13.8 (12.2- 15.6)	14.3 (12.3- 16.5)	14.3 (9.1- 22.1)	~
San Jose-Monterey	13.5 (11.2- 16.2)	14.6 (12.0- 17.8)	~	~
Los Angeles	13.5 (12.3- 14.7)	14.1 (12.7- 15.7)	15.3 (11.5- 20.3)	9.0 (7.1- 11.4)
Hawaii	13.9 (11.1- 17.3)	22.0 (15.2- 31.4)	~	-
Oregon	16.1 (14.2- 18.2)	16.2 (14.2- 18.3)	~	~
Washington	16.4 (14.8- 18.0)	16.1 (14.5- 17.8)	~	~
Seattle-Puget Sound	15.6 (13.8- 17.5)	15.8 (13.9- 17.9)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.2.1.1F: Cancer of the Oral Cavity and Pharynx. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	6.0 (5.9- 6.2)	6.0 (5.9- 6.1)	5.4 (5.1- 5.8)	4.0 (3.6- 4.5)
Northeast	6.1 (5.8- 6.3)	6.0 (5.7- 6.3)	4.8 (4.1- 5.6)	4.9 (3.9- 6.2)
New England	6.6 (6.0- 7.1)	6.4 (5.8- 7.0)	6.7 (4.1- 10.3)	8.4 (4.7- 14.3)
Connecticut	6.2 (5.2- 7.4)	6.2 (5.1- 7.4)	~	~
Maine	8.4 (6.5- 10.9)	8.4 (6.4- 10.8)	~	~
Massachusetts	6.6 (5.8- 7.5)	6.4 (5.5- 7.3)	~	-
New Hampshire	5.6 (3.9- 7.7)	5.7 (4.0- 7.9)	~	-
Rhode Island	7.1 (5.2- 9.6)	6.4 (4.5- 8.9)	~	~
Vermont	4.8 (2.8- 8.1)	4.6 (2.6- 7.8)	~	~
Middle Atlantic	5.9 (5.6- 6.2)	5.8 (5.5- 6.1)	4.6 (3.9- 5.5)	4.5 (3.4- 5.8)
New Jersey	6.0 (5.3- 6.7)	5.9 (5.2- 6.7)	4.3 (2.8- 6.5)	~
New York	6.0 (5.6- 6.5)	6.0 (5.5- 6.5)	4.2 (3.3- 5.4)	4.8 (3.5- 6.4)
Pennsylvania	5.7 (5.1- 6.2)	5.5 (5.0- 6.1)	6.1 (4.3- 8.3)	-
Midwest	5.9 (5.7- 6.2)	5.8 (5.6- 6.1)	5.1 (4.3- 6.0)	5.0 (3.3- 7.6)
East North Central	5.8 (5.6- 6.2)	5.7 (5.4- 6.0)	5.5 (4.6- 6.5)	4.9 (3.0- 7.7)
Illinois	5.6 (5.0- 6.2)	5.4 (4.8- 6.1)	5.7 (4.3- 7.6)	-
Indiana	5.4 (4.6- 6.2)	5.3 (4.5- 6.2)	~	~
Michigan	6.5 (5.9- 7.3)	6.5 (5.8- 7.2)	5.7 (4.0- 7.9)	~
Detroit	8.0 (6.8- 9.2)	8.6 (7.2- 10.1)	5.9 (4.0- 8.5)	-
Ohio	5.3 (4.8- 5.9)	5.1 (4.5- 5.7)	4.7 (3.1- 6.8)	~
Wisconsin	6.9 (6.0- 7.9)	6.7 (5.8- 7.8)	~	~
West North Central	6.1 (5.6- 6.6)	6.1 (5.6- 6.6)	~	~
Iowa	6.6 (5.4- 7.9)	6.7 (5.5- 8.1)	~	~
Kansas	4.8 (3.7- 6.1)	4.8 (3.7- 6.1)	~	~
Minnesota	6.6 (5.7- 7.7)	6.3 (5.4- 7.4)	~	~
Missouri	5.6 (4.8- 6.5)	6.0 (5.1- 7.0)	~	~
Nebraska	7.0 (5.5- 9.0)	6.9 (5.3- 8.8)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	5.5 (3.2- 9.1)	~	~	~
Florida	7.1 (6.6- 7.6)	7.1 (6.6- 7.7)	6.3 (4.9- 8.1)	-
Georgia	7.0 (6.2- 7.8)	6.7 (5.8- 7.7)	7.7 (6.0- 9.7)	~
Atlanta	6.5 (5.2- 8.1)	5.5 (4.0- 7.3)	9.0 (6.2- 13.0)	~
Maryland				
North Carolina	5.9 (5.2- 6.7)	5.8 (5.0- 6.7)	5.8 (4.3- 7.6)	~
South Carolina	5.3 (4.4- 6.4)	5.7 (4.6- 7.0)	4.2 (2.7- 6.3)	-
Virginia				
West Virginia	3.7 (2.7- 5.1)	3.7 (2.6- 5.1)	~	~
East South Central				
Alabama	7.1 (6.1- 8.2)	7.4 (6.3- 8.7)	5.6 (3.8- 8.0)	~
Kentucky	6.1 (5.2- 7.3)	6.0 (5.0- 7.1)	~	-
Mississippi				
Tennessee				

continued

Table 2.2.1.1F: Cancer of the Oral Cavity and Pharynx. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	5.8 (5.4- 6.2)	5.8 (5.4- 6.2)	5.4 (4.4- 6.5)	3.7 (2.9- 4.6)
Arkansas	6.3 (5.1- 7.7)	6.5 (5.2- 8.0)	~	~
Louisiana	5.9 (4.9- 6.9)	6.0 (4.9- 7.3)	4.6 (3.1- 6.7)	-
Oklahoma	6.4 (5.4- 7.7)	6.6 (5.4- 8.0)	~	~
Texas	5.6 (5.1- 6.0)	5.5 (5.0- 6.0)	6.0 (4.6- 7.7)	3.6 (2.8- 4.5)
West	5.9 (5.7- 6.2)	5.9 (5.6- 6.2)	5.8 (4.6- 7.3)	3.5 (3.0- 4.2)
Mountain	5.4 (4.9- 5.9)	5.5 (5.0- 6.0)	~	3.3 (2.3- 4.7)
Arizona	4.3 (3.5- 5.1)	4.4 (3.6- 5.3)	~	~
Colorado	5.9 (4.9- 7.0)	5.8 (4.8- 7.0)	~	~
Idaho	6.3 (4.5- 8.6)	6.5 (4.7- 8.9)	~	~
Montana	5.4 (3.6- 7.9)	5.6 (3.7- 8.3)	~	-
Nevada	6.7 (5.2- 8.5)	7.0 (5.4- 9.0)	~	-
New Mexico	5.7 (4.3- 7.4)	5.8 (4.3- 7.7)	~	~
Utah	6.0 (4.5- 7.9)	6.0 (4.5- 7.9)	~	~
Wyoming	~	~	~	~
Pacific	6.1 (5.8- 6.5)	6.1 (5.8- 6.5)	6.1 (4.8- 7.7)	3.6 (2.9- 4.4)
Alaska	7.3 (4.2- 12.6)	~	~	-
California	5.9 (5.5- 6.3)	6.0 (5.5- 6.4)	5.8 (4.5- 7.5)	3.6 (2.9- 4.4)
San Francisco-Oakland	6.3 (5.3- 7.5)	6.2 (5.0- 7.6)	~	~
San Jose-Monterey	4.7 (3.5- 6.2)	5.2 (3.8- 7.0)	~	~
Los Angeles	5.9 (5.2- 6.7)	5.9 (5.1- 6.8)	5.6 (3.8- 8.2)	4.0 (2.9- 5.4)
Hawaii	6.1 (4.4- 8.3)	10.4 (6.0- 17.6)	~	-
Oregon	7.2 (6.1- 8.6)	6.8 (5.7- 8.1)	~	~
Washington	6.6 (5.7- 7.6)	6.3 (5.4- 7.4)	~	~
Seattle-Puget Sound	6.7 (5.7- 8.0)	6.7 (5.6- 8.0)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.2.1.2M: Cancer of the Oral Cavity and Pharynx. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	4.1 (4.0- 4.2)	3.9 (3.7- 4.0)	6.7 (6.2- 7.2)	2.8 (2.4- 3.3)
Northeast	4.1 (3.9- 4.4)	3.9 (3.6- 4.2)	6.1 (5.1- 7.4)	4.2 (3.0- 5.9)
New England	4.2 (3.7- 4.7)	4.1 (3.6- 4.7)	~	~
Connecticut	4.3 (3.4- 5.5)	4.1 (3.2- 5.3)	~	~
Maine	4.9 (3.4- 7.1)	4.9 (3.3- 7.0)	~	~
Massachusetts	3.9 (3.2- 4.8)	4.0 (3.2- 4.8)	~	~
New Hampshire	4.9 (3.1- 7.3)	4.9 (3.2- 7.4)	~	~
Rhode Island	4.6 (2.9- 7.1)	4.3 (2.6- 6.8)	~	~
Vermont	~	~	~	~
Middle Atlantic	4.1 (3.8- 4.4)	3.8 (3.5- 4.1)	6.1 (5.0- 7.5)	4.4 (3.1- 6.2)
New Jersey	4.3 (3.7- 5.0)	4.0 (3.3- 4.7)	7.3 (4.7- 11.3)	~
New York	4.1 (3.6- 4.5)	3.7 (3.2- 4.1)	5.7 (4.3- 7.5)	4.9 (3.2- 7.4)
Pennsylvania	4.1 (3.6- 4.6)	3.9 (3.4- 4.4)	6.2 (4.0- 9.5)	~
Midwest	3.8 (3.6- 4.0)	3.6 (3.3- 3.8)	6.3 (5.3- 7.6)	~
East North Central	4.0 (3.7- 4.2)	3.7 (3.4- 4.0)	6.6 (5.5- 8.1)	~
Illinois	4.2 (3.6- 4.8)	3.8 (3.2- 4.4)	7.3 (5.2- 10.1)	~
Indiana	3.4 (2.7- 4.2)	3.3 (2.6- 4.1)	~	~
Michigan	4.1 (3.5- 4.7)	3.8 (3.2- 4.5)	5.7 (3.8- 8.6)	~
Ohio	4.0 (3.5- 4.6)	3.7 (3.2- 4.3)	6.8 (4.5- 10.2)	~
Wisconsin	3.8 (3.1- 4.7)	3.6 (2.9- 4.5)	~	~
West North Central	3.4 (3.1- 3.8)	3.3 (3.0- 3.8)	4.4 (2.5- 7.8)	~
Iowa	3.3 (2.4- 4.4)	3.3 (2.4- 4.4)	~	~
Kansas	4.0 (3.0- 5.4)	4.1 (3.0- 5.5)	~	~
Minnesota	3.4 (2.7- 4.3)	3.3 (2.6- 4.2)	~	~
Missouri	3.2 (2.5- 3.9)	2.9 (2.3- 3.7)	~	~
Nebraska	3.1 (2.0- 4.6)	3.0 (1.9- 4.6)	~	~
North Dakota	5.8 (3.4- 9.2)	5.2 (3.0- 8.6)	~	~
South Dakota	~	~	~	~
South	4.5 (4.3- 4.7)	4.1 (3.9- 4.4)	7.2 (6.5- 8.0)	3.2 (2.5- 4.0)
South Atlantic	4.4 (4.1- 4.6)	3.9 (3.6- 4.2)	6.9 (6.1- 7.9)	3.3 (2.3- 4.6)
Delaware	~	~	~	~
District of Columbia	6.7 (3.9- 11.1)	~	~	~
Florida	4.4 (3.9- 4.8)	4.3 (3.8- 4.7)	5.1 (3.6- 7.3)	3.4 (2.3- 4.8)
Georgia	4.3 (3.5- 5.2)	3.8 (3.0- 4.7)	6.5 (4.6- 9.1)	~
Maryland	4.6 (3.8- 5.7)	3.8 (2.9- 4.9)	8.1 (5.5- 12.0)	~
North Carolina	3.5 (2.9- 4.3)	3.0 (2.3- 3.8)	6.3 (4.4- 8.9)	~
South Carolina	6.1 (5.0- 7.5)	4.5 (3.4- 6.0)	12.0 (8.8- 16.2)	~
Virginia	4.3 (3.6- 5.2)	4.0 (3.2- 4.9)	6.4 (4.3- 9.4)	~
West Virginia	4.3 (3.1- 6.0)	4.4 (3.2- 6.0)	~	~
East South Central	5.2 (4.7- 5.8)	4.9 (4.3- 5.5)	7.5 (6.0- 9.4)	~
Alabama	4.5 (3.6- 5.6)	4.4 (3.3- 5.6)	5.5 (3.4- 8.5)	~
Kentucky	5.2 (4.1- 6.4)	5.0 (3.9- 6.3)	~	~
Mississippi	6.1 (4.7- 7.7)	5.5 (4.1- 7.4)	7.6 (4.8- 11.6)	~
Tennessee	5.5 (4.6- 6.5)	5.0 (4.1- 6.0)	9.8 (6.4- 14.6)	~
West South Central	4.5 (4.1- 4.9)	4.2 (3.8- 4.6)	7.8 (6.3- 9.5)	3.1 (2.2- 4.3)
Arkansas	5.4 (4.1- 6.9)	4.8 (3.6- 6.4)	~	~

continued

Table 2.2.1.2M: Cancer of the Oral Cavity and Pharynx. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	5.7 (4.7- 7.0)	5.0 (3.9- 6.4)	8.4 (5.8- 11.8)	~
Oklahoma	3.9 (3.0- 5.1)	3.8 (2.8- 5.0)	~	~
Texas	4.2 (3.8- 4.7)	4.0 (3.5- 4.5)	7.1 (5.3- 9.5)	3.0 (2.1- 4.1)
West	3.8 (3.6- 4.0)	3.7 (3.5- 4.0)	5.5 (4.1- 7.3)	2.2 (1.7- 2.9)
Mountain	3.2 (2.8- 3.7)	3.3 (2.9- 3.7)	~	~
Arizona	3.5 (2.7- 4.3)	3.6 (2.9- 4.6)	~	~
Colorado	3.2 (2.4- 4.2)	3.2 (2.4- 4.3)	~	~
Idaho	4.4 (2.8- 6.6)	4.5 (2.9- 6.7)	~	~
Montana	~	~	~	~
Nevada	3.6 (2.4- 5.4)	3.4 (2.2- 5.3)	~	~
New Mexico	2.2 (1.3- 3.6)	2.1 (1.2- 3.5)	~	~
Utah	3.0 (1.9- 4.7)	3.0 (1.9- 4.7)	~	~
Wyoming	~	~	~	~
Pacific	4.0 (3.8- 4.3)	3.9 (3.6- 4.3)	5.9 (4.4- 8.0)	2.4 (1.8- 3.3)
Alaska	~	~	~	~
California	3.9 (3.6- 4.3)	3.8 (3.5- 4.2)	6.2 (4.6- 8.4)	2.3 (1.6- 3.2)
Hawaii	4.9 (3.3- 7.1)	~	~	~
Oregon	4.1 (3.2- 5.3)	4.2 (3.2- 5.4)	~	~
Washington	4.2 (3.4- 5.1)	4.1 (3.3- 5.0)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.2.1.2F: Cancer of the Oral Cavity and Pharynx. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	1.6 (1.5- 1.6)	1.5 (1.5- 1.6)	1.8 (1.6- 2.0)	1.0 (0.8- 1.2)
Northeast	1.4 (1.3- 1.6)	1.4 (1.3- 1.5)	1.7 (1.3- 2.2)	1.2 (0.7- 2.0)
New England	1.5 (1.2- 1.8)	1.5 (1.2- 1.8)	~	~
Connecticut	1.2 (0.8- 1.8)	1.1 (0.7- 1.8)	~	~
Maine	~	~	~	~
Massachusetts	1.6 (1.3- 2.1)	1.6 (1.2- 2.1)	~	~
New Hampshire	~	~	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	1.4 (1.3- 1.6)	1.4 (1.2- 1.5)	1.7 (1.3- 2.3)	1.3 (0.8- 2.2)
New Jersey	1.6 (1.3- 2.0)	1.6 (1.2- 2.0)	~	~
New York	1.4 (1.2- 1.6)	1.4 (1.1- 1.6)	1.6 (1.0- 2.4)	~
Pennsylvania	1.3 (1.1- 1.6)	1.2 (1.0- 1.5)	~	~
Midwest	1.3 (1.2- 1.5)	1.3 (1.2- 1.4)	1.5 (1.1- 2.0)	~
East North Central	1.3 (1.1- 1.4)	1.2 (1.1- 1.4)	1.5 (1.1- 2.1)	~
Illinois	1.1 (0.9- 1.4)	1.0 (0.8- 1.3)	~	~
Indiana	1.1 (0.8- 1.5)	0.9 (0.6- 1.3)	~	~
Michigan	1.4 (1.1- 1.7)	1.3 (1.0- 1.7)	~	~
Ohio	1.3 (1.0- 1.6)	1.3 (1.0- 1.6)	~	~
Wisconsin	1.5 (1.1- 2.0)	1.6 (1.2- 2.1)	~	~
West North Central	1.5 (1.3- 1.7)	1.5 (1.3- 1.7)	~	~
Iowa	1.4 (0.9- 2.2)	1.5 (1.0- 2.2)	~	~
Kansas	1.2 (0.7- 1.9)	1.2 (0.7- 2.0)	~	~
Minnesota	1.6 (1.2- 2.2)	1.5 (1.1- 2.1)	~	~
Missouri	1.5 (1.1- 2.0)	1.5 (1.1- 2.1)	~	~
Nebraska	~	~	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	1.7 (1.6- 1.8)	1.6 (1.5- 1.8)	1.9 (1.6- 2.2)	0.9 (0.6- 1.2)
South Atlantic	1.7 (1.6- 1.9)	1.7 (1.5- 1.9)	1.9 (1.5- 2.3)	~
Delaware	~	~	~	~
District of Columbia	~	~	~	~
Florida	1.9 (1.7- 2.2)	1.9 (1.6- 2.2)	2.1 (1.3- 3.2)	~
Georgia	2.1 (1.6- 2.6)	2.0 (1.6- 2.6)	2.0 (1.2- 3.1)	~
Maryland	1.4 (1.0- 1.9)	1.1 (0.7- 1.7)	~	~
North Carolina	1.7 (1.3- 2.1)	1.6 (1.3- 2.1)	2.0 (1.1- 3.2)	~
South Carolina	1.3 (0.9- 1.9)	1.4 (0.9- 2.1)	~	~
Virginia	1.5 (1.2- 2.0)	1.5 (1.1- 2.0)	~	~
West Virginia	1.4 (0.9- 2.4)	1.5 (0.9- 2.5)	~	~
East South Central	1.6 (1.3- 1.8)	1.5 (1.3- 1.8)	1.8 (1.2- 2.6)	~
Alabama	1.2 (0.8- 1.7)	1.4 (1.0- 2.1)	~	~
Kentucky	1.6 (1.1- 2.2)	1.6 (1.1- 2.2)	~	~
Mississippi	2.1 (1.4- 2.9)	1.8 (1.1- 2.8)	~	~
Tennessee	1.6 (1.2- 2.1)	1.5 (1.1- 2.0)	~	~
West South Central	1.7 (1.5- 1.9)	1.6 (1.4- 1.8)	2.0 (1.4- 2.7)	0.9 (0.5- 1.4)
Arkansas	1.3 (0.8- 2.0)	1.3 (0.8- 2.1)	~	~

continued

Table 2.2.1.2F: Cancer of the Oral Cavity and Pharynx. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	1.8 (1.3- 2.5)	1.8 (1.3- 2.6)	~	~
Oklahoma	1.7 (1.2- 2.4)	1.7 (1.1- 2.4)	~	~
Texas	1.7 (1.4- 1.9)	1.6 (1.3- 1.9)	2.5 (1.6- 3.8)	0.9 (0.5- 1.5)
West	1.7 (1.6- 1.9)	1.7 (1.6- 1.9)	2.3 (1.5- 3.3)	1.0 (0.7- 1.4)
Mountain	1.3 (1.1- 1.6)	1.4 (1.1- 1.6)	~	~
Arizona	1.2 (0.9- 1.7)	1.3 (0.9- 1.8)	~	~
Colorado	1.1 (0.7- 1.6)	1.1 (0.7- 1.7)	~	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	1.8 (1.1- 2.9)	1.8 (1.0- 2.9)	~	~
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	1.9 (1.7- 2.0)	1.9 (1.7- 2.1)	2.5 (1.6- 3.6)	0.9 (0.6- 1.4)
Alaska	~	~	~	~
California	1.9 (1.7- 2.1)	1.9 (1.7- 2.2)	2.5 (1.6- 3.7)	0.9 (0.6- 1.4)
Hawaii	~	~	~	~
Oregon	2.4 (1.7- 3.2)	2.3 (1.7- 3.1)	~	~
Washington	1.6 (1.2- 2.1)	1.6 (1.2- 2.1)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.3.1.1M: Cancer of the Esophagus. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	8.4 (8.2- 8.5)	8.1 (7.9- 8.3)	11.9 (11.2- 12.7)	5.6 (5.1- 6.3)
Northeast	9.0 (8.6- 9.3)	8.7 (8.3- 9.1)	12.6 (11.0- 14.3)	9.3 (7.4- 11.7)
New England	9.8 (9.1- 10.6)	9.7 (8.9- 10.5)	11.6 (7.7- 18.0)	16.2 (9.5- 26.9)
Connecticut	9.0 (7.6- 10.6)	9.1 (7.6- 10.8)	~	~
Maine	10.8 (8.4- 13.7)	10.7 (8.4- 13.6)	~	~
Massachusetts	10.3 (9.1- 11.5)	10.0 (8.8- 11.3)	13.5 (7.4- 24.5)	-
New Hampshire	7.7 (5.6- 10.5)	7.7 (5.5- 10.5)	~	-
Rhode Island	10.4 (7.8- 13.8)	10.3 (7.6- 13.7)	~	~
Vermont	10.0 (6.6- 14.7)	10.1 (6.7- 14.8)	~	~
Middle Atlantic	8.6 (8.2- 9.1)	8.3 (7.8- 8.7)	12.7 (11.0- 14.5)	8.3 (6.4- 10.8)
New Jersey	8.3 (7.4- 9.3)	7.6 (6.7- 8.7)	15.2 (11.4- 20.4)	7.4 (4.0- 13.3)
New York	8.0 (7.4- 8.6)	7.7 (7.0- 8.3)	10.5 (8.6- 13.0)	8.2 (5.9- 11.4)
Pennsylvania	9.7 (9.0- 10.6)	9.4 (8.6- 10.2)	15.4 (11.8- 20.0)	-
Midwest	9.0 (8.7- 9.4)	8.7 (8.3- 9.0)	12.6 (11.1- 14.4)	7.1 (4.7- 10.6)
East North Central	9.5 (9.1- 9.9)	9.1 (8.6- 9.5)	13.2 (11.5- 15.1)	8.0 (5.1- 12.2)
Illinois	9.4 (8.6- 10.3)	9.0 (8.1- 9.9)	13.3 (10.4- 16.8)	-
Indiana	7.9 (6.8- 9.0)	7.6 (6.6- 8.8)	12.1 (7.2- 19.8)	~
Michigan	10.2 (9.2- 11.2)	9.8 (8.8- 10.9)	13.8 (10.6- 17.9)	~
Detroit	9.4 (8.0- 11.0)	8.0 (6.6- 9.8)	15.0 (11.2- 20.0)	-
Ohio	9.1 (8.3- 10.0)	8.6 (7.7- 9.5)	11.8 (8.8- 15.8)	~
Wisconsin	11.0 (9.7- 12.4)	10.5 (9.2- 11.9)	19.5 (10.4- 38.3)	~
West North Central	7.8 (7.2- 8.5)	7.8 (7.2- 8.4)	9.4 (6.2- 13.9)	~
Iowa	9.8 (8.2- 11.5)	9.9 (8.3- 11.7)	~	~
Kansas	7.0 (5.6- 8.7)	7.0 (5.6- 8.8)	~	~
Minnesota	7.4 (6.3- 8.6)	7.3 (6.2- 8.6)	~	~
Missouri	7.6 (6.6- 8.8)	7.4 (6.3- 8.6)	11.3 (7.1- 17.9)	~
Nebraska	7.6 (5.8- 9.8)	7.6 (5.7- 9.8)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	16.3 (11.6- 22.5)	~	22.9 (15.9- 32.4)	~
Florida	8.2 (7.6- 8.8)	8.0 (7.4- 8.7)	11.0 (8.7- 14.0)	-
Georgia	9.9 (8.8- 11.2)	8.0 (6.9- 9.4)	18.1 (14.8- 22.2)	~
Atlanta	7.0 (5.3- 9.3)	5.9 (4.1- 8.4)	10.5 (6.4- 17.5)	~
Maryland				
North Carolina	8.6 (7.6- 9.7)	8.3 (7.3- 9.5)	10.5 (7.9- 13.8)	~
South Carolina	8.5 (7.2- 10.0)	6.9 (5.6- 8.5)	14.3 (10.7- 18.9)	-
Virginia				
West Virginia	8.6 (6.8- 10.8)	8.7 (6.9- 11.0)	~	~
East South Central				
Alabama	8.3 (7.1- 9.7)	7.7 (6.4- 9.2)	11.7 (8.5- 15.9)	~
Kentucky	8.4 (7.1- 10.0)	8.0 (6.7- 9.5)	18.1 (10.1- 30.8)	-
Mississippi				
Tennessee				

continued

Table 2.3.1.1M: Cancer of the Esophagus. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	7.2 (6.7- 7.6)	6.9 (6.4- 7.4)	8.9 (7.3- 10.7)	4.7 (3.6- 6.1)
Arkansas	5.3 (4.2- 6.8)	4.9 (3.7- 6.4)	~	~
Louisiana	8.6 (7.3- 10.1)	7.9 (6.5- 9.6)	10.8 (7.9- 14.5)	-
Oklahoma	7.4 (6.1- 8.9)	7.4 (6.0- 9.0)	~	~
Texas	7.1 (6.5- 7.7)	7.0 (6.4- 7.7)	7.8 (5.8- 10.4)	4.6 (3.5- 6.0)
West	7.5 (7.1- 7.8)	7.7 (7.4- 8.1)	8.2 (6.3- 10.5)	5.0 (4.2- 6.0)
Mountain	7.3 (6.7- 8.0)	7.5 (6.9- 8.1)	~	3.9 (2.5- 5.9)
Arizona	7.3 (6.2- 8.5)	7.4 (6.3- 8.7)	~	~
Colorado	8.3 (7.0- 9.9)	8.4 (7.0- 10.1)	~	~
Idaho	6.3 (4.4- 8.8)	6.4 (4.4- 9.0)	~	~
Montana	6.9 (4.7- 9.9)	6.9 (4.7- 10.0)	~	-
Nevada	8.8 (6.9- 11.2)	9.1 (7.1- 11.7)	~	-
New Mexico	5.5 (4.0- 7.5)	5.9 (4.2- 8.0)	~	~
Utah	5.8 (4.2- 7.9)	6.0 (4.3- 8.2)	~	~
Wyoming	9.2 (5.5- 14.9)	8.5 (4.9- 14.0)	~	~
Pacific	7.5 (7.1- 7.9)	7.8 (7.4- 8.3)	8.5 (6.5- 11.0)	5.5 (4.4- 6.7)
Alaska	10.5 (5.9- 18.8)	~	~	-
California	7.0 (6.6- 7.5)	7.4 (6.9- 7.9)	8.9 (6.8- 11.7)	5.6 (4.5- 6.9)
San Francisco-Oakland	7.0 (5.8- 8.4)	7.8 (6.3- 9.6)	~	~
San Jose-Monterey	7.1 (5.4- 9.1)	7.7 (5.8- 10.1)	~	~
Los Angeles	6.5 (5.7- 7.5)	7.0 (6.0- 8.2)	8.4 (5.5- 12.7)	5.9 (4.1- 8.3)
Hawaii	6.9 (5.0- 9.4)	~	~	-
Oregon	9.5 (8.0- 11.1)	9.6 (8.1- 11.3)	~	~
Washington	9.0 (7.8- 10.3)	8.9 (7.7- 10.3)	~	~
Seattle-Puget Sound	9.6 (8.1- 11.2)	9.7 (8.2- 11.5)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.3.1.1F: Cancer of the Esophagus. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	2.0 (2.0- 2.1)	1.9 (1.9- 2.0)	3.4 (3.1- 3.7)	1.5 (1.3- 1.8)
Northeast	2.3 (2.2- 2.5)	2.2 (2.0- 2.4)	3.7 (3.0- 4.4)	3.1 (2.2- 4.2)
New England	2.4 (2.1- 2.8)	2.3 (2.0- 2.7)	~	~
Connecticut	2.7 (2.0- 3.5)	2.5 (1.8- 3.3)	~	~
Maine	~	~	~	~
Massachusetts	2.6 (2.1- 3.1)	2.5 (2.0- 3.1)	~	-
New Hampshire	~	~	~	-
Rhode Island	3.0 (1.9- 4.8)	2.9 (1.7- 4.8)	~	~
Vermont	~	~	~	~
Middle Atlantic	2.3 (2.1- 2.5)	2.2 (2.0- 2.4)	3.5 (2.9- 4.3)	2.9 (2.1- 4.1)
New Jersey	2.5 (2.1- 3.0)	2.4 (1.9- 2.9)	3.2 (1.9- 5.2)	~
New York	2.2 (2.0- 2.5)	2.1 (1.8- 2.4)	3.2 (2.4- 4.3)	2.4 (1.5- 3.6)
Pennsylvania	2.3 (2.0- 2.7)	2.2 (1.8- 2.5)	4.5 (3.0- 6.5)	-
Midwest	2.1 (2.0- 2.3)	2.0 (1.8- 2.1)	3.7 (3.0- 4.5)	~
East North Central	2.2 (2.1- 2.4)	2.0 (1.9- 2.2)	3.8 (3.1- 4.7)	~
Illinois	2.5 (2.1- 2.9)	2.3 (1.9- 2.7)	3.5 (2.4- 5.1)	-
Indiana	2.0 (1.5- 2.5)	1.8 (1.4- 2.3)	~	~
Michigan	1.9 (1.6- 2.3)	1.8 (1.5- 2.3)	2.8 (1.6- 4.4)	~
Detroit	2.0 (1.5- 2.7)	2.0 (1.4- 2.8)	~	-
Ohio	2.4 (2.1- 2.8)	2.1 (1.8- 2.5)	4.4 (2.9- 6.4)	~
Wisconsin	2.1 (1.6- 2.6)	1.8 (1.4- 2.4)	~	~
West North Central	1.9 (1.6- 2.2)	1.9 (1.6- 2.2)	~	~
Iowa	1.5 (1.0- 2.2)	1.5 (1.0- 2.2)	~	~
Kansas	1.7 (1.1- 2.5)	1.7 (1.1- 2.6)	~	~
Minnesota	2.2 (1.7- 2.9)	2.2 (1.7- 2.9)	~	~
Missouri	2.0 (1.6- 2.6)	1.9 (1.4- 2.5)	~	~
Nebraska	1.7 (1.0- 2.7)	1.7 (1.0- 2.9)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	~	~	~	~
Florida	2.0 (1.8- 2.3)	1.8 (1.6- 2.1)	3.6 (2.5- 5.1)	-
Georgia	2.1 (1.7- 2.6)	1.5 (1.1- 2.0)	4.1 (2.9- 5.7)	~
Atlanta	1.8 (1.1- 2.8)	~	~	~
Maryland				
North Carolina	1.9 (1.6- 2.4)	1.6 (1.2- 2.1)	3.3 (2.2- 4.9)	~
South Carolina	1.4 (0.9- 2.0)	1.0 (0.6- 1.7)	~	-
Virginia				
West Virginia	2.5 (1.7- 3.7)	2.3 (1.5- 3.5)	~	~
East South Central				
Alabama	1.8 (1.4- 2.4)	1.9 (1.3- 2.6)	~	~
Kentucky	1.9 (1.4- 2.5)	1.8 (1.3- 2.5)	~	-
Mississippi				
Tennessee				

continued

Table 2.3.1.1F: Cancer of the Esophagus. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	1.7 (1.5- 1.9)	1.6 (1.3- 1.8)	3.0 (2.3- 3.9)	1.0 (0.6- 1.6)
Arkansas	1.6 (1.0- 2.4)	1.1 (0.6- 1.9)	~	~
Louisiana	1.7 (1.2- 2.4)	1.5 (1.0- 2.2)	~	-
Oklahoma	1.2 (0.7- 1.7)	1.2 (0.7- 1.8)	~	~
Texas	1.8 (1.5- 2.1)	1.7 (1.5- 2.0)	3.1 (2.1- 4.5)	1.0 (0.6- 1.6)
West	1.9 (1.8- 2.1)	2.0 (1.8- 2.1)	2.8 (2.0- 4.0)	1.1 (0.7- 1.5)
Mountain	1.9 (1.6- 2.2)	1.9 (1.6- 2.2)	~	~
Arizona	1.7 (1.3- 2.3)	1.8 (1.4- 2.4)	~	~
Colorado	1.8 (1.3- 2.5)	1.7 (1.2- 2.4)	~	~
Idaho	~	~	~	~
Montana	3.0 (1.7- 5.0)	~	~	-
Nevada	3.0 (2.0- 4.3)	3.1 (2.0- 4.5)	~	-
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	1.9 (1.8- 2.1)	2.0 (1.8- 2.2)	3.0 (2.1- 4.3)	0.9 (0.6- 1.4)
Alaska	~	~	~	-
California	1.8 (1.6- 2.1)	1.8 (1.6- 2.1)	3.1 (2.1- 4.4)	0.8 (0.5- 1.3)
San Francisco-Oakland	2.1 (1.6- 2.8)	2.3 (1.6- 3.2)	~	~
San Jose-Monterey	2.0 (1.2- 3.0)	2.2 (1.3- 3.4)	~	~
Los Angeles	1.8 (1.4- 2.2)	1.6 (1.2- 2.0)	3.4 (1.9- 5.6)	~
Hawaii	~	~	~	-
Oregon	2.6 (1.9- 3.4)	2.6 (2.0- 3.5)	~	~
Washington	2.2 (1.7- 2.8)	2.2 (1.7- 2.8)	~	~
Seattle-Puget Sound	2.2 (1.6- 2.9)	2.2 (1.6- 3.0)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.3.1.2M: Cancer of the Esophagus. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	7.8 (7.7- 8.0)	7.6 (7.5- 7.8)	11.3 (10.7- 12.0)	4.4 (3.9- 5.0)
Northeast	8.2 (7.9- 8.6)	8.1 (7.8- 8.5)	11.1 (9.6- 12.8)	6.1 (4.5- 8.2)
New England	8.8 (8.1- 9.6)	8.9 (8.1- 9.7)	8.1 (4.7- 14.2)	~
Connecticut	9.1 (7.7- 10.8)	8.9 (7.4- 10.6)	~	~
Maine	8.1 (6.1- 10.7)	8.2 (6.1- 10.8)	~	~
Massachusetts	9.0 (8.0- 10.2)	9.2 (8.1- 10.5)	~	~
New Hampshire	8.4 (6.1- 11.3)	8.5 (6.2- 11.5)	~	~
Rhode Island	8.5 (6.1- 11.6)	9.0 (6.5- 12.2)	~	~
Vermont	7.5 (4.6- 11.7)	7.6 (4.7- 11.8)	~	~
Middle Atlantic	8.0 (7.6- 8.4)	7.8 (7.4- 8.3)	11.4 (9.8- 13.3)	5.8 (4.2- 8.1)
New Jersey	7.9 (7.0- 8.9)	7.5 (6.6- 8.6)	12.8 (9.1- 17.9)	~
New York	7.9 (7.3- 8.5)	7.9 (7.3- 8.6)	9.6 (7.7- 12.0)	6.6 (4.5- 9.6)
Pennsylvania	8.3 (7.6- 9.0)	7.9 (7.2- 8.7)	14.5 (10.9- 19.0)	~
Midwest	8.5 (8.2- 8.9)	8.3 (8.0- 8.7)	11.9 (10.4- 13.6)	4.0 (2.4- 6.7)
East North Central	9.1 (8.7- 9.6)	9.0 (8.5- 9.4)	11.6 (10.0- 13.4)	4.5 (2.6- 7.9)
Illinois	8.8 (8.0- 9.7)	8.4 (7.6- 9.3)	13.1 (10.3- 16.7)	~
Indiana	9.2 (8.0- 10.5)	9.1 (7.9- 10.4)	10.8 (6.3- 18.1)	~
Michigan	8.9 (8.0- 9.8)	8.8 (7.8- 9.8)	10.6 (7.7- 14.5)	~
Ohio	9.1 (8.3- 10.0)	9.1 (8.2- 10.0)	9.9 (7.1- 13.8)	~
Wisconsin	10.3 (9.0- 11.7)	10.2 (8.9- 11.6)	~	~
West North Central	7.1 (6.6- 7.7)	6.9 (6.4- 7.5)	13.5 (9.5- 19.0)	~
Iowa	7.9 (6.5- 9.5)	8.0 (6.6- 9.6)	~	~
Kansas	7.6 (6.1- 9.4)	7.6 (6.1- 9.4)	~	~
Minnesota	6.7 (5.6- 7.9)	6.7 (5.6- 7.9)	~	~
Missouri	6.7 (5.7- 7.8)	6.1 (5.1- 7.2)	15.5 (10.2- 23.1)	~
Nebraska	6.8 (5.1- 9.0)	6.7 (5.0- 8.8)	~	~
North Dakota	7.8 (5.0- 11.6)	7.7 (4.9- 11.6)	~	~
South Dakota	7.6 (5.1- 11.1)	7.6 (5.0- 11.2)	~	~
South	7.6 (7.4- 7.9)	7.1 (6.8- 7.4)	11.8 (10.9- 12.8)	4.6 (3.8- 5.6)
South Atlantic	8.0 (7.7- 8.4)	7.3 (6.9- 7.6)	13.0 (11.8- 14.3)	3.6 (2.6- 5.0)
Delaware	10.1 (7.0- 14.5)	8.9 (5.8- 13.4)	~	~
District of Columbia	15.7 (11.0- 22.0)	~	22.1 (15.2- 31.6)	~
Florida	7.6 (7.1- 8.2)	7.5 (6.9- 8.1)	10.5 (8.1- 13.5)	4.0 (2.8- 5.5)
Georgia	8.3 (7.2- 9.4)	6.9 (5.9- 8.1)	14.6 (11.5- 18.3)	~
Maryland	9.3 (8.1- 10.8)	8.3 (7.0- 9.9)	13.3 (9.9- 17.8)	~
North Carolina	6.7 (5.9- 7.7)	6.2 (5.3- 7.2)	10.3 (7.8- 13.6)	~
South Carolina	9.2 (7.8- 10.8)	6.4 (5.1- 8.1)	19.4 (15.2- 24.6)	~
Virginia	7.9 (6.9- 9.0)	7.5 (6.4- 8.7)	10.4 (7.7- 14.1)	~
West Virginia	7.9 (6.2- 10.1)	8.1 (6.3- 10.3)	~	~
East South Central	7.6 (6.9- 8.2)	6.9 (6.3- 7.6)	12.0 (10.0- 14.4)	~
Alabama	7.1 (6.0- 8.5)	6.0 (4.8- 7.3)	12.9 (9.5- 17.2)	~
Kentucky	8.8 (7.5- 10.4)	8.6 (7.2- 10.2)	~	~
Mississippi	7.0 (5.6- 8.7)	5.5 (4.1- 7.4)	11.5 (8.0- 16.1)	~
Tennessee	7.2 (6.2- 8.4)	6.9 (5.8- 8.2)	10.7 (7.0- 16.0)	~
West South Central	7.0 (6.5- 7.5)	6.9 (6.4- 7.4)	8.6 (7.1- 10.5)	5.6 (4.4- 7.2)
Arkansas	6.2 (4.9- 7.7)	6.0 (4.6- 7.6)	~	~

continued

Table 2.3.1.2M: Cancer of the Esophagus. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	7.8 (6.6- 9.3)	7.1 (5.7- 8.7)	10.5 (7.6- 14.3)	~
Oklahoma	7.2 (5.9- 8.8)	7.1 (5.8- 8.7)	~	~
Texas	7.0 (6.4- 7.6)	7.0 (6.4- 7.7)	7.6 (5.6- 10.3)	5.7 (4.4- 7.3)
West	7.0 (6.7- 7.4)	7.3 (6.9- 7.7)	8.4 (6.5- 10.7)	3.6 (2.9- 4.5)
Mountain	6.8 (6.2- 7.5)	6.8 (6.2- 7.5)	~	2.8 (1.6- 4.7)
Arizona	6.8 (5.8- 8.0)	6.8 (5.8- 8.1)	~	~
Colorado	7.0 (5.7- 8.5)	7.1 (5.8- 8.7)	~	~
Idaho	6.7 (4.8- 9.3)	6.6 (4.6- 9.2)	~	~
Montana	8.2 (5.7- 11.4)	8.4 (5.9- 11.8)	~	~
Nevada	6.3 (4.7- 8.4)	5.8 (4.3- 8.0)	~	~
New Mexico	6.0 (4.4- 8.2)	6.1 (4.4- 8.4)	~	~
Utah	6.2 (4.5- 8.4)	6.3 (4.6- 8.5)	~	~
Wyoming	10.4 (6.4- 16.4)	10.6 (6.5- 16.7)	~	~
Pacific	7.2 (6.8- 7.6)	7.6 (7.1- 8.0)	8.2 (6.2- 10.7)	4.0 (3.1- 5.0)
Alaska	~	~	~	~
California	6.7 (6.3- 7.2)	7.1 (6.6- 7.6)	7.9 (5.8- 10.5)	4.1 (3.2- 5.2)
Hawaii	5.4 (3.7- 7.6)	~	~	~
Oregon	10.1 (8.6- 11.8)	10.5 (8.9- 12.2)	~	~
Washington	8.1 (7.0- 9.4)	8.1 (7.0- 9.4)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.3.1.2F: Cancer of the Esophagus. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	1.8 (1.7- 1.8)	1.7 (1.6- 1.7)	3.0 (2.7- 3.3)	1.0 (0.8- 1.2)
Northeast	1.9 (1.7- 2.0)	1.8 (1.6- 1.9)	3.0 (2.5- 3.7)	1.4 (0.9- 2.3)
New England	2.0 (1.8- 2.4)	2.0 (1.7- 2.3)	~	~
Connecticut	2.4 (1.8- 3.2)	2.2 (1.6- 3.0)	~	~
Maine	~	~	~	~
Massachusetts	1.8 (1.4- 2.2)	1.7 (1.3- 2.2)	~	~
New Hampshire	~	~	~	~
Rhode Island	2.5 (1.4- 4.1)	2.6 (1.5- 4.3)	~	~
Vermont	~	~	~	~
Middle Atlantic	1.8 (1.7- 2.0)	1.7 (1.5- 1.9)	2.9 (2.3- 3.7)	1.3 (0.7- 2.2)
New Jersey	1.8 (1.4- 2.2)	1.5 (1.2- 2.0)	3.6 (2.1- 5.7)	~
New York	1.7 (1.5- 2.0)	1.7 (1.4- 2.0)	2.3 (1.6- 3.1)	~
Pennsylvania	2.0 (1.7- 2.3)	1.8 (1.5- 2.1)	4.2 (2.7- 6.2)	~
Midwest	1.8 (1.7- 2.0)	1.7 (1.6- 1.9)	3.2 (2.5- 3.9)	~
East North Central	1.9 (1.8- 2.1)	1.8 (1.6- 1.9)	3.5 (2.8- 4.3)	~
Illinois	1.9 (1.6- 2.3)	1.6 (1.3- 1.9)	4.6 (3.3- 6.4)	~
Indiana	1.8 (1.4- 2.3)	1.8 (1.3- 2.3)	~	~
Michigan	1.8 (1.4- 2.1)	1.7 (1.3- 2.1)	~	~
Ohio	2.1 (1.8- 2.5)	2.0 (1.7- 2.4)	3.3 (2.0- 5.1)	~
Wisconsin	1.8 (1.4- 2.4)	1.8 (1.4- 2.4)	~	~
West North Central	1.7 (1.4- 1.9)	1.7 (1.4- 1.9)	~	~
Iowa	1.8 (1.2- 2.6)	1.8 (1.3- 2.6)	~	~
Kansas	1.5 (1.0- 2.3)	1.6 (1.1- 2.4)	~	~
Minnesota	1.8 (1.3- 2.4)	1.8 (1.3- 2.4)	~	~
Missouri	1.5 (1.1- 1.9)	1.4 (1.0- 1.9)	~	~
Nebraska	1.8 (1.1- 2.8)	1.8 (1.1- 2.9)	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	1.8 (1.6- 1.9)	1.6 (1.4- 1.7)	3.0 (2.6- 3.4)	0.8 (0.5- 1.2)
South Atlantic	1.8 (1.7- 2.0)	1.6 (1.5- 1.8)	3.0 (2.6- 3.6)	~
Delaware	~	~	~	~
District of Columbia	~	~	~	~
Florida	1.8 (1.6- 2.1)	1.7 (1.5- 2.0)	2.7 (1.8- 4.0)	~
Georgia	1.6 (1.2- 2.0)	1.1 (0.8- 1.6)	3.1 (2.1- 4.6)	~
Maryland	2.1 (1.6- 2.7)	2.0 (1.5- 2.8)	~	~
North Carolina	2.0 (1.6- 2.5)	1.8 (1.4- 2.3)	3.0 (1.9- 4.5)	~
South Carolina	1.8 (1.3- 2.5)	1.7 (1.1- 2.5)	~	~
Virginia	1.8 (1.4- 2.3)	1.3 (0.9- 1.7)	4.9 (3.3- 6.9)	~
West Virginia	1.7 (1.1- 2.7)	1.8 (1.1- 2.8)	~	~
East South Central	1.6 (1.3- 1.8)	1.3 (1.1- 1.6)	2.9 (2.1- 4.0)	~
Alabama	1.9 (1.4- 2.5)	1.6 (1.1- 2.3)	3.1 (1.8- 4.9)	~
Kentucky	1.6 (1.1- 2.2)	1.4 (1.0- 2.0)	~	~
Mississippi	1.5 (0.9- 2.2)	~	~	~
Tennessee	1.3 (1.0- 1.8)	1.0 (0.7- 1.5)	~	~
West South Central	1.7 (1.5- 1.9)	1.6 (1.4- 1.8)	3.0 (2.2- 3.9)	0.9 (0.5- 1.4)
Arkansas	2.1 (1.4- 2.9)	1.5 (1.0- 2.4)	~	~

continued

Table 2.3.1.2F: Cancer of the Esophagus. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	1.7 (1.3- 2.4)	1.4 (0.9- 2.1)	2.8 (1.6- 4.6)	~
Oklahoma	1.4 (0.9- 2.0)	1.4 (0.9- 2.1)	~	~
Texas	1.7 (1.5- 2.0)	1.7 (1.4- 1.9)	2.6 (1.7- 3.9)	0.9 (0.5- 1.5)
West	1.7 (1.5- 1.8)	1.7 (1.6- 1.9)	2.5 (1.7- 3.6)	0.9 (0.6- 1.3)
Mountain	1.5 (1.2- 1.8)	1.5 (1.2- 1.8)	~	~
Arizona	1.7 (1.3- 2.3)	1.8 (1.3- 2.4)	~	~
Colorado	1.4 (0.9- 2.0)	1.3 (0.9- 2.0)	~	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	1.9 (1.2- 3.1)	2.2 (1.3- 3.4)	~	~
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	1.8 (1.6- 1.9)	1.8 (1.6- 2.0)	2.8 (1.9- 4.1)	0.8 (0.5- 1.3)
Alaska	~	~	~	~
California	1.7 (1.5- 1.9)	1.8 (1.6- 2.0)	2.8 (1.8- 4.0)	0.8 (0.5- 1.3)
Hawaii	~	~	~	~
Oregon	2.0 (1.5- 2.8)	2.0 (1.4- 2.8)	~	~
Washington	2.0 (1.5- 2.6)	1.8 (1.4- 2.4)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.4.1.1M: Cancer of the Stomach. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	10.1 (10.0- 10.3)	9.2 (9.0- 9.4)	17.0 (16.1- 17.9)	15.0 (14.0- 16.0)
Northeast	12.3 (11.9- 12.8)	11.4 (11.0- 11.9)	17.2 (15.2- 19.4)	19.0 (16.3- 22.0)
New England	12.1 (11.2- 13.0)	11.5 (10.6- 12.4)	18.3 (12.7- 26.5)	22.3 (14.4- 34.0)
Connecticut	13.4 (11.6- 15.4)	12.5 (10.8- 14.5)	23.1 (13.9- 39.2)	~
Maine	10.2 (7.8- 13.2)	10.3 (7.8- 13.3)	~	~
Massachusetts	12.1 (10.8- 13.5)	11.4 (10.1- 12.8)	~	-
New Hampshire	9.6 (7.1- 12.7)	9.1 (6.8- 12.2)	~	-
Rhode Island	13.4 (10.3- 17.1)	13.4 (10.3- 17.3)	~	~
Vermont	11.0 (7.4- 15.9)	10.8 (7.2- 15.7)	~	~
Middle Atlantic	12.4 (11.9- 12.9)	11.4 (10.9- 11.9)	17.0 (15.0- 19.4)	18.5 (15.8- 21.8)
New Jersey	13.5 (12.3- 14.8)	12.2 (11.0- 13.5)	20.3 (15.6- 26.4)	19.0 (13.6- 26.5)
New York	13.3 (12.5- 14.1)	12.3 (11.4- 13.1)	16.1 (13.4- 19.2)	17.7 (14.5- 21.6)
Pennsylvania	10.6 (9.7- 11.4)	9.8 (9.0- 10.7)	16.3 (12.4- 21.3)	-
Midwest	9.2 (8.8- 9.6)	8.5 (8.1- 8.9)	16.3 (14.4- 18.3)	15.8 (12.1- 20.6)
East North Central	9.5 (9.1- 10.0)	8.7 (8.3- 9.2)	16.6 (14.6- 18.9)	14.9 (10.9- 20.3)
Illinois	10.4 (9.5- 11.3)	9.2 (8.3- 10.2)	17.5 (14.1- 21.8)	-
Indiana	8.2 (7.2- 9.5)	8.1 (7.0- 9.4)	11.4 (6.4- 19.2)	~
Michigan	9.5 (8.6- 10.6)	8.6 (7.7- 9.6)	17.0 (13.1- 21.8)	~
Detroit	11.6 (9.9- 13.4)	10.5 (8.8- 12.5)	15.5 (11.3- 21.0)	-
Ohio	8.8 (8.0- 9.7)	7.7 (6.9- 8.5)	18.1 (14.0- 23.2)	~
Wisconsin	10.6 (9.4- 12.0)	10.5 (9.2- 11.9)	~	~
West North Central	8.4 (7.7- 9.0)	8.0 (7.4- 8.7)	14.2 (9.9- 20.0)	19.9 (11.2- 34.2)
Iowa	7.7 (6.3- 9.3)	7.6 (6.2- 9.2)	~	~
Kansas	8.3 (6.7- 10.1)	7.6 (6.0- 9.4)	~	~
Minnesota	9.0 (7.7- 10.4)	8.6 (7.3- 10.0)	~	~
Missouri	8.3 (7.2- 9.5)	7.9 (6.8- 9.2)	11.6 (6.9- 18.7)	~
Nebraska	8.5 (6.6- 10.9)	8.4 (6.4- 10.8)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	13.7 (9.3- 19.6)	~	14.7 (9.2- 22.9)	~
Florida	9.9 (9.2- 10.5)	9.1 (8.5- 9.8)	18.6 (15.3- 22.6)	-
Georgia	8.7 (7.6- 9.9)	6.5 (5.4- 7.7)	17.4 (14.0- 21.7)	~
Atlanta	7.9 (6.1- 10.4)	4.2 (2.7- 6.5)	19.6 (13.1- 28.9)	~
Maryland				
North Carolina	8.2 (7.2- 9.3)	6.6 (5.7- 7.7)	15.7 (12.4- 19.8)	~
South Carolina	9.9 (8.4- 11.6)	7.7 (6.2- 9.4)	16.7 (12.6- 21.9)	-
Virginia				
West Virginia	8.9 (7.0- 11.2)	9.1 (7.1- 11.4)	~	~
East South Central				
Alabama	9.5 (8.2- 11.1)	7.3 (6.0- 8.8)	19.2 (14.9- 24.4)	~
Kentucky	9.4 (8.0- 11.0)	8.8 (7.4- 10.4)	20.0 (11.9- 32.7)	-
Mississippi				
Tennessee				

continued

Table 2.4.1.1M: Cancer of the Stomach. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	9.5 (9.0- 10.1)	8.3 (7.8- 8.9)	19.0 (16.6- 21.8)	15.4 (13.4- 17.7)
Arkansas	8.1 (6.6- 10.0)	7.2 (5.7- 9.1)	17.3 (10.6- 27.0)	~
Louisiana	11.2 (9.7- 12.9)	8.7 (7.1- 10.5)	20.1 (15.9- 25.2)	-
Oklahoma	8.3 (6.9- 9.9)	7.4 (6.0- 9.0)	~	~
Texas	9.7 (9.0- 10.4)	8.6 (7.9- 9.4)	18.9 (15.4- 22.9)	15.6 (13.5- 18.0)
West	10.0 (9.6- 10.4)	9.0 (8.6- 9.4)	14.4 (12.0- 17.3)	14.6 (13.1- 16.2)
Mountain	8.0 (7.4- 8.7)	7.7 (7.0- 8.4)	13.0 (6.8- 23.5)	13.6 (11.0- 16.9)
Arizona	7.7 (6.6- 8.9)	7.4 (6.3- 8.6)	~	12.3 (7.8- 19.0)
Colorado	7.5 (6.2- 9.1)	7.2 (5.9- 8.7)	~	11.7 (6.7- 20.2)
Idaho	7.0 (5.0- 9.7)	6.8 (4.8- 9.5)	~	~
Montana	8.9 (6.3- 12.3)	8.9 (6.3- 12.4)	~	-
Nevada	9.0 (7.1- 11.4)	8.6 (6.7- 11.1)	~	-
New Mexico	10.7 (8.5- 13.4)	10.1 (7.9- 12.9)	~	15.5 (11.0- 21.7)
Utah	7.3 (5.4- 9.7)	6.8 (5.0- 9.1)	~	~
Wyoming	~	~	~	~
Pacific	10.9 (10.4- 11.4)	9.6 (9.1- 10.1)	14.8 (12.2- 18.0)	14.9 (13.2- 16.8)
Alaska	12.3 (7.2- 21.0)	7.8 (4.1- 16.3)	~	-
California	11.2 (10.6- 11.8)	10.2 (9.6- 10.8)	15.2 (12.4- 18.6)	15.2 (13.4- 17.1)
San Francisco-Oakland	12.2 (10.6- 14.0)	10.1 (8.4- 12.1)	18.2 (11.9- 27.3)	17.9 (11.4- 27.4)
San Jose-Monterey	10.0 (8.0- 12.4)	8.8 (6.7- 11.4)	~	~
Los Angeles	13.5 (12.3- 14.9)	12.4 (11.1- 13.9)	13.2 (9.5- 18.2)	16.0 (13.2- 19.5)
Hawaii	17.0 (13.8- 20.8)	~	~	-
Oregon	7.3 (6.0- 8.8)	6.7 (5.5- 8.2)	~	~
Washington	9.4 (8.3- 10.8)	8.7 (7.5- 10.0)	~	~
Seattle-Puget Sound	10.1 (8.6- 11.8)	9.2 (7.7- 11.0)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.4.1.1F: Cancer of the Stomach. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	4.8 (4.7- 4.9)	4.1 (4.0- 4.3)	8.7 (8.2- 9.2)	8.4 (7.8- 9.0)
Northeast	5.8 (5.5- 6.0)	5.1 (4.9- 5.4)	9.9 (8.8- 11.1)	9.3 (7.8- 11.0)
New England	5.2 (4.7- 5.7)	5.0 (4.5- 5.5)	7.4 (4.6- 11.3)	11.8 (7.0- 18.8)
Connecticut	5.5 (4.6- 6.6)	5.3 (4.4- 6.5)	~	~
Maine	4.3 (3.0- 6.1)	4.3 (3.0- 6.2)	~	~
Massachusetts	5.2 (4.5- 6.0)	4.9 (4.3- 5.7)	~	-
New Hampshire	3.4 (2.1- 5.2)	3.3 (2.1- 5.1)	~	-
Rhode Island	7.9 (5.9- 10.4)	7.5 (5.6- 10.1)	~	~
Vermont	4.2 (2.4- 7.2)	4.2 (2.4- 7.3)	~	~
Middle Atlantic	6.0 (5.7- 6.3)	5.2 (4.9- 5.5)	10.1 (9.0- 11.4)	9.0 (7.4- 10.7)
New Jersey	5.9 (5.2- 6.6)	4.9 (4.3- 5.7)	10.9 (8.2- 14.1)	6.0 (3.7- 9.5)
New York	6.7 (6.3- 7.2)	5.7 (5.3- 6.3)	10.7 (9.1- 12.5)	10.2 (8.2- 12.5)
Pennsylvania	4.9 (4.5- 5.4)	4.6 (4.2- 5.1)	8.0 (5.9- 10.6)	-
Midwest	4.1 (3.9- 4.3)	3.6 (3.4- 3.8)	8.5 (7.4- 9.7)	8.1 (6.0- 11.0)
East North Central	4.2 (4.0- 4.5)	3.7 (3.5- 4.0)	8.6 (7.4- 9.9)	8.6 (6.0- 11.9)
Illinois	5.2 (4.7- 5.8)	4.5 (4.0- 5.1)	9.5 (7.5- 12.0)	-
Indiana	3.4 (2.8- 4.0)	3.1 (2.5- 3.7)	8.9 (5.3- 14.0)	~
Michigan	4.4 (3.9- 5.0)	3.8 (3.3- 4.4)	8.8 (6.6- 11.6)	~
Detroit	5.6 (4.7- 6.7)	4.8 (3.9- 6.0)	9.2 (6.6- 12.4)	-
Ohio	3.8 (3.3- 4.3)	3.3 (2.9- 3.8)	6.3 (4.5- 8.7)	~
Wisconsin	3.7 (3.1- 4.5)	3.4 (2.8- 4.2)	~	~
West North Central	3.7 (3.3- 4.1)	3.3 (3.0- 3.7)	8.3 (5.7- 11.6)	~
Iowa	3.0 (2.3- 4.0)	2.9 (2.2- 3.9)	~	~
Kansas	3.5 (2.6- 4.6)	3.1 (2.3- 4.2)	~	~
Minnesota	3.9 (3.2- 4.7)	3.6 (2.9- 4.4)	~	~
Missouri	3.9 (3.3- 4.6)	3.3 (2.7- 4.0)	8.7 (5.6- 13.0)	~
Nebraska	4.0 (2.9- 5.4)	3.6 (2.6- 5.1)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	7.4 (4.8- 11.2)	~	9.3 (5.8- 14.8)	~
Florida	4.6 (4.2- 5.0)	4.2 (3.8- 4.6)	9.2 (7.3- 11.5)	-
Georgia	4.3 (3.7- 5.0)	2.9 (2.3- 3.6)	8.8 (7.0- 11.0)	~
Atlanta	4.4 (3.2- 5.8)	2.4 (1.5- 3.8)	9.5 (6.2- 14.0)	~
Maryland				
North Carolina	4.2 (3.6- 4.9)	3.5 (2.9- 4.2)	6.7 (5.1- 8.7)	~
South Carolina	4.9 (4.0- 5.9)	3.8 (2.9- 4.8)	8.4 (6.1- 11.2)	-
Virginia				
West Virginia	4.3 (3.2- 5.7)	4.3 (3.2- 5.8)	~	~
East South Central				
Alabama	4.9 (4.1- 5.8)	4.5 (3.7- 5.6)	6.3 (4.4- 8.8)	~
Kentucky	3.2 (2.5- 4.0)	3.0 (2.3- 3.8)	~	-
Mississippi				
Tennessee				

continued

Table 2.4.1.1F: Cancer of the Stomach. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	4.6 (4.2- 4.9)	3.9 (3.6- 4.3)	9.0 (7.7- 10.5)	8.1 (6.8- 9.5)
Arkansas	4.7 (3.7- 5.9)	3.8 (2.8- 4.9)	10.4 (6.3- 16.2)	~
Louisiana	5.3 (4.4- 6.3)	4.1 (3.2- 5.2)	9.0 (6.7- 11.7)	-
Oklahoma	3.5 (2.7- 4.4)	3.0 (2.2- 3.9)	~	~
Texas	4.6 (4.2- 5.0)	4.1 (3.7- 4.5)	8.8 (7.0- 10.9)	7.9 (6.7- 9.4)
West	4.9 (4.6- 5.1)	4.1 (3.9- 4.4)	8.2 (6.7- 10.1)	9.1 (8.2- 10.2)
Mountain	3.8 (3.4- 4.2)	3.6 (3.2- 4.0)	~	6.9 (5.3- 8.9)
Arizona	3.6 (2.9- 4.3)	3.2 (2.5- 3.9)	~	5.9 (3.4- 9.7)
Colorado	4.0 (3.2- 5.0)	3.9 (3.1- 4.9)	~	14.0 (8.9- 21.0)
Idaho	3.2 (1.9- 4.9)	3.2 (2.0- 5.0)	~	~
Montana	6.0 (4.0- 8.7)	5.8 (3.8- 8.6)	~	-
Nevada	4.4 (3.2- 6.0)	4.3 (3.0- 5.9)	~	-
New Mexico	3.4 (2.4- 4.8)	3.0 (2.0- 4.5)	~	~
Utah	3.3 (2.2- 4.7)	3.4 (2.2- 4.9)	~	~
Wyoming	~	~	~	~
Pacific	5.3 (5.0- 5.6)	4.3 (4.0- 4.6)	8.3 (6.6- 10.3)	9.9 (8.7- 11.2)
Alaska	~	~	~	-
California	5.5 (5.2- 5.9)	4.7 (4.3- 5.1)	8.7 (6.9- 10.8)	9.9 (8.7- 11.2)
San Francisco-Oakland	5.2 (4.4- 6.3)	3.8 (2.9- 4.9)	10.4 (6.4- 16.0)	9.5 (5.7- 14.9)
San Jose-Monterey	5.2 (4.0- 6.8)	3.9 (2.7- 5.5)	~	10.6 (5.9- 17.8)
Los Angeles	7.6 (6.9- 8.5)	6.6 (5.7- 7.5)	9.7 (7.0- 13.1)	10.7 (8.9- 12.9)
Hawaii	13.2 (10.7- 16.2)	~	~	-
Oregon	3.1 (2.4- 4.0)	2.9 (2.2- 3.8)	~	~
Washington	3.9 (3.2- 4.7)	3.4 (2.8- 4.1)	~	~
Seattle-Puget Sound	4.0 (3.2- 5.0)	3.4 (2.6- 4.3)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.4.1.2M: Cancer of the Stomach. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	6.1 (5.9- 6.2)	5.4 (5.2- 5.5)	12.0 (11.3- 12.7)	9.2 (8.4- 10.0)
Northeast	6.9 (6.5- 7.2)	6.5 (6.1- 6.8)	10.9 (9.3- 12.7)	7.1 (5.4- 9.2)
New England	7.2 (6.5- 7.9)	7.0 (6.4- 7.8)	12.3 (7.4- 19.9)	~
Connecticut	7.9 (6.5- 9.4)	7.8 (6.4- 9.4)	~	~
Maine	7.1 (5.1- 9.7)	6.9 (4.9- 9.5)	~	~
Massachusetts	7.0 (6.0- 8.0)	6.9 (5.9- 8.0)	~	~
New Hampshire	4.8 (3.1- 7.3)	4.8 (3.1- 7.2)	~	~
Rhode Island	8.7 (6.3- 11.8)	8.4 (6.0- 11.6)	~	~
Vermont	6.8 (4.0- 11.1)	6.9 (4.1- 11.2)	~	~
Middle Atlantic	6.8 (6.4- 7.2)	6.2 (5.8- 6.6)	10.7 (9.1- 12.7)	7.3 (5.5- 9.5)
New Jersey	7.4 (6.5- 8.3)	6.7 (5.8- 7.7)	13.4 (9.5- 18.9)	~
New York	7.2 (6.6- 7.8)	6.6 (6.0- 7.2)	10.1 (8.1- 12.7)	7.1 (5.1- 9.9)
Pennsylvania	5.8 (5.2- 6.5)	5.6 (5.0- 6.2)	9.7 (6.6- 13.9)	~
Midwest	5.4 (5.1- 5.7)	5.0 (4.7- 5.3)	10.4 (8.9- 12.2)	8.2 (5.7- 11.8)
East North Central	5.6 (5.2- 5.9)	5.1 (4.8- 5.5)	10.6 (9.0- 12.5)	8.3 (5.5- 12.7)
Illinois	6.6 (5.9- 7.3)	5.8 (5.1- 6.6)	12.4 (9.5- 16.2)	7.2 (3.9- 13.2)
Indiana	5.0 (4.2- 6.0)	4.8 (4.0- 5.8)	~	~
Michigan	5.3 (4.6- 6.1)	4.8 (4.1- 5.6)	9.7 (6.8- 13.6)	~
Ohio	5.2 (4.6- 5.9)	4.7 (4.1- 5.4)	9.7 (6.8- 13.7)	~
Wisconsin	5.4 (4.5- 6.5)	5.1 (4.2- 6.1)	~	~
West North Central	4.9 (4.4- 5.4)	4.7 (4.3- 5.2)	9.8 (6.2- 15.0)	~
Iowa	4.5 (3.5- 5.8)	4.4 (3.3- 5.6)	~	~
Kansas	5.3 (4.1- 6.8)	5.0 (3.8- 6.5)	~	~
Minnesota	5.3 (4.3- 6.4)	5.1 (4.2- 6.3)	~	~
Missouri	4.4 (3.6- 5.4)	4.2 (3.4- 5.1)	~	~
Nebraska	4.3 (3.0- 6.1)	4.5 (3.1- 6.3)	~	~
North Dakota	7.2 (4.6- 10.9)	7.0 (4.4- 10.8)	~	~
South Dakota	5.2 (3.1- 8.2)	4.8 (2.8- 7.8)	~	~
South	6.0 (5.7- 6.2)	4.9 (4.7- 5.1)	13.2 (12.2- 14.3)	8.9 (7.8- 10.2)
South Atlantic	6.0 (5.6- 6.3)	4.8 (4.5- 5.1)	13.1 (11.8- 14.6)	6.0 (4.7- 7.7)
Delaware	7.3 (4.7- 11.1)	7.8 (5.0- 12.0)	~	~
District of Columbia	9.4 (5.8- 14.6)	~	13.3 (8.0- 21.3)	~
Florida	6.1 (5.6- 6.7)	5.4 (4.9- 5.9)	14.6 (11.7- 18.1)	6.5 (5.0- 8.4)
Georgia	5.6 (4.7- 6.6)	4.0 (3.2- 5.0)	11.2 (8.4- 14.7)	~
Maryland	5.5 (4.5- 6.6)	4.0 (3.1- 5.2)	11.0 (7.8- 15.3)	~
North Carolina	5.2 (4.4- 6.1)	3.8 (3.1- 4.7)	12.0 (9.1- 15.7)	~
South Carolina	6.4 (5.2- 7.8)	4.1 (3.0- 5.5)	15.0 (11.1- 20.0)	~
Virginia	6.6 (5.7- 7.7)	5.0 (4.1- 6.1)	15.2 (11.5- 19.9)	~
West Virginia	5.0 (3.6- 6.8)	4.8 (3.4- 6.6)	~	~
East South Central	5.5 (4.9- 6.1)	4.4 (3.9- 5.0)	12.1 (10.0- 14.6)	~
Alabama	5.7 (4.6- 6.9)	4.3 (3.3- 5.6)	11.8 (8.5- 16.1)	~
Kentucky	4.9 (3.9- 6.1)	4.7 (3.7- 5.9)	~	~
Mississippi	6.9 (5.4- 8.7)	4.5 (3.1- 6.3)	14.2 (10.1- 19.6)	~
Tennessee	5.1 (4.2- 6.2)	4.3 (3.4- 5.4)	11.1 (7.3- 16.4)	~
West South Central	6.3 (5.9- 6.8)	5.3 (4.9- 5.8)	14.4 (12.2- 16.8)	11.5 (9.7- 13.7)
Arkansas	4.5 (3.4- 5.9)	3.8 (2.7- 5.2)	~	~

continued

Table 2.4.1.2M: Cancer of the Stomach. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	7.5 (6.2- 9.0)	4.8 (3.7- 6.3)	16.3 (12.4- 21.1)	~
Oklahoma	4.4 (3.4- 5.7)	3.8 (2.8- 5.1)	~	~
Texas	6.8 (6.2- 7.4)	6.0 (5.4- 6.7)	14.1 (11.2- 17.7)	11.9 (10.0- 14.1)
West	6.2 (5.9- 6.5)	5.5 (5.1- 5.8)	10.6 (8.5- 13.2)	10.3 (9.1- 11.7)
Mountain	4.7 (4.2- 5.2)	4.4 (3.9- 4.9)	~	8.5 (6.4- 11.2)
Arizona	5.2 (4.3- 6.2)	4.8 (4.0- 5.9)	~	9.2 (5.3- 15.6)
Colorado	4.6 (3.6- 5.8)	4.5 (3.4- 5.7)	~	~
Idaho	~	~	~	~
Montana	6.0 (3.8- 9.0)	5.4 (3.4- 8.3)	~	~
Nevada	4.9 (3.5- 7.0)	4.3 (2.9- 6.3)	~	~
New Mexico	5.2 (3.7- 7.1)	4.8 (3.4- 6.8)	~	8.5 (5.2- 13.6)
Utah	3.9 (2.6- 5.8)	3.8 (2.4- 5.6)	~	~
Wyoming	~	~	~	~
Pacific	6.8 (6.5- 7.2)	6.0 (5.6- 6.4)	11.8 (9.4- 14.8)	11.0 (9.5- 12.7)
Alaska	~	~	~	~
California	7.3 (6.8- 7.8)	6.5 (6.0- 7.0)	12.0 (9.5- 15.2)	11.2 (9.7- 13.0)
Hawaii	10.0 (7.6- 13.0)	~	~	~
Oregon	3.8 (2.9- 4.9)	3.5 (2.6- 4.7)	~	~
Washington	5.3 (4.4- 6.4)	4.7 (3.9- 5.8)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.4.1.2F: Cancer of the Stomach. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	3.1 (3.0- 3.2)	2.7 (2.6- 2.8)	5.8 (5.4- 6.2)	5.2 (4.8- 5.7)
Northeast	3.4 (3.2- 3.6)	3.2 (3.0- 3.4)	5.4 (4.5- 6.3)	3.8 (2.9- 5.0)
New England	3.4 (3.0- 3.8)	3.3 (2.9- 3.7)	5.5 (3.1- 9.1)	~
Connecticut	3.2 (2.5- 4.1)	3.1 (2.4- 4.0)	~	~
Maine	2.8 (1.8- 4.3)	2.8 (1.8- 4.4)	~	~
Massachusetts	3.5 (3.0- 4.1)	3.3 (2.8- 4.0)	~	~
New Hampshire	2.3 (1.3- 3.8)	2.3 (1.4- 3.9)	~	~
Rhode Island	5.5 (3.9- 7.7)	5.1 (3.6- 7.3)	~	~
Vermont	~	~	~	~
Middle Atlantic	3.5 (3.2- 3.7)	3.2 (3.0- 3.4)	5.3 (4.5- 6.3)	4.0 (3.0- 5.2)
New Jersey	3.5 (3.0- 4.0)	2.9 (2.5- 3.5)	6.1 (4.1- 8.7)	~
New York	3.8 (3.5- 4.2)	3.7 (3.3- 4.1)	5.1 (4.0- 6.4)	4.4 (3.2- 6.0)
Pennsylvania	2.9 (2.6- 3.3)	2.7 (2.4- 3.1)	5.3 (3.6- 7.5)	~
Midwest	2.7 (2.5- 2.9)	2.4 (2.2- 2.6)	5.4 (4.6- 6.4)	4.8 (3.3- 7.0)
East North Central	2.9 (2.7- 3.1)	2.6 (2.4- 2.8)	5.8 (4.9- 6.9)	5.2 (3.4- 7.8)
Illinois	3.6 (3.2- 4.1)	3.1 (2.7- 3.6)	6.6 (5.0- 8.7)	4.1 (2.4- 7.4)
Indiana	2.3 (1.9- 2.9)	2.2 (1.7- 2.8)	~	~
Michigan	3.0 (2.6- 3.5)	2.6 (2.2- 3.1)	5.3 (3.7- 7.5)	~
Ohio	2.5 (2.1- 2.9)	2.2 (1.8- 2.6)	6.0 (4.2- 8.4)	~
Wisconsin	2.7 (2.1- 3.3)	2.6 (2.1- 3.3)	~	~
West North Central	2.2 (1.9- 2.5)	2.1 (1.8- 2.4)	~	~
Iowa	1.6 (1.1- 2.2)	1.5 (1.0- 2.2)	~	~
Kansas	2.3 (1.6- 3.2)	2.4 (1.6- 3.4)	~	~
Minnesota	2.7 (2.1- 3.4)	2.5 (1.9- 3.1)	~	~
Missouri	2.3 (1.8- 2.9)	2.1 (1.6- 2.7)	~	~
Nebraska	2.2 (1.4- 3.4)	2.1 (1.3- 3.2)	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	3.1 (2.9- 3.2)	2.5 (2.3- 2.6)	6.3 (5.7- 6.8)	4.5 (3.8- 5.2)
South Atlantic	3.1 (2.9- 3.3)	2.4 (2.3- 2.6)	6.2 (5.5- 6.9)	3.0 (2.2- 4.0)
Delaware	~	~	~	~
District of Columbia	5.4 (3.3- 8.8)	~	7.6 (4.5- 12.8)	~
Florida	2.7 (2.4- 3.0)	2.5 (2.2- 2.8)	5.7 (4.2- 7.5)	2.7 (1.9- 3.8)
Georgia	2.9 (2.4- 3.5)	2.2 (1.7- 2.8)	5.4 (4.0- 7.2)	~
Maryland	3.9 (3.3- 4.7)	2.7 (2.1- 3.5)	7.4 (5.4- 10.1)	~
North Carolina	3.4 (2.9- 4.0)	2.6 (2.1- 3.2)	6.9 (5.2- 9.0)	~
South Carolina	3.5 (2.8- 4.3)	2.6 (1.9- 3.5)	6.2 (4.3- 8.7)	~
Virginia	3.0 (2.5- 3.6)	2.4 (1.9- 3.1)	5.8 (4.1- 8.0)	~
West Virginia	2.3 (1.5- 3.4)	2.2 (1.4- 3.3)	~	~
East South Central	2.9 (2.6- 3.2)	2.3 (2.0- 2.7)	5.6 (4.5- 6.9)	~
Alabama	3.1 (2.5- 3.8)	2.2 (1.6- 2.9)	6.4 (4.5- 8.9)	~
Kentucky	2.4 (1.8- 3.1)	2.4 (1.8- 3.2)	~	~
Mississippi	3.5 (2.6- 4.5)	2.3 (1.5- 3.4)	5.8 (3.8- 8.5)	~
Tennessee	2.8 (2.3- 3.4)	2.4 (1.9- 3.1)	5.2 (3.2- 8.0)	~
West South Central	3.1 (2.9- 3.4)	2.6 (2.4- 2.9)	7.1 (5.9- 8.4)	5.8 (4.7- 7.0)
Arkansas	2.9 (2.1- 3.8)	2.3 (1.6- 3.3)	~	~

continued

Table 2.4.1.2F: Cancer of the Stomach. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	3.3 (2.6- 4.1)	2.2 (1.5- 3.0)	6.9 (4.9- 9.3)	~
Oklahoma	2.3 (1.7- 3.0)	2.0 (1.4- 2.8)	~	~
Texas	3.3 (3.0- 3.7)	2.9 (2.5- 3.2)	7.6 (5.9- 9.6)	5.8 (4.7- 7.1)
West	3.2 (3.0- 3.4)	2.8 (2.6- 3.0)	4.8 (3.6- 6.2)	6.6 (5.8- 7.5)
Mountain	2.5 (2.2- 2.8)	2.4 (2.0- 2.7)	~	6.3 (4.7- 8.3)
Arizona	2.4 (1.9- 3.0)	2.1 (1.6- 2.7)	~	~
Colorado	2.5 (1.9- 3.3)	2.4 (1.7- 3.2)	~	9.5 (5.4- 15.8)
Idaho	2.6 (1.5- 4.1)	~	~	~
Montana	~	~	~	~
Nevada	2.3 (1.4- 3.5)	2.2 (1.3- 3.5)	~	~
New Mexico	3.3 (2.2- 4.7)	3.2 (2.1- 4.6)	~	7.4 (4.5- 11.4)
Utah	2.2 (1.4- 3.5)	2.3 (1.4- 3.6)	~	~
Wyoming	~	~	~	~
Pacific	3.5 (3.3- 3.8)	3.1 (2.8- 3.3)	4.9 (3.6- 6.5)	6.7 (5.7- 7.7)
Alaska	~	~	~	~
California	3.8 (3.5- 4.1)	3.4 (3.1- 3.7)	5.0 (3.7- 6.7)	6.7 (5.7- 7.8)
Hawaii	5.4 (3.8- 7.5)	~	~	~
Oregon	1.9 (1.4- 2.6)	1.8 (1.2- 2.5)	~	~
Washington	2.9 (2.3- 3.5)	2.5 (2.0- 3.2)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.5.1.1M: Cancer of the Colon and Rectum. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	62.7 (62.2- 63.2)	62.2 (61.7- 62.7)	66.7 (64.9- 68.5)	51.6 (49.9- 53.5)
Northeast	70.3 (69.3- 71.4)	70.3 (69.2- 71.4)	64.8 (61.1- 68.8)	62.4 (57.3- 67.9)
New England	69.0 (67.0- 71.1)	69.2 (67.1- 71.3)	52.1 (42.2- 64.4)	66.7 (52.9- 83.9)
Connecticut	66.7 (62.7- 70.9)	67.2 (63.0- 71.6)	49.9 (35.8- 70.3)	69.3 (48.0- 99.9)
Maine	64.4 (58.2- 71.2)	64.6 (58.3- 71.4)	~	~
Massachusetts	71.8 (68.7- 75.0)	72.0 (68.8- 75.3)	54.9 (40.7- 73.8)	-
New Hampshire	63.6 (56.9- 70.9)	62.5 (55.8- 69.8)	~	-
Rhode Island	74.6 (67.0- 82.8)	75.8 (68.0- 84.3)	~	~
Vermont	64.0 (54.8- 74.5)	64.6 (55.3- 75.2)	~	~
Middle Atlantic	70.8 (69.5- 72.0)	70.7 (69.4- 72.1)	66.3 (62.3- 70.6)	61.8 (56.4- 67.8)
New Jersey	71.9 (69.2- 74.8)	71.5 (68.6- 74.6)	74.9 (65.6- 85.4)	63.1 (52.1- 76.2)
New York	68.5 (66.7- 70.3)	68.7 (66.7- 70.7)	60.0 (54.9- 65.5)	58.7 (52.3- 65.8)
Pennsylvania	73.1 (71.0- 75.3)	72.8 (70.6- 75.1)	73.9 (65.4- 83.4)	-
Midwest	65.7 (64.7- 66.7)	64.6 (63.6- 65.6)	72.8 (68.9- 77.0)	49.3 (42.6- 56.9)
East North Central	65.6 (64.4- 66.8)	64.2 (63.0- 65.4)	73.6 (69.3- 78.1)	49.3 (41.9- 58.0)
Illinois	69.1 (66.8- 71.5)	68.1 (65.6- 70.6)	73.4 (66.2- 81.4)	-
Indiana	68.5 (65.3- 71.9)	67.4 (64.1- 70.8)	84.7 (70.0- 102.0)	50.2 (28.7- 87.5)
Michigan	61.0 (58.6- 63.4)	59.3 (56.8- 61.8)	70.8 (62.8- 79.6)	56.6 (37.1- 85.4)
Detroit	67.4 (63.4- 71.5)	64.8 (60.5- 69.4)	78.8 (69.1- 89.7)	-
Ohio	64.3 (62.1- 66.6)	61.9 (59.7- 64.3)	72.7 (64.5- 81.9)	43.4 (25.8- 73.4)
Wisconsin	65.7 (62.5- 69.0)	65.5 (62.2- 68.9)	72.9 (50.8- 104.4)	66.9 (38.6- 115.3)
West North Central	65.9 (64.2- 67.8)	65.6 (63.8- 67.4)	68.4 (58.8- 79.5)	48.8 (34.8- 67.9)
Iowa	71.3 (67.0- 75.9)	71.0 (66.6- 75.6)	~	~
Kansas	65.5 (61.0- 70.3)	65.3 (60.7- 70.2)	60.4 (39.6- 89.8)	~
Minnesota	60.1 (56.8- 63.6)	59.5 (56.2- 62.9)	48.0 (25.1- 92.5)	~
Missouri	67.9 (64.7- 71.2)	67.9 (64.5- 71.3)	72.3 (59.9- 86.9)	60.8 (33.4- 113.3)
Nebraska	65.7 (60.1- 71.8)	64.9 (59.3- 71.0)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	66.1 (55.7- 77.9)	47.9 (33.4- 68.2)	72.4 (59.1- 88.1)	~
Florida	61.3 (59.7- 63.0)	60.8 (59.2- 62.6)	63.4 (57.2- 70.1)	-
Georgia	61.0 (58.1- 64.1)	57.8 (54.7- 61.2)	76.4 (68.8- 84.8)	39.4 (20.5- 71.3)
Atlanta	59.1 (53.6- 65.1)	52.0 (46.1- 58.5)	89.0 (74.2- 106.5)	~
Maryland				
North Carolina	55.5 (53.0- 58.2)	55.5 (52.7- 58.5)	56.3 (49.9- 63.3)	~
South Carolina	62.4 (58.6- 66.5)	60.4 (56.1- 64.9)	69.6 (61.2- 79.2)	-
Virginia				
West Virginia	68.6 (63.3- 74.3)	69.2 (63.8- 75.0)	~	~
East South Central				
Alabama	61.0 (57.5- 64.7)	62.2 (58.3- 66.3)	55.6 (48.1- 64.1)	~
Kentucky	75.9 (71.8- 80.3)	75.0 (70.8- 79.5)	80.4 (62.7- 102.3)	-
Mississippi				
Tennessee				

continued

Table 2.5.1.1M: Cancer of the Colon and Rectum. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	59.0 (57.6- 60.4)	57.6 (56.2- 59.1)	70.4 (65.7- 75.3)	48.6 (45.0- 52.6)
Arkansas	54.6 (50.6- 58.9)	53.7 (49.5- 58.2)	60.0 (46.8- 76.0)	~
Louisiana	72.0 (68.0- 76.2)	69.7 (65.2- 74.5)	80.5 (71.9- 89.9)	-
Oklahoma	63.5 (59.5- 67.7)	64.2 (60.0- 68.7)	74.2 (55.0- 98.7)	~
Texas	55.6 (53.9- 57.3)	54.4 (52.7- 56.3)	65.0 (58.9- 71.7)	48.1 (44.4- 52.1)
West	54.7 (53.8- 55.6)	54.4 (53.4- 55.4)	57.7 (52.7- 63.1)	46.5 (43.9- 49.3)
Mountain	51.5 (49.9- 53.2)	51.6 (49.9- 53.3)	54.6 (42.2- 70.7)	53.0 (47.5- 59.0)
Arizona	51.6 (48.8- 54.6)	52.2 (49.2- 55.3)	66.9 (42.9- 102.3)	47.5 (38.3- 58.7)
Colorado	52.6 (49.0- 56.4)	51.9 (48.3- 55.8)	26.3 (14.2- 52.1)	62.5 (50.1- 78.1)
Idaho	49.9 (44.1- 56.3)	50.0 (44.1- 56.4)	~	~
Montana	62.7 (55.5- 70.6)	62.2 (54.9- 70.2)	~	-
Nevada	55.9 (50.8- 61.5)	56.0 (50.7- 61.8)	69.8 (41.6- 115.8)	-
New Mexico	47.1 (42.4- 52.3)	48.1 (43.1- 53.5)	~	53.2 (44.1- 63.8)
Utah	44.5 (39.7- 49.7)	43.9 (39.1- 49.2)	~	59.1 (33.0- 107.4)
Wyoming	47.3 (38.6- 57.7)	45.6 (37.0- 56.0)	~	~
Pacific	56.0 (54.9- 57.1)	55.7 (54.5- 57.0)	58.5 (53.1- 64.4)	44.2 (41.2- 47.4)
Alaska	67.7 (54.9- 83.8)	63.2 (49.2- 81.4)	~	-
California	54.8 (53.5- 56.1)	55.0 (53.5- 56.4)	59.0 (53.4- 65.3)	44.5 (41.4- 47.8)
San Francisco-Oakland	53.3 (49.9- 56.9)	52.5 (48.5- 56.8)	53.8 (42.4- 67.8)	61.2 (48.4- 77.0)
San Jose-Monterey	51.7 (47.0- 56.9)	53.4 (48.0- 59.4)	~	45.5 (33.8- 61.3)
Los Angeles	57.7 (55.1- 60.4)	57.1 (54.2- 60.2)	60.0 (51.6- 69.7)	42.3 (37.5- 47.7)
Hawaii	63.1 (56.9- 69.9)	64.2 (51.7- 79.3)	~	-
Oregon	57.0 (53.3- 60.8)	55.2 (51.5- 59.1)	~	~
Washington	59.1 (56.1- 62.3)	58.9 (55.7- 62.1)	61.1 (39.0- 94.8)	51.5 (33.0- 79.2)
Seattle-Puget Sound	58.7 (55.0- 62.6)	59.2 (55.3- 63.3)	65.4 (39.7- 105.6)	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.5.1.1F: Cancer of the Colon and Rectum. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	45.8 (45.4- 46.1)	45.0 (44.6- 45.4)	52.0 (50.7- 53.2)	34.6 (33.4- 35.8)
Northeast	51.4 (50.7- 52.2)	51.3 (50.5- 52.1)	49.3 (46.8- 51.9)	42.4 (39.1- 45.8)
New England	50.2 (48.8- 51.8)	50.1 (48.6- 51.7)	44.4 (37.2- 52.8)	50.6 (40.3- 63.0)
Connecticut	49.6 (46.7- 52.7)	49.0 (46.0- 52.3)	54.1 (42.2- 68.6)	51.1 (34.5- 73.5)
Maine	46.7 (42.2- 51.7)	46.8 (42.3- 51.9)	~	~
Massachusetts	52.4 (50.1- 54.7)	52.5 (50.2- 54.9)	38.0 (28.5- 49.6)	-
New Hampshire	49.2 (44.2- 54.8)	47.9 (42.9- 53.5)	~	-
Rhode Island	49.2 (44.1- 54.8)	49.9 (44.6- 55.8)	~	~
Vermont	42.7 (36.1- 50.2)	43.0 (36.4- 50.7)	~	~
Middle Atlantic	51.8 (50.9- 52.7)	51.8 (50.8- 52.7)	49.8 (47.2- 52.5)	41.3 (38.0- 45.0)
New Jersey	53.6 (51.6- 55.6)	53.5 (51.4- 55.7)	57.4 (51.1- 64.3)	41.1 (34.4- 48.8)
New York	50.0 (48.7- 51.3)	50.1 (48.6- 51.5)	45.7 (42.4- 49.2)	40.3 (36.3- 44.6)
Pennsylvania	53.1 (51.6- 54.7)	52.8 (51.1- 54.4)	53.4 (47.8- 59.5)	-
Midwest	47.7 (47.0- 48.4)	46.6 (45.9- 47.3)	56.3 (53.5- 59.2)	36.3 (31.3- 42.0)
East North Central	47.8 (46.9- 48.6)	46.4 (45.5- 47.3)	56.5 (53.5- 59.7)	32.4 (27.3- 38.4)
Illinois	48.8 (47.2- 50.5)	47.0 (45.3- 48.8)	59.4 (54.3- 65.0)	-
Indiana	49.3 (47.0- 51.7)	48.8 (46.4- 51.3)	56.9 (47.3- 68.0)	~
Michigan	46.4 (44.7- 48.2)	44.5 (42.7- 46.4)	58.2 (52.3- 64.7)	42.7 (28.0- 63.5)
Detroit	51.1 (48.2- 54.1)	48.3 (45.1- 51.7)	63.0 (56.0- 70.7)	-
Ohio	47.6 (46.0- 49.2)	46.4 (44.7- 48.2)	50.0 (44.6- 56.0)	~
Wisconsin	46.7 (44.3- 49.1)	45.6 (43.2- 48.1)	62.9 (47.3- 82.7)	~
West North Central	47.5 (46.2- 48.9)	47.0 (45.6- 48.3)	54.8 (47.9- 62.5)	52.1 (38.7- 69.1)
Iowa	52.7 (49.5- 56.1)	53.0 (49.7- 56.4)	~	~
Kansas	42.8 (39.6- 46.2)	42.3 (39.0- 45.7)	50.2 (33.6- 72.5)	41.5 (22.6- 72.2)
Minnesota	44.5 (42.0- 47.1)	43.9 (41.4- 46.5)	~	~
Missouri	48.9 (46.6- 51.4)	48.0 (45.6- 50.5)	59.6 (50.9- 69.5)	~
Nebraska	48.5 (44.3- 53.0)	47.8 (43.6- 52.4)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	49.5 (42.3- 57.7)	44.7 (32.4- 62.3)	50.9 (42.2- 61.3)	~
Florida	47.0 (45.8- 48.3)	45.8 (44.5- 47.2)	51.7 (47.2- 56.6)	-
Georgia	41.7 (39.7- 43.8)	39.2 (37.0- 41.5)	49.9 (45.4- 54.9)	45.8 (27.9- 72.1)
Atlanta	42.1 (38.4- 46.1)	37.9 (33.7- 42.5)	52.9 (44.9- 62.1)	~
Maryland				
North Carolina	41.4 (39.6- 43.3)	40.1 (38.1- 42.2)	46.8 (42.2- 51.7)	32.4 (16.3- 59.8)
South Carolina	44.6 (41.9- 47.4)	43.2 (40.2- 46.5)	48.7 (43.1- 54.9)	-
Virginia				
West Virginia	53.3 (49.3- 57.7)	53.0 (48.9- 57.4)	67.6 (42.3- 104.2)	~
East South Central				
Alabama	40.8 (38.4- 43.3)	39.4 (36.8- 42.3)	44.8 (39.4- 50.7)	~
Kentucky	52.8 (49.9- 55.8)	52.2 (49.2- 55.3)	66.1 (52.9- 81.7)	-
Mississippi				
Tennessee				

continued

Table 2.5.1.1F: Cancer of the Colon and Rectum. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	41.4 (40.4- 42.4)	39.7 (38.6- 40.7)	55.8 (52.4- 59.3)	29.6 (27.2- 32.1)
Arkansas	44.6 (41.4- 47.9)	42.6 (39.3- 46.2)	61.1 (50.3- 73.7)	~
Louisiana	49.5 (46.7- 52.3)	47.0 (43.8- 50.3)	58.0 (52.1- 64.4)	-
Oklahoma	44.1 (41.3- 47.1)	45.0 (41.9- 48.2)	47.2 (34.8- 62.7)	~
Texas	38.3 (37.1- 39.5)	36.6 (35.3- 37.8)	54.2 (49.6- 59.1)	28.6 (26.2- 31.2)
West	40.0 (39.4- 40.7)	39.4 (38.7- 40.2)	50.9 (47.0- 55.1)	29.8 (28.0- 31.7)
Mountain	39.1 (37.9- 40.4)	39.0 (37.7- 40.3)	49.5 (39.5- 61.4)	32.4 (28.8- 36.4)
Arizona	38.5 (36.3- 40.9)	38.5 (36.2- 40.9)	63.8 (43.8- 90.5)	25.5 (20.2- 32.0)
Colorado	40.3 (37.6- 43.2)	39.4 (36.6- 42.3)	46.9 (30.3- 70.4)	43.1 (34.1- 54.1)
Idaho	41.4 (36.6- 46.6)	41.1 (36.3- 46.4)	~	~
Montana	41.9 (36.6- 47.9)	41.0 (35.7- 47.1)	~	-
Nevada	45.4 (41.2- 49.8)	45.6 (41.3- 50.4)	43.0 (26.4- 67.6)	-
New Mexico	34.5 (30.9- 38.5)	35.2 (31.4- 39.4)	~	31.9 (25.7- 39.1)
Utah	32.8 (29.1- 36.8)	33.2 (29.4- 37.3)	~	~
Wyoming	42.9 (35.3- 51.7)	43.8 (36.1- 52.8)	~	~
Pacific	40.4 (39.6- 41.2)	39.6 (38.7- 40.5)	51.1 (46.8- 55.6)	29.0 (26.9- 31.1)
Alaska	53.3 (43.1- 65.6)	43.0 (32.3- 56.3)	~	-
California	39.6 (38.7- 40.6)	39.1 (38.0- 40.1)	50.3 (46.0- 55.0)	28.8 (26.7- 31.0)
San Francisco-Oakland	39.7 (37.2- 42.4)	37.8 (34.8- 40.9)	45.2 (36.5- 55.4)	35.5 (27.8- 44.8)
San Jose-Monterey	38.3 (34.7- 42.1)	39.7 (35.6- 44.1)	~	30.2 (21.9- 41.1)
Los Angeles	42.4 (40.5- 44.4)	41.3 (39.1- 43.5)	53.1 (46.6- 60.2)	26.4 (23.3- 29.7)
Hawaii	43.4 (38.7- 48.6)	49.2 (39.0- 62.0)	~	-
Oregon	41.1 (38.3- 44.0)	39.6 (36.8- 42.6)	95.9 (55.5- 155.3)	~
Washington	43.1 (40.8- 45.5)	41.9 (39.5- 44.3)	42.3 (26.9- 63.8)	48.3 (31.0- 72.5)
Seattle-Puget Sound	42.5 (39.7- 45.4)	42.0 (39.1- 45.0)	40.4 (24.8- 63.1)	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.5.1.2M: Cancer of the Colon and Rectum. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	24.2 (23.9- 24.5)	23.7 (23.4- 24.0)	33.1 (31.9- 34.4)	17.5 (16.5- 18.7)
Northeast	25.5 (24.9- 26.2)	25.6 (25.0- 26.3)	28.8 (26.2- 31.6)	19.0 (16.1- 22.3)
New England	24.4 (23.1- 25.7)	24.8 (23.5- 26.1)	17.6 (12.0- 25.8)	10.8 (5.9- 19.5)
Connecticut	21.4 (19.1- 23.8)	21.6 (19.3- 24.2)	~	~
Maine	26.2 (22.2- 30.7)	26.1 (22.1- 30.7)	~	~
Massachusetts	25.9 (24.0- 27.9)	26.5 (24.5- 28.6)	19.5 (11.6- 32.3)	~
New Hampshire	26.4 (22.0- 31.5)	26.5 (22.1- 31.7)	~	~
Rhode Island	22.4 (18.3- 27.3)	23.2 (18.9- 28.2)	~	~
Vermont	22.5 (17.0- 29.4)	22.7 (17.1- 29.6)	~	~
Middle Atlantic	25.9 (25.2- 26.7)	26.0 (25.2- 26.8)	30.0 (27.2- 33.1)	20.1 (16.8- 23.8)
New Jersey	26.3 (24.7- 28.1)	26.3 (24.6- 28.2)	32.0 (25.9- 39.4)	15.5 (10.2- 23.1)
New York	24.9 (23.7- 26.0)	25.1 (23.9- 26.3)	27.1 (23.5- 31.1)	21.5 (17.6- 26.3)
Pennsylvania	27.2 (25.9- 28.6)	26.9 (25.6- 28.3)	35.0 (29.1- 42.0)	~
Midwest	25.5 (24.9- 26.1)	24.9 (24.3- 25.6)	35.1 (32.3- 38.2)	13.9 (10.4- 18.5)
East North Central	26.1 (25.3- 26.8)	25.5 (24.7- 26.3)	34.4 (31.4- 37.6)	15.9 (11.6- 21.6)
Illinois	27.7 (26.3- 29.3)	26.9 (25.4- 28.5)	35.5 (30.4- 41.5)	15.2 (9.7- 23.5)
Indiana	27.8 (25.7- 30.0)	27.1 (25.0- 29.4)	39.9 (30.1- 52.5)	~
Michigan	22.9 (21.4- 24.4)	22.6 (21.1- 24.2)	27.2 (22.2- 33.2)	~
Ohio	26.6 (25.1- 28.1)	25.7 (24.2- 27.3)	38.2 (32.2- 45.3)	~
Wisconsin	25.1 (23.0- 27.2)	25.0 (23.0- 27.2)	36.7 (20.5- 63.1)	~
West North Central	24.2 (23.2- 25.3)	23.8 (22.7- 24.9)	39.4 (32.0- 48.3)	~
Iowa	25.0 (22.4- 27.8)	24.8 (22.3- 27.6)	~	~
Kansas	24.7 (22.0- 27.8)	24.2 (21.4- 27.3)	38.4 (21.8- 64.2)	~
Minnesota	20.5 (18.6- 22.6)	20.5 (18.5- 22.6)	~	~
Missouri	26.7 (24.7- 28.9)	25.9 (23.8- 28.2)	39.2 (30.0- 50.7)	~
Nebraska	22.1 (18.8- 25.7)	21.6 (18.4- 25.3)	~	~
North Dakota	24.8 (19.6- 31.0)	25.4 (20.1- 31.8)	~	~
South Dakota	28.5 (23.2- 34.6)	28.0 (22.7- 34.2)	~	~
South	24.3 (23.8- 24.8)	23.1 (22.6- 23.6)	34.1 (32.5- 35.8)	18.7 (16.9- 20.6)
South Atlantic	23.5 (22.8- 24.1)	22.3 (21.6- 22.9)	32.0 (29.9- 34.2)	18.5 (15.9- 21.4)
Delaware	22.7 (17.9- 28.7)	22.0 (16.9- 28.4)	~	~
District of Columbia	31.6 (24.4- 40.4)	26.1 (15.3- 43.0)	34.0 (24.9- 45.8)	~
Florida	21.8 (20.8- 22.8)	21.2 (20.2- 22.3)	29.6 (25.3- 34.6)	19.9 (17.0- 23.2)
Georgia	23.2 (21.4- 25.3)	21.0 (19.0- 23.1)	33.0 (27.9- 38.9)	~
Maryland	26.4 (24.2- 28.9)	24.7 (22.3- 27.4)	35.8 (29.4- 43.4)	~
North Carolina	23.1 (21.4- 24.9)	21.9 (20.1- 23.8)	30.0 (25.2- 35.5)	~
South Carolina	26.2 (23.6- 28.9)	24.5 (21.7- 27.6)	32.6 (26.8- 39.6)	~
Virginia	24.7 (22.8- 26.8)	23.6 (21.6- 25.9)	32.5 (27.2- 38.7)	~
West Virginia	28.3 (24.8- 32.2)	27.8 (24.3- 31.7)	~	~
East South Central	26.2 (25.0- 27.5)	24.3 (23.1- 25.7)	38.2 (34.3- 42.5)	~
Alabama	23.4 (21.2- 25.8)	21.2 (18.9- 23.8)	34.1 (28.1- 41.1)	~
Kentucky	26.3 (23.9- 29.0)	25.9 (23.4- 28.7)	35.4 (23.2- 52.4)	~
Mississippi	27.9 (24.8- 31.3)	24.6 (21.2- 28.5)	37.6 (30.8- 45.7)	~
Tennessee	27.5 (25.3- 29.8)	25.3 (23.1- 27.7)	45.8 (37.5- 55.6)	~
West South Central	24.9 (24.0- 25.8)	23.9 (23.0- 24.9)	36.0 (32.6- 39.7)	19.1 (16.8- 21.8)
Arkansas	26.1 (23.3- 29.2)	25.6 (22.6- 28.8)	31.5 (22.3- 43.6)	~

continued

Table 2.5.1.2M: Cancer of the Colon and Rectum. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	30.4 (27.8- 33.3)	28.1 (25.2- 31.3)	38.5 (32.5- 45.5)	~
Oklahoma	24.7 (22.2- 27.4)	24.0 (21.3- 26.8)	51.1 (34.9- 72.9)	~
Texas	23.4 (22.3- 24.6)	22.8 (21.6- 24.0)	33.4 (28.8- 38.5)	19.2 (16.8- 21.9)
West	21.1 (20.6- 21.7)	21.1 (20.5- 21.7)	32.0 (28.2- 36.3)	16.5 (14.8- 18.3)
Mountain	20.6 (19.6- 21.7)	20.6 (19.5- 21.7)	29.3 (21.4- 40.6)	21.9 (18.2- 26.2)
Arizona	19.2 (17.4- 21.1)	19.2 (17.4- 21.2)	~	20.3 (14.2- 28.9)
Colorado	20.4 (18.1- 22.9)	20.4 (18.0- 23.0)	~	19.0 (11.9- 29.8)
Idaho	19.5 (16.0- 23.8)	19.7 (16.1- 24.0)	~	~
Montana	24.5 (20.0- 29.8)	23.7 (19.2- 29.0)	~	~
Nevada	26.4 (22.8- 30.5)	26.6 (22.8- 30.9)	~	~
New Mexico	21.4 (18.2- 25.0)	21.6 (18.2- 25.4)	~	24.8 (18.6- 32.7)
Utah	16.6 (13.6- 20.1)	16.0 (13.0- 19.5)	~	~
Wyoming	23.4 (17.3- 31.2)	23.4 (17.2- 31.3)	~	~
Pacific	21.3 (20.7- 22.1)	21.3 (20.6- 22.1)	32.1 (27.9- 36.8)	14.5 (12.7- 16.5)
Alaska	26.7 (18.6- 38.4)	20.2 (12.9- 32.0)	~	~
California	20.8 (20.0- 21.6)	20.7 (19.8- 21.6)	33.3 (28.9- 38.4)	14.4 (12.6- 16.5)
Hawaii	21.7 (18.1- 25.9)	18.4 (12.2- 27.2)	~	~
Oregon	24.3 (21.8- 26.9)	24.2 (21.7- 26.9)	~	~
Washington	22.1 (20.3- 24.1)	22.4 (20.5- 24.5)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.5.1.2F: Cancer of the Colon and Rectum. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	17.0 (16.8- 17.2)	16.4 (16.2- 16.6)	24.2 (23.4- 25.0)	11.6 (10.9- 12.4)
Northeast	18.4 (18.0- 18.9)	18.2 (17.7- 18.7)	22.3 (20.6- 24.1)	12.0 (10.3- 13.9)
New England	17.6 (16.7- 18.5)	17.5 (16.6- 18.4)	21.5 (16.4- 27.8)	7.5 (4.1- 13.0)
Connecticut	16.8 (15.2- 18.6)	16.5 (14.9- 18.4)	23.0 (15.3- 33.6)	~
Maine	17.6 (14.9- 20.8)	17.5 (14.8- 20.7)	~	~
Massachusetts	17.3 (16.0- 18.6)	17.2 (15.9- 18.5)	19.8 (13.0- 29.0)	~
New Hampshire	18.6 (15.6- 22.2)	18.5 (15.5- 22.1)	~	~
Rhode Island	20.0 (16.8- 23.7)	19.9 (16.7- 23.8)	~	~
Vermont	18.9 (14.7- 24.2)	19.1 (14.8- 24.4)	~	~
Middle Atlantic	18.7 (18.2- 19.3)	18.5 (17.9- 19.1)	22.4 (20.6- 24.3)	12.5 (10.6- 14.7)
New Jersey	19.6 (18.4- 20.8)	19.5 (18.2- 20.8)	22.8 (18.8- 27.4)	15.9 (11.6- 21.3)
New York	18.0 (17.2- 18.8)	17.9 (17.1- 18.8)	19.8 (17.6- 22.1)	11.1 (9.0- 13.5)
Pennsylvania	19.3 (18.3- 20.2)	18.7 (17.7- 19.7)	28.0 (24.0- 32.5)	~
Midwest	17.7 (17.2- 18.1)	17.1 (16.7- 17.6)	25.0 (23.1- 26.9)	10.6 (7.9- 14.0)
East North Central	17.9 (17.4- 18.4)	17.3 (16.8- 17.8)	24.8 (22.8- 27.0)	9.5 (6.7- 13.1)
Illinois	18.6 (17.6- 19.6)	17.7 (16.7- 18.8)	25.9 (22.5- 29.7)	10.3 (6.6- 15.6)
Indiana	18.8 (17.4- 20.2)	18.4 (17.0- 19.9)	25.6 (19.3- 33.4)	~
Michigan	16.5 (15.5- 17.6)	15.8 (14.7- 16.9)	22.0 (18.4- 26.0)	~
Ohio	18.8 (17.8- 19.9)	18.1 (17.1- 19.2)	27.1 (23.1- 31.6)	~
Wisconsin	16.0 (14.6- 17.4)	16.0 (14.6- 17.5)	~	~
West North Central	17.1 (16.4- 17.8)	16.8 (16.0- 17.6)	25.4 (20.8- 30.9)	~
Iowa	18.4 (16.5- 20.4)	18.4 (16.6- 20.5)	~	~
Kansas	16.6 (14.7- 18.7)	16.5 (14.5- 18.6)	~	~
Minnesota	15.4 (14.0- 16.9)	15.4 (14.0- 16.9)	~	~
Missouri	17.9 (16.6- 19.4)	17.0 (15.6- 18.5)	28.9 (23.0- 36.1)	~
Nebraska	18.0 (15.6- 20.8)	18.2 (15.7- 21.0)	~	~
North Dakota	17.4 (13.6- 22.1)	16.9 (13.2- 21.7)	~	~
South Dakota	14.9 (11.6- 18.9)	14.4 (11.2- 18.5)	~	~
South	16.9 (16.5- 17.2)	15.7 (15.3- 16.0)	24.5 (23.4- 25.6)	12.8 (11.6- 14.0)
South Atlantic	16.8 (16.4- 17.3)	15.6 (15.1- 16.1)	23.9 (22.5- 25.3)	13.3 (11.6- 15.3)
Delaware	17.5 (14.0- 21.8)	16.8 (13.1- 21.4)	~	~
District of Columbia	23.9 (18.9- 29.9)	~	28.1 (21.7- 36.4)	~
Florida	15.3 (14.6- 16.0)	14.9 (14.2- 15.7)	19.7 (16.9- 22.8)	14.7 (12.7- 16.9)
Georgia	17.7 (16.4- 19.0)	15.2 (13.8- 16.7)	27.1 (23.7- 30.8)	~
Maryland	19.1 (17.5- 20.7)	17.5 (15.8- 19.3)	25.2 (21.3- 29.6)	~
North Carolina	16.9 (15.8- 18.1)	15.2 (14.0- 16.5)	25.1 (21.7- 28.8)	~
South Carolina	16.8 (15.2- 18.5)	15.1 (13.4- 17.1)	21.8 (18.1- 26.0)	~
Virginia	17.4 (16.1- 18.7)	16.2 (14.8- 17.7)	23.2 (19.6- 27.3)	~
West Virginia	20.1 (17.7- 22.8)	19.7 (17.3- 22.5)	~	~
East South Central	17.8 (17.0- 18.6)	16.4 (15.5- 17.3)	26.2 (23.7- 28.9)	~
Alabama	16.1 (14.6- 17.7)	14.4 (12.9- 16.2)	22.7 (18.9- 27.1)	~
Kentucky	19.6 (17.8- 21.4)	18.8 (17.1- 20.7)	32.3 (23.4- 43.5)	~
Mississippi	17.9 (15.9- 20.1)	14.8 (12.7- 17.3)	26.2 (21.6- 31.4)	~
Tennessee	17.9 (16.5- 19.4)	16.5 (15.1- 18.1)	29.3 (24.2- 35.2)	~
West South Central	16.4 (15.8- 17.0)	15.5 (14.8- 16.1)	24.5 (22.3- 26.9)	12.4 (10.8- 14.2)
Arkansas	18.8 (16.7- 21.0)	18.0 (15.9- 20.4)	25.7 (19.1- 34.1)	~

continued

Table 2.5.1.2F: Cancer of the Colon and Rectum. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	17.9 (16.3- 19.7)	16.3 (14.5- 18.3)	22.7 (19.1- 26.9)	~
Oklahoma	17.2 (15.5- 19.1)	16.8 (15.0- 18.9)	27.0 (17.9- 39.3)	~
Texas	15.5 (14.7- 16.3)	14.6 (13.8- 15.4)	25.1 (21.9- 28.5)	12.5 (10.9- 14.3)
West	15.0 (14.6- 15.4)	14.9 (14.4- 15.3)	24.8 (22.0- 27.8)	10.6 (9.5- 11.7)
Mountain	14.7 (13.9- 15.5)	14.6 (13.9- 15.5)	23.4 (16.4- 32.4)	13.1 (10.7- 15.8)
Arizona	15.0 (13.6- 16.4)	15.2 (13.8- 16.7)	~	11.8 (8.0- 16.9)
Colorado	15.2 (13.6- 17.0)	15.0 (13.3- 16.8)	~	12.0 (7.4- 18.6)
Idaho	12.0 (9.5- 14.9)	12.0 (9.5- 15.0)	~	~
Montana	13.6 (10.7- 17.1)	12.6 (9.8- 16.1)	~	~
Nevada	18.1 (15.4- 21.0)	17.6 (14.9- 20.7)	~	~
New Mexico	14.6 (12.3- 17.2)	15.1 (12.7- 17.9)	~	16.2 (11.8- 21.7)
Utah	11.3 (9.2- 13.7)	11.3 (9.2- 13.8)	~	~
Wyoming	18.3 (13.6- 24.4)	18.7 (13.8- 24.9)	~	~
Pacific	15.2 (14.7- 15.7)	15.0 (14.5- 15.6)	25.1 (22.1- 28.4)	9.7 (8.5- 11.0)
Alaska	19.2 (13.0- 27.7)	18.3 (11.4- 28.2)	~	~
California	15.2 (14.6- 15.8)	15.0 (14.4- 15.7)	25.0 (21.9- 28.4)	9.6 (8.4- 11.0)
Hawaii	12.3 (9.9- 15.3)	10.3 (6.0- 17.4)	~	~
Oregon	15.0 (13.4- 16.8)	14.7 (13.1- 16.5)	~	~
Washington	15.8 (14.4- 17.2)	15.5 (14.1- 17.0)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.6.1.1M: Cancer of the Liver and Intrahepatic Bile Duct. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	7.5 (7.4- 7.7)	6.6 (6.4- 6.8)	10.6 (9.9- 11.3)	14.0 (13.1- 14.9)
Northeast	8.5 (8.1- 8.9)	7.4 (7.1- 7.8)	12.8 (11.3- 14.5)	16.6 (14.2- 19.4)
New England	7.6 (6.9- 8.3)	6.8 (6.1- 7.4)	16.1 (11.1- 23.5)	20.4 (13.0- 31.4)
Connecticut	7.2 (6.0- 8.7)	6.3 (5.1- 7.8)	20.2 (11.4- 36.1)	~
Maine	5.7 (4.0- 8.1)	5.8 (4.0- 8.1)	~	~
Massachusetts	8.5 (7.5- 9.7)	7.4 (6.4- 8.5)	13.9 (8.0- 24.6)	-
New Hampshire	4.4 (2.8- 6.6)	3.8 (2.3- 5.9)	~	-
Rhode Island	8.7 (6.3- 11.8)	8.6 (6.2- 11.8)	~	~
Vermont	7.7 (4.8- 12.0)	7.8 (4.8- 12.1)	~	~
Middle Atlantic	8.8 (8.4- 9.3)	7.7 (7.3- 8.2)	12.4 (10.8- 14.2)	16.1 (13.6- 19.0)
New Jersey	9.4 (8.5- 10.5)	8.5 (7.5- 9.6)	14.7 (10.8- 20.0)	14.8 (10.3- 21.4)
New York	10.0 (9.3- 10.7)	8.8 (8.1- 9.5)	11.6 (9.6- 14.0)	16.3 (13.3- 19.9)
Pennsylvania	6.8 (6.2- 7.5)	6.0 (5.3- 6.6)	12.6 (9.5- 16.7)	-
Midwest	6.4 (6.1- 6.7)	5.6 (5.3- 5.9)	12.9 (11.3- 14.6)	12.5 (9.6- 16.4)
East North Central	6.8 (6.5- 7.2)	6.0 (5.6- 6.3)	12.7 (11.0- 14.6)	11.3 (8.3- 15.5)
Illinois	7.5 (6.8- 8.3)	6.6 (5.9- 7.4)	10.9 (8.3- 14.2)	-
Indiana	6.2 (5.3- 7.3)	5.5 (4.6- 6.5)	14.7 (9.2- 23.1)	~
Michigan	7.1 (6.3- 8.0)	6.1 (5.3- 6.9)	13.6 (10.5- 17.5)	~
Detroit	9.2 (7.8- 10.8)	7.0 (5.6- 8.6)	16.8 (12.8- 22.0)	-
Ohio	6.2 (5.5- 6.9)	5.4 (4.8- 6.1)	12.8 (9.6- 17.0)	~
Wisconsin	6.8 (5.8- 8.0)	6.1 (5.2- 7.3)	~	~
West North Central	5.4 (4.9- 5.9)	4.8 (4.3- 5.3)	14.1 (10.1- 19.5)	17.8 (9.9- 31.1)
Iowa	3.8 (2.9- 5.0)	3.6 (2.7- 4.8)	~	~
Kansas	4.7 (3.6- 6.2)	4.5 (3.4- 6.0)	~	~
Minnesota	5.3 (4.4- 6.4)	4.3 (3.4- 5.3)	~	~
Missouri	6.5 (5.6- 7.6)	5.9 (5.0- 7.0)	13.8 (8.9- 21.0)	~
Nebraska	5.7 (4.1- 7.7)	5.6 (4.0- 7.6)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	8.7 (5.3- 13.6)	~	~	~
Florida	7.7 (7.1- 8.3)	7.2 (6.6- 7.8)	9.1 (7.1- 11.7)	-
Georgia	5.7 (4.8- 6.6)	5.3 (4.4- 6.5)	5.2 (3.6- 7.6)	~
Atlanta	5.6 (4.1- 7.7)	4.5 (2.9- 6.9)	~	~
Maryland				
North Carolina	5.7 (4.9- 6.6)	5.2 (4.3- 6.1)	7.5 (5.5- 10.3)	~
South Carolina	6.6 (5.5- 8.1)	6.9 (5.6- 8.6)	4.6 (2.6- 7.7)	-
Virginia				
West Virginia	5.5 (4.1- 7.3)	5.4 (3.9- 7.2)	~	~
East South Central				
Alabama	5.9 (4.9- 7.1)	5.9 (4.7- 7.2)	5.5 (3.4- 8.5)	~
Kentucky	5.3 (4.3- 6.6)	5.1 (4.1- 6.4)	~	-
Mississippi				
Tennessee				

continued

Table 2.6.1.1M: Cancer of the Liver and Intrahepatic Bile Duct. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	8.8 (8.3- 9.4)	8.1 (7.6- 8.7)	10.7 (9.1- 12.7)	16.0 (14.0- 18.3)
Arkansas	4.7 (3.5- 6.1)	3.9 (2.8- 5.3)	~	~
Louisiana	9.7 (8.3- 11.3)	9.2 (7.6- 11.1)	9.8 (7.1- 13.4)	-
Oklahoma	5.8 (4.7- 7.2)	4.8 (3.7- 6.1)	~	~
Texas	9.9 (9.2- 10.6)	9.3 (8.6- 10.0)	11.2 (8.9- 14.0)	16.5 (14.4- 18.8)
West	8.0 (7.7- 8.4)	6.5 (6.1- 6.8)	12.0 (10.0- 14.5)	13.0 (11.7- 14.4)
Mountain	5.7 (5.2- 6.3)	5.3 (4.8- 5.9)	8.0 (4.4- 15.5)	10.6 (8.5- 13.3)
Arizona	6.1 (5.2- 7.2)	6.0 (5.1- 7.1)	~	12.5 (8.4- 18.7)
Colorado	6.0 (4.9- 7.3)	5.6 (4.5- 6.9)	~	12.3 (7.8- 20.0)
Idaho	4.8 (3.1- 7.1)	4.5 (2.9- 6.8)	~	~
Montana	4.8 (2.9- 7.5)	4.3 (2.5- 6.9)	~	-
Nevada	5.6 (4.2- 7.5)	4.8 (3.5- 6.7)	~	-
New Mexico	7.6 (5.8- 9.8)	7.4 (5.6- 9.7)	~	10.4 (6.9- 15.5)
Utah	4.2 (2.9- 6.0)	3.9 (2.6- 5.7)	~	~
Wyoming	~	~	~	~
Pacific	9.0 (8.6- 9.4)	7.0 (6.6- 7.4)	12.7 (10.5- 15.5)	13.8 (12.3- 15.6)
Alaska	7.1 (4.0- 13.9)	~	~	-
California	9.6 (9.1- 10.2)	7.6 (7.1- 8.1)	13.1 (10.6- 16.1)	14.0 (12.4- 15.9)
San Francisco-Oakland	11.3 (9.8- 13.0)	6.8 (5.5- 8.4)	16.1 (10.6- 24.1)	11.5 (6.6- 19.5)
San Jose-Monterey	11.1 (9.0- 13.6)	7.8 (5.9- 10.3)	~	18.1 (10.6- 30.2)
Los Angeles	11.2 (10.1- 12.4)	8.9 (7.8- 10.1)	12.2 (8.6- 17.1)	12.6 (10.2- 15.6)
Hawaii	15.0 (12.1- 18.5)	12.2 (7.3- 19.6)	~	-
Oregon	4.6 (3.6- 5.7)	4.1 (3.1- 5.2)	~	~
Washington	7.1 (6.1- 8.2)	6.0 (5.1- 7.1)	~	~
Seattle-Puget Sound	8.0 (6.7- 9.5)	6.7 (5.5- 8.2)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.6.1.1F: Cancer of the Liver and Intrahepatic Bile Duct. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	2.7 (2.6- 2.7)	2.4 (2.3- 2.5)	3.0 (2.7- 3.3)	5.2 (4.7- 5.7)
Northeast	2.7 (2.5- 2.9)	2.5 (2.3- 2.7)	3.4 (2.8- 4.1)	5.5 (4.4- 6.8)
New England	2.2 (1.9- 2.6)	2.0 (1.7- 2.4)	~	~
Connecticut	2.3 (1.7- 3.1)	2.1 (1.5- 2.9)	~	~
Maine	~	~	~	~
Massachusetts	2.2 (1.8- 2.8)	2.0 (1.6- 2.6)	~	-
New Hampshire	2.3 (1.3- 3.8)	~	~	-
Rhode Island	2.8 (1.7- 4.6)	2.9 (1.7- 4.7)	~	~
Vermont	~	~	~	~
Middle Atlantic	2.9 (2.7- 3.1)	2.7 (2.5- 2.9)	3.3 (2.7- 4.1)	5.3 (4.2- 6.7)
New Jersey	3.0 (2.6- 3.6)	2.9 (2.4- 3.5)	3.6 (2.1- 5.7)	6.0 (3.6- 9.5)
New York	3.1 (2.8- 3.4)	2.9 (2.6- 3.3)	2.9 (2.1- 3.9)	4.8 (3.5- 6.4)
Pennsylvania	2.5 (2.2- 2.9)	2.3 (2.0- 2.7)	4.1 (2.7- 6.1)	-
Midwest	2.4 (2.2- 2.5)	2.2 (2.1- 2.4)	3.1 (2.4- 3.8)	5.6 (3.8- 8.1)
East North Central	2.6 (2.4- 2.8)	2.4 (2.2- 2.6)	3.0 (2.3- 3.8)	6.0 (3.9- 9.0)
Illinois	2.9 (2.5- 3.3)	2.6 (2.2- 3.1)	3.9 (2.6- 5.5)	-
Indiana	2.5 (2.0- 3.1)	2.4 (1.8- 3.0)	~	~
Michigan	2.6 (2.2- 3.1)	2.5 (2.1- 3.0)	~	~
Detroit	3.0 (2.3- 3.9)	2.9 (2.1- 3.8)	3.3 (1.9- 5.4)	-
Ohio	2.1 (1.8- 2.5)	2.0 (1.7- 2.4)	~	~
Wisconsin	2.9 (2.3- 3.6)	2.7 (2.1- 3.4)	~	~
West North Central	1.9 (1.6- 2.2)	1.8 (1.5- 2.1)	~	~
Iowa	2.1 (1.5- 2.9)	2.0 (1.4- 2.9)	~	~
Kansas	2.3 (1.6- 3.3)	2.2 (1.5- 3.1)	~	~
Minnesota	1.8 (1.3- 2.4)	1.7 (1.3- 2.3)	~	~
Missouri	1.8 (1.4- 2.4)	1.6 (1.2- 2.2)	~	~
Nebraska	1.5 (0.8- 2.5)	~	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	~	~	~	~
Florida	2.4 (2.1- 2.7)	2.3 (2.0- 2.6)	2.9 (1.9- 4.2)	-
Georgia	2.0 (1.6- 2.5)	1.7 (1.3- 2.3)	2.6 (1.6- 3.9)	~
Atlanta	2.2 (1.4- 3.3)	~	~	~
Maryland				
North Carolina	2.1 (1.7- 2.6)	2.1 (1.6- 2.6)	2.0 (1.2- 3.3)	~
South Carolina	1.7 (1.2- 2.3)	1.4 (0.9- 2.1)	~	-
Virginia				
West Virginia	2.3 (1.5- 3.4)	2.3 (1.5- 3.4)	~	~
East South Central				
Alabama	2.4 (1.9- 3.1)	2.2 (1.6- 3.0)	~	~
Kentucky	2.0 (1.5- 2.7)	2.1 (1.5- 2.8)	~	-
Mississippi				
Tennessee				

continued

Table 2.6.1.1F: Cancer of the Liver and Intrahepatic Bile Duct. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	3.1 (2.8- 3.4)	3.0 (2.7- 3.3)	3.4 (2.6- 4.4)	7.1 (5.9- 8.4)
Arkansas	1.5 (0.9- 2.2)	1.2 (0.7- 2.0)	~	~
Louisiana	3.1 (2.4- 3.9)	3.0 (2.3- 4.0)	3.3 (2.1- 5.1)	-
Oklahoma	2.1 (1.5- 2.8)	2.1 (1.4- 2.9)	~	~
Texas	3.6 (3.2- 4.0)	3.4 (3.0- 3.8)	3.9 (2.8- 5.4)	6.9 (5.7- 8.3)
West	3.1 (2.9- 3.3)	2.5 (2.4- 2.7)	3.5 (2.6- 4.8)	4.9 (4.2- 5.7)
Mountain	2.6 (2.3- 3.0)	2.4 (2.1- 2.7)	~	4.2 (2.9- 5.8)
Arizona	2.7 (2.1- 3.4)	2.5 (1.9- 3.2)	~	4.9 (2.7- 8.4)
Colorado	2.6 (1.9- 3.4)	2.5 (1.8- 3.3)	~	~
Idaho	~	~	~	~
Montana	~	~	~	-
Nevada	3.0 (2.0- 4.4)	2.4 (1.5- 3.7)	~	-
New Mexico	3.9 (2.7- 5.3)	3.7 (2.5- 5.2)	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	3.3 (3.0- 3.5)	2.6 (2.4- 2.9)	3.6 (2.6- 5.0)	5.1 (4.3- 6.1)
Alaska	~	~	~	-
California	3.3 (3.0- 3.6)	2.6 (2.4- 2.9)	3.9 (2.8- 5.3)	5.0 (4.1- 5.9)
San Francisco-Oakland	3.2 (2.5- 4.0)	2.3 (1.6- 3.2)	~	~
San Jose-Monterey	4.4 (3.2- 5.8)	3.4 (2.3- 4.9)	~	~
Los Angeles	4.4 (3.8- 5.1)	3.7 (3.0- 4.4)	4.6 (2.8- 7.1)	6.1 (4.7- 7.8)
Hawaii	5.3 (3.7- 7.3)	~	~	-
Oregon	2.4 (1.8- 3.3)	2.4 (1.8- 3.3)	~	~
Washington	3.0 (2.4- 3.7)	2.6 (2.0- 3.3)	~	~
Seattle-Puget Sound	3.4 (2.6- 4.3)	2.8 (2.1- 3.6)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.6.1.2M: Cancer of the Liver and Intrahepatic Bile Duct. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	6.9 (6.8- 7.1)	6.3 (6.2- 6.5)	9.1 (8.5- 9.7)	10.3 (9.6- 11.2)
Northeast	6.8 (6.5- 7.2)	6.4 (6.1- 6.7)	9.6 (8.3- 11.2)	9.6 (7.8- 11.7)
New England	6.8 (6.2- 7.5)	6.6 (6.0- 7.3)	8.7 (5.2- 14.8)	13.1 (7.3- 22.9)
Connecticut	6.2 (5.0- 7.6)	6.1 (4.9- 7.5)	~	~
Maine	4.3 (2.8- 6.3)	4.0 (2.6- 6.1)	~	~
Massachusetts	8.1 (7.1- 9.3)	7.8 (6.8- 8.9)	~	~
New Hampshire	7.3 (5.2- 10.2)	7.2 (5.1- 10.1)	~	~
Rhode Island	4.7 (3.0- 7.1)	4.9 (3.1- 7.5)	~	~
Vermont	6.5 (3.8- 10.6)	6.2 (3.6- 10.3)	~	~
Middle Atlantic	6.9 (6.5- 7.2)	6.3 (5.9- 6.7)	9.7 (8.3- 11.5)	9.1 (7.3- 11.3)
New Jersey	7.4 (6.5- 8.3)	6.8 (5.9- 7.8)	12.4 (8.7- 17.5)	6.5 (4.0- 11.3)
New York	7.2 (6.6- 7.8)	6.7 (6.1- 7.3)	7.9 (6.2- 10.0)	9.5 (7.3- 12.4)
Pennsylvania	6.1 (5.4- 6.7)	5.6 (5.0- 6.2)	11.9 (8.7- 16.1)	~
Midwest	6.2 (5.9- 6.5)	5.6 (5.3- 5.9)	10.6 (9.2- 12.2)	9.6 (7.0- 13.3)
East North Central	6.4 (6.0- 6.7)	5.8 (5.5- 6.2)	10.0 (8.5- 11.7)	10.2 (7.2- 14.5)
Illinois	6.8 (6.0- 7.5)	6.0 (5.3- 6.8)	10.3 (7.8- 13.6)	8.1 (4.8- 14.1)
Indiana	6.2 (5.2- 7.3)	6.0 (5.1- 7.1)	~	~
Michigan	6.5 (5.7- 7.3)	5.7 (5.0- 6.6)	10.9 (8.1- 14.6)	~
Ohio	5.9 (5.2- 6.6)	5.5 (4.8- 6.2)	9.0 (6.4- 12.6)	~
Wisconsin	6.7 (5.7- 7.8)	6.3 (5.3- 7.4)	~	~
West North Central	5.7 (5.2- 6.2)	5.2 (4.8- 5.8)	13.7 (9.7- 19.2)	~
Iowa	4.9 (3.8- 6.2)	4.6 (3.5- 5.9)	~	~
Kansas	5.9 (4.6- 7.5)	5.7 (4.4- 7.3)	~	~
Minnesota	5.8 (4.8- 6.9)	5.3 (4.4- 6.4)	~	~
Missouri	6.4 (5.5- 7.5)	5.7 (4.8- 6.8)	15.1 (9.8- 22.7)	~
Nebraska	3.9 (2.7- 5.6)	3.9 (2.7- 5.7)	~	~
North Dakota	5.7 (3.4- 9.1)	5.2 (3.0- 8.6)	~	~
South Dakota	6.8 (4.4- 10.1)	6.3 (3.9- 9.6)	~	~
South	7.2 (7.0- 7.5)	6.9 (6.6- 7.2)	8.3 (7.5- 9.1)	10.7 (9.5- 12.1)
South Atlantic	6.5 (6.2- 6.9)	6.2 (5.9- 6.6)	6.8 (6.0- 7.8)	7.1 (5.7- 9.0)
Delaware	5.8 (3.5- 9.2)	6.8 (4.1- 10.8)	~	~
District of Columbia	8.0 (4.8- 12.8)	~	~	~
Florida	7.1 (6.5- 7.6)	6.8 (6.2- 7.4)	8.4 (6.3- 11.1)	7.8 (6.1- 9.8)
Georgia	5.5 (4.7- 6.6)	5.4 (4.5- 6.6)	4.8 (3.2- 7.1)	~
Maryland	6.5 (5.5- 7.7)	5.6 (4.5- 6.9)	9.5 (6.9- 13.1)	~
North Carolina	6.3 (5.5- 7.3)	6.1 (5.2- 7.2)	6.7 (4.7- 9.4)	~
South Carolina	7.1 (5.9- 8.6)	7.6 (6.2- 9.4)	5.3 (3.2- 8.5)	~
Virginia	6.3 (5.4- 7.4)	5.8 (4.9- 7.0)	6.4 (4.3- 9.4)	~
West Virginia	5.2 (3.8- 7.0)	5.1 (3.7- 6.9)	~	~
East South Central	7.2 (6.6- 7.8)	6.7 (6.1- 7.4)	8.9 (7.2- 11.0)	~
Alabama	7.3 (6.1- 8.7)	6.9 (5.6- 8.4)	8.7 (6.0- 12.4)	~
Kentucky	5.6 (4.5- 6.9)	5.6 (4.5- 7.0)	~	~
Mississippi	10.0 (8.2- 12.1)	9.6 (7.6- 12.1)	9.6 (6.5- 13.8)	~
Tennessee	6.9 (5.9- 8.1)	6.4 (5.3- 7.6)	9.9 (6.5- 14.7)	~
West South Central	8.7 (8.1- 9.2)	8.2 (7.7- 8.8)	11.4 (9.6- 13.5)	13.8 (11.9- 16.1)
Arkansas	7.1 (5.7- 8.7)	6.9 (5.4- 8.7)	~	~

continued

Table 2.6.1.2M: Cancer of the Liver and Intrahepatic Bile Duct. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	9.6 (8.2- 11.2)	8.6 (7.0- 10.4)	12.1 (8.9- 16.2)	~
Oklahoma	5.0 (4.0- 6.3)	4.4 (3.4- 5.7)	~	~
Texas	9.4 (8.7- 10.2)	9.1 (8.4- 9.9)	11.3 (8.9- 14.3)	14.2 (12.2- 16.5)
West	7.2 (6.9- 7.6)	6.2 (5.9- 6.5)	10.0 (8.1- 12.4)	10.2 (9.0- 11.5)
Mountain	5.7 (5.1- 6.2)	5.4 (4.9- 6.0)	~	8.6 (6.7- 11.1)
Arizona	5.9 (5.0- 7.0)	5.6 (4.6- 6.7)	~	7.4 (4.3- 12.7)
Colorado	4.9 (3.8- 6.1)	4.8 (3.7- 6.1)	~	9.2 (5.4- 16.4)
Idaho	4.1 (2.6- 6.2)	4.0 (2.5- 6.1)	~	~
Montana	5.0 (3.1- 7.7)	4.8 (2.9- 7.5)	~	~
Nevada	5.9 (4.4- 8.0)	6.1 (4.4- 8.2)	~	~
New Mexico	8.5 (6.6- 10.9)	7.8 (5.9- 10.2)	~	9.8 (6.3- 15.0)
Utah	4.9 (3.4- 6.9)	4.6 (3.1- 6.6)	~	~
Wyoming	~	~	~	~
Pacific	7.9 (7.5- 8.3)	6.6 (6.2- 7.0)	11.0 (8.9- 13.7)	10.8 (9.3- 12.4)
Alaska	~	~	~	~
California	8.3 (7.8- 8.8)	6.8 (6.3- 7.3)	11.3 (9.0- 14.2)	10.4 (9.0- 12.1)
Hawaii	9.9 (7.5- 12.8)	~	~	~
Oregon	4.7 (3.7- 5.9)	4.6 (3.6- 5.8)	~	~
Washington	7.3 (6.2- 8.4)	6.6 (5.6- 7.7)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.6.1.2F: Cancer of the Liver and Intrahepatic Bile Duct. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	3.0 (2.9- 3.1)	2.7 (2.6- 2.8)	4.1 (3.8- 4.4)	4.9 (4.5- 5.4)
Northeast	2.8 (2.7- 3.0)	2.6 (2.5- 2.8)	3.7 (3.1- 4.5)	4.3 (3.3- 5.6)
New England	2.9 (2.6- 3.3)	2.8 (2.5- 3.2)	~	~
Connecticut	3.2 (2.5- 4.1)	3.2 (2.4- 4.1)	~	~
Maine	2.9 (1.8- 4.5)	2.7 (1.7- 4.2)	~	~
Massachusetts	2.8 (2.3- 3.3)	2.7 (2.2- 3.3)	~	~
New Hampshire	2.9 (1.8- 4.6)	2.8 (1.7- 4.5)	~	~
Rhode Island	3.5 (2.2- 5.4)	3.6 (2.3- 5.7)	~	~
Vermont	~	~	~	~
Middle Atlantic	2.8 (2.6- 3.0)	2.6 (2.4- 2.8)	3.9 (3.2- 4.7)	4.1 (3.0- 5.4)
New Jersey	3.1 (2.6- 3.6)	2.7 (2.3- 3.3)	4.9 (3.2- 7.3)	~
New York	2.8 (2.5- 3.1)	2.6 (2.3- 2.9)	3.7 (2.8- 4.8)	4.0 (2.8- 5.6)
Pennsylvania	2.6 (2.3- 3.0)	2.5 (2.1- 2.9)	3.4 (2.1- 5.2)	~
Midwest	2.7 (2.5- 2.9)	2.5 (2.4- 2.7)	4.6 (3.8- 5.5)	4.7 (3.0- 7.1)
East North Central	2.8 (2.6- 3.0)	2.6 (2.4- 2.8)	4.5 (3.7- 5.5)	4.3 (2.6- 7.0)
Illinois	3.1 (2.7- 3.5)	2.7 (2.3- 3.1)	6.3 (4.7- 8.3)	~
Indiana	2.5 (2.0- 3.1)	2.5 (2.0- 3.1)	~	~
Michigan	3.1 (2.7- 3.6)	3.0 (2.5- 3.6)	3.4 (2.1- 5.2)	~
Ohio	2.5 (2.1- 2.9)	2.3 (1.9- 2.7)	4.1 (2.7- 6.1)	~
Wisconsin	2.4 (1.9- 3.0)	2.4 (1.9- 3.0)	~	~
West North Central	2.5 (2.3- 2.9)	2.4 (2.2- 2.7)	5.1 (3.2- 7.9)	~
Iowa	2.0 (1.5- 2.8)	2.0 (1.5- 2.9)	~	~
Kansas	2.6 (1.9- 3.6)	2.5 (1.8- 3.5)	~	~
Minnesota	2.6 (2.0- 3.3)	2.6 (2.0- 3.3)	~	~
Missouri	2.9 (2.3- 3.5)	2.7 (2.1- 3.3)	~	~
Nebraska	2.2 (1.4- 3.3)	2.1 (1.3- 3.3)	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	3.0 (2.9- 3.2)	2.8 (2.7- 3.0)	3.8 (3.4- 4.2)	5.1 (4.4- 5.9)
South Atlantic	2.6 (2.5- 2.8)	2.4 (2.2- 2.6)	3.5 (3.0- 4.0)	3.4 (2.5- 4.5)
Delaware	~	~	~	~
District of Columbia	~	~	~	~
Florida	2.8 (2.5- 3.1)	2.6 (2.3- 2.9)	4.6 (3.3- 6.2)	3.5 (2.6- 4.7)
Georgia	2.9 (2.4- 3.5)	2.9 (2.3- 3.5)	2.9 (1.9- 4.3)	~
Maryland	2.9 (2.3- 3.6)	2.4 (1.8- 3.2)	4.2 (2.7- 6.2)	~
North Carolina	2.4 (2.0- 2.9)	2.1 (1.6- 2.6)	3.5 (2.3- 5.0)	~
South Carolina	2.4 (1.8- 3.2)	2.4 (1.7- 3.3)	~	~
Virginia	2.2 (1.8- 2.7)	1.8 (1.4- 2.3)	3.3 (2.1- 5.1)	~
West Virginia	2.6 (1.8- 3.8)	2.5 (1.7- 3.7)	~	~
East South Central	3.3 (3.0- 3.7)	3.2 (2.8- 3.6)	4.0 (3.1- 5.2)	~
Alabama	3.0 (2.4- 3.7)	2.9 (2.2- 3.7)	3.2 (1.9- 5.1)	~
Kentucky	3.3 (2.6- 4.1)	3.3 (2.6- 4.2)	~	~
Mississippi	3.7 (2.9- 4.8)	3.6 (2.5- 4.9)	4.7 (2.9- 7.3)	~
Tennessee	3.4 (2.8- 4.1)	3.2 (2.6- 4.0)	4.6 (2.7- 7.3)	~
West South Central	3.6 (3.3- 3.9)	3.4 (3.1- 3.7)	4.3 (3.4- 5.4)	6.6 (5.4- 7.9)
Arkansas	3.9 (3.0- 5.0)	3.7 (2.8- 4.8)	~	~

continued

Table 2.6.1.2F: Cancer of the Liver and Intrahepatic Bile Duct. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	3.7 (3.0- 4.6)	3.7 (2.8- 4.7)	4.0 (2.5- 5.9)	~
Oklahoma	2.8 (2.1- 3.6)	2.6 (1.9- 3.6)	~	~
Texas	3.6 (3.3- 4.0)	3.5 (3.1- 3.9)	4.8 (3.5- 6.4)	6.7 (5.5- 8.1)
West	3.4 (3.2- 3.6)	2.9 (2.7- 3.1)	5.7 (4.4- 7.2)	4.9 (4.2- 5.7)
Mountain	2.9 (2.6- 3.3)	2.7 (2.3- 3.0)	~	4.6 (3.3- 6.4)
Arizona	2.7 (2.2- 3.4)	2.5 (2.0- 3.2)	~	5.7 (3.2- 9.5)
Colorado	3.4 (2.7- 4.3)	3.2 (2.5- 4.2)	~	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	3.4 (2.3- 4.8)	3.1 (2.1- 4.6)	~	~
New Mexico	2.8 (1.9- 4.1)	2.7 (1.7- 4.0)	~	~
Utah	2.1 (1.3- 3.3)	2.0 (1.1- 3.2)	~	~
Wyoming	~	~	~	~
Pacific	3.6 (3.3- 3.8)	3.0 (2.7- 3.2)	5.9 (4.5- 7.6)	5.0 (4.2- 6.0)
Alaska	~	~	~	~
California	3.8 (3.5- 4.1)	3.1 (2.8- 3.4)	6.2 (4.8- 8.0)	5.0 (4.2- 6.0)
Hawaii	4.6 (3.2- 6.6)	~	~	~
Oregon	2.4 (1.8- 3.2)	2.3 (1.7- 3.1)	~	~
Washington	2.8 (2.2- 3.4)	2.6 (2.0- 3.2)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.7.1.1M: Cancer of the Pancreas. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	12.3 (12.1- 12.5)	12.2 (12.0- 12.4)	14.5 (13.7- 15.4)	10.8 (10.0- 11.7)
Northeast	12.9 (12.4- 13.4)	12.9 (12.4- 13.4)	13.8 (12.1- 15.7)	11.1 (9.0- 13.6)
New England	12.1 (11.2- 13.0)	12.0 (11.1- 12.9)	16.7 (11.1- 24.8)	12.4 (6.9- 21.8)
Connecticut	12.1 (10.5- 14.0)	12.2 (10.5- 14.1)	~	~
Maine	13.9 (11.1- 17.2)	14.0 (11.2- 17.3)	~	~
Massachusetts	12.1 (10.9- 13.5)	11.7 (10.5- 13.1)	22.5 (13.4- 36.8)	-
New Hampshire	9.4 (6.9- 12.5)	9.3 (6.8- 12.5)	~	-
Rhode Island	12.2 (9.3- 15.8)	12.6 (9.5- 16.3)	~	~
Vermont	11.5 (7.9- 16.5)	11.7 (8.0- 16.6)	~	~
Middle Atlantic	13.2 (12.7- 13.7)	13.2 (12.7- 13.8)	13.5 (11.7- 15.4)	10.9 (8.7- 13.6)
New Jersey	13.9 (12.7- 15.2)	14.3 (13.0- 15.7)	11.6 (8.2- 16.4)	11.8 (7.6- 18.2)
New York	13.4 (12.6- 14.2)	13.4 (12.5- 14.3)	14.4 (12.0- 17.2)	10.9 (8.2- 14.3)
Pennsylvania	12.5 (11.7- 13.5)	12.5 (11.6- 13.4)	13.1 (9.9- 17.4)	-
Midwest	12.3 (11.9- 12.8)	12.1 (11.7- 12.6)	15.3 (13.5- 17.2)	11.2 (8.2- 15.2)
East North Central	12.7 (12.2- 13.3)	12.6 (12.1- 13.1)	14.7 (12.9- 16.8)	10.1 (7.0- 14.5)
Illinois	13.9 (12.8- 14.9)	13.4 (12.4- 14.6)	18.1 (14.6- 22.3)	-
Indiana	12.4 (11.1- 13.9)	12.4 (11.0- 13.9)	12.0 (7.2- 19.6)	~
Michigan	12.7 (11.7- 13.9)	12.7 (11.5- 13.9)	13.1 (9.9- 17.3)	~
Detroit	14.8 (12.9- 16.8)	15.0 (12.9- 17.3)	13.6 (9.8- 18.6)	-
Ohio	11.5 (10.6- 12.5)	11.3 (10.4- 12.4)	13.3 (10.0- 17.6)	~
Wisconsin	13.4 (12.0- 15.0)	13.4 (12.0- 15.0)	~	~
West North Central	11.3 (10.6- 12.1)	11.1 (10.4- 11.9)	18.2 (13.5- 24.4)	~
Iowa	12.9 (11.1- 14.9)	12.7 (10.9- 14.7)	~	~
Kansas	9.9 (8.2- 11.9)	9.3 (7.6- 11.3)	~	~
Minnesota	9.7 (8.4- 11.1)	9.6 (8.3- 11.1)	~	~
Missouri	13.1 (11.7- 14.6)	12.8 (11.4- 14.4)	16.7 (11.3- 24.3)	~
Nebraska	9.7 (7.6- 12.3)	9.8 (7.6- 12.3)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	16.0 (11.1- 22.4)	~	21.6 (14.6- 31.3)	~
Florida	12.8 (12.1- 13.6)	12.8 (12.0- 13.6)	14.0 (11.1- 17.5)	-
Georgia	12.0 (10.7- 13.4)	10.9 (9.5- 12.4)	16.7 (13.4- 20.8)	~
Atlanta	10.4 (8.3- 13.2)	8.8 (6.5- 11.8)	16.0 (10.4- 24.5)	~
Maryland				
North Carolina	11.9 (10.7- 13.2)	11.8 (10.5- 13.2)	11.9 (9.1- 15.4)	~
South Carolina	13.0 (11.3- 15.0)	13.0 (11.1- 15.3)	12.9 (9.3- 17.7)	-
Virginia				
West Virginia	12.1 (9.9- 14.6)	12.0 (9.8- 14.6)	~	~
East South Central				
Alabama	11.7 (10.2- 13.4)	11.4 (9.8- 13.3)	13.0 (9.4- 17.5)	~
Kentucky	11.7 (10.1- 13.5)	11.4 (9.8- 13.2)	~	-
Mississippi				
Tennessee				

continued

Table 2.7.1.1M: Cancer of the Pancreas. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	12.1 (11.5- 12.7)	11.8 (11.1- 12.5)	15.1 (13.0- 17.5)	11.3 (9.6- 13.3)
Arkansas	10.8 (9.0- 12.8)	10.3 (8.5- 12.4)	15.6 (9.3- 24.8)	~
Louisiana	13.5 (11.8- 15.4)	13.0 (11.1- 15.2)	15.7 (12.0- 20.3)	-
Oklahoma	12.5 (10.8- 14.5)	12.7 (10.9- 14.7)	~	~
Texas	11.9 (11.1- 12.7)	11.6 (10.8- 12.5)	15.3 (12.4- 18.9)	11.5 (9.7- 13.5)
West	11.7 (11.3- 12.1)	11.8 (11.4- 12.3)	14.0 (11.7- 16.8)	10.4 (9.2- 11.7)
Mountain	11.0 (10.2- 11.7)	11.0 (10.2- 11.8)	11.4 (6.8- 19.7)	10.4 (8.2- 13.3)
Arizona	10.9 (9.6- 12.3)	11.0 (9.6- 12.4)	~	10.1 (6.4- 16.0)
Colorado	11.2 (9.6- 13.1)	11.3 (9.6- 13.3)	~	13.0 (7.5- 22.1)
Idaho	11.2 (8.5- 14.5)	10.8 (8.2- 14.1)	~	~
Montana	9.0 (6.4- 12.4)	9.0 (6.4- 12.5)	~	-
Nevada	13.6 (11.3- 16.5)	13.6 (11.1- 16.6)	~	-
New Mexico	9.8 (7.8- 12.4)	10.2 (8.0- 12.9)	~	9.4 (5.9- 14.7)
Utah	9.2 (7.1- 11.8)	9.2 (7.1- 11.8)	~	~
Wyoming	13.5 (9.1- 19.6)	13.8 (9.3- 20.0)	~	~
Pacific	12.0 (11.5- 12.5)	12.3 (11.7- 12.8)	14.4 (11.8- 17.5)	10.3 (8.9- 11.9)
Alaska	7.0 (3.8- 13.8)	~	~	-
California	11.6 (11.0- 12.2)	12.0 (11.3- 12.7)	14.2 (11.5- 17.5)	10.0 (8.6- 11.7)
San Francisco-Oakland	11.3 (9.7- 13.0)	11.8 (10.0- 13.9)	11.5 (6.6- 19.3)	10.8 (6.0- 18.8)
San Jose-Monterey	8.2 (6.4- 10.4)	9.0 (6.9- 11.6)	~	~
Los Angeles	11.7 (10.5- 12.9)	12.4 (11.0- 13.9)	13.9 (10.2- 18.9)	8.9 (6.8- 11.6)
Hawaii	13.4 (10.6- 16.7)	14.2 (8.8- 22.3)	~	-
Oregon	12.1 (10.5- 14.0)	12.2 (10.5- 14.1)	~	~
Washington	14.1 (12.6- 15.7)	13.8 (12.3- 15.4)	~	~
Seattle-Puget Sound	14.4 (12.6- 16.4)	14.2 (12.4- 16.3)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.7.1.1F: Cancer of the Pancreas. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	9.4 (9.3- 9.6)	9.1 (8.9- 9.3)	12.8 (12.2- 13.4)	8.8 (8.2- 9.4)
Northeast	10.5 (10.1- 10.8)	10.2 (9.8- 10.5)	13.5 (12.2- 14.9)	10.2 (8.6- 12.0)
New England	9.6 (9.0- 10.3)	9.5 (8.9- 10.2)	12.3 (8.6- 17.2)	14.9 (9.7- 22.3)
Connecticut	9.7 (8.4- 11.2)	9.5 (8.2- 11.0)	~	~
Maine	8.5 (6.6- 10.9)	8.6 (6.7- 11.0)	~	~
Massachusetts	10.3 (9.3- 11.3)	10.2 (9.2- 11.3)	13.1 (7.8- 20.8)	-
New Hampshire	8.3 (6.3- 10.8)	8.2 (6.2- 10.8)	~	-
Rhode Island	10.3 (8.1- 13.0)	10.2 (7.9- 13.1)	~	~
Vermont	6.2 (3.9- 9.7)	6.3 (4.0- 9.8)	~	~
Middle Atlantic	10.8 (10.4- 11.2)	10.4 (10.0- 10.9)	13.6 (12.2- 15.1)	9.5 (7.9- 11.4)
New Jersey	10.0 (9.2- 10.9)	9.8 (8.9- 10.8)	11.8 (8.9- 15.2)	8.4 (5.5- 12.4)
New York	11.7 (11.1- 12.3)	11.4 (10.7- 12.1)	14.0 (12.2- 16.0)	9.7 (7.8- 12.1)
Pennsylvania	10.1 (9.4- 10.8)	9.6 (8.9- 10.3)	14.4 (11.6- 17.7)	-
Midwest	9.2 (8.9- 9.6)	8.9 (8.6- 9.2)	13.3 (12.0- 14.7)	9.3 (6.8- 12.5)
East North Central	9.7 (9.3- 10.1)	9.3 (8.9- 9.7)	13.3 (11.9- 14.9)	10.1 (7.2- 13.9)
Illinois	10.4 (9.7- 11.2)	9.8 (9.1- 10.7)	13.8 (11.4- 16.6)	-
Indiana	8.8 (7.8- 9.8)	8.3 (7.4- 9.4)	15.1 (10.3- 21.4)	~
Michigan	10.0 (9.2- 10.9)	9.6 (8.8- 10.5)	13.2 (10.5- 16.4)	~
Detroit	12.2 (10.8- 13.7)	11.6 (10.1- 13.4)	14.7 (11.5- 18.7)	-
Ohio	9.0 (8.3- 9.7)	8.7 (7.9- 9.4)	12.3 (9.7- 15.5)	~
Wisconsin	10.3 (9.2- 11.5)	10.3 (9.2- 11.6)	~	~
West North Central	8.1 (7.6- 8.7)	7.8 (7.3- 8.4)	13.1 (9.9- 17.1)	~
Iowa	9.0 (7.7- 10.5)	8.8 (7.5- 10.3)	~	~
Kansas	7.1 (5.9- 8.6)	7.1 (5.8- 8.6)	~	~
Minnesota	7.8 (6.8- 9.0)	7.6 (6.6- 8.8)	~	~
Missouri	8.5 (7.5- 9.5)	8.0 (7.1- 9.1)	13.0 (9.1- 18.0)	~
Nebraska	7.1 (5.6- 9.0)	7.0 (5.5- 8.9)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	12.1 (8.7- 16.7)	~	13.5 (9.2- 19.7)	~
Florida	9.4 (8.9- 10.0)	9.2 (8.7- 9.9)	11.3 (9.2- 13.8)	-
Georgia	9.0 (8.1- 10.0)	8.5 (7.5- 9.6)	11.2 (9.0- 13.7)	~
Atlanta	7.7 (6.2- 9.5)	7.5 (5.7- 9.7)	8.0 (5.2- 12.0)	~
Maryland				
North Carolina	9.5 (8.7- 10.5)	8.8 (7.9- 9.8)	13.5 (11.1- 16.3)	~
South Carolina	9.3 (8.1- 10.6)	8.0 (6.7- 9.5)	13.2 (10.3- 16.6)	-
Virginia				
West Virginia	7.8 (6.3- 9.6)	7.5 (6.0- 9.3)	~	~
East South Central				
Alabama	9.8 (8.6- 11.0)	9.4 (8.2- 10.9)	11.0 (8.5- 14.1)	~
Kentucky	8.7 (7.5- 10.0)	8.6 (7.5- 10.0)	~	-
Mississippi				
Tennessee				

continued

Table 2.7.1.1F: Cancer of the Pancreas. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	8.9 (8.4- 9.4)	8.5 (8.0- 9.0)	12.8 (11.2- 14.6)	8.3 (7.0- 9.7)
Arkansas	7.1 (5.9- 8.6)	6.5 (5.3- 8.0)	11.3 (7.0- 17.3)	~
Louisiana	10.4 (9.2- 11.8)	8.9 (7.6- 10.5)	15.3 (12.3- 18.8)	-
Oklahoma	8.2 (7.1- 9.6)	8.4 (7.1- 9.8)	~	~
Texas	9.0 (8.4- 9.6)	8.7 (8.1- 9.4)	11.8 (9.7- 14.3)	8.3 (7.0- 9.8)
West	8.9 (8.5- 9.2)	8.7 (8.4- 9.1)	12.4 (10.5- 14.6)	8.7 (7.7- 9.8)
Mountain	8.6 (8.1- 9.3)	8.6 (8.0- 9.3)	10.1 (6.0- 16.3)	9.4 (7.5- 11.7)
Arizona	8.4 (7.3- 9.5)	8.2 (7.2- 9.4)	~	9.0 (5.9- 13.4)
Colorado	9.7 (8.4- 11.2)	9.7 (8.4- 11.2)	~	9.9 (5.7- 16.2)
Idaho	8.7 (6.6- 11.3)	8.7 (6.6- 11.3)	~	~
Montana	9.9 (7.4- 13.0)	9.8 (7.3- 13.0)	~	-
Nevada	8.3 (6.6- 10.4)	8.3 (6.5- 10.4)	~	-
New Mexico	7.1 (5.5- 9.0)	7.2 (5.5- 9.2)	~	7.9 (5.0- 12.0)
Utah	7.6 (5.9- 9.7)	7.8 (6.1- 10.0)	~	~
Wyoming	11.5 (7.8- 16.6)	11.8 (8.0- 17.1)	~	~
Pacific	9.0 (8.6- 9.4)	8.8 (8.3- 9.2)	12.8 (10.7- 15.2)	8.5 (7.4- 9.7)
Alaska	12.9 (8.1- 19.8)	13.4 (7.9- 21.8)	~	-
California	8.5 (8.0- 8.9)	8.3 (7.8- 8.8)	12.8 (10.7- 15.3)	8.5 (7.3- 9.8)
San Francisco-Oakland	7.8 (6.7- 9.0)	6.8 (5.6- 8.3)	13.7 (9.1- 19.9)	8.6 (5.0- 13.9)
San Jose-Monterey	7.4 (5.9- 9.2)	7.3 (5.6- 9.4)	~	~
Los Angeles	8.8 (8.0- 9.8)	8.7 (7.7- 9.8)	13.1 (10.0- 16.9)	8.4 (6.6- 10.5)
Hawaii	11.3 (9.0- 14.2)	10.4 (6.0- 17.6)	~	-
Oregon	8.9 (7.7- 10.4)	8.9 (7.6- 10.4)	~	~
Washington	10.8 (9.6- 12.0)	10.5 (9.3- 11.7)	~	~
Seattle-Puget Sound	10.5 (9.1- 12.0)	10.1 (8.7- 11.6)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.7.1.2M: Cancer of the Pancreas. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	12.1 (11.9- 12.3)	12.0 (11.8- 12.2)	15.0 (14.3- 15.9)	9.0 (8.3- 9.8)
Northeast	12.2 (11.8- 12.7)	12.3 (11.8- 12.7)	13.4 (11.7- 15.3)	8.5 (6.6- 10.9)
New England	11.9 (11.1- 12.8)	11.8 (10.9- 12.7)	18.3 (12.4- 26.7)	~
Connecticut	11.8 (10.1- 13.7)	11.6 (9.9- 13.6)	~	~
Maine	13.9 (11.1- 17.3)	13.6 (10.8- 16.9)	~	~
Massachusetts	12.1 (10.8- 13.4)	11.9 (10.6- 13.3)	18.7 (10.5- 32.2)	~
New Hampshire	10.5 (7.9- 13.8)	10.6 (8.0- 14.0)	~	~
Rhode Island	12.1 (9.2- 15.7)	11.8 (8.9- 15.5)	~	~
Vermont	8.4 (5.3- 13.0)	8.5 (5.3- 13.1)	~	~
Middle Atlantic	12.3 (11.8- 12.8)	12.5 (11.9- 13.0)	12.8 (11.1- 14.7)	8.9 (6.8- 11.6)
New Jersey	12.5 (11.4- 13.7)	12.7 (11.5- 14.0)	12.2 (8.8- 16.9)	7.5 (4.3- 13.2)
New York	12.3 (11.5- 13.1)	12.6 (11.8- 13.5)	11.7 (9.5- 14.4)	9.2 (6.6- 12.7)
Pennsylvania	12.3 (11.4- 13.2)	12.1 (11.2- 13.0)	15.9 (12.2- 20.7)	~
Midwest	12.2 (11.8- 12.6)	12.1 (11.7- 12.5)	14.7 (12.9- 16.6)	5.6 (3.7- 8.6)
East North Central	12.3 (11.8- 12.8)	12.2 (11.7- 12.8)	14.0 (12.2- 16.1)	4.4 (2.7- 7.6)
Illinois	12.8 (11.9- 13.9)	12.8 (11.7- 13.9)	15.0 (11.9- 19.0)	~
Indiana	12.7 (11.4- 14.3)	12.8 (11.4- 14.4)	12.2 (7.1- 20.3)	~
Michigan	12.2 (11.1- 13.3)	12.2 (11.1- 13.4)	12.0 (8.8- 16.1)	~
Ohio	11.6 (10.7- 12.6)	11.4 (10.4- 12.4)	15.3 (11.7- 20.0)	~
Wisconsin	12.1 (10.7- 13.6)	12.1 (10.7- 13.6)	~	~
West North Central	12.0 (11.3- 12.8)	11.8 (11.1- 12.6)	18.6 (13.8- 24.8)	~
Iowa	11.4 (9.7- 13.3)	11.2 (9.5- 13.1)	~	~
Kansas	12.2 (10.3- 14.4)	11.8 (9.9- 14.0)	~	~
Minnesota	11.7 (10.3- 13.3)	11.7 (10.2- 13.3)	~	~
Missouri	12.4 (11.0- 13.9)	12.1 (10.7- 13.6)	16.6 (11.2- 24.4)	~
Nebraska	11.6 (9.3- 14.3)	11.5 (9.2- 14.3)	~	~
North Dakota	13.6 (9.9- 18.4)	13.9 (10.0- 18.8)	~	~
South Dakota	12.6 (9.2- 16.8)	13.1 (9.6- 17.5)	~	~
South	12.2 (11.9- 12.6)	11.8 (11.5- 12.2)	15.7 (14.6- 16.8)	10.0 (8.8- 11.4)
South Atlantic	12.2 (11.8- 12.7)	11.9 (11.5- 12.4)	14.7 (13.4- 16.2)	9.3 (7.6- 11.3)
Delaware	14.5 (10.7- 19.5)	14.3 (10.3- 19.6)	~	~
District of Columbia	14.4 (9.7- 20.7)	~	17.2 (10.9- 26.2)	~
Florida	11.9 (11.2- 12.7)	11.9 (11.2- 12.7)	12.7 (10.0- 16.1)	9.4 (7.5- 11.6)
Georgia	12.4 (11.1- 13.9)	11.3 (9.9- 12.9)	17.6 (14.1- 21.7)	~
Maryland	12.6 (11.1- 14.3)	12.6 (10.9- 14.5)	14.6 (10.7- 19.7)	~
North Carolina	12.7 (11.4- 14.0)	12.6 (11.3- 14.1)	13.5 (10.5- 17.3)	~
South Carolina	13.7 (11.9- 15.7)	13.7 (11.6- 16.0)	14.0 (10.2- 18.9)	~
Virginia	11.6 (10.3- 13.0)	10.7 (9.4- 12.2)	15.9 (12.2- 20.6)	~
West Virginia	11.1 (9.0- 13.6)	11.3 (9.2- 13.9)	~	~
East South Central	11.9 (11.1- 12.8)	11.2 (10.3- 12.1)	17.1 (14.5- 20.0)	~
Alabama	12.9 (11.3- 14.7)	11.7 (10.0- 13.6)	18.6 (14.3- 23.9)	~
Kentucky	10.9 (9.4- 12.6)	10.7 (9.1- 12.5)	~	~
Mississippi	13.1 (11.0- 15.5)	11.4 (9.1- 14.1)	18.7 (13.9- 24.7)	~
Tennessee	11.2 (9.9- 12.7)	11.0 (9.6- 12.6)	14.3 (9.8- 20.5)	~
West South Central	12.4 (11.8- 13.1)	12.1 (11.4- 12.8)	16.9 (14.6- 19.5)	11.0 (9.3- 13.1)
Arkansas	11.2 (9.4- 13.3)	11.0 (9.1- 13.2)	13.6 (7.6- 22.5)	~

continued

Table 2.7.1.2M: Cancer of the Pancreas. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	13.9 (12.2- 15.9)	13.2 (11.3- 15.5)	16.7 (12.9- 21.4)	~
Oklahoma	12.7 (11.0- 14.7)	13.2 (11.4- 15.4)	~	~
Texas	12.3 (11.5- 13.1)	11.8 (11.0- 12.7)	18.5 (15.1- 22.4)	11.4 (9.5- 13.5)
West	11.6 (11.2- 12.1)	11.9 (11.4- 12.4)	15.4 (12.8- 18.5)	8.8 (7.7- 10.1)
Mountain	10.5 (9.8- 11.3)	10.6 (9.9- 11.4)	11.4 (6.3- 20.5)	8.5 (6.4- 11.3)
Arizona	11.2 (9.9- 12.7)	11.5 (10.1- 13.0)	~	8.4 (4.9- 14.1)
Colorado	10.2 (8.6- 12.0)	10.3 (8.7- 12.1)	~	~
Idaho	11.2 (8.5- 14.5)	11.0 (8.3- 14.3)	~	~
Montana	9.1 (6.4- 12.5)	9.1 (6.4- 12.6)	~	~
Nevada	10.5 (8.3- 13.2)	10.7 (8.4- 13.5)	~	~
New Mexico	9.9 (7.7- 12.4)	10.2 (8.0- 12.9)	~	8.9 (5.2- 14.4)
Utah	9.4 (7.3- 12.1)	9.0 (6.9- 11.6)	~	~
Wyoming	13.7 (9.2- 20.0)	14.0 (9.4- 20.4)	~	~
Pacific	12.1 (11.6- 12.6)	12.5 (11.9- 13.1)	16.0 (13.1- 19.5)	8.9 (7.6- 10.4)
Alaska	9.2 (5.0- 17.1)	~	~	~
California	11.8 (11.2- 12.4)	12.2 (11.6- 12.9)	15.6 (12.6- 19.2)	9.0 (7.7- 10.6)
Hawaii	11.6 (9.0- 14.8)	11.2 (6.5- 18.6)	~	~
Oregon	12.6 (10.9- 14.5)	12.7 (11.0- 14.7)	~	~
Washington	13.6 (12.1- 15.2)	13.7 (12.2- 15.4)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.7.1.2F: Cancer of the Pancreas. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	9.3 (9.1- 9.4)	9.0 (8.9- 9.2)	12.5 (12.0- 13.1)	7.8 (7.2- 8.4)
Northeast	9.9 (9.6- 10.3)	9.7 (9.4- 10.1)	12.6 (11.3- 13.9)	7.4 (6.0- 9.0)
New England	9.8 (9.1- 10.5)	9.7 (9.1- 10.4)	13.7 (9.7- 19.0)	~
Connecticut	9.6 (8.3- 11.0)	9.4 (8.1- 10.9)	14.8 (8.7- 23.8)	~
Maine	8.4 (6.6- 10.8)	8.4 (6.5- 10.7)	~	~
Massachusetts	10.0 (9.0- 11.0)	10.0 (9.0- 11.0)	11.8 (6.7- 19.4)	~
New Hampshire	11.4 (9.0- 14.3)	11.5 (9.1- 14.4)	~	~
Rhode Island	11.3 (9.0- 14.2)	11.3 (8.9- 14.3)	~	~
Vermont	5.9 (3.7- 9.3)	6.0 (3.7- 9.4)	~	~
Middle Atlantic	10.0 (9.6- 10.4)	9.8 (9.4- 10.2)	12.5 (11.1- 13.9)	7.3 (5.8- 9.0)
New Jersey	10.3 (9.4- 11.2)	10.1 (9.2- 11.0)	13.5 (10.5- 17.2)	~
New York	10.4 (9.8- 11.0)	10.3 (9.6- 10.9)	11.9 (10.2- 13.8)	7.5 (5.7- 9.6)
Pennsylvania	9.3 (8.7- 10.0)	9.0 (8.4- 9.7)	13.2 (10.5- 16.3)	~
Midwest	9.2 (8.9- 9.5)	9.0 (8.7- 9.3)	13.1 (11.8- 14.6)	5.7 (3.8- 8.4)
East North Central	9.5 (9.1- 9.9)	9.2 (8.8- 9.6)	13.5 (12.0- 15.1)	5.8 (3.6- 8.9)
Illinois	10.2 (9.4- 10.9)	9.8 (9.0- 10.7)	14.2 (11.7- 17.1)	7.1 (4.1- 12.0)
Indiana	9.0 (8.0- 10.0)	8.7 (7.7- 9.8)	14.1 (9.5- 20.2)	~
Michigan	9.3 (8.5- 10.1)	8.9 (8.1- 9.8)	13.5 (10.7- 16.8)	~
Ohio	8.8 (8.2- 9.6)	8.5 (7.8- 9.3)	12.9 (10.2- 16.1)	~
Wisconsin	10.2 (9.1- 11.4)	10.3 (9.2- 11.5)	~	~
West North Central	8.7 (8.1- 9.2)	8.6 (8.1- 9.2)	10.8 (7.9- 14.5)	~
Iowa	9.3 (8.0- 10.9)	9.2 (7.8- 10.7)	~	~
Kansas	8.1 (6.8- 9.7)	8.1 (6.7- 9.7)	~	~
Minnesota	8.5 (7.4- 9.6)	8.6 (7.5- 9.8)	~	~
Missouri	8.6 (7.7- 9.7)	8.6 (7.6- 9.7)	10.3 (6.9- 14.9)	~
Nebraska	7.6 (6.1- 9.5)	7.5 (5.9- 9.4)	~	~
North Dakota	9.1 (6.4- 12.7)	9.2 (6.5- 13.0)	~	~
South Dakota	11.2 (8.3- 14.9)	11.4 (8.4- 15.3)	~	~
South	9.0 (8.8- 9.3)	8.5 (8.3- 8.8)	12.3 (11.6- 13.1)	7.4 (6.5- 8.4)
South Atlantic	9.0 (8.7- 9.4)	8.5 (8.2- 8.9)	12.0 (11.0- 13.1)	6.1 (5.0- 7.5)
Delaware	12.4 (9.4- 16.1)	11.1 (8.1- 15.1)	~	~
District of Columbia	11.2 (8.0- 15.6)	~	13.6 (9.3- 19.8)	~
Florida	8.9 (8.4- 9.5)	8.9 (8.3- 9.5)	10.4 (8.4- 12.7)	6.9 (5.6- 8.5)
Georgia	8.7 (7.8- 9.7)	7.9 (6.9- 8.9)	11.8 (9.6- 14.4)	~
Maryland	10.1 (8.9- 11.3)	9.3 (8.1- 10.7)	12.9 (10.1- 16.2)	~
North Carolina	9.3 (8.5- 10.2)	8.7 (7.7- 9.7)	13.0 (10.6- 15.7)	~
South Carolina	9.5 (8.3- 10.8)	8.6 (7.3- 10.2)	12.0 (9.3- 15.3)	~
Virginia	8.7 (7.8- 9.6)	8.3 (7.3- 9.3)	11.1 (8.6- 14.1)	~
West Virginia	6.5 (5.1- 8.2)	6.2 (4.9- 7.9)	~	~
East South Central	9.5 (8.9- 10.2)	8.9 (8.3- 9.5)	13.3 (11.5- 15.2)	~
Alabama	9.8 (8.7- 11.1)	8.9 (7.7- 10.3)	13.3 (10.5- 16.7)	~
Kentucky	8.6 (7.5- 9.9)	8.5 (7.3- 9.8)	~	~
Mississippi	9.2 (7.8- 10.9)	8.4 (6.8- 10.2)	11.5 (8.6- 15.2)	~
Tennessee	10.1 (9.0- 11.2)	9.3 (8.3- 10.5)	16.0 (12.2- 20.6)	~
West South Central	8.7 (8.2- 9.2)	8.3 (7.9- 8.8)	12.4 (10.8- 14.1)	8.5 (7.2- 10.0)
Arkansas	8.6 (7.3- 10.2)	8.1 (6.7- 9.8)	13.1 (8.4- 19.5)	~

continued

Table 2.7.1.2F: Cancer of the Pancreas. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	9.7 (8.5- 11.0)	8.7 (7.4- 10.2)	12.5 (9.8- 15.7)	~
Oklahoma	7.8 (6.6- 9.1)	7.9 (6.7- 9.3)	~	~
Texas	8.7 (8.1- 9.3)	8.4 (7.8- 9.0)	12.5 (10.4- 15.1)	8.6 (7.2- 10.1)
West	9.1 (8.8- 9.4)	9.2 (8.8- 9.5)	12.3 (10.4- 14.5)	8.7 (7.7- 9.8)
Mountain	8.8 (8.2- 9.4)	8.7 (8.1- 9.4)	12.6 (7.8- 19.6)	10.1 (8.1- 12.6)
Arizona	9.0 (7.9- 10.1)	8.8 (7.7- 10.0)	~	9.2 (5.9- 13.7)
Colorado	9.2 (7.9- 10.6)	9.0 (7.7- 10.5)	~	11.5 (6.8- 18.2)
Idaho	9.1 (6.9- 11.7)	8.9 (6.8- 11.5)	~	~
Montana	11.0 (8.4- 14.3)	11.2 (8.5- 14.6)	~	~
Nevada	9.4 (7.6- 11.6)	9.4 (7.5- 11.6)	~	~
New Mexico	7.6 (5.9- 9.5)	7.6 (5.9- 9.7)	~	10.0 (6.6- 14.5)
Utah	6.4 (4.8- 8.3)	6.6 (5.0- 8.6)	~	~
Wyoming	8.4 (5.3- 12.9)	8.6 (5.4- 13.3)	~	~
Pacific	9.2 (8.8- 9.6)	9.4 (8.9- 9.8)	12.3 (10.2- 14.6)	8.2 (7.1- 9.5)
Alaska	12.4 (7.7- 19.4)	14.1 (8.3- 22.9)	~	~
California	9.0 (8.5- 9.4)	9.1 (8.6- 9.6)	12.7 (10.5- 15.2)	8.1 (7.0- 9.4)
Hawaii	9.1 (7.0- 11.6)	11.7 (7.0- 19.1)	~	~
Oregon	9.7 (8.4- 11.2)	9.8 (8.5- 11.4)	~	~
Washington	10.0 (8.9- 11.2)	10.0 (8.9- 11.2)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.8.1.1M: Cancer of the Larynx. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	7.5 (7.3- 7.7)	7.2 (7.0- 7.4)	12.0 (11.3- 12.7)	6.6 (6.0- 7.2)
Northeast	7.6 (7.3- 8.0)	7.4 (7.0- 7.7)	10.4 (9.0- 12.0)	8.8 (7.0- 11.0)
New England	7.0 (6.4- 7.7)	6.9 (6.2- 7.5)	8.7 (5.3- 14.7)	~
Connecticut	7.3 (6.0- 8.7)	7.0 (5.7- 8.5)	~	~
Maine	7.0 (5.1- 9.4)	7.0 (5.1- 9.5)	~	~
Massachusetts	6.7 (5.8- 7.7)	6.6 (5.7- 7.7)	~	-
New Hampshire	7.7 (5.5- 10.6)	7.6 (5.4- 10.5)	~	-
Rhode Island	7.5 (5.3- 10.4)	7.3 (5.0- 10.2)	~	~
Vermont	6.2 (3.7- 10.0)	6.2 (3.7- 10.1)	~	~
Middle Atlantic	7.8 (7.4- 8.2)	7.5 (7.1- 8.0)	10.6 (9.1- 12.2)	8.9 (7.0- 11.3)
New Jersey	8.3 (7.4- 9.2)	7.8 (6.8- 8.8)	13.6 (10.1- 18.5)	8.1 (4.9- 13.7)
New York	7.4 (6.9- 8.0)	7.3 (6.7- 8.0)	8.2 (6.6- 10.2)	9.4 (7.0- 12.6)
Pennsylvania	8.1 (7.4- 8.8)	7.7 (7.0- 8.5)	13.4 (10.1- 17.7)	-
Midwest	7.4 (7.1- 7.7)	7.0 (6.7- 7.3)	12.2 (10.8- 13.9)	4.7 (2.9- 7.7)
East North Central	7.8 (7.4- 8.2)	7.3 (6.9- 7.7)	12.6 (11.0- 14.4)	3.9 (2.3- 6.9)
Illinois	8.3 (7.5- 9.1)	7.7 (6.9- 8.6)	12.7 (10.1- 16.1)	-
Indiana	7.7 (6.7- 8.8)	7.5 (6.4- 8.7)	10.4 (6.1- 17.5)	~
Michigan	7.6 (6.8- 8.5)	6.9 (6.1- 7.8)	13.1 (10.0- 17.0)	~
Detroit	8.8 (7.4- 10.3)	7.6 (6.2- 9.2)	13.7 (10.1- 18.6)	-
Ohio	7.6 (6.9- 8.4)	7.1 (6.3- 7.9)	13.1 (9.9- 17.2)	~
Wisconsin	7.4 (6.3- 8.5)	7.4 (6.3- 8.5)	~	~
West North Central	6.6 (6.0- 7.2)	6.4 (5.8- 6.9)	10.3 (7.0- 15.1)	~
Iowa	6.6 (5.4- 8.1)	6.6 (5.4- 8.1)	~	~
Kansas	6.6 (5.2- 8.2)	6.2 (4.9- 7.9)	~	~
Minnesota	5.7 (4.7- 6.8)	5.3 (4.3- 6.4)	~	~
Missouri	7.3 (6.3- 8.5)	7.1 (6.1- 8.3)	9.6 (5.7- 15.7)	~
Nebraska	6.7 (5.0- 8.8)	6.8 (5.1- 9.0)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	11.8 (7.9- 17.3)	~	15.8 (10.1- 24.0)	~
Florida	9.2 (8.6- 9.8)	9.0 (8.4- 9.7)	10.3 (8.0- 13.2)	-
Georgia	9.7 (8.6- 10.9)	9.2 (8.0- 10.5)	12.8 (10.1- 16.2)	~
Atlanta	7.6 (5.9- 10.0)	6.2 (4.3- 8.8)	13.0 (8.5- 20.3)	~
Maryland				
North Carolina	8.7 (7.8- 9.8)	7.9 (6.9- 9.1)	13.4 (10.4- 17.0)	~
South Carolina	10.4 (8.9- 12.1)	9.5 (7.9- 11.4)	13.5 (10.1- 18.1)	-
Virginia				
West Virginia	10.1 (8.2- 12.5)	10.3 (8.3- 12.7)	~	~
East South Central				
Alabama	9.4 (8.1- 10.9)	8.4 (7.0- 10.0)	13.3 (9.8- 17.6)	~
Kentucky	10.8 (9.3- 12.5)	10.3 (8.8- 12.0)	19.7 (11.7- 32.3)	-
Mississippi				
Tennessee				

continued

Table 2.8.1.1M: Cancer of the Larynx. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	8.2 (7.8- 8.8)	7.6 (7.1- 8.2)	14.4 (12.4- 16.7)	7.3 (5.9- 8.9)
Arkansas	8.5 (7.0- 10.3)	8.4 (6.8- 10.3)	~	~
Louisiana	10.7 (9.2- 12.3)	9.1 (7.6- 10.9)	16.1 (12.6- 20.5)	-
Oklahoma	8.4 (7.0- 10.0)	8.5 (7.0- 10.2)	~	~
Texas	7.7 (7.1- 8.3)	7.1 (6.5- 7.8)	14.5 (11.7- 17.8)	7.2 (5.8- 8.9)
West	5.5 (5.2- 5.8)	5.6 (5.3- 5.9)	9.1 (7.2- 11.5)	4.7 (3.9- 5.7)
Mountain	5.3 (4.8- 5.9)	5.4 (4.8- 5.9)	~	4.4 (3.0- 6.5)
Arizona	6.5 (5.5- 7.6)	6.6 (5.6- 7.7)	~	~
Colorado	4.8 (3.8- 6.0)	4.7 (3.7- 6.0)	~	~
Idaho	6.1 (4.2- 8.6)	6.0 (4.1- 8.6)	~	~
Montana	7.3 (5.1- 10.4)	6.8 (4.5- 9.8)	~	-
Nevada	4.6 (3.3- 6.4)	4.6 (3.2- 6.5)	~	-
New Mexico	4.9 (3.5- 6.7)	5.3 (3.8- 7.3)	~	~
Utah	3.2 (2.1- 4.9)	3.3 (2.2- 5.1)	~	~
Wyoming	~	~	~	~
Pacific	5.6 (5.2- 5.9)	5.7 (5.3- 6.1)	9.6 (7.5- 12.2)	4.8 (3.9- 6.0)
Alaska	~	~	~	-
California	5.4 (5.0- 5.8)	5.5 (5.0- 5.9)	10.1 (7.8- 12.9)	5.0 (4.0- 6.1)
San Francisco-Oakland	5.3 (4.2- 6.5)	4.9 (3.7- 6.3)	12.5 (7.4- 20.4)	~
San Jose-Monterey	4.1 (2.9- 5.7)	4.4 (3.0- 6.3)	~	~
Los Angeles	5.8 (5.0- 6.7)	5.6 (4.7- 6.7)	13.2 (9.4- 18.4)	6.6 (4.7- 9.0)
Hawaii	6.3 (4.5- 8.7)	12.7 (7.7- 20.2)	~	-
Oregon	5.2 (4.1- 6.4)	5.1 (4.1- 6.4)	~	~
Washington	6.3 (5.4- 7.4)	6.5 (5.5- 7.6)	~	~
Seattle-Puget Sound	5.8 (4.7- 7.1)	6.1 (4.9- 7.5)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.8.1.1F: Cancer of the Larynx. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	1.5 (1.5- 1.6)	1.6 (1.5- 1.6)	1.8 (1.6- 2.0)	0.9 (0.7- 1.1)
Northeast	1.6 (1.5- 1.8)	1.7 (1.5- 1.8)	1.4 (1.0- 1.9)	1.3 (0.8- 2.1)
New England	1.6 (1.4- 1.9)	1.7 (1.4- 2.0)	~	~
Connecticut	1.4 (0.9- 2.1)	1.4 (0.9- 2.1)	~	~
Maine	2.0 (1.2- 3.5)	~	~	~
Massachusetts	1.7 (1.3- 2.1)	1.7 (1.3- 2.2)	~	-
New Hampshire	~	~	~	-
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	1.6 (1.5- 1.8)	1.7 (1.5- 1.9)	1.5 (1.1- 2.0)	1.3 (0.8- 2.1)
New Jersey	1.6 (1.2- 2.0)	1.8 (1.4- 2.3)	~	~
New York	1.7 (1.5- 2.0)	1.8 (1.5- 2.1)	1.6 (1.0- 2.4)	1.4 (0.8- 2.5)
Pennsylvania	1.6 (1.3- 1.9)	1.6 (1.3- 1.9)	~	-
Midwest	1.6 (1.5- 1.7)	1.5 (1.4- 1.7)	2.6 (2.0- 3.3)	~
East North Central	1.7 (1.5- 1.8)	1.6 (1.4- 1.7)	2.5 (1.9- 3.3)	~
Illinois	1.7 (1.4- 2.0)	1.5 (1.2- 1.9)	3.0 (2.0- 4.5)	-
Indiana	2.2 (1.8- 2.8)	2.2 (1.7- 2.8)	~	~
Michigan	1.5 (1.2- 1.9)	1.3 (1.0- 1.7)	2.5 (1.4- 4.0)	~
Detroit	1.6 (1.1- 2.3)	1.3 (0.8- 2.0)	~	-
Ohio	1.5 (1.2- 1.9)	1.5 (1.2- 1.8)	~	~
Wisconsin	1.6 (1.2- 2.1)	1.6 (1.2- 2.2)	~	~
West North Central	1.5 (1.2- 1.7)	1.4 (1.2- 1.7)	~	~
Iowa	1.2 (0.7- 1.9)	1.2 (0.8- 2.0)	~	~
Kansas	2.2 (1.5- 3.1)	2.0 (1.3- 2.9)	~	~
Minnesota	1.2 (0.8- 1.7)	1.2 (0.8- 1.8)	~	~
Missouri	1.6 (1.2- 2.1)	1.5 (1.1- 2.0)	~	~
Nebraska	~	~	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	~	~	~	~
Florida	1.9 (1.6- 2.2)	2.0 (1.7- 2.3)	~	-
Georgia	1.3 (0.9- 1.7)	1.3 (1.0- 1.8)	~	~
Atlanta	~	~	~	~
Maryland				
North Carolina	1.6 (1.3- 2.1)	1.7 (1.3- 2.2)	~	~
South Carolina	1.6 (1.1- 2.3)	1.8 (1.3- 2.7)	~	-
Virginia				
West Virginia	2.0 (1.3- 3.2)	2.1 (1.3- 3.3)	~	~
East South Central				
Alabama	1.7 (1.2- 2.3)	1.3 (0.8- 1.9)	3.2 (1.8- 5.1)	~
Kentucky	3.3 (2.6- 4.1)	3.3 (2.6- 4.2)	~	-
Mississippi				
Tennessee				

continued

Table 2.8.1.1F: Cancer of the Larynx. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	1.4 (1.3- 1.7)	1.4 (1.2- 1.7)	1.8 (1.3- 2.6)	~
Arkansas	1.6 (1.0- 2.4)	1.5 (0.9- 2.3)	~	~
Louisiana	2.3 (1.8- 3.0)	2.7 (1.9- 3.6)	~	-
Oklahoma	1.5 (1.0- 2.2)	1.6 (1.1- 2.4)	~	~
Texas	1.2 (1.0- 1.4)	1.2 (0.9- 1.4)	1.8 (1.1- 2.9)	~
West	1.2 (1.1- 1.3)	1.2 (1.1- 1.4)	1.5 (0.9- 2.4)	0.8 (0.5- 1.1)
Mountain	1.3 (1.1- 1.5)	1.3 (1.1- 1.6)	~	~
Arizona	1.2 (0.9- 1.7)	1.3 (0.9- 1.8)	~	~
Colorado	1.3 (0.9- 1.9)	1.3 (0.9- 1.9)	~	~
Idaho	~	~	~	~
Montana	~	~	~	-
Nevada	~	~	~	-
New Mexico	1.6 (0.9- 2.7)	1.8 (1.0- 3.0)	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	1.1 (1.0- 1.3)	1.2 (1.1- 1.4)	1.6 (0.9- 2.5)	0.6 (0.3- 1.0)
Alaska	~	~	~	-
California	1.1 (1.0- 1.3)	1.2 (1.0- 1.4)	1.7 (1.0- 2.7)	~
San Francisco-Oakland	0.9 (0.5- 1.4)	~	~	~
San Jose-Monterey	~	~	~	~
Los Angeles	1.2 (0.9- 1.6)	1.2 (0.9- 1.7)	~	~
Hawaii	~	~	~	-
Oregon	1.1 (0.7- 1.7)	1.2 (0.7- 1.8)	~	~
Washington	1.2 (0.8- 1.7)	1.3 (0.9- 1.8)	~	~
Seattle-Puget Sound	1.2 (0.7- 1.7)	1.3 (0.8- 2.0)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.8.1.2M: Cancer of the Larynx. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	2.5 (2.4- 2.6)	2.3 (2.2- 2.4)	5.0 (4.6- 5.5)	1.9 (1.6- 2.3)
Northeast	2.5 (2.3- 2.7)	2.3 (2.1- 2.6)	4.5 (3.6- 5.7)	2.7 (1.7- 4.2)
New England	2.4 (2.1- 2.9)	2.3 (2.0- 2.8)	~	~
Connecticut	1.9 (1.3- 2.7)	1.7 (1.1- 2.5)	~	~
Maine	~	~	~	~
Massachusetts	2.9 (2.3- 3.6)	2.9 (2.3- 3.6)	~	~
New Hampshire	~	~	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	2.5 (2.3- 2.8)	2.3 (2.1- 2.6)	4.3 (3.4- 5.5)	2.7 (1.7- 4.4)
New Jersey	2.5 (2.1- 3.1)	2.1 (1.6- 2.7)	7.0 (4.3- 11.3)	~
New York	2.5 (2.1- 2.8)	2.4 (2.0- 2.8)	3.6 (2.5- 5.2)	~
Pennsylvania	2.5 (2.2- 3.0)	2.4 (2.0- 2.8)	3.8 (2.2- 6.7)	~
Midwest	2.5 (2.3- 2.7)	2.3 (2.1- 2.5)	5.4 (4.4- 6.6)	~
East North Central	2.6 (2.4- 2.8)	2.3 (2.1- 2.6)	5.6 (4.5- 7.0)	~
Illinois	2.7 (2.2- 3.2)	2.2 (1.8- 2.7)	7.1 (5.0- 10.1)	~
Indiana	2.6 (2.0- 3.3)	2.4 (1.8- 3.1)	~	~
Michigan	2.5 (2.1- 3.1)	2.2 (1.7- 2.7)	5.6 (3.6- 8.6)	~
Ohio	2.6 (2.2- 3.2)	2.5 (2.1- 3.1)	3.9 (2.3- 6.6)	~
Wisconsin	2.3 (1.7- 3.0)	2.3 (1.7- 3.0)	~	~
West North Central	2.3 (2.0- 2.6)	2.2 (1.9- 2.6)	~	~
Iowa	2.6 (1.8- 3.6)	2.6 (1.8- 3.6)	~	~
Kansas	2.2 (1.4- 3.3)	2.1 (1.3- 3.1)	~	~
Minnesota	2.3 (1.7- 3.1)	2.3 (1.7- 3.1)	~	~
Missouri	2.4 (1.8- 3.1)	2.3 (1.8- 3.1)	~	~
Nebraska	~	~	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	2.7 (2.6- 2.9)	2.4 (2.2- 2.6)	5.2 (4.6- 5.8)	2.0 (1.5- 2.7)
South Atlantic	2.7 (2.5- 3.0)	2.3 (2.1- 2.5)	5.7 (4.9- 6.6)	1.8 (1.1- 2.8)
Delaware	~	~	~	~
District of Columbia	7.7 (4.5- 12.6)	~	11.7 (6.8- 19.4)	~
Florida	2.5 (2.2- 2.9)	2.4 (2.0- 2.7)	4.1 (2.7- 6.2)	1.9 (1.1- 3.0)
Georgia	3.5 (2.8- 4.3)	2.7 (2.0- 3.6)	7.1 (5.0- 9.8)	~
Maryland	3.1 (2.4- 4.0)	2.2 (1.5- 3.1)	6.9 (4.5- 10.4)	~
North Carolina	2.8 (2.2- 3.4)	2.0 (1.5- 2.7)	6.5 (4.5- 9.4)	~
South Carolina	2.5 (1.8- 3.4)	1.9 (1.2- 2.9)	4.7 (2.8- 7.9)	~
Virginia	2.2 (1.7- 2.9)	2.1 (1.5- 2.8)	3.6 (2.1- 6.2)	~
West Virginia	2.9 (1.9- 4.2)	2.8 (1.9- 4.3)	~	~
East South Central	3.0 (2.6- 3.4)	2.9 (2.4- 3.3)	4.0 (2.9- 5.5)	~
Alabama	2.9 (2.2- 3.8)	2.6 (1.8- 3.6)	4.3 (2.4- 7.2)	~
Kentucky	3.2 (2.5- 4.3)	3.2 (2.4- 4.2)	~	~
Mississippi	2.8 (1.9- 4.0)	2.7 (1.6- 4.2)	~	~
Tennessee	2.9 (2.3- 3.8)	2.9 (2.2- 3.8)	~	~
West South Central	2.6 (2.3- 2.9)	2.4 (2.1- 2.7)	4.8 (3.6- 6.2)	2.2 (1.4- 3.2)
Arkansas	1.8 (1.2- 2.8)	1.4 (0.8- 2.4)	~	~

continued

Table 2.8.1.2M: Cancer of the Larynx. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	3.9 (3.0- 5.0)	3.6 (2.7- 4.9)	5.1 (3.1- 7.9)	~
Oklahoma	2.6 (1.9- 3.6)	2.7 (1.9- 3.8)	~	~
Texas	2.4 (2.1- 2.8)	2.2 (1.9- 2.6)	4.7 (3.2- 6.8)	2.2 (1.4- 3.3)
West	2.0 (1.8- 2.2)	1.9 (1.8- 2.1)	4.4 (3.0- 6.3)	1.5 (1.1- 2.1)
Mountain	1.9 (1.6- 2.3)	1.8 (1.5- 2.2)	~	2.3 (1.3- 3.9)
Arizona	1.9 (1.4- 2.6)	1.9 (1.4- 2.6)	~	~
Colorado	1.7 (1.1- 2.6)	1.7 (1.1- 2.6)	~	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	1.8 (1.1- 3.2)	~	~	~
New Mexico	2.4 (1.4- 3.8)	2.3 (1.3- 3.8)	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	2.0 (1.8- 2.3)	2.0 (1.8- 2.2)	4.2 (2.8- 6.3)	1.2 (0.8- 1.9)
Alaska	~	~	~	~
California	2.0 (1.8- 2.3)	2.0 (1.7- 2.3)	4.4 (2.9- 6.6)	1.2 (0.8- 1.9)
Hawaii	~	~	~	~
Oregon	2.0 (1.4- 2.9)	2.1 (1.4- 3.0)	~	~
Washington	2.1 (1.5- 2.8)	2.0 (1.5- 2.7)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.8.1.2F: Cancer of the Larynx. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	0.5 (0.5- 0.5)	0.5 (0.4- 0.5)	0.9 (0.7- 1.0)	0.2 (0.2- 0.4)
Northeast	0.5 (0.4- 0.5)	0.4 (0.4- 0.5)	0.8 (0.5- 1.2)	~
New England	0.5 (0.3- 0.6)	0.4 (0.3- 0.6)	~	~
Connecticut	~	~	~	~
Maine	~	~	~	~
Massachusetts	0.5 (0.3- 0.8)	~	~	~
New Hampshire	~	~	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	0.5 (0.4- 0.6)	0.4 (0.4- 0.5)	0.7 (0.5- 1.2)	~
New Jersey	0.6 (0.4- 0.9)	0.7 (0.5- 1.0)	~	~
New York	0.4 (0.3- 0.5)	0.4 (0.3- 0.5)	~	~
Pennsylvania	0.5 (0.3- 0.7)	0.4 (0.2- 0.6)	~	~
Midwest	0.5 (0.4- 0.6)	0.5 (0.4- 0.5)	0.8 (0.5- 1.2)	~
East North Central	0.5 (0.5- 0.6)	0.5 (0.4- 0.6)	0.8 (0.5- 1.3)	~
Illinois	0.5 (0.3- 0.7)	0.4 (0.3- 0.6)	~	~
Indiana	~	~	~	~
Michigan	0.7 (0.5- 0.9)	0.7 (0.4- 0.9)	~	~
Ohio	0.6 (0.4- 0.8)	0.6 (0.4- 0.8)	~	~
Wisconsin	0.6 (0.4- 1.0)	0.6 (0.4- 1.0)	~	~
West North Central	0.3 (0.2- 0.5)	0.3 (0.2- 0.5)	~	~
Iowa	~	~	~	~
Kansas	~	~	~	~
Minnesota	~	~	~	~
Missouri	~	~	~	~
Nebraska	~	~	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	0.5 (0.5- 0.6)	0.5 (0.4- 0.5)	0.8 (0.6- 1.1)	~
South Atlantic	0.6 (0.5- 0.6)	0.5 (0.4- 0.6)	0.7 (0.5- 1.0)	~
Delaware	~	~	~	~
District of Columbia	~	~	~	~
Florida	0.6 (0.4- 0.7)	0.6 (0.4- 0.7)	~	~
Georgia	0.5 (0.3- 0.8)	~	~	~
Maryland	~	~	~	~
North Carolina	0.4 (0.2- 0.6)	~	~	~
South Carolina	~	~	~	~
Virginia	0.6 (0.4- 1.0)	0.6 (0.3- 0.9)	~	~
West Virginia	~	~	~	~
East South Central	0.6 (0.4- 0.7)	0.5 (0.4- 0.7)	~	~
Alabama	~	~	~	~
Kentucky	~	~	~	~
Mississippi	~	~	~	~
Tennessee	0.9 (0.6- 1.2)	0.8 (0.5- 1.2)	~	~
West South Central	0.5 (0.4- 0.6)	0.4 (0.3- 0.5)	1.1 (0.6- 1.7)	~
Arkansas	~	~	~	~

continued

Table 2.8.1.2F: Cancer of the Larynx. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	0.7 (0.4- 1.1)	~	~	~
Oklahoma	~	~	~	~
Texas	0.5 (0.3- 0.6)	0.4 (0.3- 0.6)	~	~
West	0.5 (0.4- 0.5)	0.5 (0.4- 0.5)	1.5 (0.9- 2.3)	~
Mountain	0.4 (0.3- 0.6)	0.4 (0.3- 0.6)	~	~
Arizona	~	~	~	~
Colorado	~	~	~	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	~	~	~	~
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	1.5 (0.9- 2.5)	~
Alaska	~	~	~	~
California	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	1.7 (1.0- 2.7)	~
Hawaii	~	~	~	~
Oregon	~	~	~	~
Washington	~	~	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.9.1.1M: Cancer of the Lung and Bronchus. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	87.7 (87.1- 88.2)	86.8 (86.2- 87.4)	109.0 (106.7- 111.3)	52.0 (50.2- 53.9)
Northeast	85.2 (84.1- 86.4)	85.0 (83.8- 86.3)	95.3 (90.9- 100.0)	59.5 (54.6- 64.9)
New England	86.1 (83.9- 88.5)	86.6 (84.3- 89.0)	83.9 (71.3- 98.7)	82.0 (65.5- 102.2)
Connecticut	83.5 (79.0- 88.2)	84.0 (79.3- 88.8)	90.0 (69.4- 117.0)	70.2 (46.4- 104.2)
Maine	99.2 (91.5- 107.3)	99.4 (91.7- 107.6)	~	~
Massachusetts	85.6 (82.3- 89.1)	86.3 (82.8- 89.9)	79.2 (62.5- 100.3)	-
New Hampshire	76.9 (69.6- 84.9)	76.8 (69.4- 84.8)	~	-
Rhode Island	96.9 (88.3- 106.1)	97.7 (88.9- 107.2)	~	~
Vermont	77.2 (67.0- 88.7)	77.3 (67.1- 88.8)	~	~
Middle Atlantic	84.9 (83.6- 86.3)	84.4 (83.0- 85.9)	96.6 (91.9- 101.6)	56.6 (51.5- 62.2)
New Jersey	83.7 (80.7- 86.7)	83.5 (80.3- 86.7)	103.0 (92.2- 115.1)	54.3 (44.4- 66.2)
New York	79.7 (77.7- 81.7)	80.1 (78.0- 82.3)	82.0 (76.1- 88.2)	53.4 (47.5- 60.0)
Pennsylvania	92.6 (90.2- 95.1)	90.1 (87.7- 92.7)	126.6 (115.7- 138.5)	-
Midwest	91.8 (90.7- 93.0)	89.6 (88.5- 90.8)	121.4 (116.4- 126.6)	55.5 (48.3- 63.8)
East North Central	94.8 (93.4- 96.2)	92.3 (90.9- 93.8)	121.4 (116.0- 127.1)	54.8 (46.9- 64.1)
Illinois	94.5 (91.8- 97.3)	91.8 (88.9- 94.7)	121.8 (112.5- 131.8)	-
Indiana	109.0 (105.0- 113.1)	108.5 (104.3- 112.8)	113.6 (97.3- 132.4)	69.5 (42.7- 112.0)
Michigan	90.8 (88.0- 93.8)	87.7 (84.7- 90.8)	120.4 (110.1- 131.6)	79.2 (55.0- 112.9)
Detroit	103.6 (98.7- 108.7)	99.5 (94.1- 105.1)	127.2 (115.0- 140.5)	-
Ohio	98.0 (95.2- 100.8)	95.1 (92.3- 98.0)	120.9 (110.3- 132.5)	62.6 (40.8- 96.5)
Wisconsin	80.7 (77.2- 84.4)	78.8 (75.2- 82.5)	149.3 (118.6- 188.5)	~
West North Central	84.7 (82.7- 86.7)	83.6 (81.6- 85.7)	121.3 (108.5- 135.5)	58.7 (42.8- 79.7)
Iowa	83.7 (79.0- 88.6)	83.0 (78.3- 87.9)	162.9 (103.0- 253.8)	~
Kansas	89.1 (83.8- 94.6)	87.8 (82.4- 93.5)	138.5 (104.9- 180.7)	62.5 (36.1- 106.7)
Minnesota	72.3 (68.7- 76.0)	71.6 (68.0- 75.4)	105.9 (68.5- 163.7)	~
Missouri	94.9 (91.1- 98.7)	93.9 (90.0- 97.9)	112.3 (97.1- 129.5)	73.3 (40.2- 132.0)
Nebraska	79.4 (73.3- 86.0)	78.5 (72.4- 85.2)	164.4 (102.4- 255.8)	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	104.0 (91.2- 118.4)	65.6 (48.4- 88.5)	122.6 (105.4- 142.3)	~
Florida	92.0 (90.1- 94.0)	92.0 (90.0- 94.1)	92.4 (84.9- 100.5)	-
Georgia	108.1 (104.2- 112.1)	105.7 (101.4- 110.2)	123.0 (113.5- 133.3)	55.0 (33.9- 88.1)
Atlanta	88.4 (81.7- 95.7)	85.8 (78.1- 94.2)	106.5 (90.8- 124.8)	64.6 (31.5- 124.5)
Maryland				
North Carolina	95.7 (92.4- 99.2)	94.3 (90.7- 98.1)	107.0 (98.1- 116.6)	56.5 (30.1- 99.2)
South Carolina	103.2 (98.4- 108.3)	102.4 (97.0- 108.2)	105.6 (95.1- 117.1)	-
Virginia				
West Virginia	115.9 (109.0- 123.2)	117.2 (110.2- 124.7)	89.0 (54.1- 140.1)	~
East South Central				
Alabama	114.1 (109.4- 119.0)	113.7 (108.4- 119.2)	115.5 (104.5- 127.4)	~
Kentucky	140.5 (134.9- 146.3)	141.7 (135.9- 147.6)	128.8 (105.6- 156.3)	-
Mississippi				
Tennessee				

continued

Table 2.9.1.1M: Cancer of the Lung and Bronchus. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	96.2 (94.4- 97.9)	94.2 (92.3- 96.1)	121.1 (115.0- 127.5)	53.3 (49.3- 57.4)
Arkansas	111.3 (105.6- 117.3)	111.2 (105.2- 117.6)	111.4 (93.5- 132.0)	~
Louisiana	111.1 (106.2- 116.2)	105.3 (99.8- 111.0)	132.0 (121.1- 143.8)	-
Oklahoma	111.3 (106.1- 116.8)	112.9 (107.3- 118.6)	129.3 (104.0- 159.7)	~
Texas	87.3 (85.2- 89.5)	85.5 (83.2- 87.8)	115.9 (107.5- 124.8)	52.4 (48.5- 56.7)
West	69.3 (68.3- 70.4)	69.6 (68.5- 70.7)	97.2 (90.8- 104.1)	43.5 (40.9- 46.3)
Mountain	65.9 (64.1- 67.8)	66.2 (64.3- 68.1)	90.3 (74.7- 109.2)	51.8 (46.3- 57.9)
Arizona	69.3 (66.0- 72.8)	71.0 (67.6- 74.6)	69.3 (45.7- 103.9)	58.1 (47.9- 70.4)
Colorado	66.7 (62.6- 71.0)	65.4 (61.3- 69.8)	102.1 (72.1- 145.0)	61.2 (48.2- 77.6)
Idaho	63.6 (57.0- 70.7)	64.1 (57.5- 71.4)	~	~
Montana	80.6 (72.4- 89.6)	79.1 (70.9- 88.2)	~	-
Nevada	82.6 (76.6- 89.1)	82.1 (75.9- 88.9)	106.1 (76.5- 150.9)	-
New Mexico	55.8 (50.7- 61.4)	57.7 (52.3- 63.6)	~	44.8 (36.4- 54.9)
Utah	40.0 (35.5- 45.0)	40.3 (35.7- 45.3)	~	~
Wyoming	58.2 (48.5- 69.6)	59.0 (49.0- 70.6)	~	~
Pacific	70.8 (69.6- 72.1)	71.3 (70.0- 72.7)	98.5 (91.5- 106.1)	40.5 (37.6- 43.7)
Alaska	82.5 (68.1- 100.0)	71.7 (56.8- 90.7)	~	-
California	67.9 (66.5- 69.4)	68.0 (66.4- 69.5)	97.1 (89.7- 104.9)	39.8 (36.8- 43.0)
San Francisco-Oakland	64.8 (61.1- 68.8)	63.7 (59.3- 68.4)	91.0 (76.2- 108.3)	51.7 (39.9- 66.4)
San Jose-Monterey	51.7 (46.9- 56.9)	52.2 (46.8- 58.0)	~	32.3 (22.1- 47.0)
Los Angeles	65.6 (62.9- 68.5)	62.1 (59.0- 65.3)	106.6 (95.3- 119.0)	35.9 (31.3- 41.1)
Hawaii	60.9 (54.7- 67.5)	69.1 (56.6- 84.0)	~	-
Oregon	79.7 (75.4- 84.3)	79.3 (74.9- 84.0)	129.9 (81.3- 208.4)	68.7 (39.2- 116.9)
Washington	82.5 (78.9- 86.2)	82.1 (78.4- 85.9)	121.4 (90.5- 163.1)	54.8 (34.0- 85.6)
Seattle-Puget Sound	82.8 (78.4- 87.4)	82.3 (77.8- 87.2)	133.3 (98.6- 180.8)	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.9.1.1F: Cancer of the Lung and Bronchus. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	53.2 (52.8- 53.5)	54.6 (54.2- 55.0)	47.7 (46.5- 48.9)	24.8 (23.7- 25.8)
Northeast	54.6 (53.8- 55.5)	56.0 (55.1- 56.9)	47.4 (45.0- 50.0)	26.8 (24.2- 29.6)
New England	57.3 (55.7- 59.0)	58.2 (56.5- 59.9)	42.5 (35.3- 50.7)	34.9 (26.4- 45.5)
Connecticut	53.4 (50.2- 56.7)	54.4 (51.1- 57.8)	47.8 (36.5- 61.9)	31.7 (19.3- 49.9)
Maine	64.2 (58.8- 70.1)	64.2 (58.7- 70.1)	~	~
Massachusetts	60.0 (57.6- 62.6)	61.2 (58.6- 63.8)	37.9 (28.6- 49.4)	-
New Hampshire	56.3 (50.8- 62.4)	56.6 (51.0- 62.7)	~	-
Rhode Island	50.6 (45.3- 56.5)	51.9 (46.3- 58.1)	~	~
Vermont	49.1 (42.1- 57.2)	48.8 (41.7- 56.9)	~	~
Middle Atlantic	53.7 (52.8- 54.7)	55.2 (54.2- 56.2)	48.0 (45.5- 50.7)	25.7 (23.1- 28.7)
New Jersey	55.0 (53.0- 57.1)	57.0 (54.7- 59.3)	51.2 (45.3- 57.7)	19.4 (14.7- 25.2)
New York	52.7 (51.4- 54.1)	56.2 (54.6- 57.8)	38.4 (35.4- 41.6)	26.3 (23.1- 29.8)
Pennsylvania	54.6 (53.0- 56.3)	53.1 (51.5- 54.9)	70.9 (64.4- 77.8)	-
Midwest	54.4 (53.6- 55.1)	54.3 (53.5- 55.1)	57.5 (54.7- 60.4)	32.7 (28.0- 38.1)
East North Central	56.1 (55.2- 57.0)	56.1 (55.1- 57.1)	58.3 (55.2- 61.4)	31.2 (26.1- 37.2)
Illinois	54.3 (52.5- 56.1)	55.0 (53.1- 56.9)	56.5 (51.5- 61.9)	-
Indiana	57.9 (55.4- 60.6)	57.8 (55.2- 60.6)	60.6 (50.6- 71.9)	~
Michigan	57.6 (55.6- 59.6)	57.5 (55.3- 59.7)	60.8 (54.8- 67.3)	47.5 (31.9- 69.0)
Detroit	64.3 (61.1- 67.8)	65.7 (61.9- 69.7)	63.1 (56.1- 70.7)	-
Ohio	57.0 (55.2- 58.8)	56.9 (55.0- 58.8)	53.3 (47.7- 59.5)	34.8 (20.3- 56.7)
Wisconsin	53.1 (50.6- 55.8)	52.1 (49.5- 54.8)	86.1 (67.8- 108.5)	~
West North Central	50.2 (48.8- 51.6)	50.2 (48.8- 51.6)	53.2 (46.4- 60.8)	40.0 (28.8- 54.6)
Iowa	47.7 (44.5- 51.0)	47.7 (44.5- 51.1)	~	~
Kansas	49.2 (45.7- 52.9)	50.1 (46.5- 54.0)	33.5 (20.7- 51.8)	~
Minnesota	48.0 (45.4- 50.8)	47.7 (45.0- 50.5)	54.8 (32.5- 89.4)	~
Missouri	55.0 (52.5- 57.6)	55.3 (52.6- 58.1)	57.1 (48.6- 66.8)	~
Nebraska	45.1 (40.9- 49.6)	44.9 (40.7- 49.5)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	52.5 (44.9- 61.2)	38.6 (26.8- 55.8)	58.0 (48.4- 69.3)	~
Florida	59.8 (58.4- 61.3)	61.7 (60.2- 63.3)	41.5 (37.5- 45.9)	-
Georgia	51.8 (49.5- 54.1)	56.2 (53.5- 59.0)	37.5 (33.5- 41.8)	37.8 (22.9- 60.4)
Atlanta	49.0 (45.0- 53.3)	51.1 (46.2- 56.4)	45.9 (38.5- 54.4)	~
Maryland				
North Carolina	48.1 (46.1- 50.1)	50.6 (48.3- 53.0)	37.3 (33.2- 41.7)	~
South Carolina	49.3 (46.4- 52.2)	54.4 (51.0- 58.1)	33.1 (28.4- 38.3)	-
Virginia				
West Virginia	70.8 (66.1- 75.8)	72.6 (67.8- 77.7)	~	~
East South Central				
Alabama	50.4 (47.7- 53.2)	53.6 (50.5- 56.9)	39.1 (34.1- 44.8)	~
Kentucky	73.3 (69.8- 76.9)	73.0 (69.4- 76.7)	77.3 (63.0- 94.0)	-
Mississippi				
Tennessee				

continued

Table 2.9.1.1F: Cancer of the Lung and Bronchus. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	52.1 (51.0- 53.3)	53.1 (51.9- 54.4)	47.7 (44.6- 51.0)	23.4 (21.2- 25.7)
Arkansas	55.0 (51.4- 58.8)	58.5 (54.6- 62.7)	30.6 (23.1- 39.9)	~
Louisiana	58.7 (55.6- 61.8)	61.9 (58.3- 65.7)	49.0 (43.6- 54.9)	-
Oklahoma	61.5 (58.1- 65.0)	63.5 (59.8- 67.4)	55.8 (42.3- 72.5)	~
Texas	48.4 (47.0- 49.8)	48.6 (47.1- 50.1)	49.5 (45.1- 54.2)	22.6 (20.4- 24.9)
West	48.0 (47.3- 48.8)	50.1 (49.3- 51.0)	50.8 (46.9- 54.9)	23.6 (22.0- 25.3)
Mountain	46.2 (44.8- 47.6)	46.7 (45.3- 48.2)	51.5 (41.3- 63.5)	25.0 (21.8- 28.6)
Arizona	49.1 (46.6- 51.7)	50.1 (47.5- 52.9)	50.9 (33.8- 74.5)	23.0 (17.8- 29.4)
Colorado	46.1 (43.2- 49.2)	46.4 (43.3- 49.6)	45.3 (28.7- 68.8)	41.2 (32.2- 52.2)
Idaho	41.7 (36.8- 47.0)	41.8 (36.9- 47.2)	~	~
Montana	61.5 (55.0- 68.7)	59.5 (52.9- 66.8)	~	-
Nevada	71.2 (66.1- 76.7)	73.3 (67.8- 79.1)	68.1 (46.1- 98.0)	-
New Mexico	30.6 (27.1- 34.3)	32.0 (28.4- 36.0)	~	17.1 (12.7- 22.7)
Utah	22.1 (19.1- 25.4)	22.1 (19.1- 25.6)	~	~
Wyoming	39.0 (31.8- 47.6)	39.6 (32.2- 48.3)	~	~
Pacific	48.8 (47.9- 49.7)	51.7 (50.7- 52.8)	50.7 (46.5- 55.2)	23.1 (21.3- 25.1)
Alaska	58.7 (48.0- 71.5)	57.3 (45.4- 71.8)	~	-
California	45.5 (44.5- 46.5)	47.9 (46.8- 49.1)	50.3 (45.9- 54.9)	22.2 (20.4- 24.1)
San Francisco-Oakland	44.3 (41.6- 47.2)	47.4 (44.0- 51.0)	55.7 (46.0- 67.0)	32.5 (25.2- 41.3)
San Jose-Monterey	36.8 (33.3- 40.6)	40.6 (36.4- 45.1)	~	22.9 (15.8- 32.4)
Los Angeles	40.1 (38.3- 42.0)	41.3 (39.1- 43.6)	48.9 (42.7- 55.8)	18.5 (15.9- 21.3)
Hawaii	34.1 (29.9- 38.7)	47.7 (37.6- 60.4)	~	-
Oregon	63.1 (59.6- 66.8)	63.5 (59.9- 67.3)	~	~
Washington	60.7 (57.9- 63.6)	62.3 (59.4- 65.3)	57.0 (38.7- 81.6)	63.7 (44.5- 89.4)
Seattle-Puget Sound	61.0 (57.6- 64.5)	63.4 (59.8- 67.2)	56.6 (37.5- 82.8)	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.9.1.2M: Cancer of the Lung and Bronchus. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	75.1 (74.6- 75.6)	74.1 (73.6- 74.6)	99.2 (97.2- 101.3)	36.7 (35.2- 38.3)
Northeast	69.5 (68.5- 70.6)	69.6 (68.4- 70.7)	81.3 (77.2- 85.7)	37.5 (33.5- 41.9)
New England	68.6 (66.6- 70.7)	69.0 (66.9- 71.2)	72.1 (60.1- 86.5)	39.7 (27.9- 55.3)
Connecticut	62.1 (58.2- 66.2)	62.2 (58.2- 66.4)	70.0 (51.5- 95.0)	48.9 (28.2- 80.6)
Maine	79.2 (72.3- 86.7)	79.7 (72.7- 87.2)	~	~
Massachusetts	68.4 (65.4- 71.6)	69.0 (65.9- 72.3)	70.7 (54.5- 91.5)	33.5 (19.5- 55.9)
New Hampshire	64.6 (57.8- 72.0)	64.8 (57.9- 72.3)	~	~
Rhode Island	76.5 (68.9- 84.8)	75.9 (68.2- 84.4)	~	~
Vermont	77.5 (67.3- 89.1)	78.2 (67.9- 89.9)	~	~
Middle Atlantic	69.9 (68.6- 71.1)	69.8 (68.5- 71.1)	82.5 (78.0- 87.1)	37.1 (33.0- 41.8)
New Jersey	70.5 (67.8- 73.3)	69.4 (66.5- 72.4)	95.2 (84.8- 106.8)	31.8 (24.4- 41.3)
New York	64.5 (62.8- 66.3)	65.8 (63.9- 67.8)	65.8 (60.5- 71.5)	37.7 (32.7- 43.5)
Pennsylvania	76.6 (74.5- 78.9)	74.8 (72.5- 77.1)	110.6 (100.3- 122.0)	50.5 (34.1- 74.1)
Midwest	78.2 (77.1- 79.2)	76.4 (75.3- 77.5)	109.8 (105.0- 114.9)	34.1 (28.4- 40.8)
East North Central	80.0 (78.7- 81.2)	78.1 (76.7- 79.4)	108.0 (102.8- 113.5)	32.7 (26.4- 40.5)
Illinois	79.0 (76.5- 81.5)	76.4 (73.8- 79.1)	110.9 (101.9- 120.7)	28.4 (20.8- 38.7)
Indiana	93.6 (89.8- 97.5)	93.1 (89.3- 97.2)	107.3 (90.9- 126.4)	~
Michigan	75.5 (72.8- 78.2)	73.0 (70.3- 75.9)	98.1 (88.8- 108.3)	56.0 (34.9- 87.4)
Ohio	84.9 (82.4- 87.5)	83.0 (80.4- 85.7)	113.7 (103.3- 125.2)	~
Wisconsin	65.0 (61.8- 68.4)	63.9 (60.6- 67.3)	114.7 (87.6- 150.6)	~
West North Central	74.3 (72.5- 76.2)	73.0 (71.2- 74.9)	120.3 (107.3- 134.6)	41.1 (28.6- 58.6)
Iowa	70.2 (65.9- 74.7)	69.9 (65.6- 74.4)	117.5 (68.8- 197.6)	~
Kansas	77.2 (72.3- 82.4)	75.1 (70.1- 80.4)	144.4 (109.7- 187.7)	~
Minnesota	61.0 (57.7- 64.5)	60.6 (57.3- 64.2)	74.4 (45.6- 123.4)	~
Missouri	88.3 (84.7- 92.1)	86.5 (82.8- 90.4)	119.4 (103.4- 137.5)	~
Nebraska	72.2 (66.3- 78.4)	71.1 (65.2- 77.5)	153.8 (92.7- 245.1)	~
North Dakota	65.3 (56.7- 75.0)	64.5 (55.9- 74.2)	~	~
South Dakota	71.9 (63.5- 81.2)	71.7 (63.2- 81.2)	~	~
South	85.5 (84.6- 86.4)	83.8 (82.9- 84.8)	103.7 (100.9- 106.6)	39.6 (37.1- 42.3)
South Atlantic	80.2 (79.1- 81.4)	78.5 (77.3- 79.7)	96.6 (93.1- 100.3)	40.4 (36.7- 44.4)
Delaware	78.5 (69.3- 88.8)	77.5 (67.7- 88.5)	97.7 (68.3- 138.4)	~
District of Columbia	83.4 (71.7- 96.6)	60.3 (43.3- 83.2)	98.4 (82.8- 116.5)	~
Florida	72.6 (70.8- 74.3)	72.8 (71.0- 74.6)	80.1 (73.1- 87.7)	44.2 (40.0- 48.7)
Georgia	91.7 (88.1- 95.5)	90.6 (86.5- 94.8)	101.2 (92.5- 110.6)	~
Maryland	76.2 (72.5- 80.2)	73.0 (68.8- 77.3)	97.7 (87.8- 108.8)	~
North Carolina	90.7 (87.4- 94.1)	87.3 (83.8- 91.0)	111.7 (102.5- 121.7)	~
South Carolina	94.6 (90.0- 99.5)	92.4 (87.2- 97.9)	103.0 (92.7- 114.3)	~
Virginia	75.4 (72.2- 78.8)	73.1 (69.5- 76.8)	95.8 (86.4- 106.1)	40.9 (22.0- 73.4)
West Virginia	94.0 (87.8- 100.7)	95.6 (89.2- 102.4)	~	~
East South Central	106.5 (104.1- 108.9)	105.9 (103.3- 108.6)	113.9 (107.2- 121.0)	~
Alabama	96.0 (91.6- 100.6)	93.8 (89.0- 98.9)	105.7 (95.1- 117.2)	~
Kentucky	120.2 (115.0- 125.6)	120.2 (114.8- 125.8)	132.3 (108.4- 160.5)	~
Mississippi	107.5 (101.5- 113.8)	106.1 (99.1- 113.5)	114.5 (102.3- 127.9)	~
Tennessee	104.6 (100.5- 108.8)	103.8 (99.4- 108.3)	119.4 (106.0- 134.3)	~
West South Central	83.7 (82.1- 85.4)	81.4 (79.7- 83.2)	113.9 (107.8- 120.2)	39.9 (36.4- 43.6)
Arkansas	102.6 (97.0- 108.4)	102.7 (96.9- 108.9)	104.2 (86.6- 124.6)	~

continued

Table 2.9.1.2M: Cancer of the Lung and Bronchus. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	100.6 (95.9- 105.6)	93.7 (88.4- 99.1)	125.8 (115.0- 137.5)	~
Oklahoma	90.6 (85.9- 95.6)	93.0 (88.0- 98.3)	91.5 (69.6- 118.8)	~
Texas	75.3 (73.3- 77.3)	73.0 (70.9- 75.2)	111.1 (102.8- 120.1)	40.1 (36.6- 44.0)
West	59.2 (58.3- 60.2)	59.7 (58.7- 60.7)	88.8 (82.5- 95.6)	34.0 (31.6- 36.5)
Mountain	55.8 (54.1- 57.5)	56.0 (54.2- 57.8)	78.5 (63.7- 96.7)	38.3 (33.5- 43.8)
Arizona	55.6 (52.6- 58.7)	56.5 (53.4- 59.7)	75.5 (50.3- 111.9)	46.7 (37.3- 58.2)
Colorado	51.8 (48.2- 55.7)	50.9 (47.2- 54.9)	100.3 (68.8- 145.2)	37.3 (26.8- 51.4)
Idaho	57.1 (50.8- 63.9)	57.8 (51.5- 64.8)	~	~
Montana	73.5 (65.6- 82.2)	71.4 (63.5- 80.0)	~	~
Nevada	76.2 (70.2- 82.6)	77.5 (71.2- 84.3)	74.1 (49.1- 115.1)	~
New Mexico	49.7 (44.8- 55.1)	51.2 (46.1- 56.9)	~	40.8 (32.7- 50.6)
Utah	34.1 (30.0- 38.8)	34.2 (29.9- 38.9)	~	~
Wyoming	63.0 (52.5- 75.1)	64.2 (53.6- 76.6)	~	~
Pacific	60.7 (59.6- 61.9)	61.5 (60.2- 62.8)	90.7 (83.7- 98.2)	32.4 (29.7- 35.3)
Alaska	65.3 (52.2- 81.7)	57.6 (44.2- 75.3)	~	~
California	59.1 (57.8- 60.5)	59.3 (57.8- 60.8)	90.9 (83.6- 98.7)	32.0 (29.3- 35.0)
Hawaii	48.5 (43.0- 54.5)	53.6 (42.5- 67.2)	~	~
Oregon	66.7 (62.7- 70.9)	67.0 (62.9- 71.3)	107.1 (59.3- 187.5)	~
Washington	68.4 (65.1- 71.8)	69.0 (65.6- 72.6)	91.5 (65.0- 128.9)	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.9.1.2F: Cancer of the Lung and Bronchus. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	40.9 (40.6- 41.3)	42.0 (41.6- 42.3)	38.8 (37.8- 39.8)	14.5 (13.7- 15.3)
Northeast	40.0 (39.3- 40.7)	41.2 (40.5- 42.0)	36.0 (33.9- 38.2)	14.2 (12.4- 16.3)
New England	43.2 (41.8- 44.6)	44.0 (42.5- 45.5)	34.0 (27.6- 41.5)	17.5 (11.4- 25.9)
Connecticut	41.1 (38.4- 44.0)	41.6 (38.8- 44.6)	42.3 (31.6- 55.8)	~
Maine	44.6 (40.2- 49.6)	44.5 (40.1- 49.5)	~	~
Massachusetts	44.9 (42.8- 47.1)	46.0 (43.8- 48.3)	29.4 (21.1- 39.9)	~
New Hampshire	44.6 (39.7- 50.0)	45.1 (40.2- 50.5)	~	~
Rhode Island	40.7 (36.0- 46.1)	41.6 (36.6- 47.1)	~	~
Vermont	37.2 (31.1- 44.4)	37.5 (31.4- 44.8)	~	~
Middle Atlantic	38.9 (38.1- 39.7)	40.2 (39.3- 41.1)	36.2 (34.0- 38.6)	13.9 (11.9- 16.1)
New Jersey	40.6 (38.9- 42.4)	41.9 (40.0- 43.9)	39.6 (34.4- 45.4)	12.9 (9.1- 17.8)
New York	37.8 (36.7- 39.0)	40.4 (39.1- 41.7)	30.0 (27.3- 32.8)	14.0 (11.7- 16.6)
Pennsylvania	39.6 (38.2- 40.9)	39.1 (37.7- 40.5)	49.2 (43.9- 55.1)	~
Midwest	41.7 (41.0- 42.3)	41.5 (40.8- 42.2)	47.5 (45.0- 50.2)	14.7 (11.4- 18.6)
East North Central	42.4 (41.6- 43.2)	42.3 (41.4- 43.1)	47.3 (44.6- 50.2)	12.3 (9.0- 16.5)
Illinois	41.0 (39.5- 42.5)	41.4 (39.8- 43.1)	45.0 (40.5- 49.9)	13.2 (8.8- 19.3)
Indiana	45.2 (43.0- 47.5)	44.8 (42.5- 47.2)	56.4 (46.8- 67.5)	~
Michigan	44.3 (42.6- 46.1)	43.7 (41.9- 45.6)	50.1 (44.7- 56.1)	~
Ohio	42.8 (41.2- 44.4)	42.9 (41.2- 44.5)	43.8 (38.7- 49.4)	~
Wisconsin	37.8 (35.7- 40.0)	37.4 (35.2- 39.7)	53.7 (39.0- 72.8)	~
West North Central	40.1 (38.9- 41.3)	39.7 (38.5- 40.9)	48.5 (42.0- 55.8)	24.3 (15.4- 36.7)
Iowa	38.0 (35.2- 41.0)	38.0 (35.2- 41.0)	~	~
Kansas	41.2 (38.0- 44.6)	41.1 (37.8- 44.6)	48.4 (32.3- 70.0)	~
Minnesota	37.2 (34.9- 39.6)	36.7 (34.4- 39.1)	57.2 (33.0- 94.4)	~
Missouri	45.0 (42.8- 47.4)	45.0 (42.6- 47.5)	48.2 (40.4- 57.1)	~
Nebraska	38.1 (34.3- 42.2)	38.0 (34.1- 42.2)	~	~
North Dakota	35.9 (30.1- 42.6)	34.0 (28.3- 40.7)	~	~
South Dakota	32.7 (27.5- 38.6)	31.7 (26.5- 37.7)	~	~
South	42.5 (42.0- 43.0)	44.0 (43.4- 44.6)	36.0 (34.7- 37.3)	14.0 (12.8- 15.3)
South Atlantic	42.7 (42.0- 43.5)	44.8 (43.9- 45.6)	33.6 (32.0- 35.3)	13.4 (11.6- 15.3)
Delaware	53.1 (46.7- 60.3)	52.4 (45.5- 60.2)	57.4 (39.8- 80.6)	~
District of Columbia	37.8 (31.5- 45.2)	30.7 (20.5- 46.5)	41.3 (33.4- 51.0)	~
Florida	42.7 (41.5- 43.9)	44.1 (42.8- 45.4)	30.9 (27.4- 34.7)	14.5 (12.5- 16.7)
Georgia	40.8 (38.8- 42.8)	44.3 (41.9- 46.7)	29.7 (26.2- 33.6)	~
Maryland	44.1 (41.7- 46.6)	46.0 (43.2- 49.0)	41.0 (36.0- 46.5)	~
North Carolina	41.1 (39.2- 43.0)	43.1 (41.0- 45.3)	31.8 (28.0- 35.9)	~
South Carolina	39.6 (37.1- 42.3)	43.6 (40.5- 46.8)	26.7 (22.6- 31.4)	~
Virginia	43.2 (41.1- 45.3)	45.3 (42.9- 47.7)	37.6 (32.9- 42.7)	~
West Virginia	55.7 (51.6- 60.1)	55.4 (51.3- 59.9)	71.7 (45.4- 109.3)	~
East South Central	44.6 (43.2- 45.9)	45.8 (44.3- 47.3)	38.4 (35.3- 41.7)	~
Alabama	39.7 (37.3- 42.1)	42.1 (39.3- 45.0)	30.6 (26.1- 35.6)	~
Kentucky	53.4 (50.5- 56.5)	53.5 (50.4- 56.6)	58.1 (45.7- 72.8)	~
Mississippi	41.9 (38.8- 45.3)	44.7 (40.8- 48.8)	34.6 (29.3- 40.7)	~
Tennessee	43.5 (41.2- 45.8)	43.0 (40.7- 45.5)	47.4 (40.8- 54.8)	~
West South Central	40.7 (39.8- 41.7)	41.4 (40.3- 42.4)	40.1 (37.2- 43.1)	14.5 (12.8- 16.4)
Arkansas	42.6 (39.5- 45.9)	44.0 (40.6- 47.6)	33.0 (25.1- 42.6)	~

continued

Table 2.9.1.2F: Cancer of the Lung and Bronchus. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	45.9 (43.3- 48.7)	48.2 (45.0- 51.6)	40.0 (35.1- 45.4)	~
Oklahoma	45.1 (42.2- 48.1)	46.5 (43.4- 49.8)	41.4 (29.9- 56.0)	~
Texas	38.4 (37.2- 39.7)	38.6 (37.3- 39.9)	41.8 (37.7- 46.2)	14.7 (13.0- 16.7)
West	38.5 (37.8- 39.2)	40.2 (39.4- 41.0)	44.8 (41.1- 48.7)	15.1 (13.8- 16.5)
Mountain	35.8 (34.6- 37.1)	36.3 (35.1- 37.6)	47.7 (37.9- 59.5)	16.3 (13.7- 19.3)
Arizona	37.6 (35.4- 39.9)	38.4 (36.1- 40.8)	41.4 (26.0- 63.3)	14.2 (10.1- 19.6)
Colorado	34.9 (32.4- 37.6)	35.2 (32.5- 38.0)	42.6 (27.0- 64.8)	20.3 (14.0- 28.5)
Idaho	34.2 (29.9- 39.0)	34.5 (30.1- 39.3)	~	~
Montana	48.3 (42.5- 54.7)	47.7 (41.8- 54.2)	~	~
Nevada	53.2 (48.8- 58.0)	54.9 (50.1- 60.0)	67.7 (45.5- 98.1)	~
New Mexico	28.4 (25.1- 32.0)	30.0 (26.5- 33.9)	~	16.4 (12.0- 21.8)
Utah	14.5 (12.1- 17.3)	14.7 (12.2- 17.5)	~	~
Wyoming	37.6 (30.5- 46.0)	37.2 (30.1- 45.7)	~	~
Pacific	39.6 (38.8- 40.5)	42.0 (41.1- 43.0)	44.3 (40.3- 48.5)	14.7 (13.3- 16.3)
Alaska	47.1 (37.3- 58.8)	50.2 (38.8- 64.3)	~	~
California	38.2 (37.3- 39.1)	40.2 (39.1- 41.3)	45.3 (41.1- 49.8)	14.7 (13.2- 16.3)
Hawaii	26.4 (22.8- 30.5)	32.4 (24.1- 43.2)	~	~
Oregon	46.5 (43.5- 49.7)	47.5 (44.4- 50.8)	~	~
Washington	46.1 (43.7- 48.6)	47.6 (45.1- 50.3)	38.2 (23.2- 59.6)	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.10.1.1M: Melanomas of the Skin. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	19.8 (19.5- 20.0)	21.5 (21.2- 21.8)	1.1 (0.9- 1.3)	4.1 (3.7- 4.7)
Northeast	19.8 (19.2- 20.3)	21.3 (20.7- 21.9)	~	4.5 (3.2- 6.2)
New England	26.2 (25.0- 27.5)	26.4 (25.1- 27.7)	~	~
Connecticut	26.1 (23.6- 28.7)	28.2 (25.5- 31.0)	~	~
Maine	22.8 (19.3- 26.8)	22.9 (19.4- 27.0)	~	~
Massachusetts	26.5 (24.7- 28.5)	26.6 (24.7- 28.6)	~	-
New Hampshire	25.8 (21.8- 30.4)	25.1 (21.1- 29.7)	~	-
Rhode Island	29.4 (24.8- 34.7)	26.4 (21.9- 31.6)	~	~
Vermont	25.3 (19.8- 32.0)	24.9 (19.5- 31.6)	~	~
Middle Atlantic	17.5 (16.9- 18.1)	19.3 (18.6- 20.0)	~	4.3 (3.0- 6.1)
New Jersey	22.3 (20.8- 23.9)	26.0 (24.2- 27.8)	~	~
New York	14.4 (13.6- 15.3)	16.1 (15.1- 17.0)	~	4.3 (2.7- 6.6)
Pennsylvania	18.9 (17.8- 20.0)	19.4 (18.3- 20.6)	~	-
Midwest	18.3 (17.8- 18.8)	18.9 (18.4- 19.4)	1.1 (0.7- 1.7)	4.1 (2.4- 7.0)
East North Central	18.5 (17.9- 19.1)	19.4 (18.8- 20.1)	1.1 (0.7- 1.9)	4.2 (2.2- 7.7)
Illinois	16.1 (15.0- 17.2)	17.4 (16.2- 18.6)	~	-
Indiana	17.4 (15.9- 19.1)	18.3 (16.6- 20.0)	~	~
Michigan	22.5 (21.1- 23.9)	24.5 (23.0- 26.1)	~	~
Detroit	23.2 (21.0- 25.6)	29.4 (26.6- 32.5)	~	-
Ohio	18.9 (17.7- 20.1)	18.7 (17.5- 20.0)	~	~
Wisconsin	17.2 (15.6- 18.9)	17.9 (16.3- 19.7)	~	~
West North Central	17.8 (16.9- 18.8)	17.7 (16.8- 18.7)	~	~
Iowa	20.0 (17.8- 22.5)	19.5 (17.2- 22.0)	~	~
Kansas	19.6 (17.2- 22.2)	18.6 (16.2- 21.3)	~	~
Minnesota	20.8 (18.9- 22.8)	20.6 (18.7- 22.6)	~	~
Missouri	13.7 (12.3- 15.2)	14.8 (13.3- 16.5)	~	~
Nebraska	16.5 (13.8- 19.6)	14.2 (11.7- 17.2)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	12.0 (8.0- 17.6)	29.7 (19.1- 46.2)	~	~
Florida	20.9 (20.0- 21.9)	22.9 (21.9- 24.0)	~	-
Georgia	23.3 (21.6- 25.1)	29.2 (27.0- 31.5)	~	~
Atlanta	31.1 (27.4- 35.3)	42.3 (37.3- 47.9)	~	~
Maryland				
North Carolina	20.7 (19.2- 22.3)	24.8 (23.0- 26.8)	~	~
South Carolina	18.0 (16.1- 20.1)	22.6 (20.1- 25.3)	~	-
Virginia				
West Virginia	19.8 (17.0- 23.0)	20.5 (17.6- 23.8)	~	~
East South Central				
Alabama	16.0 (14.3- 17.9)	18.9 (16.8- 21.2)	~	~
Kentucky	26.0 (23.7- 28.5)	26.5 (24.1- 29.2)	~	-
Mississippi				
Tennessee				

continued

Table 2.10.1.1M: Melanomas of the Skin. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	14.1 (13.5- 14.8)	15.9 (15.1- 16.6)	~	3.1 (2.2- 4.2)
Arkansas	15.4 (13.3- 17.7)	16.4 (14.1- 19.0)	~	~
Louisiana	14.1 (12.4- 16.0)	18.4 (16.2- 20.9)	~	-
Oklahoma	16.0 (14.1- 18.2)	17.7 (15.6- 20.1)	~	~
Texas	13.6 (12.8- 14.5)	15.0 (14.1- 15.9)	~	2.9 (2.0- 4.0)
West	23.0 (22.5- 23.6)	25.2 (24.6- 25.9)	1.4 (0.7- 2.5)	4.7 (3.9- 5.6)
Mountain	22.1 (21.1- 23.2)	22.6 (21.5- 23.7)	~	4.4 (3.0- 6.5)
Arizona	20.6 (18.8- 22.6)	22.1 (20.1- 24.1)	~	~
Colorado	23.8 (21.6- 26.3)	22.0 (19.7- 24.4)	~	~
Idaho	22.9 (19.1- 27.2)	23.4 (19.6- 27.8)	~	~
Montana	18.9 (15.1- 23.5)	17.8 (14.1- 22.4)	~	-
Nevada	19.6 (16.8- 22.9)	21.7 (18.6- 25.2)	~	-
New Mexico	20.4 (17.4- 23.8)	22.0 (18.8- 25.8)	~	~
Utah	25.9 (22.4- 29.9)	26.8 (23.2- 30.9)	~	~
Wyoming	30.4 (23.5- 39.0)	31.1 (24.1- 39.9)	~	~
Pacific	23.4 (22.8- 24.1)	26.5 (25.7- 27.3)	~	4.7 (3.9- 5.9)
Alaska	12.9 (8.5- 20.6)	16.1 (10.6- 25.8)	~	-
California	22.7 (21.9- 23.5)	25.6 (24.7- 26.6)	~	4.8 (3.8- 5.9)
San Francisco-Oakland	17.5 (15.6- 19.5)	22.8 (20.3- 25.6)	~	~
San Jose-Monterey	19.1 (16.4- 22.2)	23.4 (20.1- 27.2)	~	~
Los Angeles	18.3 (16.9- 19.8)	22.5 (20.7- 24.4)	~	3.8 (2.5- 5.7)
Hawaii	18.2 (15.0- 22.0)	55.0 (44.2- 68.2)	~	-
Oregon	28.1 (25.6- 30.8)	29.3 (26.7- 32.1)	~	~
Washington	26.7 (24.8- 28.8)	27.9 (25.8- 30.1)	~	~
Seattle-Puget Sound	26.8 (24.4- 29.4)	29.6 (27.0- 32.4)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.10.1.1F: Melanomas of the Skin. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	13.0 (12.8- 13.1)	14.4 (14.2- 14.6)	0.9 (0.7- 1.1)	3.5 (3.2- 3.9)
Northeast	13.2 (12.8- 13.6)	14.5 (14.1- 15.0)	0.8 (0.6- 1.2)	3.5 (2.6- 4.5)
New England	17.4 (16.5- 18.3)	17.8 (16.8- 18.8)	~	5.4 (3.0- 9.9)
Connecticut	17.3 (15.5- 19.3)	18.7 (16.7- 21.0)	~	~
Maine	16.9 (14.1- 20.3)	17.2 (14.3- 20.6)	~	~
Massachusetts	17.4 (16.0- 18.8)	17.5 (16.1- 19.0)	~	-
New Hampshire	19.8 (16.5- 23.5)	20.1 (16.8- 23.9)	~	-
Rhode Island	15.7 (12.6- 19.3)	14.1 (11.1- 17.7)	~	~
Vermont	18.1 (13.8- 23.6)	18.4 (14.0- 24.0)	~	~
Middle Atlantic	11.8 (11.3- 12.2)	13.3 (12.7- 13.8)	0.8 (0.5- 1.2)	3.1 (2.3- 4.2)
New Jersey	14.4 (13.3- 15.5)	17.5 (16.2- 18.9)	~	~
New York	9.4 (8.8- 10.0)	10.5 (9.8- 11.2)	~	3.3 (2.3- 4.7)
Pennsylvania	13.8 (12.9- 14.7)	14.4 (13.4- 15.4)	~	-
Midwest	13.3 (12.9- 13.7)	14.0 (13.6- 14.5)	0.8 (0.5- 1.3)	3.0 (2.1- 4.7)
East North Central	12.9 (12.4- 13.3)	13.8 (13.3- 14.3)	1.0 (0.6- 1.4)	3.0 (1.9- 4.9)
Illinois	10.4 (9.6- 11.2)	11.6 (10.7- 12.6)	~	-
Indiana	12.5 (11.3- 13.8)	13.2 (11.9- 14.6)	~	~
Michigan	14.7 (13.7- 15.8)	16.3 (15.1- 17.5)	~	~
Detroit	13.2 (11.7- 14.8)	18.0 (15.9- 20.3)	~	-
Ohio	14.2 (13.3- 15.2)	14.4 (13.4- 15.5)	~	~
Wisconsin	12.8 (11.5- 14.2)	13.6 (12.2- 15.1)	~	~
West North Central	14.3 (13.6- 15.1)	14.5 (13.7- 15.3)	~	~
Iowa	19.2 (17.1- 21.5)	18.7 (16.6- 21.1)	~	~
Kansas	14.7 (12.7- 16.8)	14.0 (12.0- 16.2)	~	~
Minnesota	17.2 (15.6- 18.9)	17.3 (15.7- 19.1)	~	~
Missouri	9.6 (8.6- 10.8)	10.8 (9.6- 12.2)	~	~
Nebraska	12.7 (10.4- 15.3)	11.0 (8.9- 13.5)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	5.2 (3.1- 8.6)	15.2 (8.6- 27.8)	~	~
Florida	12.6 (11.9- 13.3)	14.3 (13.5- 15.2)	~	-
Georgia	14.1 (13.0- 15.3)	19.2 (17.7- 20.9)	~	~
Atlanta	16.4 (14.3- 18.7)	25.2 (22.0- 28.8)	~	~
Maryland				
North Carolina	12.0 (11.0- 13.1)	15.1 (13.9- 16.5)	~	~
South Carolina	12.6 (11.2- 14.2)	16.3 (14.4- 18.5)	~	-
Virginia				
West Virginia	13.0 (10.8- 15.5)	13.5 (11.3- 16.1)	~	~
East South Central				
Alabama	10.4 (9.2- 11.8)	13.2 (11.6- 15.1)	~	~
Kentucky	18.6 (16.8- 20.5)	19.0 (17.2- 21.0)	~	-
Mississippi				
Tennessee				

continued

Table 2.10.1.1F: Melanomas of the Skin. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	8.1 (7.7- 8.6)	9.2 (8.7- 9.8)	1.2 (0.8- 1.8)	2.5 (1.9- 3.3)
Arkansas	8.4 (7.0- 10.1)	9.4 (7.8- 11.3)	~	~
Louisiana	8.1 (7.0- 9.4)	10.5 (9.0- 12.3)	~	-
Oklahoma	9.0 (7.7- 10.5)	10.1 (8.6- 11.8)	~	~
Texas	7.9 (7.4- 8.5)	8.8 (8.2- 9.4)	~	2.5 (1.9- 3.3)
West	14.7 (14.3- 15.1)	16.4 (15.9- 16.9)	~	4.2 (3.6- 4.8)
Mountain	15.2 (14.4- 16.0)	15.4 (14.6- 16.3)	~	3.9 (2.8- 5.3)
Arizona	12.8 (11.5- 14.2)	13.8 (12.3- 15.3)	~	~
Colorado	16.8 (15.1- 18.6)	14.5 (12.9- 16.2)	~	~
Idaho	16.9 (13.8- 20.4)	17.3 (14.2- 21.0)	~	~
Montana	14.6 (11.4- 18.5)	14.5 (11.2- 18.6)	~	-
Nevada	13.5 (11.3- 16.0)	15.0 (12.5- 17.8)	~	-
New Mexico	15.5 (13.0- 18.2)	17.6 (14.8- 20.8)	~	5.6 (3.4- 9.0)
Utah	18.2 (15.6- 21.2)	19.0 (16.3- 22.1)	~	~
Wyoming	16.7 (12.1- 22.6)	16.8 (12.1- 22.9)	~	~
Pacific	14.6 (14.1- 15.1)	16.9 (16.3- 17.5)	~	4.3 (3.6- 5.1)
Alaska	11.8 (7.4- 18.3)	14.1 (8.7- 22.3)	~	-
California	13.4 (12.8- 13.9)	15.4 (14.8- 16.1)	~	3.9 (3.3- 4.7)
San Francisco-Oakland	10.0 (8.7- 11.4)	13.3 (11.5- 15.3)	~	8.9 (5.5- 14.0)
San Jose-Monterey	13.7 (11.7- 16.0)	16.8 (14.2- 19.8)	~	~
Los Angeles	10.9 (9.9- 11.9)	13.7 (12.5- 15.1)	~	3.6 (2.6- 4.9)
Hawaii	12.7 (10.1- 15.8)	44.9 (35.1- 57.3)	~	-
Oregon	20.5 (18.5- 22.7)	21.8 (19.6- 24.1)	~	~
Washington	18.7 (17.2- 20.3)	19.9 (18.3- 21.7)	~	~
Seattle-Puget Sound	19.4 (17.6- 21.4)	22.2 (20.1- 24.5)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.10.1.2M: Melanomas of the Skin. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	3.9 (3.8- 4.0)	4.4 (4.2- 4.5)	0.3 (0.2- 0.5)	0.9 (0.7- 1.1)
Northeast	3.9 (3.6- 4.1)	4.3 (4.1- 4.6)	~	~
New England	4.4 (3.9- 5.0)	4.6 (4.1- 5.2)	~	~
Connecticut	4.3 (3.3- 5.5)	4.7 (3.6- 5.9)	~	~
Maine	4.8 (3.2- 6.9)	4.8 (3.2- 7.0)	~	~
Massachusetts	4.3 (3.6- 5.1)	4.5 (3.7- 5.4)	~	~
New Hampshire	3.0 (1.7- 5.0)	3.0 (1.8- 5.1)	~	~
Rhode Island	6.1 (4.1- 8.9)	6.4 (4.3- 9.3)	~	~
Vermont	5.5 (3.1- 9.2)	5.5 (3.1- 9.3)	~	~
Middle Atlantic	3.7 (3.4- 4.0)	4.2 (3.9- 4.6)	~	~
New Jersey	4.1 (3.5- 4.9)	4.8 (4.0- 5.6)	~	~
New York	3.6 (3.2- 4.0)	4.2 (3.7- 4.7)	~	~
Pennsylvania	3.7 (3.2- 4.2)	3.9 (3.4- 4.5)	~	~
Midwest	3.6 (3.4- 3.9)	3.9 (3.7- 4.2)	~	~
East North Central	3.4 (3.2- 3.7)	3.8 (3.5- 4.1)	~	~
Illinois	3.0 (2.6- 3.6)	3.4 (2.9- 4.0)	~	~
Indiana	3.7 (3.0- 4.5)	3.9 (3.2- 4.8)	~	~
Michigan	3.1 (2.6- 3.7)	3.5 (2.9- 4.1)	~	~
Ohio	3.8 (3.3- 4.4)	4.2 (3.6- 4.8)	~	~
Wisconsin	3.8 (3.1- 4.7)	4.0 (3.2- 4.9)	~	~
West North Central	4.1 (3.7- 4.5)	4.3 (3.8- 4.7)	~	~
Iowa	3.5 (2.6- 4.6)	3.5 (2.6- 4.6)	~	~
Kansas	4.3 (3.2- 5.7)	4.6 (3.4- 6.0)	~	~
Minnesota	3.6 (2.8- 4.5)	3.7 (2.9- 4.6)	~	~
Missouri	4.5 (3.7- 5.5)	4.9 (4.0- 5.9)	~	~
Nebraska	5.2 (3.8- 7.2)	5.4 (3.9- 7.4)	~	~
North Dakota	~	~	~	~
South Dakota	4.6 (2.7- 7.5)	4.8 (2.8- 7.8)	~	~
South	4.0 (3.8- 4.2)	4.6 (4.4- 4.8)	0.4 (0.3- 0.6)	1.0 (0.7- 1.5)
South Atlantic	4.0 (3.8- 4.3)	4.7 (4.4- 5.1)	~	~
Delaware	5.0 (2.9- 8.3)	5.8 (3.4- 9.6)	~	~
District of Columbia	~	~	~	~
Florida	4.0 (3.6- 4.5)	4.5 (4.0- 5.0)	~	~
Georgia	4.2 (3.5- 5.0)	5.4 (4.5- 6.4)	~	~
Maryland	3.9 (3.1- 4.9)	4.9 (3.9- 6.1)	~	~
North Carolina	4.4 (3.7- 5.2)	5.2 (4.3- 6.2)	~	~
South Carolina	3.6 (2.7- 4.7)	4.6 (3.5- 6.1)	~	~
Virginia	3.8 (3.1- 4.6)	4.6 (3.7- 5.6)	~	~
West Virginia	3.7 (2.6- 5.3)	3.8 (2.6- 5.4)	~	~
East South Central	4.0 (3.5- 4.5)	4.6 (4.1- 5.2)	~	~
Alabama	3.5 (2.7- 4.5)	4.4 (3.4- 5.6)	~	~
Kentucky	5.3 (4.2- 6.5)	5.6 (4.5- 6.9)	~	~
Mississippi	3.1 (2.1- 4.3)	4.0 (2.7- 5.8)	~	~
Tennessee	3.8 (3.1- 4.8)	4.3 (3.4- 5.3)	~	~
West South Central	3.8 (3.5- 4.2)	4.3 (4.0- 4.8)	~	1.2 (0.7- 1.9)
Arkansas	4.2 (3.1- 5.5)	4.6 (3.4- 6.1)	~	~

continued

Table 2.10.1.2M: Melanomas of the Skin. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	2.6 (1.9- 3.6)	3.2 (2.3- 4.4)	~	~
Oklahoma	4.7 (3.7- 5.9)	5.2 (4.1- 6.6)	~	~
Texas	3.9 (3.5- 4.4)	4.4 (3.9- 5.0)	~	1.2 (0.7- 2.0)
West	3.9 (3.7- 4.2)	4.5 (4.2- 4.8)	~	0.8 (0.5- 1.3)
Mountain	4.1 (3.6- 4.5)	4.2 (3.8- 4.8)	~	~
Arizona	3.9 (3.1- 4.8)	4.0 (3.2- 5.0)	~	~
Colorado	4.7 (3.6- 6.0)	4.9 (3.8- 6.3)	~	~
Idaho	5.1 (3.4- 7.4)	5.2 (3.5- 7.5)	~	~
Montana	4.2 (2.5- 6.7)	4.3 (2.6- 6.9)	~	~
Nevada	5.0 (3.5- 7.0)	5.4 (3.8- 7.6)	~	~
New Mexico	2.7 (1.7- 4.2)	2.8 (1.7- 4.4)	~	~
Utah	3.4 (2.2- 5.1)	3.5 (2.3- 5.3)	~	~
Wyoming	~	~	~	~
Pacific	3.9 (3.6- 4.2)	4.6 (4.3- 5.0)	~	0.8 (0.5- 1.3)
Alaska	~	~	~	~
California	3.8 (3.4- 4.1)	4.5 (4.1- 4.9)	~	0.8 (0.5- 1.4)
Hawaii	~	~	~	~
Oregon	5.0 (4.0- 6.2)	5.0 (4.0- 6.3)	~	~
Washington	4.7 (3.9- 5.6)	5.0 (4.1- 6.0)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.10.1.2F: Melanomas of the Skin. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	1.7 (1.7- 1.8)	2.0 (1.9- 2.1)	0.4 (0.3- 0.6)	0.7 (0.5- 0.9)
Northeast	1.8 (1.7- 2.0)	2.1 (1.9- 2.3)	~	~
New England	1.9 (1.6- 2.2)	2.0 (1.7- 2.4)	~	~
Connecticut	1.9 (1.3- 2.6)	2.1 (1.5- 2.9)	~	~
Maine	2.2 (1.3- 3.6)	2.2 (1.3- 3.7)	~	~
Massachusetts	1.9 (1.5- 2.4)	2.0 (1.6- 2.6)	~	~
New Hampshire	~	~	~	~
Rhode Island	2.6 (1.5- 4.3)	2.8 (1.6- 4.6)	~	~
Vermont	~	~	~	~
Middle Atlantic	1.8 (1.6- 2.0)	2.1 (1.9- 2.3)	~	~
New Jersey	1.8 (1.5- 2.2)	2.1 (1.6- 2.5)	~	~
New York	1.6 (1.4- 1.9)	2.0 (1.7- 2.3)	~	~
Pennsylvania	2.1 (1.8- 2.4)	2.3 (1.9- 2.7)	~	~
Midwest	1.6 (1.5- 1.7)	1.7 (1.6- 1.9)	~	~
East North Central	1.5 (1.4- 1.7)	1.7 (1.5- 1.9)	~	~
Illinois	1.5 (1.2- 1.8)	1.8 (1.4- 2.2)	~	~
Indiana	1.5 (1.1- 2.0)	1.5 (1.1- 2.0)	~	~
Michigan	1.4 (1.1- 1.7)	1.5 (1.2- 2.0)	~	~
Ohio	1.7 (1.4- 2.0)	1.9 (1.5- 2.3)	~	~
Wisconsin	1.7 (1.3- 2.2)	1.8 (1.3- 2.3)	~	~
West North Central	1.7 (1.4- 1.9)	1.8 (1.5- 2.1)	~	~
Iowa	1.2 (0.7- 1.9)	1.2 (0.8- 2.0)	~	~
Kansas	1.5 (1.0- 2.3)	1.6 (1.0- 2.4)	~	~
Minnesota	1.7 (1.2- 2.3)	1.8 (1.3- 2.4)	~	~
Missouri	2.1 (1.6- 2.7)	2.3 (1.8- 2.9)	~	~
Nebraska	~	~	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	1.9 (1.7- 2.0)	2.2 (2.0- 2.3)	0.6 (0.4- 0.8)	0.8 (0.5- 1.2)
South Atlantic	1.8 (1.7- 2.0)	2.2 (2.0- 2.4)	0.5 (0.4- 0.8)	~
Delaware	~	~	~	~
District of Columbia	~	~	~	~
Florida	1.7 (1.4- 1.9)	1.8 (1.6- 2.2)	~	~
Georgia	1.9 (1.5- 2.4)	2.5 (2.0- 3.1)	~	~
Maryland	1.8 (1.4- 2.4)	2.2 (1.7- 3.0)	~	~
North Carolina	2.2 (1.8- 2.6)	2.6 (2.1- 3.2)	~	~
South Carolina	1.6 (1.1- 2.2)	1.8 (1.2- 2.6)	~	~
Virginia	2.1 (1.6- 2.6)	2.5 (2.0- 3.2)	~	~
West Virginia	1.5 (0.9- 2.5)	1.6 (0.9- 2.6)	~	~
East South Central	2.0 (1.7- 2.3)	2.3 (2.0- 2.7)	~	~
Alabama	2.0 (1.5- 2.6)	2.4 (1.8- 3.3)	~	~
Kentucky	2.8 (2.2- 3.6)	2.9 (2.3- 3.8)	~	~
Mississippi	1.7 (1.1- 2.5)	2.3 (1.5- 3.5)	~	~
Tennessee	1.5 (1.1- 2.0)	1.7 (1.3- 2.3)	~	~
West South Central	1.8 (1.6- 2.0)	2.0 (1.8- 2.3)	~	0.9 (0.5- 1.5)
Arkansas	1.4 (0.9- 2.2)	1.4 (0.8- 2.2)	~	~

continued

Table 2.10.1.2F: Melanomas of the Skin. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	2.0 (1.5- 2.7)	2.6 (1.9- 3.5)	~	~
Oklahoma	2.1 (1.5- 2.9)	2.5 (1.8- 3.4)	~	~
Texas	1.8 (1.5- 2.0)	1.9 (1.7- 2.3)	~	1.0 (0.6- 1.6)
West	1.7 (1.5- 1.8)	1.9 (1.8- 2.1)	~	0.5 (0.3- 0.8)
Mountain	1.8 (1.5- 2.1)	1.9 (1.6- 2.2)	~	~
Arizona	1.2 (0.9- 1.7)	1.3 (0.9- 1.9)	~	~
Colorado	2.0 (1.5- 2.7)	2.1 (1.5- 2.9)	~	~
Idaho	~	~	~	~
Montana	3.0 (1.7- 5.0)	3.1 (1.8- 5.3)	~	~
Nevada	2.1 (1.3- 3.3)	2.4 (1.5- 3.7)	~	~
New Mexico	~	~	~	~
Utah	2.9 (1.9- 4.3)	3.0 (1.9- 4.4)	~	~
Wyoming	~	~	~	~
Pacific	1.6 (1.5- 1.8)	1.9 (1.8- 2.2)	~	0.6 (0.3- 1.0)
Alaska	~	~	~	~
California	1.6 (1.4- 1.8)	1.9 (1.7- 2.2)	~	0.6 (0.3- 1.0)
Hawaii	~	~	~	~
Oregon	1.6 (1.1- 2.3)	1.7 (1.2- 2.4)	~	~
Washington	1.9 (1.4- 2.4)	2.0 (1.5- 2.6)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.11.1.1: Cancer of the Breast. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	127.2 (126.6- 127.8)	129.9 (129.2- 130.5)	106.7 (104.9- 108.4)	86.6 (84.8- 88.4)
Northeast	131.2 (130.0- 132.5)	134.7 (133.3- 136.1)	96.6 (93.2- 100.1)	95.7 (91.2- 100.5)
New England	138.9 (136.3- 141.5)	140.8 (138.1- 143.5)	91.2 (81.2- 102.2)	121.4 (106.9- 137.7)
Connecticut	146.3 (141.0- 151.8)	149.8 (144.2- 155.7)	102.8 (86.7- 121.3)	117.1 (94.3- 144.8)
Maine	139.4 (131.2- 148.0)	140.0 (131.8- 148.7)	~	~
Massachusetts	136.9 (133.1- 140.8)	139.6 (135.6- 143.6)	76.2 (63.5- 91.1)	-
New Hampshire	136.4 (127.8- 145.5)	136.4 (127.7- 145.6)	~	-
Rhode Island	129.5 (120.6- 138.9)	128.2 (119.1- 137.9)	116.5 (75.2- 177.6)	115.8 (76.9- 174.1)
Vermont	137.9 (125.9- 151.0)	138.2 (126.1- 151.3)	~	~
Middle Atlantic	128.6 (127.1- 130.1)	132.3 (130.7- 133.9)	97.1 (93.6- 100.8)	92.1 (87.3- 97.0)
New Jersey	133.7 (130.5- 137.0)	138.1 (134.5- 141.8)	110.2 (101.7- 119.3)	93.5 (83.8- 104.2)
New York	124.2 (122.1- 126.4)	129.3 (126.9- 131.8)	87.8 (83.4- 92.5)	87.8 (82.3- 93.6)
Pennsylvania	131.4 (128.8- 134.0)	132.4 (129.7- 135.2)	110.7 (102.6- 119.2)	-
Midwest	130.0 (128.8- 131.2)	130.5 (129.2- 131.8)	115.7 (111.8- 119.7)	94.5 (87.2- 102.4)
East North Central	129.7 (128.3- 131.1)	130.0 (128.5- 131.6)	116.7 (112.5- 121.1)	94.3 (86.1- 103.2)
Illinois	131.8 (129.0- 134.6)	133.5 (130.5- 136.6)	124.3 (117.0- 132.0)	-
Indiana	127.3 (123.5- 131.3)	127.5 (123.5- 131.6)	116.9 (103.2- 131.9)	97.8 (71.5- 133.4)
Michigan	129.9 (126.9- 133.0)	131.5 (128.2- 134.8)	110.8 (102.8- 119.2)	116.3 (93.4- 144.5)
Detroit	133.9 (129.1- 138.8)	139.7 (134.0- 145.5)	117.9 (108.5- 128.0)	-
Ohio	125.7 (123.0- 128.5)	124.0 (121.1- 126.9)	110.2 (102.1- 118.7)	99.6 (76.0- 129.6)
Wisconsin	135.7 (131.5- 140.0)	135.8 (131.5- 140.2)	133.1 (110.8- 159.3)	125.0 (90.2- 171.9)
West North Central	130.9 (128.6- 133.2)	131.5 (129.2- 133.9)	110.2 (100.7- 120.5)	95.7 (79.6- 114.8)
Iowa	128.3 (123.0- 133.9)	128.4 (123.0- 134.1)	98.7 (59.7- 155.4)	83.5 (45.7- 149.8)
Kansas	134.8 (128.9- 141.0)	136.6 (130.4- 143.1)	93.3 (71.0- 120.9)	82.4 (58.0- 116.8)
Minnesota	139.2 (134.6- 143.8)	138.5 (133.9- 143.2)	116.6 (83.5- 161.3)	90.9 (56.6- 145.4)
Missouri	122.4 (118.6- 126.3)	124.0 (119.9- 128.2)	113.9 (101.9- 126.9)	112.8 (78.6- 159.4)
Nebraska	134.9 (127.5- 142.6)	133.7 (126.2- 141.5)	120.1 (81.6- 172.6)	115.6 (66.7- 194.5)
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	140.7 (128.0- 154.6)	150.8 (126.8- 179.7)	129.5 (114.6- 146.2)	~
Florida	123.9 (121.7- 126.1)	127.2 (124.9- 129.7)	93.8 (88.0- 100.0)	-
Georgia	124.6 (121.2- 128.1)	131.6 (127.5- 135.8)	105.4 (99.0- 112.1)	101.3 (77.9- 131.5)
Atlanta	134.1 (127.7- 140.7)	148.2 (140.0- 156.7)	110.8 (100.0- 122.7)	114.7 (79.9- 164.0)
Maryland				
North Carolina	127.2 (123.9- 130.6)	131.7 (127.9- 135.6)	112.3 (105.3- 119.7)	71.4 (49.1- 103.3)
South Carolina	120.3 (115.8- 124.9)	124.2 (118.9- 129.8)	106.6 (98.3- 115.4)	-
Virginia				
West Virginia	115.8 (109.6- 122.3)	116.4 (110.1- 123.1)	106.4 (72.8- 151.6)	~
East South Central				
Alabama	117.4 (113.2- 121.7)	120.8 (115.9- 125.8)	105.3 (97.0- 114.2)	~
Kentucky	124.4 (119.8- 129.0)	122.7 (118.0- 127.5)	135.5 (116.6- 156.7)	-
Mississippi				
Tennessee				

continued

Table 2.11.1.1: Cancer of the Breast. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	114.3 (112.7- 116.0)	115.9 (114.1- 117.7)	107.2 (102.7- 111.9)	78.8 (75.0- 82.6)
Arkansas	117.0 (111.6- 122.6)	118.1 (112.3- 124.2)	98.1 (84.4- 113.5)	~
Louisiana	121.0 (116.6- 125.5)	123.0 (117.7- 128.4)	116.5 (108.4- 125.2)	-
Oklahoma	128.0 (122.9- 133.1)	134.8 (129.3- 140.6)	103.4 (85.2- 124.6)	79.9 (52.3- 121.2)
Texas	109.7 (107.7- 111.8)	110.4 (108.2- 112.7)	103.8 (97.6- 110.2)	77.4 (73.6- 81.3)
West	130.0 (128.7- 131.2)	134.4 (133.0- 135.8)	111.2 (105.6- 117.0)	86.3 (83.5- 89.1)
Mountain	123.9 (121.6- 126.2)	125.6 (123.3- 128.0)	106.7 (92.4- 122.9)	87.5 (81.9- 93.4)
Arizona	117.9 (113.9- 122.1)	121.5 (117.3- 125.9)	99.8 (75.5- 130.3)	85.1 (75.8- 95.5)
Colorado	131.9 (127.0- 136.9)	130.8 (125.8- 135.9)	111.7 (86.1- 143.5)	89.5 (77.2- 103.5)
Idaho	126.0 (117.5- 135.0)	127.2 (118.6- 136.4)	~	68.9 (37.7- 130.6)
Montana	129.5 (119.8- 139.8)	129.1 (119.2- 139.7)	~	-
Nevada	134.2 (127.2- 141.5)	135.7 (128.2- 143.5)	128.5 (99.0- 165.4)	-
New Mexico	111.5 (104.9- 118.4)	117.1 (109.9- 124.5)	~	86.0 (76.0- 97.0)
Utah	122.5 (115.3- 130.1)	124.3 (116.9- 132.0)	~	130.3 (95.2- 177.3)
Wyoming	111.2 (98.8- 125.0)	112.6 (99.9- 126.6)	~	~
Pacific	132.5 (131.0- 134.0)	138.5 (136.8- 140.3)	112.2 (106.1- 118.5)	85.9 (82.7- 89.2)
Alaska	130.3 (115.7- 146.7)	135.9 (118.8- 155.4)	~	-
California	128.1 (126.4- 129.8)	135.8 (133.8- 137.8)	114.0 (107.6- 120.7)	85.5 (82.2- 88.9)
San Francisco-Oakland	129.9 (125.2- 134.7)	143.3 (137.4- 149.5)	109.9 (96.2- 125.0)	88.6 (76.8- 101.8)
San Jose-Monterey	135.2 (128.5- 142.2)	146.1 (138.1- 154.3)	90.4 (56.0- 142.6)	96.6 (82.7- 112.5)
Los Angeles	122.9 (119.6- 126.2)	131.3 (127.4- 135.3)	117.7 (108.2- 127.9)	79.4 (74.5- 84.6)
Hawaii	133.6 (125.0- 142.7)	136.2 (118.9- 155.9)	~	-
Oregon	145.0 (139.6- 150.5)	143.3 (137.8- 148.9)	100.5 (62.1- 156.2)	104.3 (75.7- 143.1)
Washington	148.0 (143.7- 152.4)	148.6 (144.1- 153.3)	87.7 (66.2- 114.7)	106.6 (84.2- 134.8)
Seattle-Puget Sound	151.8 (146.5- 157.2)	158.0 (152.3- 163.8)	93.0 (69.9- 122.5)	68.1 (43.3- 104.8)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.11.1.2: Cancer of the Breast. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	25.9 (25.7- 26.2)	25.4 (25.1- 25.6)	34.5 (33.5- 35.4)	16.3 (15.5- 17.1)
Northeast	27.5 (26.9- 28.0)	27.2 (26.6- 27.8)	32.9 (30.9- 34.9)	17.4 (15.5- 19.6)
New England	26.0 (24.9- 27.1)	26.2 (25.0- 27.3)	29.2 (23.4- 36.0)	10.5 (6.8- 16.0)
Connecticut	27.3 (25.1- 29.7)	27.2 (24.9- 29.7)	31.4 (22.5- 43.1)	~
Maine	21.9 (18.8- 25.4)	21.9 (18.8- 25.5)	~	~
Massachusetts	26.4 (24.8- 28.1)	26.8 (25.1- 28.6)	28.3 (20.4- 38.5)	~
New Hampshire	26.0 (22.4- 30.2)	26.2 (22.5- 30.4)	~	~
Rhode Island	23.2 (19.6- 27.3)	23.7 (20.0- 28.0)	~	~
Vermont	28.8 (23.5- 35.1)	29.1 (23.8- 35.5)	~	~
Middle Atlantic	28.0 (27.3- 28.6)	27.6 (26.9- 28.4)	33.3 (31.2- 35.6)	18.3 (16.2- 20.7)
New Jersey	28.7 (27.2- 30.2)	28.7 (27.1- 30.3)	31.5 (27.0- 36.6)	16.9 (12.9- 21.8)
New York	27.6 (26.6- 28.6)	27.6 (26.5- 28.7)	31.6 (28.9- 34.5)	18.4 (15.8- 21.3)
Pennsylvania	28.1 (26.9- 29.3)	27.2 (26.0- 28.4)	39.4 (34.6- 44.6)	21.1 (13.3- 33.1)
Midwest	26.3 (25.8- 26.8)	25.6 (25.0- 26.1)	36.5 (34.4- 38.8)	13.0 (10.3- 16.4)
East North Central	26.9 (26.3- 27.6)	26.0 (25.4- 26.7)	37.1 (34.7- 39.6)	12.2 (9.3- 15.9)
Illinois	26.5 (25.3- 27.8)	25.4 (24.1- 26.7)	37.2 (33.2- 41.6)	12.4 (8.8- 17.4)
Indiana	26.9 (25.2- 28.7)	26.2 (24.5- 28.1)	37.9 (30.2- 47.0)	~
Michigan	26.2 (24.9- 27.6)	25.0 (23.6- 26.4)	36.3 (31.7- 41.3)	~
Ohio	28.6 (27.3- 29.9)	27.7 (26.4- 29.1)	38.1 (33.4- 43.3)	~
Wisconsin	25.6 (23.9- 27.5)	25.2 (23.4- 27.0)	32.8 (22.5- 47.3)	~
West North Central	24.8 (23.9- 25.7)	24.6 (23.7- 25.6)	33.4 (28.2- 39.4)	16.0 (9.4- 26.2)
Iowa	23.9 (21.7- 26.3)	23.8 (21.6- 26.3)	~	~
Kansas	22.2 (19.9- 24.7)	22.0 (19.6- 24.5)	25.4 (14.5- 41.9)	~
Minnesota	24.9 (23.0- 26.8)	25.5 (23.5- 27.5)	~	~
Missouri	27.1 (25.4- 29.0)	26.6 (24.7- 28.5)	35.5 (28.9- 43.2)	~
Nebraska	25.0 (22.0- 28.4)	24.1 (21.1- 27.5)	~	~
North Dakota	25.4 (20.6- 31.2)	25.5 (20.6- 31.5)	~	~
South Dakota	18.7 (14.9- 23.4)	18.7 (14.7- 23.5)	~	~
South	25.8 (25.4- 26.2)	24.4 (23.9- 24.8)	34.5 (33.2- 35.7)	16.6 (15.3- 17.9)
South Atlantic	25.4 (24.8- 25.9)	24.0 (23.4- 24.6)	32.4 (30.9- 34.1)	15.7 (13.9- 17.7)
Delaware	26.6 (22.1- 31.9)	26.1 (21.3- 31.9)	28.5 (17.1- 45.4)	~
District of Columbia	38.8 (32.3- 46.4)	32.3 (21.7- 48.7)	43.7 (35.3- 54.0)	~
Florida	23.4 (22.4- 24.3)	23.1 (22.1- 24.1)	27.3 (24.1- 30.8)	16.9 (14.7- 19.2)
Georgia	24.9 (23.4- 26.5)	23.8 (22.1- 25.6)	29.1 (25.7- 32.8)	~
Maryland	27.9 (26.0- 29.8)	26.3 (24.2- 28.6)	33.3 (29.1- 38.1)	~
North Carolina	25.4 (24.0- 27.0)	23.3 (21.7- 24.9)	34.1 (30.2- 38.3)	~
South Carolina	25.8 (23.8- 28.0)	22.6 (20.4- 25.0)	34.1 (29.5- 39.3)	~
Virginia	27.9 (26.3- 29.6)	26.3 (24.5- 28.2)	38.2 (33.6- 43.3)	~
West Virginia	25.5 (22.7- 28.7)	25.6 (22.8- 28.8)	~	~
East South Central	27.2 (26.2- 28.3)	25.4 (24.3- 26.6)	36.6 (33.7- 39.7)	~
Alabama	28.5 (26.5- 30.6)	25.8 (23.6- 28.1)	38.4 (33.4- 43.8)	~
Kentucky	27.3 (25.2- 29.5)	26.7 (24.5- 29.0)	37.6 (28.0- 49.5)	~
Mississippi	28.1 (25.5- 30.9)	24.4 (21.5- 27.5)	36.4 (31.1- 42.5)	~
Tennessee	25.7 (24.0- 27.5)	24.6 (22.8- 26.5)	34.1 (28.7- 40.3)	~
West South Central	25.8 (25.0- 26.6)	24.6 (23.7- 25.4)	37.9 (35.2- 40.8)	17.1 (15.4- 19.0)
Arkansas	24.6 (22.2- 27.2)	23.9 (21.4- 26.7)	30.1 (22.8- 39.3)	~

continued

Table 2.11.1.2: Cancer of the Breast. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	30.5 (28.3- 32.8)	26.8 (24.4- 29.4)	40.6 (35.8- 45.9)	~
Oklahoma	26.7 (24.5- 29.1)	26.8 (24.4- 29.4)	44.1 (32.3- 59.0)	~
Texas	24.8 (23.8- 25.7)	23.8 (22.8- 24.9)	37.2 (33.4- 41.2)	17.4 (15.6- 19.3)
West	24.1 (23.6- 24.6)	24.7 (24.1- 25.3)	33.3 (30.3- 36.6)	16.1 (14.9- 17.5)
Mountain	22.7 (21.7- 23.7)	22.8 (21.8- 23.8)	35.4 (27.3- 45.3)	15.5 (13.1- 18.2)
Arizona	24.1 (22.4- 26.0)	24.1 (22.3- 26.1)	52.5 (34.8- 76.8)	17.4 (13.0- 23.0)
Colorado	22.3 (20.3- 24.4)	22.5 (20.5- 24.7)	24.3 (13.6- 41.6)	14.5 (9.7- 21.2)
Idaho	19.8 (16.5- 23.5)	19.3 (16.1- 23.1)	~	~
Montana	22.7 (18.9- 27.3)	23.3 (19.3- 28.0)	~	~
Nevada	25.5 (22.4- 28.9)	26.1 (22.9- 29.8)	31.6 (18.4- 52.7)	~
New Mexico	19.0 (16.4- 22.0)	19.0 (16.2- 22.2)	~	15.1 (11.1- 20.3)
Utah	22.0 (19.0- 25.3)	22.4 (19.3- 25.8)	~	~
Wyoming	22.8 (17.4- 29.6)	23.0 (17.5- 29.9)	~	~
Pacific	24.7 (24.0- 25.3)	25.5 (24.8- 26.3)	33.0 (29.8- 36.5)	16.4 (14.9- 17.9)
Alaska	22.1 (15.7- 30.6)	23.0 (15.6- 33.1)	~	~
California	24.8 (24.1- 25.6)	25.7 (24.8- 26.5)	33.6 (30.1- 37.3)	16.4 (15.0- 18.0)
Hawaii	20.3 (17.1- 24.1)	25.8 (18.7- 35.5)	~	~
Oregon	26.3 (24.1- 28.7)	26.6 (24.3- 29.1)	~	~
Washington	24.2 (22.5- 26.0)	24.7 (22.9- 26.6)	27.7 (16.3- 44.9)	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.12.1.1: Cancer of the Breast. Age-Adjusted *In Situ* Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	28.4 (28.1- 28.7)	28.9 (28.6- 29.2)	22.9 (22.1- 23.7)	17.9 (17.1- 18.8)
Northeast	34.0 (33.4- 34.7)	35.0 (34.2- 35.7)	23.3 (21.6- 25.0)	22.9 (20.7- 25.2)
New England	41.7 (40.3- 43.2)	41.8 (40.4- 43.4)	30.4 (24.7- 37.1)	36.0 (28.7- 45.0)
Connecticut	41.3 (38.5- 44.3)	42.1 (39.1- 45.3)	31.7 (23.2- 42.8)	26.2 (16.6- 41.0)
Maine	33.5 (29.5- 38.0)	33.8 (29.8- 38.3)	~	~
Massachusetts	46.2 (44.0- 48.5)	46.3 (44.0- 48.7)	30.9 (22.9- 41.0)	-
New Hampshire	42.2 (37.5- 47.4)	42.0 (37.3- 47.3)	~	-
Rhode Island	31.3 (26.9- 36.2)	30.9 (26.4- 36.0)	~	~
Vermont	32.7 (27.0- 39.5)	33.1 (27.3- 40.0)	~	~
Middle Atlantic	31.3 (30.6- 32.1)	32.2 (31.4- 33.0)	22.5 (20.8- 24.3)	20.9 (18.7- 23.3)
New Jersey	33.5 (31.8- 35.2)	35.3 (33.4- 37.2)	24.6 (20.7- 29.0)	22.5 (18.0- 28.0)
New York	31.7 (30.7- 32.8)	32.9 (31.7- 34.2)	20.9 (18.8- 23.3)	19.7 (17.2- 22.6)
Pennsylvania	29.2 (27.9- 30.5)	29.4 (28.1- 30.7)	24.6 (20.8- 28.8)	-
Midwest	28.7 (28.1- 29.3)	28.5 (27.9- 29.1)	27.5 (25.6- 29.4)	22.2 (18.8- 26.2)
East North Central	29.9 (29.3- 30.6)	29.8 (29.0- 30.5)	28.4 (26.3- 30.6)	22.0 (18.3- 26.5)
Illinois	30.7 (29.4- 32.1)	31.4 (29.9- 32.9)	24.6 (21.4- 28.2)	-
Indiana	27.7 (25.9- 29.6)	27.7 (25.8- 29.6)	25.0 (18.9- 32.5)	~
Michigan	34.8 (33.2- 36.4)	34.6 (32.9- 36.4)	34.9 (30.5- 39.8)	18.8 (10.6- 32.8)
Detroit	41.1 (38.5- 43.9)	42.7 (39.6- 46.0)	37.1 (31.9- 42.9)	-
Ohio	28.8 (27.5- 30.1)	28.2 (26.8- 29.6)	28.9 (24.8- 33.4)	~
Wisconsin	24.2 (22.4- 26.1)	24.0 (22.2- 25.9)	23.8 (15.3- 36.5)	~
West North Central	25.5 (24.5- 26.5)	25.4 (24.4- 26.5)	22.2 (18.0- 27.1)	23.7 (16.0- 34.6)
Iowa	23.5 (21.2- 26.0)	23.3 (21.0- 25.8)	~	~
Kansas	23.4 (20.9- 26.1)	24.0 (21.4- 26.8)	~	~
Minnesota	27.7 (25.7- 29.8)	27.0 (25.0- 29.2)	~	~
Missouri	24.3 (22.6- 26.1)	24.5 (22.7- 26.4)	23.9 (18.6- 30.3)	~
Nebraska	29.8 (26.4- 33.7)	29.9 (26.3- 33.8)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	38.4 (31.8- 46.1)	52.9 (38.7- 72.7)	30.7 (23.7- 39.6)	~
Florida	28.0 (27.0- 29.1)	28.9 (27.8- 30.1)	19.9 (17.2- 22.8)	-
Georgia	27.5 (25.9- 29.2)	28.9 (27.0- 30.9)	24.4 (21.4- 27.8)	~
Atlanta	32.9 (29.8- 36.3)	36.5 (32.5- 40.8)	27.1 (22.0- 33.3)	40.1 (22.4- 72.9)
Maryland				
North Carolina	26.2 (24.7- 27.8)	27.8 (26.1- 29.6)	20.7 (17.7- 24.0)	~
South Carolina	25.6 (23.6- 27.8)	26.6 (24.2- 29.3)	22.6 (18.8- 26.9)	-
Virginia				
West Virginia	22.5 (19.8- 25.6)	23.0 (20.2- 26.2)	~	~
East South Central				
Alabama	25.3 (23.3- 27.3)	26.5 (24.2- 29.0)	21.1 (17.5- 25.3)	~
Kentucky	24.2 (22.2- 26.3)	24.2 (22.1- 26.4)	19.9 (13.1- 29.2)	-
Mississippi				
Tennessee				

continued

Table 2.12.1.1: Cancer of the Breast. Age-Adjusted *In Situ* Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	21.9 (21.2- 22.7)	22.3 (21.5- 23.1)	19.2 (17.3- 21.2)	13.5 (12.0- 15.2)
Arkansas	23.2 (20.8- 25.8)	24.5 (21.9- 27.4)	14.6 (9.6- 21.3)	~
Louisiana	22.8 (20.9- 24.9)	23.0 (20.7- 25.5)	23.0 (19.5- 27.1)	-
Oklahoma	21.0 (19.0- 23.2)	22.4 (20.1- 24.8)	15.9 (9.4- 25.5)	~
Texas	21.7 (20.8- 22.6)	21.8 (20.8- 22.8)	18.0 (15.5- 20.8)	13.3 (11.8- 15.0)
West	27.5 (26.9- 28.1)	27.7 (27.1- 28.4)	20.6 (18.3- 23.2)	16.3 (15.1- 17.6)
Mountain	25.5 (24.5- 26.6)	25.7 (24.6- 26.8)	18.7 (13.2- 26.0)	15.2 (13.0- 17.8)
Arizona	25.8 (23.9- 27.7)	26.4 (24.5- 28.5)	~	17.9 (13.8- 23.2)
Colorado	29.2 (26.9- 31.6)	27.8 (25.5- 30.2)	28.7 (17.1- 46.6)	17.6 (12.5- 24.5)
Idaho	21.5 (18.1- 25.5)	21.5 (18.0- 25.5)	~	~
Montana	31.9 (27.2- 37.3)	33.0 (28.0- 38.7)	~	-
Nevada	27.6 (24.5- 31.0)	28.4 (25.1- 32.2)	~	-
New Mexico	17.0 (14.5- 19.8)	18.5 (15.7- 21.6)	~	9.3 (6.3- 13.5)
Utah	25.0 (21.8- 28.5)	25.1 (21.8- 28.7)	~	~
Wyoming	16.0 (11.5- 21.7)	15.2 (10.8- 20.9)	~	~
Pacific	28.3 (27.6- 29.0)	28.7 (27.9- 29.5)	20.9 (18.3- 23.8)	16.7 (15.3- 18.2)
Alaska	31.0 (24.0- 40.0)	33.6 (25.3- 44.5)	~	-
California	26.5 (25.8- 27.3)	27.4 (26.6- 28.4)	20.4 (17.8- 23.4)	16.5 (15.1- 18.1)
San Francisco-Oakland	30.4 (28.2- 32.8)	32.1 (29.3- 35.1)	19.5 (14.0- 26.5)	23.7 (17.9- 31.1)
San Jose-Monterey	26.5 (23.6- 29.7)	27.9 (24.5- 31.6)	~	19.9 (13.6- 28.6)
Los Angeles	25.9 (24.4- 27.4)	27.1 (25.3- 29.0)	21.9 (17.9- 26.6)	15.8 (13.6- 18.2)
Hawaii	38.5 (33.9- 43.5)	35.9 (27.4- 47.0)	~	-
Oregon	32.3 (29.8- 35.0)	31.4 (28.9- 34.2)	~	~
Washington	33.0 (31.0- 35.1)	32.1 (30.0- 34.2)	37.2 (23.1- 57.5)	27.1 (16.1- 44.5)
Seattle-Puget Sound	35.1 (32.6- 37.8)	35.0 (32.3- 37.8)	43.4 (27.2- 66.6)	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ *In situ* cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.13.1.1: Cancer of the Cervix Uteri. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	8.4 (8.3- 8.6)	8.0 (7.8- 8.1)	11.9 (11.3- 12.5)	11.8 (11.2- 12.5)
Northeast	8.3 (8.0- 8.7)	7.6 (7.2- 7.9)	13.1 (11.9- 14.4)	14.0 (12.4- 15.8)
New England	6.9 (6.3- 7.5)	6.6 (6.0- 7.2)	10.6 (7.4- 15.0)	19.2 (13.8- 26.5)
Connecticut	7.0 (5.9- 8.3)	6.8 (5.6- 8.3)	12.3 (7.0- 20.3)	13.1 (7.2- 24.2)
Maine	9.1 (7.0- 11.7)	9.0 (6.9- 11.6)	~	~
Massachusetts	6.3 (5.5- 7.2)	5.9 (5.1- 6.8)	9.8 (5.6- 16.2)	-
New Hampshire	6.7 (4.9- 9.0)	6.7 (4.8- 9.0)	~	-
Rhode Island	7.7 (5.6- 10.5)	7.4 (5.2- 10.2)	~	~
Vermont	6.3 (3.9- 9.9)	6.1 (3.7- 9.7)	~	~
Middle Atlantic	8.8 (8.5- 9.3)	8.0 (7.6- 8.4)	13.5 (12.2- 14.9)	13.4 (11.8- 15.2)
New Jersey	9.9 (9.0- 10.8)	9.5 (8.5- 10.5)	13.2 (10.4- 16.6)	14.8 (11.5- 19.1)
New York	8.8 (8.2- 9.4)	7.6 (7.0- 8.2)	13.8 (12.1- 15.7)	12.8 (10.9- 15.0)
Pennsylvania	8.3 (7.6- 9.1)	7.6 (6.9- 8.4)	13.2 (10.6- 16.4)	-
Midwest	8.4 (8.1- 8.7)	7.9 (7.6- 8.2)	11.6 (10.4- 12.8)	15.6 (13.0- 18.7)
East North Central	8.5 (8.1- 8.9)	8.0 (7.6- 8.4)	11.3 (10.1- 12.7)	15.9 (13.0- 19.5)
Illinois	9.7 (9.0- 10.5)	9.1 (8.3- 9.9)	14.0 (11.7- 16.7)	-
Indiana	9.1 (8.1- 10.2)	8.9 (7.8- 10.1)	9.4 (6.0- 14.3)	~
Michigan	8.1 (7.4- 8.9)	7.3 (6.6- 8.2)	12.1 (9.6- 15.0)	17.1 (9.1- 31.0)
Detroit	9.3 (8.1- 10.7)	8.1 (6.7- 9.7)	12.9 (10.0- 16.5)	-
Ohio	7.6 (6.9- 8.3)	7.4 (6.7- 8.2)	6.9 (5.0- 9.3)	~
Wisconsin	7.5 (6.5- 8.6)	7.2 (6.2- 8.4)	14.2 (8.2- 24.4)	~
West North Central	8.1 (7.6- 8.7)	7.7 (7.1- 8.3)	12.9 (9.9- 16.7)	14.4 (9.2- 22.8)
Iowa	7.8 (6.4- 9.3)	7.7 (6.3- 9.3)	~	~
Kansas	9.2 (7.7- 11.0)	8.6 (7.0- 10.4)	~	~
Minnesota	7.0 (6.0- 8.1)	6.5 (5.5- 7.6)	~	~
Missouri	8.9 (7.8- 10.0)	8.5 (7.4- 9.7)	12.8 (9.0- 17.6)	~
Nebraska	7.6 (5.8- 9.7)	7.1 (5.4- 9.3)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	10.9 (7.6- 15.5)	~	11.6 (7.4- 17.9)	~
Florida	10.5 (9.8- 11.2)	10.0 (9.3- 10.7)	14.5 (12.3- 17.0)	-
Georgia	9.0 (8.1- 9.9)	8.4 (7.4- 9.5)	11.3 (9.2- 13.7)	22.0 (11.7- 40.1)
Atlanta	8.0 (6.6- 9.7)	7.1 (5.5- 9.1)	10.1 (7.0- 14.5)	~
Maryland				
North Carolina	7.5 (6.7- 8.4)	6.7 (5.8- 7.6)	11.4 (9.3- 14.0)	~
South Carolina	9.5 (8.2- 10.9)	8.1 (6.7- 9.7)	13.5 (10.7- 16.9)	-
Virginia				
West Virginia	12.2 (10.1- 14.7)	12.2 (10.1- 14.7)	~	~
East South Central				
Alabama	9.5 (8.3- 10.9)	8.5 (7.2- 10.0)	14.3 (11.3- 17.8)	~
Kentucky	11.1 (9.8- 12.6)	10.5 (9.1- 12.0)	15.2 (9.5- 23.2)	-
Mississippi				
Tennessee				

continued

Table 2.13.1.1: Cancer of the Cervix Uteri. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	10.4 (9.9- 10.9)	10.0 (9.5- 10.6)	13.0 (11.5- 14.7)	15.5 (14.0- 17.2)
Arkansas	11.2 (9.5- 13.1)	10.6 (8.8- 12.7)	12.9 (8.3- 19.3)	~
Louisiana	10.0 (8.7- 11.4)	8.7 (7.3- 10.4)	13.6 (10.9- 16.8)	-
Oklahoma	12.1 (10.6- 13.9)	11.9 (10.2- 13.9)	14.0 (7.9- 23.2)	~
Texas	10.1 (9.5- 10.7)	9.9 (9.2- 10.6)	12.7 (10.6- 15.1)	15.4 (13.9- 17.1)
West	6.6 (6.3- 6.9)	6.5 (6.2- 6.8)	5.3 (4.1- 6.6)	8.4 (7.6- 9.3)
Mountain	7.7 (7.1- 8.3)	7.6 (7.0- 8.2)	7.5 (4.3- 12.5)	11.9 (10.0- 14.0)
Arizona	7.4 (6.4- 8.5)	7.6 (6.5- 8.8)	~	11.2 (8.3- 15.2)
Colorado	7.5 (6.4- 8.8)	7.3 (6.2- 8.6)	~	15.5 (10.9- 21.7)
Idaho	6.7 (4.9- 9.1)	6.7 (4.8- 9.1)	~	~
Montana	9.1 (6.6- 12.4)	8.5 (6.0- 11.8)	~	-
Nevada	8.6 (6.9- 10.6)	8.0 (6.2- 10.1)	~	-
New Mexico	10.1 (8.2- 12.4)	10.0 (7.9- 12.5)	~	10.4 (7.3- 14.6)
Utah	6.0 (4.5- 7.8)	6.2 (4.6- 8.0)	~	~
Wyoming	7.0 (4.0- 11.3)	6.8 (3.9- 11.2)	~	~
Pacific	6.1 (5.8- 6.5)	6.1 (5.7- 6.4)	4.8 (3.7- 6.3)	7.3 (6.5- 8.3)
Alaska	8.9 (5.6- 14.1)	8.7 (5.0- 15.0)	~	-
California	5.6 (5.2- 6.0)	5.7 (5.3- 6.1)	4.6 (3.4- 6.1)	7.0 (6.2- 8.0)
San Francisco-Oakland	7.3 (6.3- 8.6)	6.5 (5.3- 8.0)	11.1 (7.1- 16.7)	10.7 (7.1- 15.7)
San Jose-Monterey	7.4 (6.0- 9.2)	7.4 (5.7- 9.4)	~	10.1 (6.5- 15.8)
Los Angeles	11.2 (10.3- 12.3)	11.9 (10.7- 13.1)	9.1 (6.7- 12.2)	17.3 (15.2- 19.7)
Hawaii	10.3 (7.9- 13.1)	~	~	-
Oregon	8.0 (6.8- 9.5)	7.7 (6.4- 9.2)	~	~
Washington	7.1 (6.2- 8.1)	6.6 (5.7- 7.7)	~	14.5 (7.9- 27.3)
Seattle-Puget Sound	7.2 (6.1- 8.4)	6.6 (5.5- 7.9)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.13.1.2: Cancer of the Cervix Uteri. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	2.7 (2.6- 2.8)	2.4 (2.3- 2.5)	4.8 (4.5- 5.2)	3.4 (3.1- 3.8)
Northeast	2.4 (2.2- 2.6)	2.3 (2.1- 2.5)	3.8 (3.1- 4.5)	3.3 (2.5- 4.3)
New England	1.7 (1.4- 2.0)	1.7 (1.4- 2.0)	~	~
Connecticut	1.8 (1.2- 2.5)	1.8 (1.2- 2.6)	~	~
Maine	~	~	~	~
Massachusetts	1.6 (1.2- 2.1)	1.6 (1.2- 2.1)	~	~
New Hampshire	2.5 (1.4- 4.1)	2.4 (1.4- 4.0)	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	2.7 (2.5- 2.9)	2.5 (2.3- 2.8)	4.1 (3.4- 4.9)	3.5 (2.7- 4.6)
New Jersey	3.1 (2.6- 3.6)	3.1 (2.6- 3.7)	4.3 (2.8- 6.5)	~
New York	2.6 (2.3- 3.0)	2.3 (2.0- 2.7)	4.4 (3.4- 5.6)	3.6 (2.6- 5.0)
Pennsylvania	2.5 (2.2- 2.9)	2.4 (2.1- 2.9)	3.2 (2.0- 5.0)	~
Midwest	2.4 (2.2- 2.5)	2.1 (2.0- 2.3)	4.9 (4.1- 5.8)	1.7 (0.9- 3.2)
East North Central	2.5 (2.3- 2.7)	2.2 (2.0- 2.5)	4.9 (4.1- 5.9)	~
Illinois	2.8 (2.4- 3.2)	2.3 (1.9- 2.7)	6.5 (4.9- 8.5)	~
Indiana	2.4 (1.9- 3.0)	2.4 (1.9- 3.1)	~	~
Michigan	2.5 (2.1- 3.0)	2.3 (1.8- 2.7)	4.6 (3.1- 6.6)	~
Ohio	2.5 (2.1- 2.9)	2.3 (1.9- 2.8)	4.4 (2.9- 6.5)	~
Wisconsin	1.8 (1.4- 2.4)	1.8 (1.3- 2.4)	~	~
West North Central	2.1 (1.8- 2.4)	1.9 (1.6- 2.2)	4.9 (3.0- 7.5)	~
Iowa	2.0 (1.4- 2.9)	2.1 (1.4- 3.0)	~	~
Kansas	2.8 (2.0- 3.8)	2.6 (1.8- 3.7)	~	~
Minnesota	1.3 (0.9- 1.8)	1.1 (0.7- 1.6)	~	~
Missouri	2.4 (1.9- 3.0)	2.2 (1.6- 2.8)	~	~
Nebraska	2.2 (1.3- 3.4)	2.0 (1.2- 3.3)	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	3.1 (2.9- 3.2)	2.7 (2.5- 2.8)	5.2 (4.8- 5.7)	3.3 (2.8- 4.0)
South Atlantic	2.9 (2.7- 3.1)	2.6 (2.4- 2.8)	4.5 (4.0- 5.2)	2.1 (1.4- 2.9)
Delaware	5.2 (3.3- 7.9)	4.5 (2.5- 7.5)	~	~
District of Columbia	~	~	~	~
Florida	2.9 (2.6- 3.3)	2.7 (2.4- 3.1)	5.0 (3.8- 6.6)	2.2 (1.5- 3.1)
Georgia	2.8 (2.3- 3.4)	2.5 (2.0- 3.2)	4.2 (2.9- 5.7)	~
Maryland	2.9 (2.3- 3.6)	2.4 (1.8- 3.2)	4.6 (3.1- 6.6)	~
North Carolina	2.8 (2.3- 3.4)	2.5 (2.0- 3.1)	4.1 (2.8- 5.7)	~
South Carolina	3.1 (2.4- 3.9)	2.7 (2.0- 3.7)	4.0 (2.6- 6.0)	~
Virginia	2.5 (2.0- 3.1)	2.0 (1.5- 2.6)	4.7 (3.2- 6.7)	~
West Virginia	4.1 (3.0- 5.7)	4.2 (3.0- 5.8)	~	~
East South Central	3.2 (2.9- 3.6)	2.6 (2.3- 3.0)	6.0 (4.9- 7.4)	~
Alabama	3.3 (2.6- 4.1)	2.6 (1.9- 3.5)	5.5 (3.7- 7.8)	~
Kentucky	2.9 (2.3- 3.7)	2.7 (2.0- 3.5)	~	~
Mississippi	2.7 (1.9- 3.6)	1.9 (1.1- 3.0)	4.6 (2.9- 7.1)	~
Tennessee	3.6 (3.0- 4.3)	2.9 (2.3- 3.6)	7.9 (5.5- 11.1)	~
West South Central	3.3 (3.0- 3.6)	2.9 (2.6- 3.2)	6.5 (5.4- 7.7)	4.4 (3.6- 5.4)
Arkansas	3.5 (2.6- 4.6)	3.1 (2.2- 4.3)	~	~

continued

Table 2.13.1.2: Cancer of the Cervix Uteri. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	2.8 (2.1- 3.6)	1.8 (1.2- 2.6)	5.6 (3.9- 7.9)	~
Oklahoma	3.0 (2.3- 4.0)	2.9 (2.1- 3.9)	~	~
Texas	3.5 (3.1- 3.9)	3.1 (2.7- 3.5)	7.3 (5.7- 9.2)	4.6 (3.7- 5.6)
West	2.6 (2.4- 2.8)	2.5 (2.3- 2.7)	4.5 (3.5- 5.9)	3.9 (3.3- 4.5)
Mountain	2.5 (2.2- 2.9)	2.5 (2.2- 2.9)	~	3.5 (2.5- 4.9)
Arizona	2.9 (2.3- 3.7)	2.9 (2.3- 3.7)	~	3.8 (2.1- 6.6)
Colorado	2.3 (1.7- 3.1)	2.4 (1.8- 3.2)	~	~
Idaho	2.8 (1.7- 4.5)	2.8 (1.6- 4.5)	~	~
Montana	~	~	~	~
Nevada	3.0 (2.0- 4.2)	2.8 (1.8- 4.2)	~	~
New Mexico	3.1 (2.0- 4.4)	3.1 (2.0- 4.6)	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	2.6 (2.4- 2.8)	2.5 (2.3- 2.7)	4.7 (3.5- 6.2)	4.0 (3.4- 4.8)
Alaska	~	~	~	~
California	2.8 (2.5- 3.0)	2.7 (2.4- 3.0)	4.9 (3.6- 6.4)	4.1 (3.4- 4.9)
Hawaii	~	~	~	~
Oregon	2.7 (2.0- 3.6)	2.6 (1.9- 3.5)	~	~
Washington	1.8 (1.4- 2.4)	1.6 (1.2- 2.2)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.14.1.1: Cancer of the Corpus and Uterus, NOS. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	23.6 (23.4- 23.9)	24.2 (23.9- 24.5)	19.4 (18.7- 20.2)	17.1 (16.3- 17.9)
Northeast	28.8 (28.2- 29.4)	29.7 (29.0- 30.4)	22.1 (20.5- 23.9)	21.1 (19.0- 23.4)
New England	27.5 (26.3- 28.6)	27.8 (26.6- 29.0)	17.2 (12.9- 22.7)	27.7 (20.9- 36.5)
Connecticut	27.9 (25.6- 30.3)	29.0 (26.6- 31.7)	14.2 (8.6- 22.5)	20.1 (11.1- 34.7)
Maine	31.1 (27.3- 35.4)	31.4 (27.6- 35.8)	~	~
Massachusetts	26.2 (24.6- 28.0)	26.5 (24.8- 28.3)	19.4 (13.0- 28.1)	-
New Hampshire	28.2 (24.4- 32.6)	27.9 (24.1- 32.3)	~	-
Rhode Island	25.7 (21.8- 30.1)	24.3 (20.4- 28.8)	~	~
Vermont	31.0 (25.5- 37.7)	31.4 (25.7- 38.1)	~	~
Middle Atlantic	29.2 (28.6- 30.0)	30.4 (29.7- 31.2)	22.7 (21.0- 24.5)	20.3 (18.1- 22.7)
New Jersey	29.2 (27.7- 30.7)	30.8 (29.1- 32.6)	23.9 (20.0- 28.5)	18.5 (14.3- 23.8)
New York	27.7 (26.7- 28.7)	28.8 (27.7- 30.0)	21.8 (19.5- 24.2)	21.0 (18.4- 24.0)
Pennsylvania	31.6 (30.3- 32.9)	32.4 (31.0- 33.8)	24.0 (20.3- 28.2)	-
Midwest	25.9 (25.3- 26.4)	26.2 (25.7- 26.8)	19.5 (17.9- 21.2)	19.5 (16.2- 23.3)
East North Central	26.0 (25.4- 26.7)	26.5 (25.8- 27.2)	19.5 (17.8- 21.4)	19.1 (15.5- 23.5)
Illinois	25.7 (24.5- 27.0)	26.3 (25.0- 27.7)	20.6 (17.7- 24.0)	-
Indiana	25.4 (23.7- 27.2)	25.6 (23.8- 27.5)	21.1 (15.5- 28.1)	~
Michigan	25.4 (24.0- 26.7)	26.1 (24.6- 27.6)	17.8 (14.7- 21.5)	~
Detroit	25.7 (23.6- 27.9)	28.1 (25.6- 30.8)	18.5 (14.8- 22.8)	-
Ohio	26.7 (25.5- 28.0)	26.8 (25.5- 28.2)	19.7 (16.3- 23.6)	27.9 (16.1- 46.8)
Wisconsin	27.5 (25.6- 29.4)	27.8 (25.9- 29.9)	16.8 (9.6- 28.4)	~
West North Central	25.4 (24.4- 26.4)	25.6 (24.6- 26.6)	19.1 (15.2- 23.9)	21.8 (14.7- 32.2)
Iowa	27.7 (25.3- 30.4)	27.8 (25.3- 30.5)	~	~
Kansas	23.8 (21.4- 26.5)	23.7 (21.1- 26.4)	26.8 (15.3- 44.1)	~
Minnesota	27.0 (25.1- 29.1)	26.6 (24.6- 28.7)	~	~
Missouri	23.7 (22.0- 25.4)	24.4 (22.6- 26.3)	18.4 (13.8- 24.2)	~
Nebraska	24.6 (21.5- 28.0)	24.9 (21.7- 28.5)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	19.6 (15.1- 25.3)	26.2 (16.4- 42.0)	16.7 (11.9- 23.5)	~
Florida	21.1 (20.2- 22.0)	21.3 (20.3- 22.3)	19.7 (17.0- 22.7)	-
Georgia	18.7 (17.4- 20.1)	19.0 (17.4- 20.6)	18.7 (16.0- 21.8)	~
Atlanta	19.2 (16.8- 21.8)	19.2 (16.3- 22.4)	20.0 (15.4- 25.6)	~
Maryland				
North Carolina	20.5 (19.2- 21.9)	21.0 (19.5- 22.5)	19.9 (17.0- 23.3)	~
South Carolina	18.9 (17.2- 20.8)	18.3 (16.3- 20.5)	20.6 (17.0- 24.8)	-
Virginia				
West Virginia	26.1 (23.2- 29.3)	26.7 (23.7- 30.1)	~	~
East South Central				
Alabama	16.0 (14.5- 17.7)	16.2 (14.5- 18.1)	15.8 (12.7- 19.6)	~
Kentucky	21.5 (19.7- 23.5)	21.7 (19.7- 23.8)	14.8 (9.0- 23.0)	-
Mississippi				
Tennessee				

continued

Table 2.14.1.1: Cancer of the Corpus and Uterus, NOS. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	17.9 (17.3- 18.6)	18.1 (17.4- 18.9)	17.3 (15.4- 19.3)	15.2 (13.6- 17.0)
Arkansas	17.5 (15.5- 19.8)	17.8 (15.7- 20.3)	13.7 (8.8- 20.3)	~
Louisiana	18.0 (16.3- 19.8)	18.2 (16.2- 20.4)	18.6 (15.3- 22.3)	-
Oklahoma	19.7 (17.8- 21.8)	20.1 (18.1- 22.4)	16.6 (9.6- 26.8)	~
Texas	17.6 (16.8- 18.4)	17.7 (16.9- 18.7)	17.1 (14.6- 19.9)	14.7 (13.1- 16.5)
West	22.0 (21.5- 22.5)	22.6 (22.0- 23.2)	17.8 (15.6- 20.3)	15.8 (14.6- 17.0)
Mountain	19.9 (19.0- 20.8)	19.9 (19.0- 20.9)	11.5 (7.1- 18.0)	14.6 (12.3- 17.2)
Arizona	17.4 (15.9- 19.0)	17.5 (15.9- 19.2)	~	11.5 (8.3- 15.7)
Colorado	21.1 (19.2- 23.2)	20.6 (18.6- 22.7)	~	17.3 (12.0- 24.5)
Idaho	21.3 (17.9- 25.2)	21.1 (17.7- 25.0)	~	~
Montana	24.0 (20.0- 28.7)	23.1 (19.1- 27.8)	~	-
Nevada	18.0 (15.5- 20.8)	18.3 (15.7- 21.4)	~	-
New Mexico	19.7 (17.0- 22.8)	20.0 (17.1- 23.2)	~	14.9 (10.9- 20.0)
Utah	23.6 (20.5- 27.1)	23.8 (20.6- 27.4)	~	~
Wyoming	24.0 (18.4- 30.9)	23.4 (17.8- 30.3)	~	~
Pacific	22.9 (22.3- 23.5)	23.8 (23.1- 24.6)	18.9 (16.4- 21.7)	16.2 (14.8- 17.7)
Alaska	25.2 (18.9- 33.4)	25.0 (17.9- 34.5)	~	-
California	22.2 (21.5- 22.9)	23.2 (22.4- 24.1)	20.1 (17.4- 23.0)	15.7 (14.3- 17.2)
San Francisco-Oakland	23.3 (21.3- 25.4)	25.0 (22.5- 27.7)	22.9 (16.9- 30.5)	24.5 (18.4- 32.1)
San Jose-Monterey	20.3 (17.8- 23.2)	22.0 (19.0- 25.4)	~	12.5 (8.0- 19.3)
Los Angeles	23.5 (22.1- 25.0)	24.8 (23.1- 26.5)	23.1 (19.0- 27.9)	16.4 (14.2- 19.0)
Hawaii	23.4 (19.9- 27.4)	25.2 (18.1- 34.9)	~	-
Oregon	23.4 (21.3- 25.7)	23.3 (21.1- 25.6)	~	32.4 (17.8- 58.2)
Washington	26.2 (24.4- 28.1)	27.0 (25.1- 29.0)	~	23.0 (13.3- 39.0)
Seattle-Puget Sound	26.1 (23.9- 28.4)	27.8 (25.5- 30.4)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.14.1.2: Cancer of the Corpus and Uterus, NOS. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	4.2 (4.1- 4.3)	3.9 (3.8- 4.0)	7.0 (6.5- 7.4)	3.3 (3.0- 3.7)
Northeast	4.8 (4.5- 5.0)	4.5 (4.3- 4.8)	7.2 (6.2- 8.2)	3.5 (2.6- 4.6)
New England	4.3 (3.9- 4.7)	4.3 (3.8- 4.7)	6.0 (3.5- 9.7)	~
Connecticut	4.3 (3.5- 5.3)	4.4 (3.6- 5.5)	~	~
Maine	4.9 (3.5- 6.8)	4.9 (3.6- 6.8)	~	~
Massachusetts	4.2 (3.6- 4.9)	4.0 (3.4- 4.7)	~	~
New Hampshire	5.4 (3.8- 7.5)	5.5 (3.9- 7.6)	~	~
Rhode Island	2.5 (1.5- 4.2)	2.6 (1.5- 4.4)	~	~
Vermont	5.5 (3.4- 8.8)	5.6 (3.4- 8.9)	~	~
Middle Atlantic	4.9 (4.6- 5.2)	4.6 (4.4- 4.9)	7.3 (6.3- 8.4)	3.4 (2.5- 4.5)
New Jersey	5.5 (4.9- 6.2)	5.7 (5.0- 6.4)	6.0 (4.0- 8.5)	~
New York	4.7 (4.3- 5.1)	4.1 (3.7- 4.6)	7.9 (6.6- 9.5)	3.4 (2.3- 4.8)
Pennsylvania	4.8 (4.4- 5.3)	4.7 (4.2- 5.2)	6.7 (4.9- 9.1)	~
Midwest	4.4 (4.2- 4.7)	4.3 (4.1- 4.5)	6.5 (5.6- 7.5)	~
East North Central	4.4 (4.2- 4.7)	4.3 (4.0- 4.5)	6.1 (5.2- 7.2)	~
Illinois	4.6 (4.1- 5.1)	4.4 (3.8- 4.9)	6.6 (4.9- 8.6)	~
Indiana	4.3 (3.7- 5.1)	4.1 (3.4- 4.9)	8.1 (4.8- 12.9)	~
Michigan	4.1 (3.6- 4.7)	3.9 (3.4- 4.5)	6.1 (4.3- 8.4)	~
Ohio	4.4 (3.9- 4.9)	4.3 (3.8- 4.8)	5.9 (4.1- 8.2)	~
Wisconsin	4.6 (3.9- 5.4)	4.8 (4.0- 5.7)	~	~
West North Central	4.5 (4.1- 4.9)	4.4 (4.0- 4.8)	8.6 (5.9- 12.0)	~
Iowa	4.3 (3.4- 5.4)	4.3 (3.4- 5.5)	~	~
Kansas	4.6 (3.6- 5.9)	4.5 (3.5- 5.8)	~	~
Minnesota	4.0 (3.3- 4.8)	4.0 (3.3- 4.9)	~	~
Missouri	4.5 (3.8- 5.3)	4.2 (3.5- 5.0)	8.9 (5.7- 13.3)	~
Nebraska	5.5 (4.1- 7.2)	5.6 (4.2- 7.3)	~	~
North Dakota	4.2 (2.4- 7.0)	4.3 (2.4- 7.3)	~	~
South Dakota	6.4 (4.3- 9.2)	5.7 (3.7- 8.5)	~	~
South	3.8 (3.7- 4.0)	3.3 (3.1- 3.5)	7.2 (6.6- 7.8)	3.6 (3.0- 4.2)
South Atlantic	4.0 (3.8- 4.3)	3.5 (3.3- 3.7)	7.3 (6.5- 8.1)	3.6 (2.7- 4.6)
Delaware	4.8 (3.0- 7.3)	4.2 (2.5- 7.0)	~	~
District of Columbia	6.1 (3.8- 9.7)	~	7.5 (4.4- 12.5)	~
Florida	3.8 (3.4- 4.1)	3.4 (3.1- 3.8)	7.7 (6.0- 9.7)	3.6 (2.7- 4.8)
Georgia	3.7 (3.1- 4.4)	3.0 (2.4- 3.7)	6.4 (4.8- 8.4)	~
Maryland	4.5 (3.8- 5.4)	4.1 (3.3- 5.0)	6.3 (4.4- 8.7)	~
North Carolina	4.1 (3.6- 4.8)	3.5 (3.0- 4.2)	7.3 (5.5- 9.4)	~
South Carolina	4.0 (3.3- 5.0)	2.7 (2.0- 3.7)	8.3 (6.1- 11.2)	~
Virginia	4.5 (3.9- 5.3)	4.0 (3.3- 4.8)	7.4 (5.4- 9.8)	~
West Virginia	4.0 (2.9- 5.3)	3.8 (2.8- 5.2)	~	~
East South Central	3.5 (3.1- 3.9)	2.9 (2.5- 3.3)	6.9 (5.7- 8.4)	~
Alabama	3.6 (2.9- 4.4)	3.0 (2.3- 3.8)	6.2 (4.3- 8.7)	~
Kentucky	3.4 (2.7- 4.2)	3.3 (2.6- 4.2)	~	~
Mississippi	3.8 (2.9- 4.9)	2.1 (1.3- 3.2)	8.3 (5.8- 11.5)	~
Tennessee	3.3 (2.7- 4.0)	2.8 (2.2- 3.5)	7.2 (4.7- 10.4)	~
West South Central	3.6 (3.3- 3.9)	3.2 (2.9- 3.5)	7.0 (5.8- 8.4)	3.6 (2.8- 4.6)
Arkansas	3.2 (2.4- 4.2)	2.9 (2.1- 4.0)	~	~

continued

Table 2.14.1.2: Cancer of the Corpus and Uterus, NOS. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	3.6 (2.9- 4.4)	2.8 (2.1- 3.7)	6.4 (4.5- 8.8)	~
Oklahoma	3.5 (2.8- 4.5)	3.4 (2.6- 4.5)	~	~
Texas	3.6 (3.3- 4.0)	3.2 (2.9- 3.6)	8.2 (6.5- 10.4)	3.7 (2.8- 4.7)
West	3.8 (3.6- 4.1)	3.9 (3.7- 4.1)	6.2 (4.9- 7.7)	3.3 (2.7- 3.9)
Mountain	3.7 (3.3- 4.1)	3.7 (3.3- 4.1)	~	2.8 (1.8- 4.1)
Arizona	3.2 (2.6- 4.0)	3.2 (2.6- 4.0)	~	~
Colorado	3.6 (2.8- 4.6)	3.4 (2.6- 4.3)	~	~
Idaho	4.5 (3.0- 6.5)	4.6 (3.1- 6.6)	~	~
Montana	4.1 (2.6- 6.3)	4.2 (2.7- 6.6)	~	~
Nevada	3.7 (2.6- 5.2)	4.0 (2.8- 5.6)	~	~
New Mexico	4.2 (3.0- 5.7)	4.0 (2.8- 5.6)	~	~
Utah	4.9 (3.5- 6.6)	4.8 (3.4- 6.5)	~	~
Wyoming	~	~	~	~
Pacific	3.9 (3.6- 4.1)	4.0 (3.7- 4.3)	6.2 (4.8- 7.9)	3.5 (2.8- 4.3)
Alaska	~	~	~	~
California	3.8 (3.5- 4.1)	3.8 (3.5- 4.2)	6.0 (4.6- 7.8)	3.4 (2.7- 4.2)
Hawaii	3.2 (2.0- 4.9)	~	~	~
Oregon	4.1 (3.2- 5.1)	4.1 (3.3- 5.2)	~	~
Washington	4.6 (3.9- 5.5)	4.7 (4.0- 5.6)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.15.1.1: Cancer of the Ovary. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	13.4 (13.2- 13.6)	13.9 (13.7- 14.1)	9.3 (8.8- 9.8)	11.1 (10.5- 11.8)
Northeast	14.8 (14.4- 15.3)	15.4 (14.9- 15.9)	9.3 (8.3- 10.4)	10.7 (9.3- 12.4)
New England	14.1 (13.3- 15.0)	14.3 (13.5- 15.2)	4.9 (2.8- 8.2)	8.6 (5.0- 14.4)
Connecticut	14.3 (12.7- 16.1)	15.1 (13.3- 17.0)	~	~
Maine	13.0 (10.6- 15.9)	12.9 (10.5- 15.7)	~	~
Massachusetts	14.9 (13.6- 16.2)	15.1 (13.8- 16.5)	~	-
New Hampshire	11.0 (8.7- 13.9)	10.9 (8.5- 13.7)	~	-
Rhode Island	14.5 (11.6- 17.9)	14.4 (11.4- 17.9)	~	~
Vermont	13.2 (9.7- 17.9)	13.1 (9.6- 17.8)	~	~
Middle Atlantic	15.1 (14.6- 15.6)	15.8 (15.2- 16.4)	9.8 (8.7- 11.0)	11.1 (9.5- 12.9)
New Jersey	16.4 (15.3- 17.6)	17.5 (16.2- 18.8)	10.2 (7.7- 13.4)	9.4 (6.7- 13.2)
New York	14.8 (14.0- 15.5)	15.7 (14.9- 16.6)	9.7 (8.2- 11.3)	11.1 (9.2- 13.4)
Pennsylvania	14.8 (13.9- 15.7)	15.0 (14.1- 15.9)	9.8 (7.5- 12.5)	-
Midwest	13.2 (12.8- 13.6)	13.5 (13.1- 13.9)	9.3 (8.2- 10.5)	10.2 (7.9- 13.1)
East North Central	13.1 (12.6- 13.5)	13.4 (12.9- 13.9)	9.2 (8.1- 10.5)	10.1 (7.5- 13.4)
Illinois	12.8 (12.0- 13.7)	13.0 (12.1- 14.0)	10.7 (8.6- 13.1)	-
Indiana	12.5 (11.3- 13.8)	12.8 (11.5- 14.1)	7.9 (4.6- 12.6)	~
Michigan	13.4 (12.4- 14.4)	14.0 (12.9- 15.1)	8.6 (6.4- 11.2)	~
Detroit	14.0 (12.5- 15.7)	16.0 (14.1- 18.1)	8.1 (5.8- 11.1)	-
Ohio	11.9 (11.1- 12.8)	12.2 (11.3- 13.2)	7.9 (5.9- 10.4)	~
Wisconsin	16.1 (14.7- 17.7)	16.2 (14.8- 17.8)	~	~
West North Central	13.7 (13.0- 14.4)	13.7 (13.0- 14.5)	9.6 (7.0- 13.0)	10.3 (5.6- 18.6)
Iowa	15.0 (13.2- 17.0)	14.8 (13.0- 16.8)	~	~
Kansas	15.1 (13.2- 17.3)	15.3 (13.2- 17.5)	~	~
Minnesota	13.7 (12.3- 15.2)	13.4 (12.0- 15.0)	~	~
Missouri	12.6 (11.4- 13.9)	13.0 (11.7- 14.4)	9.6 (6.4- 14.0)	~
Nebraska	12.7 (10.5- 15.2)	13.1 (10.9- 15.8)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	11.4 (8.0- 16.1)	~	12.4 (8.0- 18.7)	~
Florida	13.7 (13.0- 14.5)	14.3 (13.5- 15.1)	10.0 (8.1- 12.2)	-
Georgia	13.5 (12.4- 14.7)	14.6 (13.2- 16.0)	10.5 (8.5- 12.9)	~
Atlanta	14.9 (12.8- 17.2)	16.1 (13.5- 19.2)	12.1 (8.7- 16.6)	~
Maryland				
North Carolina	11.7 (10.7- 12.7)	12.7 (11.5- 13.9)	7.5 (5.8- 9.6)	~
South Carolina	11.8 (10.4- 13.3)	12.9 (11.3- 14.8)	8.0 (5.8- 10.7)	-
Virginia				
West Virginia	14.5 (12.4- 17.0)	14.5 (12.3- 17.0)	~	~
East South Central				
Alabama	12.8 (11.4- 14.3)	13.2 (11.6- 14.9)	11.3 (8.6- 14.5)	~
Kentucky	12.2 (10.8- 13.8)	12.5 (11.1- 14.2)	~	-
Mississippi				
Tennessee				

continued

Table 2.15.1.1: Cancer of the Ovary. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	12.3 (11.7- 12.8)	12.8 (12.2- 13.4)	9.6 (8.2- 11.1)	10.7 (9.3- 12.2)
Arkansas	11.6 (10.0- 13.5)	12.3 (10.5- 14.4)	~	~
Louisiana	12.5 (11.1- 14.0)	13.1 (11.5- 15.0)	10.7 (8.3- 13.7)	-
Oklahoma	13.8 (12.2- 15.6)	14.4 (12.6- 16.3)	~	~
Texas	12.0 (11.3- 12.7)	12.4 (11.7- 13.2)	9.0 (7.2- 11.1)	10.6 (9.2- 12.1)
West	13.1 (12.7- 13.5)	13.7 (13.3- 14.2)	7.8 (6.3- 9.5)	11.7 (10.6- 12.8)
Mountain	13.1 (12.4- 13.9)	13.2 (12.5- 14.0)	~	11.7 (9.7- 14.1)
Arizona	12.4 (11.1- 13.8)	12.6 (11.2- 14.0)	~	11.3 (7.8- 16.0)
Colorado	14.2 (12.7- 16.0)	14.4 (12.7- 16.2)	~	14.1 (9.4- 20.6)
Idaho	13.2 (10.6- 16.3)	13.2 (10.5- 16.3)	~	~
Montana	14.6 (11.5- 18.3)	13.6 (10.6- 17.4)	~	-
Nevada	13.3 (11.1- 15.8)	13.4 (11.1- 16.1)	~	-
New Mexico	12.1 (10.0- 14.5)	12.3 (10.1- 15.0)	~	10.7 (7.3- 15.2)
Utah	13.6 (11.3- 16.3)	13.9 (11.5- 16.6)	~	~
Wyoming	10.3 (6.8- 15.2)	10.6 (7.0- 15.6)	~	~
Pacific	13.1 (12.7- 13.6)	14.0 (13.4- 14.5)	8.0 (6.4- 9.9)	11.6 (10.4- 13.0)
Alaska	7.9 (4.5- 13.3)	~	~	-
California	12.7 (12.1- 13.2)	13.6 (13.0- 14.3)	7.9 (6.2- 9.8)	11.6 (10.3- 12.9)
San Francisco-Oakland	12.4 (11.0- 14.0)	13.9 (12.1- 16.0)	8.8 (5.3- 13.9)	11.7 (7.6- 17.5)
San Jose-Monterey	11.1 (9.2- 13.2)	12.7 (10.5- 15.4)	~	12.1 (7.5- 18.9)
Los Angeles	13.1 (12.1- 14.3)	14.5 (13.2- 15.9)	7.7 (5.4- 10.7)	12.4 (10.4- 14.7)
Hawaii	10.1 (7.8- 12.8)	12.8 (7.9- 20.4)	~	-
Oregon	14.8 (13.1- 16.6)	14.8 (13.1- 16.8)	~	~
Washington	15.8 (14.5- 17.3)	15.7 (14.3- 17.2)	~	~
Seattle-Puget Sound	16.2 (14.6- 18.1)	16.5 (14.7- 18.5)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.15.1.2: Cancer of the Ovary. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	9.0 (8.8- 9.1)	9.3 (9.1- 9.5)	7.5 (7.1- 8.0)	6.1 (5.6- 6.7)
Northeast	9.4 (9.1- 9.8)	9.9 (9.5- 10.2)	7.3 (6.4- 8.4)	4.5 (3.5- 5.7)
New England	9.0 (8.4- 9.7)	9.4 (8.7- 10.1)	~	~
Connecticut	8.9 (7.7- 10.3)	9.4 (8.1- 11.0)	~	~
Maine	10.2 (8.1- 12.7)	10.1 (8.0- 12.7)	~	~
Massachusetts	9.0 (8.0- 10.0)	9.4 (8.4- 10.5)	~	~
New Hampshire	7.9 (6.0- 10.4)	8.0 (6.0- 10.5)	~	~
Rhode Island	9.6 (7.3- 12.4)	9.7 (7.4- 12.6)	~	~
Vermont	8.9 (6.1- 12.9)	9.0 (6.2- 13.0)	~	~
Middle Atlantic	9.6 (9.2- 10.0)	10.1 (9.6- 10.5)	7.8 (6.8- 8.9)	4.4 (3.3- 5.6)
New Jersey	10.0 (9.1- 10.9)	10.3 (9.4- 11.3)	8.4 (6.2- 11.3)	4.1 (2.3- 7.2)
New York	8.9 (8.3- 9.4)	9.5 (8.9- 10.2)	7.0 (5.8- 8.5)	4.2 (3.0- 5.7)
Pennsylvania	10.4 (9.7- 11.1)	10.7 (9.9- 11.5)	8.8 (6.6- 11.5)	~
Midwest	9.1 (8.8- 9.4)	9.3 (9.0- 9.6)	7.2 (6.3- 8.3)	4.7 (3.1- 7.0)
East North Central	8.9 (8.6- 9.3)	9.2 (8.8- 9.6)	7.1 (6.1- 8.3)	3.8 (2.3- 6.3)
Illinois	8.6 (8.0- 9.4)	8.8 (8.0- 9.6)	9.1 (7.1- 11.4)	~
Indiana	9.4 (8.4- 10.5)	9.9 (8.8- 11.1)	~	~
Michigan	8.9 (8.1- 9.7)	9.0 (8.2- 9.9)	8.3 (6.1- 10.9)	~
Ohio	9.3 (8.6- 10.0)	9.8 (9.1- 10.7)	4.6 (3.0- 6.7)	~
Wisconsin	8.3 (7.3- 9.4)	8.3 (7.3- 9.5)	~	~
West North Central	9.4 (8.9- 10.0)	9.5 (8.9- 10.1)	8.0 (5.5- 11.2)	~
Iowa	10.0 (8.6- 11.6)	9.9 (8.5- 11.5)	~	~
Kansas	9.4 (7.9- 11.1)	9.3 (7.7- 11.0)	~	~
Minnesota	9.1 (8.0- 10.3)	9.3 (8.1- 10.5)	~	~
Missouri	9.7 (8.6- 10.8)	9.9 (8.8- 11.1)	7.6 (4.7- 11.7)	~
Nebraska	9.0 (7.2- 11.1)	9.0 (7.2- 11.2)	~	~
North Dakota	7.8 (5.2- 11.4)	7.7 (5.1- 11.5)	~	~
South Dakota	10.0 (7.3- 13.6)	9.9 (7.2- 13.5)	~	~
South	8.6 (8.3- 8.8)	8.8 (8.5- 9.0)	7.8 (7.2- 8.5)	6.4 (5.6- 7.3)
South Atlantic	8.6 (8.3- 9.0)	8.9 (8.5- 9.3)	7.7 (6.9- 8.5)	5.6 (4.5- 6.9)
Delaware	8.7 (6.3- 11.9)	8.4 (5.8- 12.0)	~	~
District of Columbia	10.8 (7.5- 15.2)	~	10.8 (7.0- 16.7)	~
Florida	8.5 (7.9- 9.0)	8.7 (8.1- 9.3)	6.7 (5.1- 8.6)	5.7 (4.5- 7.1)
Georgia	9.4 (8.5- 10.4)	10.1 (9.0- 11.3)	6.7 (5.1- 8.6)	~
Maryland	8.8 (7.7- 9.9)	9.5 (8.2- 10.9)	7.9 (5.8- 10.6)	~
North Carolina	8.3 (7.5- 9.2)	8.5 (7.6- 9.5)	8.1 (6.2- 10.3)	~
South Carolina	7.0 (5.9- 8.2)	7.5 (6.3- 9.0)	5.1 (3.4- 7.4)	~
Virginia	9.1 (8.2- 10.1)	8.8 (7.7- 9.9)	10.8 (8.4- 13.7)	~
West Virginia	10.1 (8.4- 12.2)	10.1 (8.3- 12.2)	~	~
East South Central	9.2 (8.6- 9.8)	9.3 (8.7- 10.0)	9.0 (7.6- 10.7)	~
Alabama	10.4 (9.2- 11.7)	10.5 (9.1- 12.0)	10.3 (7.8- 13.4)	~
Kentucky	8.9 (7.8- 10.3)	9.2 (8.0- 10.6)	~	~
Mississippi	8.4 (7.0- 9.9)	8.5 (6.9- 10.5)	8.2 (5.7- 11.4)	~
Tennessee	8.8 (7.9- 9.9)	8.8 (7.7- 10.0)	9.7 (6.9- 13.3)	~
West South Central	8.0 (7.6- 8.5)	8.2 (7.8- 8.7)	7.3 (6.1- 8.7)	7.0 (5.8- 8.3)
Arkansas	7.8 (6.5- 9.3)	8.0 (6.6- 9.7)	~	~

continued

Table 2.15.1.2: Cancer of the Ovary. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	8.7 (7.5- 9.9)	9.0 (7.7- 10.6)	8.2 (6.1- 10.8)	~
Oklahoma	7.9 (6.7- 9.3)	8.0 (6.8- 9.5)	~	~
Texas	8.0 (7.4- 8.5)	8.2 (7.6- 8.8)	6.6 (5.1- 8.5)	7.1 (5.9- 8.5)
West	9.2 (8.8- 9.5)	9.7 (9.3- 10.0)	6.3 (5.0- 7.9)	6.8 (5.9- 7.7)
Mountain	9.2 (8.6- 9.8)	9.2 (8.6- 9.9)	~	7.4 (5.7- 9.5)
Arizona	9.3 (8.2- 10.5)	9.5 (8.3- 10.7)	~	8.3 (5.3- 12.7)
Colorado	9.3 (8.0- 10.7)	9.3 (8.0- 10.8)	~	~
Idaho	10.9 (8.6- 13.8)	10.8 (8.4- 13.7)	~	~
Montana	7.8 (5.6- 10.7)	7.5 (5.3- 10.4)	~	~
Nevada	9.5 (7.7- 11.6)	9.7 (7.8- 12.0)	~	~
New Mexico	9.0 (7.2- 11.1)	8.6 (6.7- 10.8)	~	7.5 (4.7- 11.5)
Utah	7.8 (6.1- 9.9)	7.7 (6.0- 9.9)	~	~
Wyoming	9.9 (6.5- 14.8)	9.8 (6.3- 14.7)	~	~
Pacific	9.2 (8.8- 9.6)	9.9 (9.4- 10.4)	6.2 (4.8- 7.9)	6.5 (5.6- 7.6)
Alaska	~	~	~	~
California	8.9 (8.4- 9.4)	9.6 (9.1- 10.1)	6.2 (4.7- 8.0)	6.7 (5.7- 7.8)
Hawaii	8.2 (6.2- 10.7)	12.2 (7.5- 19.6)	~	~
Oregon	9.8 (8.5- 11.3)	10.2 (8.8- 11.8)	~	~
Washington	10.6 (9.5- 11.8)	11.1 (9.9- 12.4)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.16.1.1: Cancer of the Prostate. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	161.2 (160.4- 161.9)	151.8 (151.1- 152.6)	234.1 (230.8- 237.4)	129.6 (126.9- 132.4)
Northeast	177.4 (175.8- 179.1)	167.6 (165.9- 169.3)	255.1 (247.9- 262.5)	167.8 (159.7- 176.2)
New England	180.5 (177.3- 183.9)	174.9 (171.6- 178.3)	272.9 (250.6- 297.3)	209.4 (183.9- 238.3)
Connecticut	180.4 (173.9- 187.1)	174.5 (167.8- 181.4)	245.3 (213.9- 282.3)	152.8 (118.6- 196.1)
Maine	183.1 (172.7- 194.0)	183.5 (173.1- 194.5)	~	~
Massachusetts	184.9 (180.0- 190.0)	178.5 (173.5- 183.7)	302.5 (268.7- 340.3)	-
New Hampshire	170.3 (159.6- 181.8)	161.0 (150.5- 172.2)	~	-
Rhode Island	184.0 (172.2- 196.5)	177.7 (165.8- 190.3)	254.4 (171.3- 380.2)	339.3 (234.1- 489.2)
Vermont	149.4 (135.4- 164.6)	150.2 (136.1- 165.4)	~	~
Middle Atlantic	176.3 (174.4- 178.3)	164.7 (162.7- 166.7)	252.7 (245.1- 260.6)	162.5 (154.0- 171.4)
New Jersey	209.3 (204.7- 214.0)	197.5 (192.7- 202.4)	300.4 (282.2- 319.9)	183.8 (166.2- 203.3)
New York	162.6 (159.9- 165.4)	149.2 (146.4- 152.1)	232.2 (222.4- 242.4)	150.4 (140.5- 161.1)
Pennsylvania	174.4 (171.2- 177.8)	164.6 (161.3- 168.0)	260.8 (245.2- 277.4)	-
Midwest	165.2 (163.7- 166.7)	153.8 (152.3- 155.4)	222.3 (215.6- 229.3)	125.5 (114.9- 137.0)
East North Central	167.4 (165.6- 169.2)	153.5 (151.6- 155.3)	227.7 (220.2- 235.3)	131.4 (119.3- 144.8)
Illinois	163.6 (160.1- 167.1)	153.4 (149.8- 157.1)	227.6 (214.8- 241.2)	-
Indiana	146.0 (141.4- 150.8)	139.6 (134.9- 144.4)	213.4 (190.4- 238.8)	132.8 (92.9- 188.0)
Michigan	198.2 (194.0- 202.5)	173.3 (169.1- 177.6)	242.4 (227.8- 257.8)	141.8 (111.8- 180.2)
Detroit	224.9 (217.7- 232.3)	207.8 (200.1- 215.9)	277.4 (259.4- 296.6)	-
Ohio	155.6 (152.1- 159.1)	138.8 (135.4- 142.3)	215.4 (201.2- 230.6)	135.4 (100.8- 181.8)
Wisconsin	168.9 (163.7- 174.1)	164.7 (159.5- 170.0)	240.7 (203.9- 285.4)	151.6 (108.1- 213.6)
West North Central	160.0 (157.2- 162.8)	154.7 (151.9- 157.5)	191.6 (175.8- 208.9)	102.8 (82.6- 127.7)
Iowa	151.0 (144.7- 157.5)	148.3 (142.0- 154.9)	198.9 (132.5- 295.8)	~
Kansas	157.4 (150.4- 164.7)	151.3 (144.2- 158.7)	182.0 (144.0- 228.2)	82.3 (53.4- 127.7)
Minnesota	197.5 (191.5- 203.6)	190.5 (184.5- 196.6)	191.8 (141.5- 261.0)	134.3 (80.6- 219.5)
Missouri	136.9 (132.4- 141.5)	132.8 (128.2- 137.5)	191.5 (171.8- 213.3)	114.3 (73.8- 178.6)
Nebraska	152.5 (144.0- 161.5)	141.4 (133.0- 150.2)	211.4 (146.8- 302.7)	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	213.5 (195.0- 233.4)	148.8 (122.7- 180.3)	233.8 (209.6- 260.4)	~
Florida	152.0 (149.5- 154.5)	145.1 (142.6- 147.7)	224.2 (212.8- 236.1)	-
Georgia	173.8 (168.9- 178.8)	152.4 (147.3- 157.6)	270.4 (256.2- 285.3)	103.9 (75.6- 143.1)
Atlanta	193.9 (184.3- 204.0)	176.8 (166.2- 188.0)	268.9 (244.2- 296.1)	139.0 (92.4- 209.0)
Maryland				
North Carolina	161.8 (157.5- 166.3)	144.0 (139.6- 148.6)	252.0 (238.2- 266.4)	107.0 (71.5- 157.2)
South Carolina	161.7 (155.7- 167.9)	137.2 (131.0- 143.7)	241.0 (224.9- 258.1)	-
Virginia				
West Virginia	155.7 (147.7- 164.1)	154.4 (146.4- 162.9)	241.7 (180.0- 319.3)	~
East South Central				
Alabama	148.7 (143.3- 154.2)	132.5 (126.8- 138.3)	213.2 (198.1- 229.2)	130.2 (74.6- 217.7)
Kentucky	156.3 (150.5- 162.4)	139.9 (134.2- 145.8)	249.8 (217.8- 285.9)	-
Mississippi				
Tennessee				

continued

Table 2.16.1.1: Cancer of the Prostate. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	142.9 (140.8- 145.1)	134.7 (132.5- 137.0)	212.1 (203.9- 220.6)	104.1 (98.7- 109.9)
Arkansas	141.1 (134.6- 147.8)	134.1 (127.5- 141.0)	213.5 (187.8- 242.0)	~
Louisiana	179.0 (172.7- 185.4)	160.6 (153.9- 167.6)	240.9 (225.7- 257.0)	-
Oklahoma	140.3 (134.5- 146.4)	138.6 (132.5- 145.0)	203.3 (171.3- 240.3)	142.3 (92.0- 215.8)
Texas	135.1 (132.5- 137.8)	128.6 (125.9- 131.4)	194.4 (183.6- 205.9)	101.4 (95.9- 107.2)
West	153.7 (152.2- 155.2)	149.7 (148.1- 151.4)	221.1 (211.7- 230.9)	125.2 (121.0- 129.7)
Mountain	151.4 (148.7- 154.2)	147.5 (144.7- 150.3)	188.4 (167.3- 212.6)	118.7 (110.6- 127.3)
Arizona	119.2 (114.9- 123.6)	113.5 (109.2- 118.0)	140.3 (108.3- 182.1)	91.7 (79.6- 105.7)
Colorado	164.6 (158.3- 171.1)	153.4 (147.2- 159.8)	210.1 (171.2- 260.2)	134.5 (115.8- 156.3)
Idaho	177.8 (166.9- 189.4)	177.7 (166.7- 189.4)	~	172.6 (94.4- 301.8)
Montana	179.4 (167.2- 192.4)	171.3 (159.1- 184.1)	~	-
Nevada	159.3 (150.9- 168.1)	158.3 (149.6- 167.5)	212.2 (167.7- 271.3)	-
New Mexico	145.0 (136.8- 153.7)	148.9 (140.2- 158.1)	195.7 (125.8- 301.0)	129.0 (114.7- 144.8)
Utah	183.4 (173.7- 193.7)	185.9 (175.9- 196.3)	~	173.1 (125.7- 240.7)
Wyoming	186.4 (168.8- 205.8)	189.3 (171.3- 209.0)	~	241.2 (139.5- 400.4)
Pacific	154.7 (152.9- 156.6)	150.9 (149.0- 152.9)	226.9 (216.5- 237.8)	127.7 (122.6- 133.0)
Alaska	157.9 (138.5- 180.2)	169.2 (147.0- 195.2)	~	-
California	149.9 (147.8- 152.0)	144.8 (142.5- 147.0)	225.8 (215.0- 237.2)	128.1 (122.9- 133.5)
San Francisco-Oakland	163.5 (157.6- 169.7)	168.0 (160.8- 175.4)	193.4 (171.9- 217.4)	149.4 (130.1- 171.3)
San Jose-Monterey	152.7 (144.5- 161.2)	166.1 (156.6- 176.1)	148.5 (96.3- 235.0)	147.1 (125.6- 172.4)
Los Angeles	159.2 (155.0- 163.6)	147.5 (142.8- 152.4)	255.6 (238.5- 273.9)	132.3 (123.8- 141.4)
Hawaii	134.2 (125.0- 143.9)	131.7 (113.9- 152.0)	~	-
Oregon	166.7 (160.4- 173.2)	163.4 (157.0- 169.9)	197.0 (133.0- 290.7)	115.1 (76.0- 172.0)
Washington	177.1 (171.8- 182.5)	172.2 (166.9- 177.7)	256.9 (211.6- 312.3)	149.5 (116.1- 191.7)
Seattle-Puget Sound	178.3 (171.8- 184.9)	179.2 (172.5- 186.2)	267.3 (217.3- 329.5)	133.1 (89.4- 196.3)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.16.1.2: Cancer of the Prostate. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	29.1 (28.7- 29.4)	26.6 (26.2- 26.9)	66.4 (64.6- 68.3)	23.3 (21.9- 24.7)
Northeast	29.1 (28.4- 29.8)	27.4 (26.6- 28.1)	59.4 (55.3- 63.7)	20.5 (17.2- 24.2)
New England	29.3 (27.9- 30.7)	29.0 (27.6- 30.5)	49.0 (38.2- 62.4)	20.1 (11.9- 32.5)
Connecticut	26.7 (24.1- 29.5)	25.9 (23.3- 28.7)	47.2 (31.2- 70.4)	~
Maine	33.2 (28.5- 38.5)	33.2 (28.5- 38.5)	~	~
Massachusetts	29.5 (27.4- 31.7)	29.2 (27.1- 31.5)	49.2 (34.4- 69.1)	~
New Hampshire	29.6 (24.8- 35.2)	29.7 (24.8- 35.3)	~	~
Rhode Island	29.7 (24.9- 35.2)	29.4 (24.6- 35.0)	~	~
Vermont	32.3 (25.2- 40.8)	32.5 (25.4- 41.1)	~	~
Middle Atlantic	29.0 (28.2- 29.9)	26.8 (25.9- 27.6)	60.5 (56.2- 65.1)	20.6 (17.1- 24.7)
New Jersey	30.0 (28.2- 32.0)	27.1 (25.2- 29.0)	69.8 (59.5- 81.5)	14.7 (9.3- 22.6)
New York	28.7 (27.4- 29.9)	26.2 (24.9- 27.5)	57.5 (51.9- 63.6)	22.8 (18.3- 28.1)
Pennsylvania	28.9 (27.5- 30.3)	27.2 (25.8- 28.7)	59.6 (51.2- 69.1)	~
Midwest	29.8 (29.1- 30.5)	27.8 (27.2- 28.5)	63.8 (59.6- 68.1)	18.4 (13.9- 24.1)
East North Central	30.4 (29.6- 31.3)	27.9 (27.1- 28.8)	64.2 (59.7- 69.0)	17.9 (13.0- 24.3)
Illinois	31.5 (29.9- 33.2)	28.5 (26.8- 30.2)	65.6 (57.8- 74.2)	16.6 (10.3- 25.8)
Indiana	31.2 (28.9- 33.7)	29.2 (26.9- 31.7)	67.7 (53.7- 84.6)	~
Michigan	30.7 (28.9- 32.6)	27.8 (26.0- 29.7)	60.0 (51.8- 69.2)	~
Ohio	29.4 (27.8- 31.1)	26.6 (25.0- 28.3)	65.9 (57.1- 75.8)	~
Wisconsin	28.9 (26.7- 31.3)	28.3 (26.1- 30.7)	69.3 (44.0- 105.5)	~
West North Central	28.6 (27.4- 29.8)	27.7 (26.5- 28.9)	61.2 (51.0- 73.1)	~
Iowa	29.4 (26.5- 32.4)	29.0 (26.2- 32.1)	~	~
Kansas	28.6 (25.5- 32.0)	26.9 (23.9- 30.3)	83.4 (55.1- 121.3)	~
Minnesota	32.0 (29.5- 34.7)	31.7 (29.2- 34.4)	~	~
Missouri	25.4 (23.3- 27.6)	23.5 (21.4- 25.7)	53.7 (42.2- 67.8)	~
Nebraska	26.3 (22.7- 30.4)	25.8 (22.2- 29.9)	~	~
North Dakota	28.1 (22.5- 34.7)	28.2 (22.6- 34.9)	~	~
South Dakota	32.5 (26.9- 39.1)	31.9 (26.2- 38.5)	~	~
South	30.1 (29.5- 30.7)	25.2 (24.6- 25.7)	70.7 (68.1- 73.3)	24.1 (22.0- 26.4)
South Atlantic	29.1 (28.3- 29.8)	23.8 (23.1- 24.5)	71.5 (68.0- 75.1)	23.3 (20.3- 26.7)
Delaware	34.2 (27.8- 41.9)	31.0 (24.6- 38.9)	64.0 (39.0- 101.4)	~
District of Columbia	46.2 (37.2- 56.8)	26.8 (15.8- 44.1)	57.5 (45.0- 72.7)	~
Florida	24.3 (23.3- 25.3)	22.0 (21.0- 23.0)	66.4 (59.1- 74.4)	25.7 (22.3- 29.5)
Georgia	33.5 (31.1- 36.2)	25.2 (22.8- 27.8)	71.5 (63.3- 80.5)	~
Maryland	31.6 (29.0- 34.4)	25.4 (22.8- 28.3)	66.1 (56.5- 77.0)	~
North Carolina	33.3 (31.1- 35.6)	24.9 (22.8- 27.1)	81.2 (72.5- 90.8)	~
South Carolina	36.5 (33.3- 40.0)	26.1 (22.9- 29.5)	77.8 (67.6- 89.1)	~
Virginia	32.1 (29.8- 34.7)	25.7 (23.4- 28.1)	72.4 (63.4- 82.4)	~
West Virginia	26.5 (22.9- 30.4)	25.3 (21.8- 29.2)	~	~
East South Central	33.9 (32.4- 35.4)	27.2 (25.8- 28.8)	76.2 (70.4- 82.4)	~
Alabama	38.2 (35.1- 41.4)	27.5 (24.6- 30.6)	85.6 (75.4- 96.9)	~
Kentucky	27.0 (24.3- 30.0)	24.8 (22.1- 27.7)	70.9 (52.1- 94.5)	~
Mississippi	42.8 (38.7- 47.2)	31.1 (27.0- 35.7)	76.3 (65.9- 88.0)	~
Tennessee	30.8 (28.3- 33.4)	27.3 (24.8- 30.0)	63.6 (53.1- 75.7)	~
West South Central	30.1 (29.0- 31.2)	26.8 (25.7- 27.9)	64.0 (59.0- 69.2)	25.0 (22.0- 28.4)
Arkansas	31.9 (28.6- 35.5)	27.0 (23.8- 30.6)	77.9 (62.1- 96.7)	~

continued

Table 2.16.1.2: Cancer of the Prostate. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	38.6 (35.4- 42.0)	29.6 (26.5- 33.2)	69.4 (60.5- 79.1)	~
Oklahoma	27.2 (24.4- 30.2)	26.8 (23.9- 29.9)	50.7 (33.6- 73.7)	~
Texas	28.4 (27.1- 29.8)	26.2 (24.8- 27.6)	58.1 (51.5- 65.3)	25.1 (22.0- 28.5)
West	26.4 (25.7- 27.1)	26.5 (25.8- 27.2)	59.7 (53.9- 66.0)	24.1 (21.9- 26.4)
Mountain	27.3 (26.0- 28.6)	26.8 (25.5- 28.2)	69.2 (52.9- 89.5)	27.3 (22.8- 32.5)
Arizona	24.1 (22.0- 26.3)	24.0 (21.8- 26.3)	~	24.6 (17.5- 34.1)
Colorado	26.5 (23.7- 29.6)	26.3 (23.4- 29.4)	46.5 (25.1- 82.8)	30.6 (20.1- 45.1)
Idaho	27.5 (22.9- 32.7)	27.6 (23.0- 32.8)	~	~
Montana	31.9 (26.5- 38.2)	31.2 (25.8- 37.5)	~	~
Nevada	29.8 (25.6- 34.6)	28.1 (23.9- 33.0)	87.8 (53.2- 140.8)	~
New Mexico	28.5 (24.5- 33.0)	27.1 (23.1- 31.7)	~	27.5 (20.4- 36.5)
Utah	29.6 (25.4- 34.4)	29.3 (25.1- 34.1)	~	~
Wyoming	36.7 (28.3- 47.0)	36.8 (28.3- 47.2)	~	~
Pacific	26.1 (25.3- 26.9)	26.4 (25.6- 27.3)	58.2 (52.1- 64.9)	22.8 (20.4- 25.6)
Alaska	25.1 (16.1- 38.0)	22.3 (13.6- 35.8)	~	~
California	25.6 (24.7- 26.6)	25.6 (24.6- 26.6)	58.7 (52.3- 65.7)	22.9 (20.4- 25.7)
Hawaii	20.1 (16.6- 24.3)	33.5 (24.3- 45.4)	~	~
Oregon	29.8 (27.0- 32.8)	30.0 (27.2- 33.0)	~	~
Washington	27.6 (25.4- 29.9)	27.7 (25.4- 30.1)	62.0 (38.2- 98.1)	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.17.1.1: Cancer of the Testis. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	5.3 (5.1- 5.4)	6.0 (5.8- 6.1)	1.4 (1.2- 1.6)	3.4 (3.2- 3.8)
Northeast	5.6 (5.3- 5.9)	6.4 (6.1- 6.7)	1.6 (1.2- 2.2)	3.3 (2.7- 4.4)
New England	5.9 (5.3- 6.5)	6.3 (5.6- 6.9)	~	4.3 (2.2- 10.4)
Connecticut	5.2 (4.2- 6.5)	5.6 (4.5- 7.1)	~	~
Maine	6.0 (4.2- 8.4)	6.2 (4.3- 8.5)	~	~
Massachusetts	5.9 (5.1- 6.8)	6.3 (5.5- 7.4)	~	-
New Hampshire	6.1 (4.3- 8.5)	6.3 (4.5- 8.8)	~	-
Rhode Island	5.5 (3.7- 8.0)	5.6 (3.7- 8.3)	~	~
Vermont	8.9 (5.8- 13.2)	9.1 (6.0- 13.6)	~	~
Middle Atlantic	5.5 (5.2- 5.8)	6.5 (6.1- 6.9)	1.6 (1.1- 2.3)	3.2 (2.5- 4.3)
New Jersey	5.9 (5.2- 6.8)	7.1 (6.2- 8.1)	~	4.0 (2.6- 7.5)
New York	4.9 (4.4- 5.4)	5.9 (5.3- 6.5)	1.5 (0.9- 2.5)	2.6 (1.8- 4.0)
Pennsylvania	6.2 (5.6- 6.9)	6.9 (6.2- 7.7)	~	-
Midwest	5.8 (5.5- 6.1)	6.3 (6.0- 6.6)	1.7 (1.3- 2.3)	4.0 (2.8- 6.2)
East North Central	5.6 (5.3- 5.9)	6.1 (5.8- 6.5)	1.6 (1.1- 2.3)	3.8 (2.5- 6.6)
Illinois	5.1 (4.6- 5.7)	5.8 (5.1- 6.5)	~	-
Indiana	5.7 (4.9- 6.6)	6.1 (5.2- 7.1)	~	~
Michigan	5.5 (4.8- 6.2)	6.2 (5.5- 7.1)	~	~
Detroit	5.8 (4.8- 7.1)	7.5 (6.2- 9.1)	~	-
Ohio	5.7 (5.1- 6.4)	6.1 (5.4- 6.9)	~	~
Wisconsin	6.3 (5.4- 7.3)	6.6 (5.6- 7.7)	~	~
West North Central	6.4 (5.9- 7.0)	6.7 (6.2- 7.3)	~	4.7 (2.5- 12.8)
Iowa	7.2 (5.9- 8.8)	7.5 (6.1- 9.1)	~	~
Kansas	4.7 (3.6- 6.0)	4.8 (3.6- 6.2)	~	~
Minnesota	7.2 (6.2- 8.3)	7.3 (6.2- 8.5)	~	~
Missouri	5.7 (4.8- 6.7)	6.3 (5.3- 7.4)	~	~
Nebraska	7.8 (6.0- 9.9)	7.9 (6.0- 10.1)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	~	~	~	~
Florida	5.0 (4.6- 5.6)	5.9 (5.3- 6.6)	~	-
Georgia	4.1 (3.5- 4.8)	5.4 (4.6- 6.4)	~	~
Atlanta	3.5 (2.7- 4.9)	5.0 (3.7- 6.8)	~	~
Maryland				
North Carolina	5.1 (4.5- 5.9)	6.3 (5.4- 7.2)	~	~
South Carolina	3.6 (2.9- 4.7)	4.7 (3.6- 6.0)	~	-
Virginia				
West Virginia	3.9 (2.7- 5.6)	4.1 (2.9- 5.9)	~	~
East South Central				
Alabama	3.8 (3.1- 4.8)	5.2 (4.1- 6.5)	~	~
Kentucky	5.4 (4.4- 6.5)	5.7 (4.6- 6.9)	~	-
Mississippi				
Tennessee				

continued

Table 2.17.1.1: Cancer of the Testis. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	4.4 (4.0- 4.7)	5.0 (4.6- 5.4)	1.2 (0.8- 1.8)	3.9 (3.3- 4.7)
Arkansas	4.2 (3.2- 5.6)	5.0 (3.8- 6.6)	~	~
Louisiana	4.7 (3.9- 5.8)	6.3 (5.1- 7.8)	~	-
Oklahoma	4.2 (3.3- 5.4)	4.7 (3.6- 6.0)	~	~
Texas	4.3 (3.9- 4.7)	4.8 (4.4- 5.3)	~	3.8 (3.2- 4.6)
West	5.3 (5.1- 5.6)	6.0 (5.7- 6.3)	1.5 (1.0- 2.5)	3.4 (3.0- 3.9)
Mountain	5.2 (4.8- 5.7)	5.5 (5.0- 6.1)	~	3.1 (2.3- 4.5)
Arizona	4.7 (3.9- 5.7)	5.1 (4.2- 6.1)	~	2.9 (1.4- 6.9)
Colorado	5.8 (4.9- 7.0)	6.0 (5.0- 7.2)	~	~
Idaho	5.2 (3.6- 7.5)	5.1 (3.5- 7.3)	~	~
Montana	5.5 (3.5- 8.3)	6.0 (3.8- 9.1)	~	-
Nevada	4.2 (3.0- 5.9)	4.4 (3.1- 6.2)	~	-
New Mexico	5.6 (4.1- 7.5)	6.3 (4.6- 8.4)	~	4.9 (3.0- 8.5)
Utah	5.4 (4.1- 7.1)	5.6 (4.3- 7.4)	~	~
Wyoming	8.4 (5.2- 13.4)	8.4 (5.1- 13.6)	~	~
Pacific	5.4 (5.1- 5.7)	6.2 (5.8- 6.5)	1.7 (1.1- 2.8)	3.4 (3.0- 4.0)
Alaska	6.1 (3.8- 12.1)	6.5 (3.8- 14.0)	~	-
California	5.0 (4.7- 5.4)	5.9 (5.5- 6.3)	1.7 (1.0- 2.9)	3.6 (3.1- 4.2)
San Francisco-Oakland	4.5 (3.7- 5.5)	5.3 (4.2- 6.6)	~	3.3 (1.9- 8.0)
San Jose-Monterey	5.6 (4.4- 7.1)	6.9 (5.4- 8.9)	~	~
Los Angeles	4.8 (4.2- 5.4)	5.7 (5.0- 6.6)	~	4.0 (3.3- 5.3)
Hawaii	4.5 (3.0- 6.6)	~	~	-
Oregon	7.6 (6.4- 9.1)	7.6 (6.3- 9.0)	~	~
Washington	6.2 (5.4- 7.2)	6.8 (5.8- 7.8)	~	~
Seattle-Puget Sound	6.4 (5.4- 7.7)	7.2 (6.0- 8.6)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.17.1.2: Cancer of the Testis. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	0.2 (0.2- 0.3)	0.3 (0.2- 0.3)	0.2 (0.1- 0.3)	0.2 (0.2- 0.4)
Northeast	0.2 (0.2- 0.3)	0.2 (0.2- 0.3)	~	~
New England	~	~	~	~
Connecticut	~	~	~	~
Maine	~	~	~	~
Massachusetts	~	~	~	~
New Hampshire	~	~	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	0.2 (0.2- 0.3)	0.3 (0.2- 0.4)	~	~
New Jersey	~	~	~	~
New York	0.2 (0.1- 0.3)	0.3 (0.2- 0.4)	~	~
Pennsylvania	~	~	~	~
Midwest	0.2 (0.2- 0.3)	0.2 (0.2- 0.3)	~	~
East North Central	0.2 (0.2- 0.3)	0.2 (0.2- 0.3)	~	~
Illinois	~	~	~	~
Indiana	~	~	~	~
Michigan	~	~	~	~
Ohio	0.4 (0.2- 0.6)	0.4 (0.2- 0.6)	~	~
Wisconsin	~	~	~	~
West North Central	0.2 (0.1- 0.4)	0.2 (0.2- 0.4)	~	~
Iowa	~	~	~	~
Kansas	~	~	~	~
Minnesota	~	~	~	~
Missouri	~	~	~	~
Nebraska	~	~	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	0.2 (0.2- 0.3)	0.2 (0.2- 0.3)	~	0.2 (0.1- 0.5)
South Atlantic	0.2 (0.2- 0.3)	0.2 (0.2- 0.3)	~	~
Delaware	~	~	~	~
District of Columbia	~	~	~	~
Florida	0.3 (0.2- 0.4)	0.3 (0.2- 0.5)	~	~
Georgia	~	~	~	~
Maryland	~	~	~	~
North Carolina	~	~	~	~
South Carolina	~	~	~	~
Virginia	~	~	~	~
West Virginia	~	~	~	~
East South Central	~	~	~	~
Alabama	~	~	~	~
Kentucky	~	~	~	~
Mississippi	~	~	~	~
Tennessee	~	~	~	~
West South Central	0.2 (0.2- 0.3)	0.2 (0.2- 0.4)	~	~
Arkansas	~	~	~	~

continued

Table 2.17.1.2: Cancer of the Testis. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	~	~	~	~
Oklahoma	~	~	~	~
Texas	0.2 (0.2- 0.4)	0.3 (0.2- 0.4)	~	~
West	0.3 (0.2- 0.4)	0.3 (0.3- 0.4)	~	0.3 (0.2- 0.6)
Mountain	0.2 (0.1- 0.4)	0.3 (0.2- 0.4)	~	~
Arizona	~	~	~	~
Colorado	~	~	~	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	~	~	~	~
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	0.3 (0.3- 0.4)	0.4 (0.3- 0.5)	~	0.3 (0.2- 0.7)
Alaska	~	~	~	~
California	0.3 (0.3- 0.4)	0.4 (0.3- 0.5)	~	0.3 (0.2- 0.7)
Hawaii	~	~	~	~
Oregon	~	~	~	~
Washington	~	~	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.18.1.1M: Cancer of the Urinary Bladder. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	36.9 (36.5- 37.2)	38.8 (38.4- 39.2)	17.9 (17.0- 18.9)	21.4 (20.2- 22.7)
Northeast	42.7 (41.9- 43.6)	45.0 (44.1- 45.9)	19.0 (16.9- 21.3)	29.0 (25.4- 33.0)
New England	44.6 (43.0- 46.3)	45.6 (43.9- 47.3)	18.6 (13.0- 26.8)	42.2 (30.5- 57.7)
Connecticut	43.2 (39.9- 46.6)	44.2 (40.9- 47.8)	17.3 (10.2- 31.3)	~
Maine	46.9 (41.6- 52.7)	46.9 (41.6- 52.8)	~	~
Massachusetts	44.7 (42.2- 47.2)	46.0 (43.4- 48.7)	19.6 (11.2- 33.1)	-
New Hampshire	43.8 (38.2- 50.0)	43.6 (38.1- 49.9)	~	-
Rhode Island	52.8 (46.5- 59.8)	54.1 (47.6- 61.4)	~	~
Vermont	34.1 (27.4- 42.0)	34.4 (27.7- 42.4)	~	~
Middle Atlantic	42.1 (41.1- 43.1)	44.7 (43.7- 45.8)	19.0 (16.8- 21.5)	27.3 (23.6- 31.4)
New Jersey	46.0 (43.8- 48.3)	49.2 (46.8- 51.7)	22.0 (16.7- 28.7)	37.1 (28.6- 47.7)
New York	39.4 (38.0- 40.8)	42.9 (41.4- 44.6)	14.9 (12.4- 17.9)	22.6 (18.6- 27.3)
Pennsylvania	43.3 (41.7- 45.0)	44.4 (42.6- 46.1)	25.8 (20.8- 31.9)	-
Midwest	37.6 (36.9- 38.3)	38.7 (37.9- 39.4)	18.2 (16.2- 20.5)	22.8 (18.1- 28.7)
East North Central	38.0 (37.1- 38.9)	39.4 (38.4- 40.3)	17.6 (15.5- 20.0)	23.3 (18.1- 29.8)
Illinois	38.3 (36.6- 40.1)	41.0 (39.1- 43.0)	16.7 (13.2- 21.0)	-
Indiana	34.4 (32.1- 36.8)	35.0 (32.6- 37.5)	20.0 (13.5- 29.4)	~
Michigan	41.5 (39.6- 43.6)	44.0 (41.9- 46.2)	16.3 (12.4- 21.2)	~
Detroit	42.9 (39.7- 46.3)	49.2 (45.4- 53.2)	19.2 (14.3- 25.3)	-
Ohio	38.3 (36.6- 40.1)	38.6 (36.8- 40.5)	20.0 (15.6- 25.4)	~
Wisconsin	34.4 (32.1- 36.9)	35.0 (32.6- 37.5)	~	~
West North Central	36.7 (35.4- 38.1)	37.0 (35.7- 38.5)	21.5 (16.1- 28.4)	~
Iowa	39.5 (36.3- 43.0)	39.4 (36.2- 42.9)	~	~
Kansas	32.8 (29.6- 36.3)	32.9 (29.6- 36.4)	~	~
Minnesota	39.0 (36.3- 41.8)	38.8 (36.1- 41.7)	~	~
Missouri	34.5 (32.2- 37.0)	35.8 (33.3- 38.3)	20.0 (13.7- 28.6)	~
Nebraska	38.5 (34.2- 43.2)	38.2 (33.9- 43.0)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	28.0 (21.5- 36.1)	39.3 (26.1- 58.5)	19.8 (13.2- 29.0)	~
Florida	39.1 (37.8- 40.4)	40.9 (39.5- 42.3)	15.3 (12.3- 19.1)	-
Georgia	32.4 (30.2- 34.7)	35.9 (33.3- 38.6)	18.7 (15.0- 23.1)	~
Atlanta	31.7 (27.5- 36.4)	37.0 (31.9- 42.8)	15.5 (9.6- 24.4)	~
Maryland				
North Carolina	33.4 (31.4- 35.5)	36.5 (34.2- 38.9)	17.2 (13.6- 21.6)	~
South Carolina	33.4 (30.6- 36.5)	37.6 (34.3- 41.3)	16.5 (12.3- 21.9)	-
Virginia				
West Virginia	40.6 (36.5- 45.1)	41.5 (37.3- 46.1)	~	~
East South Central				
Alabama	29.5 (27.0- 32.1)	32.6 (29.7- 35.6)	13.9 (10.2- 18.7)	~
Kentucky	36.8 (33.9- 40.0)	37.4 (34.4- 40.7)	22.5 (13.7- 35.8)	-
Mississippi				
Tennessee				

continued

Table 2.18.1.1M: Cancer of the Urinary Bladder. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	29.2 (28.2- 30.2)	30.7 (29.6- 31.8)	16.7 (14.4- 19.4)	15.5 (13.4- 17.9)
Arkansas	32.0 (28.9- 35.4)	33.6 (30.2- 37.3)	15.3 (8.9- 24.8)	~
Louisiana	33.7 (30.9- 36.6)	38.6 (35.2- 42.3)	18.2 (14.1- 23.2)	-
Oklahoma	30.2 (27.4- 33.1)	32.3 (29.4- 35.5)	~	~
Texas	27.5 (26.3- 28.8)	28.4 (27.1- 29.7)	16.7 (13.5- 20.6)	14.7 (12.6- 17.1)
West	34.9 (34.2- 35.7)	37.1 (36.3- 38.0)	20.0 (17.0- 23.4)	18.6 (16.8- 20.5)
Mountain	35.5 (34.1- 36.9)	36.0 (34.6- 37.5)	19.1 (12.3- 29.7)	18.8 (15.4- 22.7)
Arizona	33.2 (30.9- 35.7)	34.2 (31.8- 36.8)	~	17.6 (12.1- 25.4)
Colorado	36.5 (33.5- 39.7)	36.8 (33.7- 40.2)	~	15.8 (9.6- 25.5)
Idaho	38.0 (32.9- 43.7)	38.3 (33.1- 44.0)	~	~
Montana	35.9 (30.5- 42.1)	33.9 (28.5- 40.0)	~	-
Nevada	47.1 (42.4- 52.4)	49.1 (44.0- 54.7)	~	-
New Mexico	27.8 (24.1- 32.0)	29.0 (25.1- 33.4)	~	21.6 (15.7- 29.2)
Utah	32.3 (28.1- 37.0)	32.5 (28.3- 37.2)	~	~
Wyoming	37.1 (29.4- 46.5)	37.0 (29.3- 46.5)	~	~
Pacific	34.7 (33.8- 35.6)	37.7 (36.7- 38.7)	20.1 (16.9- 23.9)	18.5 (16.5- 20.8)
Alaska	41.9 (31.9- 55.2)	43.9 (32.4- 59.7)	~	-
California	33.1 (32.1- 34.2)	36.2 (35.0- 37.4)	20.9 (17.5- 25.0)	18.6 (16.5- 20.9)
San Francisco-Oakland	32.0 (29.3- 34.8)	37.6 (34.2- 41.2)	20.1 (13.2- 29.7)	18.0 (11.4- 27.8)
San Jose-Monterey	32.3 (28.5- 36.5)	36.5 (32.0- 41.6)	~	25.8 (15.4- 41.5)
Los Angeles	31.5 (29.5- 33.5)	35.6 (33.2- 38.1)	20.6 (15.6- 26.9)	16.8 (13.6- 20.6)
Hawaii	21.9 (18.3- 26.1)	35.6 (26.4- 47.3)	~	-
Oregon	41.8 (38.6- 45.1)	41.6 (38.4- 45.1)	~	~
Washington	41.3 (38.8- 44.0)	41.7 (39.1- 44.5)	~	~
Seattle-Puget Sound	43.4 (40.2- 46.8)	45.1 (41.7- 48.8)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Includes invasive and *in situ*
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.18.1.1F: Cancer of the Urinary Bladder. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	9.4 (9.3- 9.6)	9.8 (9.7- 10.0)	6.5 (6.0- 6.9)	5.6 (5.1- 6.1)
Northeast	11.6 (11.3- 12.0)	12.2 (11.8- 12.6)	6.5 (5.6- 7.5)	8.2 (6.8- 9.8)
New England	12.4 (11.6- 13.1)	12.6 (11.9- 13.4)	7.4 (4.5- 11.4)	12.5 (7.7- 19.6)
Connecticut	12.8 (11.3- 14.4)	13.3 (11.7- 15.0)	~	~
Maine	11.4 (9.2- 14.1)	11.5 (9.3- 14.2)	~	~
Massachusetts	12.4 (11.3- 13.6)	12.8 (11.6- 14.0)	~	-
New Hampshire	11.9 (9.5- 14.9)	11.5 (9.1- 14.4)	~	-
Rhode Island	12.5 (9.9- 15.6)	12.7 (10.1- 16.0)	~	~
Vermont	12.7 (9.3- 17.2)	12.5 (9.1- 17.0)	~	~
Middle Atlantic	11.4 (11.0- 11.8)	12.1 (11.6- 12.5)	6.4 (5.5- 7.5)	7.6 (6.2- 9.3)
New Jersey	12.4 (11.4- 13.4)	13.1 (12.0- 14.2)	8.0 (5.7- 11.0)	9.1 (6.1- 13.3)
New York	10.6 (10.0- 11.2)	11.4 (10.7- 12.1)	6.0 (4.8- 7.4)	6.4 (4.9- 8.3)
Pennsylvania	11.9 (11.2- 12.7)	12.3 (11.5- 13.1)	6.3 (4.5- 8.6)	-
Midwest	9.7 (9.4- 10.0)	9.8 (9.5- 10.2)	8.1 (7.1- 9.2)	6.0 (4.0- 8.8)
East North Central	9.8 (9.4- 10.2)	10.0 (9.6- 10.4)	8.0 (6.9- 9.2)	6.8 (4.5- 10.1)
Illinois	9.7 (9.0- 10.5)	10.0 (9.2- 10.9)	8.3 (6.4- 10.6)	-
Indiana	8.7 (7.7- 9.7)	8.7 (7.7- 9.8)	8.6 (5.1- 13.6)	~
Michigan	10.5 (9.7- 11.4)	10.9 (10.0- 11.8)	6.8 (4.9- 9.3)	~
Detroit	11.3 (9.9- 12.8)	12.5 (10.9- 14.3)	7.4 (5.1- 10.3)	-
Ohio	9.7 (9.0- 10.5)	9.6 (8.8- 10.4)	8.5 (6.3- 11.2)	~
Wisconsin	10.4 (9.3- 11.6)	10.5 (9.3- 11.7)	~	~
West North Central	9.5 (8.9- 10.1)	9.5 (8.9- 10.1)	8.7 (6.1- 12.1)	~
Iowa	9.4 (8.0- 10.9)	9.4 (8.0- 10.9)	~	~
Kansas	9.4 (7.9- 11.1)	9.5 (8.0- 11.2)	~	~
Minnesota	9.9 (8.8- 11.2)	9.9 (8.8- 11.3)	~	~
Missouri	9.1 (8.2- 10.2)	9.2 (8.1- 10.3)	9.7 (6.4- 14.2)	~
Nebraska	10.0 (8.2- 12.2)	9.9 (8.1- 12.1)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	9.7 (6.7- 13.9)	~	10.2 (6.5- 15.8)	~
Florida	9.8 (9.3- 10.4)	10.4 (9.7- 11.0)	4.7 (3.4- 6.4)	-
Georgia	7.5 (6.7- 8.5)	8.0 (7.0- 9.1)	6.3 (4.7- 8.2)	~
Atlanta	8.5 (6.9- 10.4)	9.0 (7.0- 11.3)	8.1 (5.1- 12.4)	~
Maryland				
North Carolina	7.7 (6.9- 8.5)	8.3 (7.4- 9.3)	5.5 (4.0- 7.4)	~
South Carolina	7.3 (6.3- 8.6)	7.9 (6.6- 9.4)	5.6 (3.8- 8.0)	-
Virginia				
West Virginia	10.9 (9.1- 13.0)	10.7 (8.9- 12.9)	~	~
East South Central				
Alabama	7.5 (6.5- 8.7)	8.5 (7.3- 9.9)	3.8 (2.4- 5.8)	~
Kentucky	9.0 (7.9- 10.4)	9.2 (7.9- 10.5)	~	-
Mississippi				
Tennessee				

continued

Table 2.18.1.1F: Cancer of the Urinary Bladder. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	7.4 (7.0- 7.8)	7.6 (7.1- 8.1)	6.1 (5.0- 7.3)	4.2 (3.3- 5.3)
Arkansas	9.1 (7.7- 10.8)	9.2 (7.7- 11.0)	8.9 (5.2- 14.5)	~
Louisiana	7.8 (6.8- 9.0)	8.4 (7.1- 9.9)	6.3 (4.5- 8.7)	-
Oklahoma	7.7 (6.5- 9.0)	8.2 (6.9- 9.6)	~	~
Texas	6.9 (6.4- 7.5)	7.1 (6.5- 7.6)	5.7 (4.2- 7.5)	4.0 (3.1- 5.1)
West	8.4 (8.1- 8.7)	8.9 (8.6- 9.3)	6.1 (4.8- 7.7)	4.7 (4.0- 5.5)
Mountain	8.4 (7.8- 9.0)	8.6 (8.0- 9.3)	~	3.5 (2.3- 5.1)
Arizona	7.7 (6.7- 8.7)	8.0 (7.0- 9.2)	~	~
Colorado	9.4 (8.1- 10.9)	9.8 (8.4- 11.3)	~	~
Idaho	8.5 (6.5- 11.1)	8.7 (6.6- 11.3)	~	~
Montana	10.1 (7.5- 13.3)	10.2 (7.6- 13.5)	~	-
Nevada	11.9 (9.9- 14.3)	12.2 (10.0- 14.8)	~	-
New Mexico	6.0 (4.6- 7.8)	6.6 (5.0- 8.5)	~	~
Utah	6.3 (4.7- 8.2)	6.4 (4.8- 8.3)	~	~
Wyoming	6.4 (3.7- 10.5)	6.6 (3.8- 10.8)	~	~
Pacific	8.4 (8.1- 8.8)	9.1 (8.7- 9.5)	6.7 (5.2- 8.5)	5.1 (4.3- 6.1)
Alaska	~	~	~	-
California	8.0 (7.6- 8.4)	8.6 (8.1- 9.1)	6.9 (5.3- 8.8)	5.1 (4.2- 6.1)
San Francisco-Oakland	8.0 (6.9- 9.2)	9.8 (8.3- 11.5)	~	~
San Jose-Monterey	8.9 (7.2- 10.9)	9.5 (7.6- 11.8)	~	~
Los Angeles	7.1 (6.4- 7.9)	7.6 (6.7- 8.6)	7.5 (5.2- 10.5)	4.2 (3.0- 5.7)
Hawaii	5.2 (3.6- 7.2)	~	~	-
Oregon	10.7 (9.3- 12.3)	10.9 (9.4- 12.5)	~	~
Washington	10.2 (9.1- 11.4)	10.2 (9.1- 11.5)	~	~
Seattle-Puget Sound	10.3 (9.0- 11.8)	10.7 (9.3- 12.3)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Includes invasive and *in situ*
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.18.1.2M: Cancer of the Urinary Bladder. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	7.5 (7.4- 7.7)	7.9 (7.7- 8.1)	5.1 (4.6- 5.6)	3.9 (3.4- 4.5)
Northeast	8.5 (8.2- 8.9)	8.9 (8.5- 9.4)	5.4 (4.2- 6.8)	3.8 (2.5- 5.6)
New England	9.3 (8.5- 10.1)	9.5 (8.7- 10.4)	~	~
Connecticut	7.0 (5.7- 8.5)	7.3 (6.0- 8.9)	~	~
Maine	9.9 (7.6- 12.8)	10.0 (7.6- 13.0)	~	~
Massachusetts	9.9 (8.7- 11.2)	10.1 (8.9- 11.5)	~	~
New Hampshire	11.7 (8.7- 15.3)	11.8 (8.8- 15.5)	~	~
Rhode Island	10.4 (7.7- 13.9)	10.8 (8.0- 14.4)	~	~
Vermont	8.4 (5.2- 13.2)	8.5 (5.2- 13.3)	~	~
Middle Atlantic	8.3 (7.8- 8.7)	8.7 (8.2- 9.2)	5.4 (4.2- 6.9)	3.8 (2.4- 5.7)
New Jersey	8.1 (7.2- 9.2)	8.6 (7.5- 9.7)	~	~
New York	8.6 (7.9- 9.3)	9.3 (8.6- 10.1)	4.5 (3.1- 6.5)	4.2 (2.5- 6.8)
Pennsylvania	7.9 (7.2- 8.7)	8.1 (7.3- 8.9)	7.6 (4.8- 11.6)	~
Midwest	8.0 (7.7- 8.4)	8.2 (7.9- 8.6)	5.7 (4.5- 7.0)	~
East North Central	8.4 (8.0- 8.8)	8.7 (8.2- 9.2)	5.5 (4.3- 7.0)	~
Illinois	7.3 (6.5- 8.1)	7.7 (6.9- 8.7)	4.2 (2.5- 6.9)	~
Indiana	8.2 (7.0- 9.5)	8.4 (7.2- 9.7)	~	~
Michigan	8.9 (8.0- 9.9)	9.5 (8.5- 10.6)	~	~
Ohio	9.1 (8.3- 10.1)	9.3 (8.4- 10.3)	8.5 (5.6- 12.5)	~
Wisconsin	8.5 (7.3- 9.8)	8.5 (7.3- 9.8)	~	~
West North Central	7.2 (6.6- 7.8)	7.2 (6.6- 7.9)	6.7 (3.7- 11.3)	~
Iowa	5.8 (4.6- 7.2)	5.8 (4.6- 7.3)	~	~
Kansas	9.2 (7.5- 11.1)	9.1 (7.4- 11.1)	~	~
Minnesota	7.4 (6.2- 8.7)	7.4 (6.2- 8.8)	~	~
Missouri	6.9 (5.8- 8.0)	6.9 (5.9- 8.2)	~	~
Nebraska	6.8 (5.1- 9.0)	7.0 (5.2- 9.2)	~	~
North Dakota	8.6 (5.7- 12.6)	8.4 (5.5- 12.4)	~	~
South Dakota	7.0 (4.5- 10.3)	6.9 (4.4- 10.3)	~	~
South	6.8 (6.6- 7.1)	7.2 (6.9- 7.5)	4.9 (4.3- 5.7)	4.4 (3.5- 5.5)
South Atlantic	7.1 (6.7- 7.5)	7.4 (7.0- 7.8)	5.2 (4.3- 6.2)	5.1 (3.7- 6.8)
Delaware	7.6 (4.8- 11.8)	7.9 (4.8- 12.4)	~	~
District of Columbia	~	~	~	~
Florida	7.2 (6.6- 7.7)	7.4 (6.9- 8.0)	4.1 (2.6- 6.4)	5.9 (4.3- 7.9)
Georgia	6.8 (5.7- 7.9)	6.9 (5.7- 8.2)	6.6 (4.4- 9.6)	~
Maryland	7.6 (6.4- 9.1)	8.6 (7.2- 10.3)	~	~
North Carolina	6.5 (5.6- 7.6)	6.6 (5.6- 7.7)	6.7 (4.4- 9.9)	~
South Carolina	8.0 (6.6- 9.8)	9.2 (7.4- 11.3)	~	~
Virginia	7.1 (6.0- 8.3)	7.6 (6.4- 9.0)	5.2 (2.9- 8.6)	~
West Virginia	7.0 (5.3- 9.2)	7.2 (5.5- 9.5)	~	~
East South Central	6.7 (6.1- 7.4)	7.1 (6.4- 7.9)	4.4 (3.1- 6.0)	~
Alabama	6.0 (4.9- 7.3)	6.5 (5.2- 8.0)	~	~
Kentucky	7.2 (5.9- 8.7)	7.1 (5.8- 8.7)	~	~
Mississippi	4.8 (3.6- 6.4)	5.5 (3.9- 7.5)	~	~
Tennessee	7.9 (6.7- 9.3)	8.3 (7.0- 9.8)	~	~
West South Central	6.4 (5.9- 6.9)	6.6 (6.1- 7.2)	5.1 (3.8- 6.7)	3.9 (2.8- 5.4)
Arkansas	6.8 (5.4- 8.6)	7.1 (5.5- 8.9)	~	~

continued

Table 2.18.1.2M: Cancer of the Urinary Bladder. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	6.7 (5.4- 8.2)	6.9 (5.5- 8.7)	6.1 (3.8- 9.5)	~
Oklahoma	7.7 (6.3- 9.3)	8.3 (6.7- 10.0)	~	~
Texas	6.0 (5.4- 6.6)	6.1 (5.5- 6.8)	4.6 (2.9- 7.1)	3.9 (2.7- 5.4)
West	7.2 (6.8- 7.5)	7.6 (7.2- 8.0)	4.4 (3.1- 6.2)	3.5 (2.7- 4.5)
Mountain	7.1 (6.4- 7.7)	7.2 (6.6- 7.9)	~	4.6 (2.9- 7.0)
Arizona	6.9 (5.8- 8.1)	7.1 (6.0- 8.4)	~	~
Colorado	6.3 (5.0- 7.9)	6.2 (4.9- 7.8)	~	~
Idaho	7.6 (5.4- 10.5)	7.6 (5.4- 10.5)	~	~
Montana	9.4 (6.7- 12.9)	9.7 (6.9- 13.3)	~	~
Nevada	10.3 (8.0- 13.2)	11.1 (8.6- 14.2)	~	~
New Mexico	6.3 (4.5- 8.6)	6.3 (4.5- 8.6)	~	~
Utah	5.1 (3.5- 7.3)	5.1 (3.5- 7.3)	~	~
Wyoming	~	~	~	~
Pacific	7.2 (6.8- 7.6)	7.8 (7.3- 8.2)	4.6 (3.2- 6.6)	3.1 (2.3- 4.2)
Alaska	~	~	~	~
California	6.8 (6.4- 7.3)	7.4 (6.8- 7.9)	4.7 (3.2- 6.8)	3.2 (2.3- 4.4)
Hawaii	5.0 (3.4- 7.3)	~	~	~
Oregon	8.8 (7.3- 10.5)	9.0 (7.5- 10.7)	~	~
Washington	8.5 (7.3- 9.8)	8.7 (7.4- 10.0)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.18.1.2F: Cancer of the Urinary Bladder. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	2.2 (2.2- 2.3)	2.2 (2.1- 2.3)	2.9 (2.6- 3.2)	1.4 (1.1- 1.6)
Northeast	2.5 (2.4- 2.7)	2.5 (2.3- 2.7)	3.2 (2.5- 3.9)	~
New England	2.6 (2.3- 3.0)	2.7 (2.3- 3.0)	~	~
Connecticut	2.0 (1.5- 2.7)	2.1 (1.5- 2.8)	~	~
Maine	3.5 (2.4- 5.2)	3.6 (2.4- 5.3)	~	~
Massachusetts	2.7 (2.2- 3.3)	2.7 (2.2- 3.3)	~	~
New Hampshire	2.2 (1.3- 3.7)	2.2 (1.3- 3.8)	~	~
Rhode Island	3.0 (1.9- 4.7)	3.1 (1.9- 5.0)	~	~
Vermont	~	~	~	~
Middle Atlantic	2.5 (2.3- 2.7)	2.4 (2.2- 2.7)	3.3 (2.6- 4.0)	~
New Jersey	2.9 (2.4- 3.4)	2.8 (2.4- 3.4)	3.3 (1.9- 5.3)	~
New York	2.4 (2.1- 2.7)	2.4 (2.1- 2.7)	3.0 (2.2- 4.1)	~
Pennsylvania	2.4 (2.1- 2.7)	2.3 (2.0- 2.6)	3.7 (2.3- 5.5)	~
Midwest	2.2 (2.1- 2.3)	2.2 (2.0- 2.3)	3.0 (2.4- 3.7)	~
East North Central	2.3 (2.2- 2.5)	2.3 (2.1- 2.5)	3.1 (2.5- 4.0)	~
Illinois	2.4 (2.0- 2.8)	2.2 (1.9- 2.6)	3.9 (2.6- 5.5)	~
Indiana	2.0 (1.5- 2.5)	1.9 (1.5- 2.4)	~	~
Michigan	2.2 (1.8- 2.6)	2.2 (1.8- 2.7)	~	~
Ohio	2.4 (2.1- 2.8)	2.3 (2.0- 2.8)	3.5 (2.2- 5.4)	~
Wisconsin	2.7 (2.2- 3.4)	2.7 (2.2- 3.4)	~	~
West North Central	1.9 (1.7- 2.2)	1.9 (1.7- 2.2)	~	~
Iowa	2.0 (1.5- 2.8)	2.1 (1.5- 2.9)	~	~
Kansas	1.9 (1.3- 2.7)	1.9 (1.3- 2.7)	~	~
Minnesota	1.6 (1.2- 2.2)	1.7 (1.2- 2.2)	~	~
Missouri	2.1 (1.7- 2.7)	2.2 (1.7- 2.7)	~	~
Nebraska	1.9 (1.2- 2.9)	1.8 (1.1- 2.9)	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	2.2 (2.1- 2.3)	2.1 (2.0- 2.2)	2.8 (2.5- 3.2)	1.5 (1.1- 2.0)
South Atlantic	2.2 (2.1- 2.4)	2.1 (2.0- 2.3)	3.0 (2.5- 3.5)	1.9 (1.3- 2.7)
Delaware	~	~	~	~
District of Columbia	~	~	~	~
Florida	2.0 (1.7- 2.2)	1.9 (1.6- 2.1)	3.4 (2.3- 4.8)	1.9 (1.3- 2.9)
Georgia	2.6 (2.2- 3.2)	2.4 (1.9- 3.1)	3.6 (2.4- 5.1)	~
Maryland	2.7 (2.2- 3.4)	2.7 (2.1- 3.5)	2.8 (1.6- 4.6)	~
North Carolina	2.0 (1.6- 2.4)	2.0 (1.5- 2.5)	2.1 (1.2- 3.3)	~
South Carolina	1.7 (1.2- 2.3)	1.5 (1.0- 2.2)	~	~
Virginia	2.5 (2.1- 3.1)	2.5 (2.0- 3.1)	3.1 (1.9- 4.9)	~
West Virginia	3.6 (2.6- 4.9)	3.7 (2.7- 5.0)	~	~
East South Central	2.1 (1.9- 2.4)	2.1 (1.8- 2.4)	2.3 (1.6- 3.2)	~
Alabama	1.6 (1.2- 2.2)	1.7 (1.2- 2.4)	~	~
Kentucky	2.3 (1.7- 3.0)	2.2 (1.7- 3.0)	~	~
Mississippi	1.8 (1.2- 2.6)	2.0 (1.3- 3.0)	~	~
Tennessee	2.6 (2.1- 3.2)	2.3 (1.8- 2.9)	4.6 (2.7- 7.3)	~
West South Central	2.1 (1.9- 2.3)	2.0 (1.8- 2.3)	2.9 (2.2- 3.8)	1.1 (0.7- 1.8)
Arkansas	2.0 (1.4- 2.9)	2.1 (1.5- 3.1)	~	~

continued

Table 2.18.1.2F: Cancer of the Urinary Bladder. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	2.1 (1.6- 2.8)	1.7 (1.2- 2.4)	3.4 (2.1- 5.3)	~
Oklahoma	2.3 (1.7- 3.1)	2.4 (1.8- 3.3)	~	~
Texas	2.0 (1.8- 2.3)	2.0 (1.7- 2.3)	2.9 (1.9- 4.2)	1.2 (0.7- 1.9)
West	2.2 (2.0- 2.3)	2.3 (2.1- 2.4)	2.5 (1.7- 3.6)	1.4 (1.0- 1.9)
Mountain	2.3 (2.0- 2.6)	2.3 (2.0- 2.6)	~	~
Arizona	2.1 (1.6- 2.7)	2.0 (1.5- 2.6)	~	~
Colorado	2.3 (1.7- 3.1)	2.4 (1.7- 3.2)	~	~
Idaho	3.4 (2.2- 5.2)	3.5 (2.2- 5.3)	~	~
Montana	~	~	~	~
Nevada	2.9 (1.9- 4.2)	3.0 (2.0- 4.5)	~	~
New Mexico	2.2 (1.4- 3.4)	2.4 (1.5- 3.6)	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	2.1 (2.0- 2.3)	2.2 (2.0- 2.4)	2.7 (1.8- 4.0)	1.3 (0.9- 1.9)
Alaska	~	~	~	~
California	2.2 (1.9- 2.4)	2.2 (2.0- 2.5)	2.6 (1.7- 3.9)	1.4 (0.9- 2.0)
Hawaii	~	~	~	~
Oregon	2.1 (1.6- 2.9)	2.1 (1.6- 2.9)	~	~
Washington	2.2 (1.7- 2.7)	2.2 (1.7- 2.8)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.19.1.1M: Cancer of the Kidney and Renal Pelvis. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	17.3 (17.0- 17.5)	17.3 (17.1- 17.6)	18.5 (17.6- 19.4)	16.2 (15.3- 17.2)
Northeast	18.6 (18.0- 19.1)	18.7 (18.2- 19.3)	16.5 (14.8- 18.5)	15.5 (13.2- 18.2)
New England	18.2 (17.1- 19.2)	18.2 (17.1- 19.3)	15.5 (10.7- 22.7)	22.6 (15.4- 33.4)
Connecticut	18.8 (16.7- 21.0)	18.7 (16.6- 21.1)	15.5 (8.3- 29.9)	25.5 (13.7- 47.3)
Maine	20.7 (17.3- 24.5)	20.7 (17.4- 24.6)	~	~
Massachusetts	18.2 (16.7- 19.8)	18.2 (16.7- 19.9)	16.1 (9.5- 27.4)	-
New Hampshire	11.6 (8.9- 14.9)	11.8 (9.1- 15.1)	~	-
Rhode Island	23.5 (19.4- 28.3)	23.8 (19.5- 28.7)	~	~
Vermont	12.0 (8.3- 17.0)	11.8 (8.2- 16.8)	~	~
Middle Atlantic	18.7 (18.1- 19.4)	18.9 (18.3- 19.6)	16.6 (14.8- 18.7)	14.5 (12.2- 17.4)
New Jersey	19.1 (17.7- 20.5)	19.9 (18.4- 21.5)	15.8 (11.9- 21.0)	18.6 (13.1- 26.2)
New York	18.0 (17.1- 18.9)	18.7 (17.7- 19.7)	12.2 (10.1- 14.6)	12.4 (9.9- 15.7)
Pennsylvania	19.5 (18.4- 20.7)	18.7 (17.6- 19.9)	27.9 (23.0- 33.8)	-
Midwest	17.5 (17.0- 18.0)	17.2 (16.7- 17.7)	21.1 (19.1- 23.3)	15.7 (12.5- 19.8)
East North Central	17.4 (16.8- 18.0)	17.0 (16.4- 17.6)	21.4 (19.3- 23.8)	14.3 (11.1- 18.8)
Illinois	18.7 (17.6- 19.9)	18.6 (17.4- 20.0)	20.5 (16.9- 24.7)	-
Indiana	19.5 (17.9- 21.3)	19.5 (17.8- 21.4)	19.8 (13.0- 29.3)	~
Michigan	16.5 (15.3- 17.8)	15.6 (14.3- 16.9)	24.8 (20.4- 30.1)	21.6 (11.3- 41.6)
Detroit	19.1 (17.1- 21.3)	17.5 (15.3- 19.9)	26.2 (21.0- 32.6)	-
Ohio	15.4 (14.4- 16.5)	14.9 (13.8- 16.1)	18.3 (14.5- 23.0)	~
Wisconsin	18.1 (16.4- 19.8)	17.6 (16.0- 19.4)	30.6 (18.0- 52.8)	~
West North Central	17.7 (16.8- 18.7)	17.6 (16.6- 18.5)	19.2 (14.6- 25.2)	21.0 (12.5- 34.9)
Iowa	16.3 (14.3- 18.5)	16.5 (14.5- 18.8)	~	~
Kansas	18.1 (15.8- 20.7)	18.2 (15.8- 20.9)	~	~
Minnesota	18.4 (16.7- 20.4)	17.8 (16.0- 19.7)	~	~
Missouri	18.2 (16.6- 20.0)	18.3 (16.6- 20.1)	18.3 (12.8- 26.1)	~
Nebraska	16.3 (13.6- 19.4)	15.9 (13.2- 19.1)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	17.8 (12.8- 24.3)	~	17.8 (11.7- 26.4)	~
Florida	17.5 (16.6- 18.4)	17.6 (16.7- 18.6)	15.5 (12.7- 18.9)	-
Georgia	16.3 (14.9- 17.9)	15.8 (14.2- 17.6)	18.8 (15.4- 23.0)	~
Atlanta	17.3 (14.5- 20.5)	16.4 (13.3- 20.2)	20.7 (14.5- 29.4)	~
Maryland				
North Carolina	17.2 (15.8- 18.7)	17.2 (15.7- 18.8)	16.8 (13.6- 20.8)	~
South Carolina	17.5 (15.5- 19.6)	16.4 (14.2- 18.8)	19.3 (15.1- 24.6)	-
Virginia				
West Virginia	18.0 (15.4- 21.0)	18.3 (15.6- 21.4)	~	~
East South Central				
Alabama	16.1 (14.4- 18.0)	16.0 (14.1- 18.1)	16.5 (12.5- 21.4)	~
Kentucky	21.5 (19.4- 23.8)	21.6 (19.4- 24.0)	18.9 (11.7- 30.4)	-
Mississippi				
Tennessee				

continued

Table 2.19.1.1M: Cancer of the Kidney and Renal Pelvis. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	18.2 (17.5- 19.0)	18.2 (17.4- 19.0)	20.5 (18.1- 23.2)	19.5 (17.4- 22.0)
Arkansas	17.0 (14.9- 19.5)	16.6 (14.3- 19.2)	20.3 (13.3- 30.1)	~
Louisiana	21.9 (19.8- 24.2)	22.4 (19.9- 25.1)	22.0 (17.7- 27.0)	-
Oklahoma	16.1 (14.2- 18.3)	15.8 (13.8- 18.1)	22.7 (12.9- 38.0)	~
Texas	18.0 (17.1- 19.0)	18.1 (17.1- 19.1)	19.3 (16.1- 23.1)	19.9 (17.7- 22.4)
West	15.2 (14.7- 15.6)	15.6 (15.1- 16.1)	18.1 (15.6- 21.2)	15.5 (14.1- 17.1)
Mountain	16.3 (15.4- 17.2)	16.1 (15.2- 17.1)	14.6 (9.7- 23.0)	17.0 (14.3- 20.2)
Arizona	16.5 (14.9- 18.2)	16.0 (14.4- 17.8)	~	21.4 (16.1- 28.8)
Colorado	15.4 (13.6- 17.5)	15.6 (13.7- 17.7)	~	14.5 (9.6- 22.7)
Idaho	16.6 (13.5- 20.4)	16.5 (13.3- 20.3)	~	~
Montana	15.7 (12.3- 19.9)	15.4 (11.9- 19.6)	~	-
Nevada	18.9 (16.2- 22.0)	18.7 (15.9- 22.1)	~	-
New Mexico	17.3 (14.6- 20.5)	17.6 (14.7- 21.0)	~	15.6 (11.2- 21.7)
Utah	14.0 (11.5- 17.0)	14.2 (11.6- 17.2)	~	~
Wyoming	14.5 (10.0- 20.7)	14.1 (9.7- 20.2)	~	~
Pacific	14.7 (14.1- 15.2)	15.3 (14.7- 16.0)	18.7 (15.8- 22.1)	15.0 (13.4- 16.9)
Alaska	22.8 (15.6- 33.4)	21.5 (13.6- 33.9)	~	-
California	14.1 (13.5- 14.7)	15.0 (14.3- 15.7)	17.3 (14.4- 20.8)	15.1 (13.4- 16.9)
San Francisco-Oakland	12.7 (11.1- 14.4)	13.7 (11.8- 16.0)	13.6 (8.4- 21.6)	17.3 (11.4- 26.1)
San Jose-Monterey	11.3 (9.2- 13.8)	13.3 (10.8- 16.4)	~	13.3 (8.2- 22.6)
Los Angeles	15.4 (14.1- 16.8)	16.6 (15.1- 18.3)	22.1 (17.2- 28.3)	16.1 (13.4- 19.3)
Hawaii	12.6 (9.9- 15.8)	17.3 (11.3- 25.8)	~	-
Oregon	15.2 (13.4- 17.2)	14.4 (12.6- 16.4)	~	~
Washington	17.5 (16.0- 19.3)	17.2 (15.6- 19.0)	~	~
Seattle-Puget Sound	18.9 (16.9- 21.1)	18.7 (16.6- 21.1)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.19.1.1F: Cancer of the Kidney and Renal Pelvis. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	8.9 (8.8- 9.1)	9.0 (8.8- 9.2)	9.1 (8.6- 9.6)	9.1 (8.5- 9.7)
Northeast	9.2 (8.9- 9.6)	9.4 (9.0- 9.8)	7.4 (6.5- 8.4)	7.9 (6.6- 9.4)
New England	9.4 (8.8- 10.1)	9.5 (8.8- 10.3)	8.1 (5.3- 12.0)	11.4 (7.4- 17.5)
Connecticut	9.8 (8.4- 11.3)	10.0 (8.6- 11.6)	~	~
Maine	9.5 (7.5- 12.0)	9.6 (7.6- 12.2)	~	~
Massachusetts	9.5 (8.6- 10.6)	9.6 (8.6- 10.7)	~	-
New Hampshire	8.3 (6.2- 10.8)	8.4 (6.3- 11.0)	~	-
Rhode Island	8.6 (6.4- 11.4)	8.4 (6.2- 11.3)	~	~
Vermont	9.5 (6.6- 13.7)	9.7 (6.6- 13.8)	~	~
Middle Atlantic	9.1 (8.8- 9.5)	9.3 (8.9- 9.8)	7.3 (6.3- 8.4)	7.4 (6.0- 8.9)
New Jersey	9.4 (8.6- 10.3)	9.4 (8.5- 10.4)	9.3 (6.9- 12.3)	7.7 (5.0- 11.5)
New York	8.6 (8.1- 9.2)	9.0 (8.4- 9.7)	6.3 (5.2- 7.7)	6.5 (5.1- 8.3)
Pennsylvania	9.6 (9.0- 10.4)	9.7 (9.0- 10.5)	7.9 (5.9- 10.4)	-
Midwest	9.5 (9.2- 9.9)	9.4 (9.1- 9.8)	10.4 (9.3- 11.7)	10.5 (8.1- 13.6)
East North Central	9.6 (9.2- 10.0)	9.4 (9.0- 9.8)	10.9 (9.7- 12.4)	9.7 (7.1- 13.0)
Illinois	9.9 (9.1- 10.7)	9.8 (9.0- 10.7)	11.1 (9.0- 13.7)	-
Indiana	10.8 (9.7- 12.0)	10.8 (9.7- 12.0)	11.5 (7.5- 17.0)	~
Michigan	9.0 (8.2- 9.8)	8.5 (7.7- 9.4)	12.1 (9.5- 15.2)	~
Detroit	9.8 (8.6- 11.2)	9.1 (7.8- 10.7)	12.9 (9.9- 16.6)	-
Ohio	9.3 (8.6- 10.1)	9.2 (8.4- 10.0)	9.7 (7.4- 12.5)	~
Wisconsin	9.4 (8.3- 10.6)	9.2 (8.2- 10.4)	~	~
West North Central	9.4 (8.8- 10.0)	9.5 (8.8- 10.1)	7.5 (5.1- 10.6)	14.2 (8.1- 23.9)
Iowa	9.4 (8.0- 11.0)	9.5 (8.1- 11.2)	~	~
Kansas	11.4 (9.8- 13.3)	11.5 (9.8- 13.5)	~	~
Minnesota	8.7 (7.5- 9.9)	8.3 (7.2- 9.5)	~	~
Missouri	8.9 (7.9- 10.0)	9.3 (8.2- 10.5)	5.9 (3.4- 9.5)	~
Nebraska	10.3 (8.3- 12.6)	10.4 (8.4- 12.8)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	8.8 (5.8- 13.1)	~	9.8 (6.1- 15.6)	~
Florida	8.2 (7.6- 8.7)	8.3 (7.7- 8.9)	6.9 (5.3- 8.7)	-
Georgia	8.4 (7.5- 9.4)	8.0 (7.0- 9.1)	9.7 (7.8- 11.9)	~
Atlanta	6.3 (5.0- 8.0)	6.1 (4.5- 8.1)	7.1 (4.4- 10.9)	~
Maryland				
North Carolina	8.4 (7.5- 9.3)	8.1 (7.2- 9.1)	9.4 (7.5- 11.8)	~
South Carolina	8.8 (7.6- 10.2)	8.7 (7.3- 10.3)	9.4 (7.0- 12.3)	-
Virginia				
West Virginia	10.2 (8.4- 12.3)	9.9 (8.1- 12.0)	~	~
East South Central				
Alabama	8.1 (7.1- 9.3)	8.1 (6.9- 9.4)	8.4 (6.1- 11.2)	~
Kentucky	10.2 (8.9- 11.6)	10.0 (8.7- 11.4)	12.7 (7.5- 20.2)	-
Mississippi				
Tennessee				

continued

Table 2.19.1.1F: Cancer of the Kidney and Renal Pelvis. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	10.0 (9.6- 10.6)	10.0 (9.5- 10.5)	11.0 (9.5- 12.6)	11.5 (10.1- 13.1)
Arkansas	9.4 (7.9- 11.0)	9.6 (8.0- 11.4)	8.4 (4.8- 13.8)	~
Louisiana	11.2 (9.9- 12.6)	11.6 (10.0- 13.4)	10.4 (8.0- 13.2)	-
Oklahoma	8.7 (7.4- 10.1)	8.8 (7.4- 10.3)	~	~
Texas	10.2 (9.6- 10.8)	10.0 (9.4- 10.7)	12.1 (10.0- 14.5)	11.7 (10.2- 13.3)
West	7.7 (7.4- 8.0)	8.0 (7.7- 8.3)	7.8 (6.3- 9.4)	8.8 (7.8- 9.7)
Mountain	8.6 (8.0- 9.2)	8.7 (8.1- 9.4)	~	8.0 (6.3- 10.1)
Arizona	9.2 (8.1- 10.4)	9.2 (8.0- 10.4)	~	9.6 (6.5- 14.0)
Colorado	8.8 (7.6- 10.2)	9.1 (7.8- 10.6)	~	9.2 (5.3- 15.1)
Idaho	8.3 (6.3- 10.9)	8.5 (6.4- 11.1)	~	~
Montana	6.8 (4.8- 9.5)	6.9 (4.8- 9.8)	~	-
Nevada	8.4 (6.7- 10.4)	9.0 (7.1- 11.2)	~	-
New Mexico	6.5 (5.0- 8.4)	6.0 (4.5- 7.9)	~	6.9 (4.3- 10.8)
Utah	9.2 (7.3- 11.5)	9.3 (7.4- 11.6)	~	~
Wyoming	10.5 (6.9- 15.4)	10.7 (7.0- 15.8)	~	~
Pacific	7.3 (7.0- 7.7)	7.7 (7.3- 8.1)	8.3 (6.7- 10.2)	9.0 (7.9- 10.2)
Alaska	~	~	~	-
California	7.0 (6.6- 7.4)	7.4 (6.9- 7.9)	8.1 (6.5- 10.0)	9.0 (7.9- 10.2)
San Francisco-Oakland	6.5 (5.5- 7.6)	6.7 (5.5- 8.2)	7.9 (4.6- 12.9)	7.3 (4.2- 12.0)
San Jose-Monterey	7.1 (5.6- 8.9)	7.8 (6.0- 9.9)	~	16.8 (11.0- 24.9)
Los Angeles	7.8 (7.0- 8.6)	8.3 (7.3- 9.3)	9.7 (7.1- 12.9)	7.4 (5.9- 9.1)
Hawaii	6.3 (4.5- 8.5)	12.3 (7.3- 20.1)	~	-
Oregon	7.6 (6.4- 8.9)	7.7 (6.5- 9.1)	~	~
Washington	8.9 (7.9- 10.0)	8.8 (7.7- 10.0)	~	~
Seattle-Puget Sound	8.6 (7.4- 10.0)	8.5 (7.2- 9.9)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.19.1.2M: Cancer of the Kidney and Renal Pelvis. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	6.2 (6.1- 6.4)	6.3 (6.1- 6.4)	6.4 (5.9- 7.0)	5.6 (5.0- 6.2)
Northeast	5.7 (5.4- 6.0)	5.8 (5.5- 6.2)	5.5 (4.5- 6.9)	2.9 (1.9- 4.4)
New England	5.9 (5.3- 6.5)	5.9 (5.3- 6.5)	~	~
Connecticut	6.3 (5.1- 7.6)	6.2 (5.0- 7.6)	~	~
Maine	6.4 (4.6- 8.9)	6.3 (4.5- 8.8)	~	~
Massachusetts	5.8 (5.0- 6.8)	5.9 (5.0- 6.9)	~	~
New Hampshire	4.5 (2.9- 6.9)	4.6 (2.9- 7.0)	~	~
Rhode Island	6.2 (4.2- 9.0)	6.3 (4.2- 9.1)	~	~
Vermont	~	~	~	~
Middle Atlantic	5.6 (5.3- 6.0)	5.8 (5.4- 6.2)	5.4 (4.3- 6.8)	3.2 (2.1- 4.9)
New Jersey	5.9 (5.1- 6.7)	6.0 (5.2- 6.9)	5.9 (3.5- 9.7)	~
New York	5.2 (4.7- 5.7)	5.5 (5.0- 6.1)	4.0 (2.7- 5.7)	2.9 (1.6- 5.0)
Pennsylvania	6.1 (5.5- 6.8)	6.0 (5.4- 6.7)	8.2 (5.5- 12.1)	~
Midwest	7.0 (6.7- 7.4)	7.1 (6.7- 7.4)	7.4 (6.2- 8.9)	6.5 (4.1- 10.0)
East North Central	7.1 (6.7- 7.5)	7.1 (6.7- 7.5)	7.1 (5.8- 8.6)	6.6 (3.9- 10.7)
Illinois	6.6 (5.9- 7.3)	6.7 (6.0- 7.5)	6.4 (4.5- 9.1)	~
Indiana	7.8 (6.8- 9.0)	7.7 (6.6- 8.9)	11.6 (6.5- 19.8)	~
Michigan	6.9 (6.2- 7.8)	7.1 (6.2- 8.0)	6.5 (4.2- 9.7)	~
Ohio	7.5 (6.8- 8.3)	7.5 (6.8- 8.4)	7.8 (5.2- 11.4)	~
Wisconsin	6.5 (5.5- 7.6)	6.7 (5.7- 7.8)	~	~
West North Central	7.0 (6.4- 7.6)	6.9 (6.3- 7.5)	9.4 (6.2- 14.1)	~
Iowa	8.6 (7.2- 10.3)	8.7 (7.2- 10.4)	~	~
Kansas	7.5 (6.0- 9.3)	7.5 (5.9- 9.3)	~	~
Minnesota	5.6 (4.6- 6.7)	5.6 (4.6- 6.7)	~	~
Missouri	7.2 (6.2- 8.3)	6.9 (5.9- 8.1)	8.4 (4.8- 14.3)	~
Nebraska	6.0 (4.4- 8.1)	5.5 (4.0- 7.5)	~	~
North Dakota	6.6 (4.1- 10.1)	6.7 (4.2- 10.5)	~	~
South Dakota	7.5 (5.0- 11.0)	7.6 (4.9- 11.2)	~	~
South	6.3 (6.1- 6.6)	6.4 (6.1- 6.6)	6.4 (5.7- 7.1)	6.6 (5.7- 7.8)
South Atlantic	5.9 (5.6- 6.2)	5.9 (5.6- 6.3)	6.3 (5.4- 7.3)	5.2 (3.9- 6.8)
Delaware	7.3 (4.6- 11.2)	7.6 (4.7- 11.9)	~	~
District of Columbia	~	~	~	~
Florida	5.4 (4.9- 5.9)	5.6 (5.1- 6.2)	3.2 (1.9- 5.2)	5.8 (4.4- 7.6)
Georgia	4.7 (4.0- 5.6)	4.8 (3.9- 5.8)	4.9 (3.2- 7.4)	~
Maryland	6.6 (5.6- 7.9)	7.0 (5.8- 8.5)	6.2 (3.8- 10.0)	~
North Carolina	7.4 (6.4- 8.4)	7.3 (6.3- 8.4)	8.6 (6.1- 11.8)	~
South Carolina	6.0 (4.9- 7.5)	6.1 (4.8- 7.7)	6.4 (3.9- 10.0)	~
Virginia	6.2 (5.3- 7.3)	5.9 (4.9- 7.0)	9.0 (6.2- 12.8)	~
West Virginia	6.2 (4.7- 8.2)	6.3 (4.7- 8.3)	~	~
East South Central	6.6 (6.0- 7.2)	6.6 (6.0- 7.3)	6.6 (5.1- 8.5)	~
Alabama	5.5 (4.5- 6.8)	5.9 (4.7- 7.3)	~	~
Kentucky	7.4 (6.1- 8.8)	7.4 (6.1- 8.9)	~	~
Mississippi	7.4 (5.9- 9.2)	7.0 (5.3- 9.1)	8.4 (5.3- 12.6)	~
Tennessee	6.5 (5.5- 7.6)	6.4 (5.3- 7.6)	7.7 (4.6- 12.4)	~
West South Central	7.0 (6.5- 7.5)	7.1 (6.6- 7.6)	6.6 (5.2- 8.2)	8.0 (6.5- 9.7)
Arkansas	5.0 (3.9- 6.5)	4.9 (3.7- 6.5)	~	~

continued

Table 2.19.1.2M: Cancer of the Kidney and Renal Pelvis. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	7.9 (6.6- 9.3)	7.9 (6.4- 9.6)	7.9 (5.5- 11.2)	~
Oklahoma	7.0 (5.8- 8.5)	6.6 (5.3- 8.2)	~	~
Texas	7.2 (6.6- 7.8)	7.4 (6.8- 8.1)	5.7 (4.0- 8.0)	8.1 (6.6- 9.9)
West	5.6 (5.3- 5.9)	5.7 (5.4- 6.1)	6.6 (5.1- 8.6)	5.5 (4.6- 6.5)
Mountain	5.6 (5.1- 6.2)	5.6 (5.0- 6.2)	~	6.4 (4.7- 8.8)
Arizona	5.9 (5.0- 7.0)	5.7 (4.7- 6.8)	~	7.3 (4.1- 13.0)
Colorado	5.9 (4.7- 7.3)	6.1 (4.9- 7.6)	~	~
Idaho	6.0 (4.1- 8.5)	5.8 (3.9- 8.2)	~	~
Montana	6.5 (4.4- 9.5)	6.6 (4.4- 9.6)	~	~
Nevada	5.4 (3.9- 7.5)	5.4 (3.8- 7.6)	~	~
New Mexico	6.9 (5.1- 9.1)	6.8 (5.0- 9.2)	~	~
Utah	3.0 (1.9- 4.7)	3.1 (2.0- 4.8)	~	~
Wyoming	~	~	~	~
Pacific	5.6 (5.2- 5.9)	5.8 (5.4- 6.2)	7.3 (5.6- 9.7)	5.1 (4.1- 6.3)
Alaska	~	~	~	~
California	5.4 (5.0- 5.8)	5.7 (5.2- 6.1)	6.7 (4.9- 9.1)	5.3 (4.2- 6.6)
Hawaii	3.4 (2.1- 5.3)	~	~	~
Oregon	5.8 (4.6- 7.1)	5.8 (4.6- 7.2)	~	~
Washington	6.7 (5.7- 7.9)	6.9 (5.8- 8.1)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.19.1.2F: Cancer of the Kidney and Renal Pelvis. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	2.8 (2.7- 2.9)	2.8 (2.7- 2.9)	2.8 (2.6- 3.1)	2.2 (1.9- 2.6)
Northeast	2.7 (2.5- 2.9)	2.8 (2.6- 3.0)	2.2 (1.7- 2.8)	2.0 (1.4- 2.9)
New England	2.6 (2.2- 2.9)	2.6 (2.3- 3.0)	~	~
Connecticut	2.0 (1.4- 2.7)	2.1 (1.5- 2.8)	~	~
Maine	2.7 (1.7- 4.2)	2.7 (1.7- 4.3)	~	~
Massachusetts	2.7 (2.2- 3.3)	2.8 (2.3- 3.4)	~	~
New Hampshire	2.7 (1.6- 4.2)	2.7 (1.6- 4.3)	~	~
Rhode Island	3.6 (2.3- 5.5)	3.7 (2.4- 5.8)	~	~
Vermont	~	~	~	~
Middle Atlantic	2.7 (2.5- 3.0)	2.9 (2.7- 3.1)	2.2 (1.7- 2.9)	2.1 (1.4- 3.1)
New Jersey	2.8 (2.3- 3.3)	3.0 (2.5- 3.6)	~	~
New York	2.7 (2.4- 3.0)	2.9 (2.5- 3.2)	2.1 (1.4- 2.9)	2.3 (1.4- 3.5)
Pennsylvania	2.8 (2.5- 3.2)	2.8 (2.5- 3.2)	2.7 (1.6- 4.4)	~
Midwest	3.1 (2.9- 3.3)	3.1 (3.0- 3.3)	3.0 (2.4- 3.8)	~
East North Central	3.2 (2.9- 3.4)	3.2 (3.0- 3.4)	3.0 (2.4- 3.8)	~
Illinois	3.2 (2.8- 3.7)	3.2 (2.7- 3.7)	3.9 (2.6- 5.5)	~
Indiana	3.6 (3.0- 4.3)	3.7 (3.1- 4.4)	~	~
Michigan	3.1 (2.6- 3.6)	3.2 (2.7- 3.8)	~	~
Ohio	3.2 (2.8- 3.6)	3.2 (2.8- 3.7)	3.0 (1.8- 4.7)	~
Wisconsin	2.5 (2.0- 3.2)	2.7 (2.1- 3.3)	~	~
West North Central	3.1 (2.8- 3.4)	3.0 (2.7- 3.4)	~	~
Iowa	3.1 (2.4- 4.1)	3.1 (2.3- 4.0)	~	~
Kansas	3.5 (2.6- 4.6)	3.3 (2.4- 4.4)	~	~
Minnesota	3.0 (2.3- 3.7)	2.8 (2.2- 3.6)	~	~
Missouri	3.1 (2.5- 3.8)	3.1 (2.5- 3.9)	~	~
Nebraska	2.6 (1.7- 3.9)	2.5 (1.6- 3.8)	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	2.8 (2.7- 3.0)	2.8 (2.6- 2.9)	2.9 (2.6- 3.3)	1.9 (1.5- 2.4)
South Atlantic	2.4 (2.2- 2.6)	2.4 (2.2- 2.6)	2.4 (2.0- 2.9)	~
Delaware	3.7 (2.2- 6.1)	~	~	~
District of Columbia	~	~	~	~
Florida	1.9 (1.7- 2.2)	2.0 (1.7- 2.3)	1.8 (1.1- 3.0)	~
Georgia	2.5 (2.0- 3.0)	2.5 (2.0- 3.2)	2.1 (1.2- 3.3)	~
Maryland	2.7 (2.2- 3.4)	2.8 (2.1- 3.6)	~	~
North Carolina	2.9 (2.4- 3.4)	2.9 (2.4- 3.5)	2.6 (1.6- 4.0)	~
South Carolina	2.7 (2.1- 3.5)	2.6 (1.9- 3.6)	3.0 (1.7- 4.8)	~
Virginia	2.4 (1.9- 3.0)	2.4 (1.8- 3.0)	2.7 (1.6- 4.4)	~
West Virginia	3.0 (2.1- 4.3)	3.1 (2.2- 4.4)	~	~
East South Central	3.0 (2.7- 3.4)	3.0 (2.6- 3.4)	3.0 (2.2- 4.0)	~
Alabama	2.5 (1.9- 3.2)	2.3 (1.7- 3.1)	2.9 (1.7- 4.8)	~
Kentucky	3.9 (3.2- 4.8)	3.9 (3.2- 4.9)	~	~
Mississippi	3.2 (2.4- 4.2)	3.7 (2.6- 5.0)	~	~
Tennessee	2.7 (2.2- 3.4)	2.5 (1.9- 3.1)	4.0 (2.3- 6.5)	~
West South Central	3.5 (3.2- 3.8)	3.4 (3.1- 3.7)	4.3 (3.4- 5.3)	2.8 (2.1- 3.7)
Arkansas	3.3 (2.5- 4.4)	3.6 (2.7- 4.8)	~	~

continued

Table 2.19.1.2F: Cancer of the Kidney and Renal Pelvis. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	3.9 (3.2- 4.8)	4.3 (3.3- 5.4)	3.1 (1.9- 4.9)	~
Oklahoma	3.7 (2.9- 4.6)	3.5 (2.7- 4.6)	~	~
Texas	3.4 (3.0- 3.7)	3.1 (2.8- 3.5)	5.7 (4.3- 7.4)	2.9 (2.2- 3.8)
West	2.5 (2.3- 2.7)	2.6 (2.4- 2.8)	2.9 (2.0- 4.1)	2.8 (2.3- 3.4)
Mountain	2.5 (2.2- 2.8)	2.4 (2.1- 2.8)	~	2.8 (1.8- 4.3)
Arizona	2.8 (2.2- 3.4)	2.6 (2.0- 3.2)	~	~
Colorado	2.3 (1.7- 3.1)	2.3 (1.7- 3.1)	~	~
Idaho	3.5 (2.2- 5.3)	3.5 (2.2- 5.4)	~	~
Montana	~	~	~	~
Nevada	2.4 (1.5- 3.6)	2.4 (1.5- 3.7)	~	~
New Mexico	2.1 (1.3- 3.2)	1.8 (1.0- 3.0)	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	2.5 (2.3- 2.7)	2.6 (2.4- 2.9)	2.7 (1.8- 4.0)	2.8 (2.2- 3.5)
Alaska	~	~	~	~
California	2.6 (2.3- 2.8)	2.7 (2.5- 3.0)	2.8 (1.8- 4.1)	2.8 (2.2- 3.5)
Hawaii	~	~	~	~
Oregon	2.2 (1.6- 3.0)	2.2 (1.6- 3.0)	~	~
Washington	2.5 (2.0- 3.1)	2.5 (2.0- 3.2)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.20.1.1M: Cancer of the Brain and Other Nervous System. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	7.6 (7.4- 7.7)	8.0 (7.8- 8.2)	4.2 (3.9- 4.7)	6.0 (5.5- 6.5)
Northeast	7.7 (7.4- 8.1)	8.1 (7.7- 8.5)	4.1 (3.3- 5.0)	6.9 (5.5- 8.8)
New England	8.0 (7.4- 8.8)	8.3 (7.6- 9.0)	~	8.2 (4.3- 16.0)
Connecticut	8.1 (6.8- 9.6)	8.3 (6.9- 10.0)	~	~
Maine	7.3 (5.3- 9.7)	7.2 (5.3- 9.7)	~	~
Massachusetts	8.2 (7.2- 9.4)	8.5 (7.4- 9.6)	~	-
New Hampshire	8.9 (6.6- 11.9)	9.1 (6.8- 12.1)	~	-
Rhode Island	6.4 (4.4- 9.0)	6.9 (4.7- 9.8)	~	~
Vermont	8.8 (5.7- 13.2)	9.0 (5.8- 13.5)	~	~
Middle Atlantic	7.6 (7.2- 8.0)	8.0 (7.6- 8.5)	4.2 (3.4- 5.3)	6.7 (5.3- 8.7)
New Jersey	7.5 (6.7- 8.5)	7.9 (6.9- 8.9)	4.7 (2.9- 7.8)	7.7 (4.8- 12.9)
New York	7.5 (6.9- 8.1)	8.1 (7.4- 8.8)	4.1 (3.1- 5.6)	6.4 (4.6- 8.9)
Pennsylvania	7.8 (7.1- 8.6)	8.1 (7.3- 8.9)	4.2 (2.6- 6.8)	-
Midwest	8.1 (7.8- 8.4)	8.4 (8.0- 8.7)	4.7 (3.8- 5.8)	6.1 (4.4- 8.9)
East North Central	8.1 (7.7- 8.5)	8.4 (8.0- 8.8)	4.8 (3.8- 6.0)	6.9 (4.9- 10.3)
Illinois	7.6 (6.9- 8.4)	8.1 (7.3- 9.0)	4.4 (2.8- 6.7)	-
Indiana	8.0 (7.0- 9.1)	8.0 (7.0- 9.2)	~	~
Michigan	8.4 (7.6- 9.3)	8.9 (8.0- 9.9)	5.2 (3.3- 8.0)	~
Detroit	8.2 (6.9- 9.7)	9.0 (7.5- 10.8)	5.7 (3.5- 9.3)	-
Ohio	7.9 (7.1- 8.7)	8.1 (7.3- 9.0)	4.4 (2.8- 7.0)	~
Wisconsin	8.9 (7.8- 10.2)	9.0 (7.8- 10.3)	~	~
West North Central	8.2 (7.6- 8.8)	8.3 (7.7- 9.0)	4.0 (2.4- 7.0)	~
Iowa	9.1 (7.6- 10.8)	9.0 (7.5- 10.7)	~	~
Kansas	8.3 (6.7- 10.0)	8.1 (6.6- 10.0)	~	~
Minnesota	8.2 (7.1- 9.5)	8.5 (7.3- 9.8)	~	~
Missouri	7.5 (6.5- 8.6)	7.8 (6.7- 9.1)	~	~
Nebraska	8.4 (6.5- 10.7)	8.5 (6.6- 10.9)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	7.7 (4.6- 12.3)	~	~	~
Florida	7.5 (6.9- 8.1)	7.9 (7.2- 8.5)	4.6 (3.2- 6.7)	-
Georgia	7.6 (6.6- 8.6)	8.5 (7.4- 9.8)	4.2 (2.8- 6.2)	~
Atlanta	6.5 (5.0- 8.4)	8.5 (6.5- 11.2)	~	~
Maryland				
North Carolina	6.9 (6.0- 7.8)	7.4 (6.4- 8.5)	4.9 (3.2- 7.4)	~
South Carolina	6.7 (5.5- 8.1)	7.4 (6.0- 9.1)	3.7 (2.1- 6.4)	-
Virginia				
West Virginia	7.9 (6.1- 10.0)	8.0 (6.2- 10.2)	~	~
East South Central				
Alabama	7.4 (6.3- 8.7)	8.2 (6.9- 9.8)	4.5 (2.7- 7.4)	~
Kentucky	6.8 (5.7- 8.1)	7.2 (6.0- 8.6)	~	-
Mississippi				
Tennessee				

continued

Table 2.20.1.1M: Cancer of the Brain and Other Nervous System. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	7.4 (6.9- 7.8)	7.9 (7.4- 8.4)	3.7 (2.8- 4.8)	5.7 (4.7- 6.9)
Arkansas	5.4 (4.2- 6.9)	6.0 (4.6- 7.7)	~	~
Louisiana	6.5 (5.4- 7.9)	7.8 (6.4- 9.5)	2.8 (1.5- 5.1)	-
Oklahoma	8.5 (7.1- 10.1)	8.9 (7.4- 10.7)	~	~
Texas	7.7 (7.1- 8.3)	8.0 (7.4- 8.7)	4.1 (2.9- 5.9)	5.8 (4.7- 7.1)
West	7.2 (6.9- 7.5)	7.7 (7.4- 8.1)	3.8 (2.8- 5.3)	5.6 (4.9- 6.5)
Mountain	7.6 (7.0- 8.2)	7.7 (7.1- 8.4)	~	5.7 (4.4- 7.6)
Arizona	6.5 (5.6- 7.7)	6.7 (5.7- 7.9)	~	6.3 (3.9- 10.9)
Colorado	8.9 (7.5- 10.4)	8.9 (7.5- 10.5)	~	~
Idaho	9.3 (7.0- 12.1)	9.2 (6.9- 12.1)	~	~
Montana	7.3 (5.0- 10.3)	7.8 (5.3- 11.0)	~	-
Nevada	7.4 (5.8- 9.6)	7.4 (5.7- 9.7)	~	-
New Mexico	6.1 (4.5- 8.1)	6.3 (4.6- 8.4)	~	5.8 (3.4- 9.9)
Utah	7.7 (6.0- 9.8)	7.9 (6.1- 10.1)	~	~
Wyoming	10.9 (7.0- 16.6)	11.2 (7.2- 17.1)	~	~
Pacific	7.1 (6.7- 7.4)	7.7 (7.3- 8.1)	3.6 (2.4- 5.2)	5.6 (4.8- 6.7)
Alaska	8.5 (4.9- 15.8)	10.8 (6.3- 19.9)	~	-
California	6.6 (6.2- 7.1)	7.3 (6.8- 7.8)	3.5 (2.3- 5.2)	5.6 (4.7- 6.7)
San Francisco-Oakland	6.9 (5.8- 8.2)	7.8 (6.3- 9.5)	~	~
San Jose-Monterey	7.6 (6.0- 9.5)	7.9 (6.1- 10.2)	~	~
Los Angeles	5.7 (5.0- 6.5)	6.7 (5.8- 7.7)	~	5.6 (4.2- 7.5)
Hawaii	6.8 (4.9- 9.2)	12.2 (7.0- 20.2)	~	-
Oregon	8.3 (7.0- 9.8)	8.6 (7.2- 10.2)	~	~
Washington	8.5 (7.4- 9.7)	8.6 (7.5- 9.8)	~	~
Seattle-Puget Sound	8.5 (7.2- 10.0)	8.8 (7.4- 10.5)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.20.1.1F: Cancer of the Brain and Other Nervous System. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	5.4 (5.2- 5.5)	5.7 (5.6- 5.8)	3.4 (3.1- 3.7)	4.6 (4.2- 5.0)
Northeast	5.7 (5.4- 6.0)	5.9 (5.6- 6.2)	3.9 (3.3- 4.7)	5.6 (4.6- 6.9)
New England	5.8 (5.3- 6.3)	5.9 (5.3- 6.5)	~	5.2 (2.7- 9.6)
Connecticut	6.6 (5.5- 7.9)	6.9 (5.7- 8.4)	~	~
Maine	4.8 (3.4- 6.8)	4.7 (3.2- 6.7)	~	~
Massachusetts	5.8 (5.0- 6.6)	5.8 (5.0- 6.7)	~	-
New Hampshire	5.9 (4.2- 8.1)	6.0 (4.2- 8.3)	~	-
Rhode Island	4.0 (2.6- 6.2)	4.2 (2.6- 6.5)	~	~
Vermont	6.2 (3.8- 9.8)	6.3 (3.9- 9.9)	~	~
Middle Atlantic	5.7 (5.3- 6.0)	5.9 (5.6- 6.3)	4.0 (3.3- 4.8)	5.7 (4.6- 7.0)
New Jersey	5.3 (4.7- 6.0)	5.7 (4.9- 6.5)	3.6 (2.2- 5.6)	5.7 (3.6- 8.9)
New York	5.9 (5.4- 6.4)	6.2 (5.6- 6.7)	4.6 (3.6- 5.8)	5.6 (4.3- 7.2)
Pennsylvania	5.6 (5.0- 6.1)	5.8 (5.2- 6.5)	2.8 (1.7- 4.4)	-
Midwest	5.5 (5.3- 5.8)	5.9 (5.6- 6.1)	2.9 (2.4- 3.6)	3.7 (2.5- 5.6)
East North Central	5.4 (5.1- 5.7)	5.8 (5.5- 6.1)	3.0 (2.4- 3.7)	3.8 (2.3- 6.0)
Illinois	5.1 (4.6- 5.7)	5.8 (5.1- 6.5)	1.7 (1.0- 2.9)	-
Indiana	5.7 (4.9- 6.6)	5.9 (5.1- 6.9)	~	~
Michigan	5.1 (4.5- 5.7)	5.3 (4.7- 6.1)	3.6 (2.3- 5.4)	~
Detroit	5.0 (4.1- 6.1)	5.6 (4.5- 6.9)	3.4 (2.0- 5.4)	-
Ohio	5.9 (5.3- 6.5)	6.0 (5.4- 6.7)	4.4 (3.0- 6.3)	~
Wisconsin	5.7 (4.8- 6.6)	5.9 (5.0- 6.9)	~	~
West North Central	5.7 (5.2- 6.2)	6.0 (5.5- 6.6)	~	~
Iowa	6.2 (5.1- 7.6)	6.4 (5.2- 7.9)	~	~
Kansas	6.1 (4.9- 7.5)	6.5 (5.2- 8.1)	~	~
Minnesota	5.4 (4.6- 6.4)	5.7 (4.8- 6.8)	~	~
Missouri	5.6 (4.8- 6.5)	6.0 (5.1- 7.0)	~	~
Nebraska	5.6 (4.2- 7.3)	5.7 (4.3- 7.5)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	5.7 (3.2- 9.5)	~	~	~
Florida	5.3 (4.9- 5.8)	5.6 (5.1- 6.2)	3.2 (2.2- 4.5)	-
Georgia	5.0 (4.3- 5.7)	5.7 (4.8- 6.6)	3.3 (2.3- 4.7)	~
Atlanta	4.1 (3.1- 5.4)	5.2 (3.8- 7.1)	~	~
Maryland				
North Carolina	5.7 (5.0- 6.5)	6.5 (5.7- 7.5)	2.4 (1.5- 3.7)	~
South Carolina	4.8 (4.0- 5.9)	5.6 (4.5- 7.0)	2.9 (1.7- 4.7)	-
Virginia				
West Virginia	5.7 (4.4- 7.5)	5.8 (4.4- 7.6)	~	~
East South Central				
Alabama	5.2 (4.4- 6.2)	5.9 (4.9- 7.1)	3.2 (1.9- 5.1)	~
Kentucky	5.5 (4.5- 6.6)	5.4 (4.4- 6.6)	~	-
Mississippi				
Tennessee				

continued

Table 2.20.1.1F: Cancer of the Brain and Other Nervous System. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	5.3 (5.0- 5.7)	5.5 (5.1- 5.9)	3.7 (3.0- 4.7)	4.8 (3.9- 5.9)
Arkansas	5.0 (3.9- 6.3)	5.1 (3.9- 6.5)	~	~
Louisiana	4.4 (3.6- 5.4)	4.7 (3.7- 5.9)	4.2 (2.7- 6.1)	-
Oklahoma	5.3 (4.3- 6.4)	5.5 (4.4- 6.8)	~	~
Texas	5.6 (5.1- 6.1)	5.8 (5.3- 6.3)	3.3 (2.3- 4.7)	4.8 (3.9- 5.9)
West	5.0 (4.7- 5.2)	5.3 (5.0- 5.6)	3.4 (2.5- 4.5)	4.2 (3.7- 4.9)
Mountain	5.0 (4.5- 5.5)	5.2 (4.7- 5.7)	~	3.7 (2.7- 5.0)
Arizona	5.2 (4.4- 6.2)	5.4 (4.5- 6.4)	~	4.4 (2.5- 7.6)
Colorado	5.9 (4.9- 7.0)	6.2 (5.2- 7.5)	~	~
Idaho	4.3 (2.9- 6.2)	4.4 (2.9- 6.5)	~	~
Montana	4.9 (3.1- 7.4)	4.9 (3.1- 7.6)	~	-
Nevada	3.9 (2.8- 5.3)	3.9 (2.7- 5.5)	~	-
New Mexico	3.7 (2.5- 5.1)	3.7 (2.5- 5.3)	~	~
Utah	5.3 (3.9- 7.0)	5.4 (4.0- 7.2)	~	~
Wyoming	~	~	~	~
Pacific	4.9 (4.7- 5.2)	5.4 (5.1- 5.7)	3.5 (2.5- 4.7)	4.4 (3.8- 5.2)
Alaska	~	~	~	-
California	4.8 (4.5- 5.1)	5.3 (4.9- 5.7)	3.4 (2.4- 4.7)	4.6 (3.9- 5.4)
San Francisco-Oakland	4.3 (3.5- 5.3)	4.9 (3.8- 6.2)	~	~
San Jose-Monterey	4.3 (3.2- 5.7)	4.7 (3.4- 6.4)	~	~
Los Angeles	4.8 (4.2- 5.5)	5.6 (4.8- 6.4)	4.4 (2.7- 6.7)	4.8 (3.6- 6.2)
Hawaii	4.0 (2.5- 5.9)	~	~	-
Oregon	5.8 (4.7- 7.0)	5.8 (4.7- 7.1)	~	~
Washington	5.8 (4.9- 6.7)	5.7 (4.9- 6.7)	~	~
Seattle-Puget Sound	6.3 (5.3- 7.5)	6.4 (5.2- 7.7)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.20.1.2M: Cancer of the Brain and Other Nervous System. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	5.5 (5.3- 5.6)	5.9 (5.7- 6.0)	3.1 (2.8- 3.5)	3.4 (3.0- 3.9)
Northeast	4.9 (4.6- 5.1)	5.3 (5.0- 5.6)	2.1 (1.5- 2.9)	2.3 (1.5- 3.6)
New England	5.4 (4.8- 6.0)	5.6 (5.0- 6.2)	~	~
Connecticut	4.5 (3.5- 5.7)	4.7 (3.7- 6.0)	~	~
Maine	5.8 (4.1- 8.0)	5.8 (4.1- 8.1)	~	~
Massachusetts	5.2 (4.4- 6.1)	5.4 (4.6- 6.4)	~	~
New Hampshire	7.8 (5.6- 10.6)	7.9 (5.7- 10.8)	~	~
Rhode Island	6.1 (4.2- 8.8)	6.3 (4.3- 9.1)	~	~
Vermont	5.4 (3.0- 9.1)	5.4 (3.1- 9.2)	~	~
Middle Atlantic	4.7 (4.4- 5.0)	5.1 (4.8- 5.5)	2.1 (1.5- 3.0)	2.6 (1.6- 4.1)
New Jersey	4.6 (4.0- 5.4)	5.1 (4.3- 5.9)	~	~
New York	4.3 (3.9- 4.8)	4.8 (4.3- 5.4)	2.5 (1.6- 3.9)	2.5 (1.3- 4.4)
Pennsylvania	5.2 (4.6- 5.8)	5.6 (5.0- 6.2)	~	~
Midwest	5.8 (5.5- 6.1)	6.1 (5.8- 6.4)	3.3 (2.5- 4.2)	3.4 (1.9- 6.1)
East North Central	5.8 (5.5- 6.1)	6.1 (5.7- 6.5)	3.5 (2.7- 4.6)	3.9 (2.1- 7.3)
Illinois	5.8 (5.1- 6.5)	6.2 (5.5- 6.9)	4.2 (2.7- 6.6)	~
Indiana	5.6 (4.7- 6.6)	5.8 (4.9- 6.8)	~	~
Michigan	6.0 (5.3- 6.8)	6.5 (5.7- 7.3)	~	~
Ohio	5.6 (5.0- 6.3)	5.9 (5.2- 6.7)	3.2 (1.7- 5.8)	~
Wisconsin	6.0 (5.1- 7.0)	6.0 (5.0- 7.1)	~	~
West North Central	5.9 (5.4- 6.4)	6.1 (5.6- 6.6)	~	~
Iowa	6.2 (5.0- 7.7)	6.2 (5.0- 7.7)	~	~
Kansas	5.8 (4.6- 7.4)	5.9 (4.6- 7.5)	~	~
Minnesota	6.6 (5.6- 7.8)	6.9 (5.8- 8.1)	~	~
Missouri	5.1 (4.3- 6.1)	5.5 (4.6- 6.5)	~	~
Nebraska	5.2 (3.8- 7.1)	5.3 (3.8- 7.3)	~	~
North Dakota	7.3 (4.6- 11.0)	7.1 (4.5- 11.0)	~	~
South Dakota	6.2 (3.9- 9.4)	6.6 (4.2- 10.0)	~	~
South	5.7 (5.4- 5.9)	6.1 (5.8- 6.3)	3.4 (3.0- 4.0)	3.9 (3.2- 4.7)
South Atlantic	5.5 (5.2- 5.8)	6.0 (5.6- 6.3)	3.0 (2.5- 3.7)	3.9 (2.9- 5.2)
Delaware	7.4 (4.8- 11.1)	7.8 (5.0- 12.0)	~	~
District of Columbia	~	~	~	~
Florida	5.7 (5.2- 6.2)	6.1 (5.5- 6.6)	2.4 (1.5- 4.1)	4.1 (3.0- 5.6)
Georgia	5.0 (4.2- 5.9)	6.0 (5.0- 7.1)	~	~
Maryland	5.7 (4.8- 6.8)	6.2 (5.1- 7.6)	3.7 (2.2- 6.5)	~
North Carolina	5.0 (4.3- 5.8)	5.4 (4.6- 6.3)	3.0 (1.7- 5.1)	~
South Carolina	4.6 (3.7- 5.8)	5.0 (3.9- 6.4)	~	~
Virginia	5.6 (4.8- 6.5)	6.0 (5.1- 7.1)	3.5 (2.0- 6.1)	~
West Virginia	6.0 (4.6- 7.9)	6.2 (4.7- 8.2)	~	~
East South Central	6.1 (5.6- 6.7)	6.6 (6.0- 7.2)	3.8 (2.7- 5.2)	~
Alabama	5.2 (4.2- 6.3)	5.9 (4.8- 7.3)	~	~
Kentucky	6.3 (5.2- 7.6)	6.6 (5.4- 8.0)	~	~
Mississippi	7.0 (5.6- 8.8)	7.9 (6.1- 10.1)	5.3 (2.9- 8.8)	~
Tennessee	6.3 (5.4- 7.4)	6.6 (5.5- 7.8)	~	~
West South Central	5.7 (5.3- 6.1)	6.0 (5.6- 6.5)	4.1 (3.1- 5.4)	3.9 (3.0- 5.2)
Arkansas	4.9 (3.8- 6.3)	5.4 (4.1- 7.0)	~	~

continued

Table 2.20.1.2M: Cancer of the Brain and Other Nervous System. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	5.5 (4.5- 6.8)	6.2 (4.9- 7.8)	3.8 (2.2- 6.3)	~
Oklahoma	5.9 (4.7- 7.2)	6.1 (4.9- 7.6)	~	~
Texas	5.8 (5.3- 6.4)	6.0 (5.5- 6.7)	4.9 (3.3- 7.0)	3.9 (3.0- 5.1)
West	5.4 (5.1- 5.7)	5.8 (5.5- 6.1)	3.0 (2.1- 4.5)	3.4 (2.8- 4.2)
Mountain	5.1 (4.6- 5.6)	5.4 (4.9- 5.9)	~	3.7 (2.5- 5.4)
Arizona	4.3 (3.5- 5.2)	4.5 (3.7- 5.5)	~	~
Colorado	5.6 (4.5- 6.9)	5.9 (4.7- 7.3)	~	~
Idaho	6.8 (4.9- 9.4)	7.0 (5.0- 9.6)	~	~
Montana	5.3 (3.4- 8.0)	5.4 (3.4- 8.2)	~	~
Nevada	4.7 (3.5- 6.5)	5.1 (3.7- 7.1)	~	~
New Mexico	5.2 (3.7- 7.1)	5.7 (4.1- 7.8)	~	~
Utah	5.3 (3.8- 7.2)	5.5 (3.9- 7.5)	~	~
Wyoming	~	~	~	~
Pacific	5.5 (5.2- 5.8)	6.0 (5.7- 6.4)	3.4 (2.3- 5.1)	3.3 (2.6- 4.2)
Alaska	~	~	~	~
California	5.2 (4.9- 5.6)	5.8 (5.3- 6.2)	3.5 (2.3- 5.3)	3.4 (2.6- 4.3)
Hawaii	3.8 (2.4- 5.8)	~	~	~
Oregon	6.0 (4.8- 7.3)	6.2 (5.0- 7.6)	~	~
Washington	6.9 (6.0- 8.0)	7.2 (6.2- 8.4)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.20.1.2F: Cancer of the Brain and Other Nervous System. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	3.6 (3.5- 3.7)	3.9 (3.8- 4.0)	2.2 (2.0- 2.4)	2.4 (2.1- 2.7)
Northeast	3.2 (3.0- 3.4)	3.5 (3.3- 3.7)	1.8 (1.4- 2.4)	1.6 (1.0- 2.4)
New England	3.2 (2.8- 3.6)	3.3 (2.9- 3.8)	~	~
Connecticut	3.9 (3.1- 4.9)	4.1 (3.2- 5.2)	~	~
Maine	4.0 (2.7- 5.9)	4.1 (2.7- 6.0)	~	~
Massachusetts	3.0 (2.4- 3.6)	3.2 (2.6- 3.8)	~	~
New Hampshire	2.7 (1.6- 4.3)	2.7 (1.6- 4.4)	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	3.3 (3.0- 3.5)	3.5 (3.3- 3.8)	2.0 (1.5- 2.6)	1.7 (1.1- 2.5)
New Jersey	3.0 (2.5- 3.5)	3.3 (2.8- 4.0)	~	~
New York	3.1 (2.7- 3.4)	3.4 (3.0- 3.8)	2.0 (1.4- 2.9)	1.8 (1.1- 2.9)
Pennsylvania	3.7 (3.3- 4.2)	3.9 (3.4- 4.4)	~	~
Midwest	3.8 (3.6- 4.0)	4.0 (3.8- 4.3)	2.3 (1.8- 2.9)	2.1 (1.2- 3.8)
East North Central	3.7 (3.5- 4.0)	3.9 (3.7- 4.2)	2.3 (1.8- 3.0)	~
Illinois	3.6 (3.2- 4.1)	3.9 (3.4- 4.4)	2.9 (1.8- 4.3)	~
Indiana	4.2 (3.5- 4.9)	4.3 (3.6- 5.1)	~	~
Michigan	3.8 (3.3- 4.3)	4.0 (3.5- 4.7)	~	~
Ohio	3.6 (3.1- 4.1)	3.8 (3.3- 4.3)	~	~
Wisconsin	3.6 (3.0- 4.4)	3.7 (3.1- 4.6)	~	~
West North Central	4.1 (3.7- 4.5)	4.3 (3.9- 4.7)	~	~
Iowa	4.2 (3.3- 5.3)	4.2 (3.3- 5.4)	~	~
Kansas	4.6 (3.6- 5.9)	4.9 (3.8- 6.2)	~	~
Minnesota	3.8 (3.1- 4.6)	3.9 (3.2- 4.8)	~	~
Missouri	4.0 (3.4- 4.8)	4.3 (3.6- 5.2)	~	~
Nebraska	4.3 (3.1- 5.8)	4.4 (3.1- 6.0)	~	~
North Dakota	5.2 (3.1- 8.5)	5.5 (3.2- 9.0)	~	~
South Dakota	3.6 (2.0- 6.0)	3.8 (2.1- 6.4)	~	~
South	3.6 (3.5- 3.8)	3.9 (3.7- 4.1)	2.2 (1.9- 2.6)	2.8 (2.3- 3.4)
South Atlantic	3.4 (3.2- 3.6)	3.7 (3.4- 3.9)	2.0 (1.6- 2.4)	2.9 (2.1- 3.8)
Delaware	4.1 (2.5- 6.6)	4.9 (3.0- 8.0)	~	~
District of Columbia	~	~	~	~
Florida	3.6 (3.3- 4.0)	3.8 (3.4- 4.3)	2.1 (1.4- 3.2)	2.9 (2.1- 4.0)
Georgia	2.9 (2.4- 3.5)	3.4 (2.7- 4.1)	1.7 (0.9- 2.8)	~
Maryland	3.0 (2.4- 3.7)	3.2 (2.5- 4.1)	~	~
North Carolina	3.7 (3.1- 4.3)	4.1 (3.4- 4.8)	1.9 (1.1- 3.1)	~
South Carolina	3.4 (2.6- 4.2)	3.5 (2.7- 4.6)	2.9 (1.7- 4.8)	~
Virginia	3.2 (2.7- 3.9)	3.6 (2.9- 4.4)	~	~
West Virginia	3.4 (2.4- 4.8)	3.3 (2.3- 4.7)	~	~
East South Central	3.9 (3.5- 4.3)	4.3 (3.8- 4.7)	2.2 (1.5- 3.1)	~
Alabama	3.8 (3.1- 4.7)	4.5 (3.6- 5.5)	~	~
Kentucky	3.9 (3.1- 4.8)	3.8 (3.0- 4.8)	~	~
Mississippi	3.7 (2.8- 4.8)	4.1 (2.9- 5.5)	~	~
Tennessee	4.2 (3.5- 4.9)	4.5 (3.8- 5.4)	~	~
West South Central	3.9 (3.6- 4.2)	4.1 (3.8- 4.5)	2.9 (2.2- 3.8)	2.8 (2.1- 3.7)
Arkansas	4.7 (3.7- 6.0)	5.0 (3.9- 6.4)	~	~

continued

Table 2.20.1.2F: Cancer of the Brain and Other Nervous System. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	4.1 (3.4- 5.0)	4.3 (3.4- 5.5)	4.0 (2.6- 5.9)	~
Oklahoma	3.6 (2.8- 4.6)	3.8 (2.9- 4.9)	~	~
Texas	3.7 (3.3- 4.1)	4.0 (3.6- 4.4)	2.0 (1.2- 3.2)	2.8 (2.1- 3.7)
West	3.6 (3.4- 3.8)	3.9 (3.7- 4.1)	2.6 (1.8- 3.6)	2.4 (2.0- 2.9)
Mountain	3.3 (2.9- 3.7)	3.4 (3.0- 3.8)	~	1.9 (1.1- 3.0)
Arizona	3.9 (3.2- 4.8)	4.1 (3.3- 5.0)	~	~
Colorado	3.4 (2.6- 4.3)	3.5 (2.7- 4.4)	~	~
Idaho	3.6 (2.3- 5.4)	3.6 (2.3- 5.5)	~	~
Montana	3.4 (1.9- 5.6)	3.6 (2.0- 6.0)	~	~
Nevada	2.4 (1.5- 3.6)	2.2 (1.4- 3.5)	~	~
New Mexico	2.9 (2.0- 4.3)	3.0 (1.9- 4.4)	~	~
Utah	3.0 (2.0- 4.4)	3.1 (2.1- 4.6)	~	~
Wyoming	~	~	~	~
Pacific	3.7 (3.5- 4.0)	4.1 (3.8- 4.4)	2.5 (1.7- 3.7)	2.6 (2.0- 3.2)
Alaska	~	~	~	~
California	3.6 (3.3- 3.9)	4.0 (3.7- 4.4)	2.6 (1.7- 3.9)	2.6 (2.0- 3.2)
Hawaii	~	~	~	~
Oregon	3.9 (3.1- 4.9)	4.0 (3.1- 5.1)	~	~
Washington	4.7 (3.9- 5.5)	4.9 (4.1- 5.8)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.21.1.1M: Cancer of the Thyroid. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	3.9 (3.8- 4.0)	4.0 (3.9- 4.1)	2.4 (2.1- 2.7)	3.5 (3.2- 4.0)
Northeast	4.6 (4.3- 4.8)	4.6 (4.4- 4.9)	2.4 (1.9- 3.2)	3.5 (2.6- 4.7)
New England	4.1 (3.6- 4.6)	4.2 (3.7- 4.7)	~	~
Connecticut	5.0 (3.9- 6.2)	5.3 (4.2- 6.7)	~	~
Maine	3.1 (1.9- 4.9)	3.2 (2.0- 5.0)	~	~
Massachusetts	4.0 (3.3- 4.8)	3.9 (3.2- 4.7)	~	-
New Hampshire	3.8 (2.4- 5.8)	3.9 (2.5- 6.0)	~	-
Rhode Island	3.8 (2.3- 6.0)	3.7 (2.2- 6.0)	~	~
Vermont	~	~	~	~
Middle Atlantic	4.7 (4.4- 5.0)	4.8 (4.5- 5.2)	2.7 (2.0- 3.5)	3.1 (2.3- 4.5)
New Jersey	4.5 (3.9- 5.2)	4.5 (3.8- 5.3)	~	~
New York	4.5 (4.1- 5.0)	4.7 (4.2- 5.2)	2.4 (1.6- 3.7)	3.3 (2.2- 5.1)
Pennsylvania	5.2 (4.7- 5.8)	5.3 (4.7- 5.9)	3.5 (2.1- 6.0)	-
Midwest	3.8 (3.5- 4.0)	3.8 (3.6- 4.0)	2.7 (2.1- 3.5)	2.5 (1.5- 4.6)
East North Central	3.7 (3.5- 4.0)	3.8 (3.5- 4.1)	2.6 (1.9- 3.5)	2.8 (1.7- 5.4)
Illinois	4.0 (3.5- 4.6)	4.2 (3.6- 4.8)	~	-
Indiana	3.2 (2.6- 4.0)	3.3 (2.7- 4.1)	~	~
Michigan	4.0 (3.5- 4.7)	4.0 (3.4- 4.7)	4.3 (2.6- 6.9)	~
Detroit	4.8 (3.9- 6.0)	4.9 (3.8- 6.3)	4.4 (2.5- 7.7)	-
Ohio	3.3 (2.8- 3.8)	3.4 (2.9- 3.9)	~	~
Wisconsin	4.2 (3.5- 5.1)	4.2 (3.4- 5.1)	~	~
West North Central	3.8 (3.4- 4.2)	3.8 (3.3- 4.2)	~	~
Iowa	4.0 (3.0- 5.2)	4.0 (3.0- 5.2)	~	~
Kansas	4.4 (3.3- 5.7)	4.1 (3.1- 5.5)	~	~
Minnesota	3.6 (2.9- 4.5)	3.5 (2.8- 4.4)	~	~
Missouri	3.1 (2.5- 3.9)	3.2 (2.5- 4.0)	~	~
Nebraska	5.4 (4.0- 7.3)	5.2 (3.7- 7.1)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	6.5 (3.8- 10.8)	~	~	~
Florida	3.8 (3.4- 4.2)	4.0 (3.6- 4.5)	2.0 (1.1- 3.6)	-
Georgia	3.5 (2.9- 4.2)	3.9 (3.2- 4.8)	~	~
Atlanta	4.0 (3.0- 5.5)	4.9 (3.5- 7.0)	~	~
Maryland				
North Carolina	3.1 (2.6- 3.8)	3.2 (2.6- 4.0)	~	~
South Carolina	3.0 (2.2- 3.9)	3.3 (2.5- 4.5)	~	-
Virginia				
West Virginia	4.3 (3.1- 5.9)	4.5 (3.2- 6.1)	~	~
East South Central				
Alabama	2.3 (1.7- 3.1)	2.4 (1.7- 3.4)	~	~
Kentucky	3.7 (2.9- 4.8)	4.0 (3.1- 5.1)	~	-
Mississippi				
Tennessee				

continued

Table 2.21.1.1M: Cancer of the Thyroid. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	3.6 (3.3- 3.9)	3.7 (3.4- 4.1)	2.4 (1.7- 3.4)	3.5 (2.7- 4.5)
Arkansas	2.9 (2.1- 4.1)	3.0 (2.1- 4.3)	~	~
Louisiana	3.1 (2.4- 4.0)	3.4 (2.5- 4.6)	~	-
Oklahoma	3.1 (2.3- 4.2)	3.2 (2.3- 4.3)	~	~
Texas	3.8 (3.4- 4.3)	3.9 (3.5- 4.4)	2.5 (1.5- 4.1)	3.5 (2.7- 4.6)
West	3.9 (3.7- 4.1)	3.9 (3.7- 4.2)	2.3 (1.6- 3.6)	3.5 (2.9- 4.3)
Mountain	4.3 (3.9- 4.8)	4.3 (3.9- 4.8)	~	4.0 (2.8- 5.8)
Arizona	3.8 (3.1- 4.7)	3.9 (3.2- 4.9)	~	~
Colorado	4.3 (3.5- 5.4)	4.3 (3.4- 5.4)	~	5.3 (2.8- 11.4)
Idaho	4.9 (3.3- 7.2)	4.9 (3.2- 7.1)	~	~
Montana	4.2 (2.6- 6.7)	4.5 (2.7- 7.1)	~	-
Nevada	4.8 (3.6- 6.6)	4.9 (3.5- 6.8)	~	-
New Mexico	4.8 (3.4- 6.7)	5.1 (3.6- 7.2)	~	~
Utah	4.1 (2.9- 5.9)	4.1 (2.8- 5.8)	~	~
Wyoming	~	~	~	~
Pacific	3.7 (3.5- 4.0)	3.8 (3.5- 4.1)	2.4 (1.6- 3.8)	3.4 (2.7- 4.3)
Alaska	~	~	~	-
California	3.6 (3.3- 3.9)	3.7 (3.4- 4.0)	2.2 (1.4- 3.6)	3.4 (2.7- 4.3)
San Francisco-Oakland	2.9 (2.2- 3.8)	3.0 (2.2- 4.1)	~	~
San Jose-Monterey	3.0 (2.1- 4.4)	2.8 (1.8- 4.3)	~	~
Los Angeles	4.5 (3.9- 5.3)	4.8 (4.0- 5.7)	~	3.7 (2.6- 5.4)
Hawaii	4.2 (2.8- 6.3)	~	~	-
Oregon	3.6 (2.7- 4.6)	3.6 (2.7- 4.6)	~	~
Washington	4.6 (3.8- 5.4)	4.4 (3.7- 5.4)	~	~
Seattle-Puget Sound	4.4 (3.5- 5.4)	4.5 (3.6- 5.7)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.21.1.1F: Cancer of the Thyroid. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	11.1 (10.9- 11.3)	11.5 (11.3- 11.7)	6.7 (6.3- 7.1)	10.6 (10.0- 11.2)
Northeast	14.1 (13.7- 14.5)	14.6 (14.1- 15.1)	8.4 (7.4- 9.4)	12.4 (10.9- 14.0)
New England	12.4 (11.7- 13.3)	12.4 (11.5- 13.2)	7.6 (5.2- 11.1)	12.0 (8.7- 17.1)
Connecticut	13.5 (11.9- 15.3)	14.2 (12.4- 16.2)	~	12.3 (7.4- 22.1)
Maine	11.5 (9.1- 14.4)	11.7 (9.2- 14.7)	~	~
Massachusetts	12.9 (11.7- 14.2)	12.3 (11.1- 13.6)	9.5 (5.7- 15.3)	-
New Hampshire	9.6 (7.4- 12.3)	9.5 (7.3- 12.3)	~	-
Rhode Island	13.6 (10.8- 17.1)	14.5 (11.4- 18.2)	~	~
Vermont	8.0 (5.2- 11.9)	8.1 (5.3- 12.1)	~	~
Middle Atlantic	14.7 (14.2- 15.2)	15.5 (14.9- 16.1)	8.4 (7.4- 9.5)	12.3 (10.8- 14.1)
New Jersey	14.5 (13.4- 15.7)	15.3 (14.1- 16.7)	8.7 (6.5- 11.5)	14.9 (11.6- 19.3)
New York	13.3 (12.6- 14.0)	14.1 (13.2- 14.9)	6.7 (5.5- 8.0)	11.0 (9.2- 13.0)
Pennsylvania	17.0 (16.0- 18.1)	17.4 (16.4- 18.6)	13.1 (10.4- 16.3)	-
Midwest	10.3 (9.9- 10.6)	10.7 (10.3- 11.1)	5.6 (4.8- 6.5)	9.3 (7.4- 11.7)
East North Central	10.1 (9.7- 10.6)	10.7 (10.2- 11.1)	5.6 (4.7- 6.6)	9.2 (7.1- 12.0)
Illinois	10.4 (9.7- 11.3)	11.1 (10.2- 12.1)	7.0 (5.4- 9.0)	-
Indiana	9.3 (8.3- 10.5)	9.8 (8.7- 11.0)	~	~
Michigan	11.1 (10.2- 12.0)	12.1 (11.1- 13.2)	5.4 (3.7- 7.5)	~
Detroit	11.0 (9.6- 12.5)	13.1 (11.3- 15.0)	5.9 (3.9- 8.5)	-
Ohio	9.4 (8.7- 10.3)	9.6 (8.8- 10.5)	5.1 (3.5- 7.2)	~
Wisconsin	10.1 (9.0- 11.4)	10.4 (9.2- 11.8)	~	~
West North Central	10.6 (9.9- 11.3)	10.8 (10.1- 11.5)	5.5 (3.7- 8.1)	9.2 (5.8- 15.8)
Iowa	11.7 (10.0- 13.6)	11.4 (9.7- 13.4)	~	~
Kansas	11.2 (9.5- 13.1)	11.3 (9.5- 13.3)	~	~
Minnesota	11.0 (9.7- 12.4)	10.8 (9.5- 12.2)	~	~
Missouri	9.6 (8.5- 10.8)	10.3 (9.1- 11.6)	~	~
Nebraska	10.0 (8.0- 12.4)	10.3 (8.2- 12.8)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	10.6 (7.3- 15.1)	~	9.4 (5.6- 15.3)	~
Florida	10.9 (10.3- 11.7)	11.6 (10.8- 12.4)	7.2 (5.8- 9.0)	-
Georgia	8.6 (7.8- 9.6)	9.6 (8.5- 10.8)	6.2 (4.9- 8.0)	14.6 (7.9- 28.6)
Atlanta	9.1 (7.7- 10.9)	11.5 (9.3- 13.9)	5.6 (3.7- 8.6)	~
Maryland				
North Carolina	8.1 (7.3- 9.0)	8.5 (7.6- 9.6)	6.9 (5.2- 8.9)	~
South Carolina	8.5 (7.3- 9.9)	9.7 (8.1- 11.4)	5.6 (3.9- 7.9)	-
Virginia				
West Virginia	10.9 (9.0- 13.3)	10.6 (8.6- 12.9)	~	~
East South Central				
Alabama	7.8 (6.7- 9.0)	8.2 (6.9- 9.7)	6.7 (4.8- 9.2)	~
Kentucky	10.3 (9.0- 11.8)	10.7 (9.3- 12.3)	~	-
Mississippi				
Tennessee				

continued

Table 2.21.1.1F: Cancer of the Thyroid. Age-Adjusted Invasive Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	8.9 (8.5- 9.4)	9.3 (8.8- 9.8)	5.9 (4.9- 7.1)	9.5 (8.4- 10.8)
Arkansas	6.5 (5.2- 8.0)	6.8 (5.3- 8.5)	~	~
Louisiana	9.8 (8.6- 11.2)	11.0 (9.4- 12.8)	7.9 (5.9- 10.3)	-
Oklahoma	7.1 (5.9- 8.5)	7.8 (6.4- 9.4)	~	~
Texas	9.4 (8.8- 10.0)	9.6 (9.0- 10.3)	5.2 (3.9- 6.7)	9.4 (8.3- 10.7)
West	11.5 (11.1- 11.9)	11.7 (11.3- 12.1)	5.8 (4.6- 7.2)	10.8 (9.9- 11.7)
Mountain	13.9 (13.2- 14.7)	14.4 (13.6- 15.2)	~	12.1 (10.2- 14.3)
Arizona	12.4 (11.1- 13.9)	13.0 (11.6- 14.6)	~	11.4 (8.4- 15.5)
Colorado	13.3 (11.8- 14.9)	13.4 (11.8- 15.1)	~	11.1 (7.1- 17.1)
Idaho	14.3 (11.5- 17.6)	14.4 (11.6- 17.8)	~	~
Montana	16.6 (13.1- 20.9)	16.8 (13.1- 21.3)	~	-
Nevada	16.5 (14.2- 19.2)	17.5 (14.8- 20.5)	~	-
New Mexico	15.9 (13.4- 18.7)	17.2 (14.4- 20.3)	~	15.1 (11.3- 20.0)
Utah	13.4 (11.2- 15.9)	13.8 (11.5- 16.4)	~	~
Wyoming	12.0 (8.0- 17.5)	12.1 (8.0- 17.8)	~	~
Pacific	10.5 (10.1- 11.0)	10.5 (10.0- 11.0)	5.8 (4.6- 7.4)	10.3 (9.3- 11.4)
Alaska	11.7 (8.1- 17.2)	12.2 (7.9- 18.9)	~	-
California	10.0 (9.5- 10.4)	10.2 (9.7- 10.8)	6.0 (4.6- 7.6)	10.0 (9.0- 11.2)
San Francisco-Oakland	8.4 (7.3- 9.8)	8.2 (6.8- 9.8)	~	6.5 (3.9- 10.6)
San Jose-Monterey	9.1 (7.4- 11.0)	9.0 (7.1- 11.2)	~	6.8 (3.8- 12.1)
Los Angeles	11.6 (10.7- 12.6)	12.8 (11.6- 14.1)	5.7 (3.8- 8.2)	10.9 (9.2- 12.8)
Hawaii	17.2 (14.1- 20.8)	10.4 (6.0- 17.6)	~	-
Oregon	10.5 (9.0- 12.1)	10.1 (8.7- 11.8)	~	~
Washington	12.3 (11.1- 13.6)	11.8 (10.6- 13.2)	~	19.3 (10.7- 34.1)
Seattle-Puget Sound	11.8 (10.4- 13.4)	11.8 (10.2- 13.5)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.21.1.2M: Cancer of the Thyroid. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	0.5 (0.4- 0.5)	0.5 (0.4- 0.5)	0.4 (0.3- 0.6)	0.5 (0.3- 0.7)
Northeast	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	~	~
New England	0.5 (0.4- 0.7)	0.5 (0.3- 0.7)	~	~
Connecticut	~	~	~	~
Maine	~	~	~	~
Massachusetts	0.7 (0.4- 1.1)	0.6 (0.4- 1.0)	~	~
New Hampshire	~	~	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	~	~
New Jersey	0.7 (0.5- 1.0)	0.7 (0.5- 1.1)	~	~
New York	0.4 (0.3- 0.6)	0.5 (0.3- 0.6)	~	~
Pennsylvania	0.5 (0.3- 0.7)	0.5 (0.3- 0.7)	~	~
Midwest	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	~	~
East North Central	0.4 (0.3- 0.5)	0.4 (0.3- 0.5)	~	~
Illinois	~	~	~	~
Indiana	~	~	~	~
Michigan	0.4 (0.2- 0.7)	~	~	~
Ohio	0.5 (0.3- 0.7)	0.5 (0.3- 0.7)	~	~
Wisconsin	~	~	~	~
West North Central	0.6 (0.4- 0.8)	0.6 (0.4- 0.8)	~	~
Iowa	~	~	~	~
Kansas	~	~	~	~
Minnesota	~	~	~	~
Missouri	~	~	~	~
Nebraska	~	~	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	0.4 (0.3- 0.7)	~
South Atlantic	0.4 (0.4- 0.5)	0.4 (0.4- 0.6)	~	~
Delaware	~	~	~	~
District of Columbia	~	~	~	~
Florida	0.4 (0.3- 0.6)	0.4 (0.3- 0.6)	~	~
Georgia	~	~	~	~
Maryland	~	~	~	~
North Carolina	0.5 (0.3- 0.9)	0.6 (0.3- 1.0)	~	~
South Carolina	~	~	~	~
Virginia	~	~	~	~
West Virginia	~	~	~	~
East South Central	0.4 (0.3- 0.6)	0.5 (0.3- 0.7)	~	~
Alabama	~	~	~	~
Kentucky	~	~	~	~
Mississippi	~	~	~	~
Tennessee	~	~	~	~
West South Central	0.6 (0.4- 0.7)	0.6 (0.4- 0.7)	~	~
Arkansas	~	~	~	~

continued

Table 2.21.1.2M: Cancer of the Thyroid. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	~	~	~	~
Oklahoma	~	~	~	~
Texas	0.5 (0.4- 0.7)	0.5 (0.4- 0.8)	~	~
West	0.4 (0.3- 0.5)	0.4 (0.4- 0.5)	~	0.6 (0.3- 1.1)
Mountain	0.4 (0.3- 0.6)	0.4 (0.3- 0.6)	~	~
Arizona	~	~	~	~
Colorado	~	~	~	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	~	~	~	~
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	0.4 (0.3- 0.5)	0.4 (0.3- 0.6)	~	~
Alaska	~	~	~	~
California	0.5 (0.3- 0.6)	0.5 (0.4- 0.6)	~	~
Hawaii	~	~	~	~
Oregon	~	~	~	~
Washington	~	~	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.21.1.2F: Cancer of the Thyroid. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	0.5 (0.4- 0.5)	0.5 (0.4- 0.5)	0.6 (0.5- 0.7)	0.6 (0.5- 0.8)
Northeast	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	0.6 (0.4- 1.0)	~
New England	0.4 (0.3- 0.5)	0.4 (0.3- 0.6)	~	~
Connecticut	~	~	~	~
Maine	~	~	~	~
Massachusetts	~	~	~	~
New Hampshire	~	~	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	0.7 (0.4- 1.1)	~
New Jersey	0.6 (0.4- 0.8)	0.6 (0.4- 0.9)	~	~
New York	0.5 (0.4- 0.7)	0.5 (0.4- 0.7)	~	~
Pennsylvania	0.5 (0.3- 0.7)	0.5 (0.3- 0.7)	~	~
Midwest	0.5 (0.4- 0.5)	0.5 (0.4- 0.5)	~	~
East North Central	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	~	~
Illinois	0.6 (0.4- 0.8)	0.5 (0.4- 0.8)	~	~
Indiana	0.5 (0.3- 0.7)	~	~	~
Michigan	0.4 (0.3- 0.7)	0.5 (0.3- 0.7)	~	~
Ohio	0.4 (0.3- 0.6)	0.4 (0.2- 0.6)	~	~
Wisconsin	~	~	~	~
West North Central	0.4 (0.3- 0.6)	0.4 (0.3- 0.6)	~	~
Iowa	~	~	~	~
Kansas	~	~	~	~
Minnesota	~	~	~	~
Missouri	~	~	~	~
Nebraska	~	~	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	0.5 (0.4- 0.5)	0.4 (0.4- 0.5)	0.6 (0.5- 0.8)	0.6 (0.4- 0.9)
South Atlantic	0.4 (0.4- 0.5)	0.4 (0.4- 0.5)	0.5 (0.3- 0.7)	~
Delaware	~	~	~	~
District of Columbia	~	~	~	~
Florida	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	~	~
Georgia	0.5 (0.3- 0.7)	~	~	~
Maryland	~	~	~	~
North Carolina	~	~	~	~
South Carolina	~	~	~	~
Virginia	0.5 (0.3- 0.8)	~	~	~
West Virginia	~	~	~	~
East South Central	0.4 (0.3- 0.6)	0.4 (0.3- 0.6)	~	~
Alabama	~	~	~	~
Kentucky	~	~	~	~
Mississippi	~	~	~	~
Tennessee	0.5 (0.3- 0.7)	~	~	~
West South Central	0.5 (0.4- 0.7)	0.5 (0.4- 0.6)	1.0 (0.6- 1.6)	~
Arkansas	~	~	~	~

continued

Table 2.21.1.2F: Cancer of the Thyroid. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	0.8 (0.5- 1.2)	~	~	~
Oklahoma	~	~	~	~
Texas	0.5 (0.3- 0.6)	0.5 (0.3- 0.6)	~	~
West	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	~	0.9 (0.6- 1.2)
Mountain	0.4 (0.3- 0.6)	0.4 (0.3- 0.6)	~	~
Arizona	~	~	~	~
Colorado	~	~	~	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	~	~	~	~
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	0.5 (0.5- 0.7)	0.5 (0.4- 0.7)	~	0.9 (0.6- 1.4)
Alaska	~	~	~	~
California	0.5 (0.4- 0.7)	0.5 (0.4- 0.6)	~	0.8 (0.5- 1.3)
Hawaii	~	~	~	~
Oregon	~	~	~	~
Washington	0.6 (0.4- 1.0)	0.6 (0.4- 1.0)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.22.1.1M: Hodgkin Lymphoma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	3.0 (2.9- 3.1)	3.1 (3.0- 3.2)	2.7 (2.4- 3.0)	2.8 (2.5- 3.2)
Northeast	3.6 (3.4- 3.9)	3.8 (3.5- 4.1)	3.0 (2.4- 3.8)	3.9 (3.1- 5.2)
New England	3.6 (3.2- 4.1)	3.7 (3.3- 4.3)	~	~
Connecticut	3.8 (2.9- 4.9)	4.1 (3.1- 5.3)	~	~
Maine	3.0 (1.8- 4.8)	3.1 (1.8- 4.9)	~	~
Massachusetts	3.6 (3.0- 4.4)	3.8 (3.1- 4.6)	~	-
New Hampshire	2.7 (1.6- 4.5)	2.8 (1.6- 4.6)	~	-
Rhode Island	4.0 (2.4- 6.3)	4.1 (2.5- 6.5)	~	~
Vermont	~	~	~	~
Middle Atlantic	3.6 (3.4- 3.9)	3.8 (3.5- 4.2)	3.0 (2.4- 3.8)	4.0 (3.1- 5.4)
New Jersey	3.7 (3.2- 4.4)	4.1 (3.4- 4.9)	~	4.4 (2.8- 8.2)
New York	3.5 (3.1- 3.9)	3.6 (3.2- 4.1)	3.4 (2.5- 4.6)	3.8 (2.7- 5.6)
Pennsylvania	3.8 (3.3- 4.3)	3.9 (3.4- 4.5)	~	-
Midwest	3.0 (2.8- 3.2)	3.0 (2.8- 3.2)	2.6 (2.0- 3.3)	2.5 (1.5- 4.5)
East North Central	3.1 (2.9- 3.3)	3.1 (2.9- 3.4)	2.4 (1.8- 3.2)	2.7 (1.6- 5.3)
Illinois	3.2 (2.8- 3.8)	3.2 (2.7- 3.7)	3.3 (2.2- 5.2)	-
Indiana	3.2 (2.6- 4.0)	3.4 (2.8- 4.2)	~	~
Michigan	3.1 (2.6- 3.7)	3.1 (2.6- 3.7)	2.9 (1.8- 4.9)	~
Detroit	3.5 (2.7- 4.5)	3.8 (2.9- 5.1)	~	-
Ohio	3.1 (2.6- 3.6)	3.2 (2.7- 3.8)	~	~
Wisconsin	2.6 (2.1- 3.3)	2.7 (2.1- 3.5)	~	~
West North Central	2.8 (2.5- 3.2)	2.7 (2.4- 3.1)	3.5 (1.9- 6.5)	~
Iowa	2.4 (1.7- 3.4)	2.4 (1.6- 3.4)	~	~
Kansas	2.4 (1.6- 3.4)	2.5 (1.7- 3.6)	~	~
Minnesota	3.1 (2.4- 3.9)	3.0 (2.3- 3.8)	~	~
Missouri	3.0 (2.3- 3.7)	3.0 (2.3- 3.8)	~	~
Nebraska	2.6 (1.6- 4.0)	2.4 (1.4- 3.7)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	~	~	~	~
Florida	3.2 (2.8- 3.6)	3.4 (3.0- 3.9)	2.1 (1.3- 3.6)	-
Georgia	2.8 (2.3- 3.5)	2.7 (2.1- 3.4)	3.8 (2.5- 5.8)	~
Atlanta	3.2 (2.3- 4.6)	3.0 (2.0- 4.8)	4.0 (1.9- 9.0)	~
Maryland				
North Carolina	2.9 (2.4- 3.5)	2.9 (2.3- 3.6)	2.8 (1.8- 4.7)	~
South Carolina	2.9 (2.1- 3.9)	2.6 (1.8- 3.8)	3.7 (2.2- 6.3)	-
Virginia				
West Virginia	3.1 (2.1- 4.6)	3.3 (2.2- 4.8)	~	~
East South Central				
Alabama	2.5 (1.8- 3.3)	2.7 (2.0- 3.8)	~	~
Kentucky	3.8 (3.0- 4.8)	3.8 (2.9- 4.9)	~	-
Mississippi				
Tennessee				

continued

Table 2.22.1.1M: Hodgkin Lymphoma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	2.5 (2.3- 2.8)	2.6 (2.3- 2.9)	2.2 (1.6- 3.1)	2.5 (1.9- 3.4)
Arkansas	2.6 (1.8- 3.6)	2.3 (1.5- 3.4)	~	~
Louisiana	3.1 (2.4- 4.0)	3.6 (2.7- 4.8)	~	-
Oklahoma	3.3 (2.5- 4.3)	3.5 (2.6- 4.6)	~	~
Texas	2.3 (2.0- 2.6)	2.4 (2.0- 2.7)	1.9 (1.1- 3.3)	2.6 (1.9- 3.5)
West	2.7 (2.5- 2.9)	2.9 (2.7- 3.1)	2.5 (1.8- 3.7)	2.4 (2.0- 2.9)
Mountain	2.6 (2.3- 2.9)	2.7 (2.4- 3.1)	~	2.1 (1.3- 3.4)
Arizona	2.6 (2.0- 3.4)	2.8 (2.1- 3.6)	~	~
Colorado	2.8 (2.1- 3.6)	3.0 (2.3- 3.9)	~	~
Idaho	3.8 (2.4- 5.7)	3.9 (2.5- 5.9)	~	~
Montana	~	~	~	-
Nevada	2.7 (1.8- 4.1)	2.5 (1.5- 4.0)	~	-
New Mexico	2.0 (1.2- 3.4)	2.2 (1.3- 3.7)	~	~
Utah	2.0 (1.2- 3.3)	2.0 (1.2- 3.4)	~	~
Wyoming	~	~	~	~
Pacific	2.7 (2.5- 3.0)	3.0 (2.7- 3.2)	2.7 (1.9- 4.1)	2.5 (2.0- 3.2)
Alaska	~	~	~	-
California	2.8 (2.5- 3.0)	3.0 (2.7- 3.3)	2.6 (1.8- 4.1)	2.5 (2.0- 3.2)
San Francisco-Oakland	3.0 (2.3- 3.8)	3.5 (2.6- 4.7)	~	~
San Jose-Monterey	2.9 (1.9- 4.2)	3.4 (2.3- 5.0)	~	~
Los Angeles	3.1 (2.6- 3.7)	3.5 (2.9- 4.2)	~	2.9 (2.0- 4.3)
Hawaii	~	~	~	-
Oregon	2.3 (1.6- 3.1)	2.3 (1.6- 3.2)	~	~
Washington	3.1 (2.5- 3.8)	3.2 (2.5- 4.0)	~	~
Seattle-Puget Sound	3.0 (2.3- 3.9)	3.2 (2.4- 4.2)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.22.1.1F: Hodgkin Lymphoma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	2.4 (2.3- 2.5)	2.5 (2.4- 2.6)	1.7 (1.5- 2.0)	1.6 (1.4- 1.9)
Northeast	2.9 (2.7- 3.1)	3.1 (2.9- 3.4)	1.6 (1.2- 2.1)	2.0 (1.5- 2.7)
New England	2.7 (2.3- 3.1)	2.8 (2.4- 3.2)	~	~
Connecticut	2.7 (2.0- 3.6)	2.8 (2.0- 3.9)	~	~
Maine	2.7 (1.6- 4.4)	2.8 (1.6- 4.5)	~	~
Massachusetts	2.7 (2.2- 3.4)	2.9 (2.3- 3.6)	~	-
New Hampshire	2.4 (1.4- 4.0)	~	~	-
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	3.0 (2.7- 3.2)	3.3 (3.0- 3.6)	1.6 (1.2- 2.1)	2.2 (1.6- 3.0)
New Jersey	3.2 (2.7- 3.8)	3.5 (2.9- 4.3)	~	~
New York	2.9 (2.5- 3.2)	3.2 (2.8- 3.6)	1.4 (0.9- 2.0)	2.6 (1.8- 3.7)
Pennsylvania	3.0 (2.5- 3.4)	3.2 (2.7- 3.7)	~	-
Midwest	2.5 (2.3- 2.7)	2.6 (2.4- 2.8)	1.9 (1.5- 2.5)	2.7 (1.6- 4.4)
East North Central	2.7 (2.5- 2.9)	2.8 (2.6- 3.1)	2.0 (1.5- 2.6)	2.6 (1.5- 4.5)
Illinois	2.5 (2.1- 2.9)	2.7 (2.2- 3.1)	1.6 (0.9- 2.6)	-
Indiana	3.0 (2.5- 3.7)	3.2 (2.6- 3.9)	~	~
Michigan	2.5 (2.1- 3.0)	2.6 (2.1- 3.2)	~	~
Detroit	2.6 (2.0- 3.5)	2.7 (1.9- 3.7)	~	-
Ohio	2.7 (2.3- 3.1)	2.7 (2.2- 3.2)	2.6 (1.5- 4.1)	~
Wisconsin	3.3 (2.7- 4.1)	3.3 (2.7- 4.2)	~	~
West North Central	2.0 (1.7- 2.3)	2.0 (1.7- 2.4)	~	~
Iowa	1.5 (0.9- 2.3)	1.4 (0.9- 2.2)	~	~
Kansas	1.7 (1.1- 2.6)	1.8 (1.1- 2.7)	~	~
Minnesota	2.3 (1.8- 3.0)	2.3 (1.7- 3.0)	~	~
Missouri	1.9 (1.4- 2.5)	2.1 (1.5- 2.7)	~	~
Nebraska	3.0 (2.0- 4.4)	2.6 (1.6- 4.0)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	~	~	~	~
Florida	2.1 (1.8- 2.5)	2.3 (2.0- 2.7)	~	-
Georgia	2.4 (1.9- 2.9)	2.4 (1.8- 3.0)	2.5 (1.7- 3.6)	~
Atlanta	2.5 (1.8- 3.5)	2.4 (1.5- 3.8)	~	~
Maryland				
North Carolina	2.2 (1.8- 2.7)	2.2 (1.7- 2.8)	2.2 (1.3- 3.4)	~
South Carolina	2.2 (1.7- 3.0)	2.3 (1.6- 3.3)	~	-
Virginia				
West Virginia	2.6 (1.7- 4.0)	2.8 (1.8- 4.1)	~	~
East South Central				
Alabama	2.1 (1.5- 2.8)	2.5 (1.8- 3.4)	~	~
Kentucky	2.7 (2.0- 3.5)	2.9 (2.2- 3.7)	~	-
Mississippi				
Tennessee				

continued

Table 2.22.1.1F: Hodgkin Lymphoma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	2.0 (1.8- 2.2)	2.0 (1.8- 2.3)	1.7 (1.2- 2.4)	1.6 (1.1- 2.2)
Arkansas	3.0 (2.2- 4.1)	3.0 (2.1- 4.2)	~	~
Louisiana	2.5 (1.9- 3.2)	3.2 (2.3- 4.2)	~	-
Oklahoma	1.9 (1.3- 2.6)	2.1 (1.4- 3.0)	~	~
Texas	1.7 (1.5- 2.0)	1.7 (1.5- 2.0)	2.1 (1.3- 3.1)	1.5 (1.0- 2.1)
West	2.1 (2.0- 2.3)	2.3 (2.2- 2.5)	1.6 (1.1- 2.4)	1.5 (1.2- 1.9)
Mountain	2.3 (2.0- 2.6)	2.3 (2.0- 2.7)	~	2.0 (1.2- 3.1)
Arizona	2.0 (1.5- 2.6)	2.1 (1.5- 2.8)	~	~
Colorado	2.7 (2.1- 3.5)	2.8 (2.1- 3.7)	~	~
Idaho	3.7 (2.4- 5.6)	3.9 (2.5- 5.8)	~	~
Montana	~	~	~	-
Nevada	3.0 (2.1- 4.4)	2.9 (1.9- 4.3)	~	-
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	2.1 (1.9- 2.3)	2.3 (2.1- 2.6)	1.5 (0.9- 2.3)	1.4 (1.1- 1.8)
Alaska	~	~	~	-
California	2.0 (1.8- 2.3)	2.3 (2.0- 2.5)	1.5 (0.9- 2.4)	1.4 (1.1- 1.9)
San Francisco-Oakland	2.2 (1.6- 2.9)	2.6 (1.8- 3.6)	~	~
San Jose-Monterey	2.5 (1.7- 3.6)	3.1 (2.0- 4.5)	~	~
Los Angeles	2.3 (1.9- 2.7)	2.6 (2.1- 3.2)	~	1.6 (1.1- 2.5)
Hawaii	~	~	~	-
Oregon	1.9 (1.3- 2.7)	1.8 (1.2- 2.6)	~	~
Washington	2.8 (2.3- 3.5)	3.2 (2.5- 3.9)	~	~
Seattle-Puget Sound	2.7 (2.1- 3.6)	3.1 (2.3- 4.1)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.22.1.2M: Hodgkin Lymphoma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	0.6 (0.5- 0.6)	0.6 (0.5- 0.6)	0.5 (0.4- 0.7)	0.7 (0.5- 0.9)
Northeast	0.6 (0.5- 0.8)	0.7 (0.6- 0.8)	0.6 (0.3- 1.1)	~
New England	0.7 (0.5- 0.9)	0.6 (0.5- 0.9)	~	~
Connecticut	~	~	~	~
Maine	~	~	~	~
Massachusetts	0.7 (0.4- 1.0)	0.6 (0.4- 1.0)	~	~
New Hampshire	~	~	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	0.6 (0.5- 0.8)	0.7 (0.6- 0.8)	~	~
New Jersey	0.5 (0.3- 0.8)	0.6 (0.3- 0.9)	~	~
New York	0.6 (0.5- 0.8)	0.7 (0.5- 0.9)	~	~
Pennsylvania	0.7 (0.5- 1.0)	0.8 (0.5- 1.0)	~	~
Midwest	0.6 (0.5- 0.7)	0.6 (0.5- 0.7)	~	~
East North Central	0.5 (0.4- 0.6)	0.5 (0.4- 0.7)	~	~
Illinois	0.6 (0.4- 0.8)	0.6 (0.4- 0.9)	~	~
Indiana	~	~	~	~
Michigan	0.6 (0.4- 0.9)	0.5 (0.3- 0.8)	~	~
Ohio	0.6 (0.4- 0.9)	0.6 (0.4- 0.9)	~	~
Wisconsin	~	~	~	~
West North Central	0.7 (0.5- 0.9)	0.7 (0.6- 1.0)	~	~
Iowa	~	~	~	~
Kansas	~	~	~	~
Minnesota	0.8 (0.5- 1.4)	0.9 (0.5- 1.4)	~	~
Missouri	0.8 (0.5- 1.2)	0.8 (0.5- 1.3)	~	~
Nebraska	~	~	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	0.5 (0.5- 0.6)	0.5 (0.5- 0.6)	0.5 (0.3- 0.7)	0.8 (0.5- 1.2)
South Atlantic	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	0.5 (0.3- 0.9)	~
Delaware	~	~	~	~
District of Columbia	~	~	~	~
Florida	0.5 (0.4- 0.7)	0.5 (0.4- 0.7)	~	~
Georgia	~	~	~	~
Maryland	~	~	~	~
North Carolina	~	~	~	~
South Carolina	~	~	~	~
Virginia	0.6 (0.4- 1.1)	0.7 (0.4- 1.2)	~	~
West Virginia	~	~	~	~
East South Central	0.6 (0.5- 0.9)	0.7 (0.5- 0.9)	~	~
Alabama	~	~	~	~
Kentucky	0.9 (0.5- 1.5)	1.0 (0.6- 1.6)	~	~
Mississippi	~	~	~	~
Tennessee	~	~	~	~
West South Central	0.5 (0.4- 0.7)	0.6 (0.4- 0.7)	~	0.8 (0.4- 1.4)
Arkansas	~	~	~	~

continued

Table 2.22.1.2M: Hodgkin Lymphoma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	~	~	~	~
Oklahoma	~	~	~	~
Texas	0.5 (0.4- 0.7)	0.5 (0.4- 0.8)	~	0.8 (0.5- 1.5)
West	0.5 (0.4- 0.6)	0.6 (0.5- 0.7)	~	0.6 (0.3- 1.0)
Mountain	0.4 (0.3- 0.6)	0.4 (0.3- 0.6)	~	~
Arizona	~	~	~	~
Colorado	~	~	~	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	~	~	~	~
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	0.6 (0.5- 0.7)	0.6 (0.5- 0.8)	~	0.7 (0.4- 1.2)
Alaska	~	~	~	~
California	0.6 (0.5- 0.7)	0.6 (0.5- 0.8)	~	0.7 (0.4- 1.2)
Hawaii	~	~	~	~
Oregon	~	~	~	~
Washington	0.6 (0.4- 1.0)	0.7 (0.4- 1.1)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.22.1.2F: Hodgkin Lymphoma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	0.4 (0.4- 0.4)	0.4 (0.4- 0.4)	0.4 (0.3- 0.5)	0.3 (0.2- 0.4)
Northeast	0.5 (0.4- 0.5)	0.5 (0.4- 0.6)	~	~
New England	0.4 (0.3- 0.6)	0.4 (0.3- 0.6)	~	~
Connecticut	~	~	~	~
Maine	~	~	~	~
Massachusetts	0.6 (0.3- 0.9)	0.6 (0.4- 1.0)	~	~
New Hampshire	~	~	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	0.5 (0.4- 0.6)	0.5 (0.4- 0.6)	~	~
New Jersey	0.5 (0.3- 0.7)	0.6 (0.4- 0.9)	~	~
New York	0.4 (0.3- 0.6)	0.5 (0.3- 0.7)	~	~
Pennsylvania	0.5 (0.3- 0.7)	0.5 (0.3- 0.7)	~	~
Midwest	0.4 (0.3- 0.5)	0.4 (0.3- 0.5)	~	~
East North Central	0.4 (0.3- 0.5)	0.4 (0.3- 0.5)	~	~
Illinois	0.3 (0.2- 0.5)	0.3 (0.2- 0.5)	~	~
Indiana	0.5 (0.3- 0.8)	0.5 (0.3- 0.8)	~	~
Michigan	0.4 (0.2- 0.6)	0.3 (0.2- 0.6)	~	~
Ohio	0.4 (0.3- 0.6)	0.4 (0.3- 0.7)	~	~
Wisconsin	~	~	~	~
West North Central	0.4 (0.3- 0.5)	0.3 (0.2- 0.5)	~	~
Iowa	~	~	~	~
Kansas	~	~	~	~
Minnesota	~	~	~	~
Missouri	~	~	~	~
Nebraska	~	~	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	0.3 (0.3- 0.4)	0.4 (0.3- 0.4)	0.3 (0.2- 0.5)	~
South Atlantic	0.3 (0.3- 0.4)	0.4 (0.3- 0.5)	~	~
Delaware	~	~	~	~
District of Columbia	~	~	~	~
Florida	0.3 (0.2- 0.4)	0.3 (0.2- 0.5)	~	~
Georgia	~	~	~	~
Maryland	~	~	~	~
North Carolina	0.4 (0.2- 0.7)	~	~	~
South Carolina	~	~	~	~
Virginia	~	~	~	~
West Virginia	~	~	~	~
East South Central	0.3 (0.2- 0.4)	0.3 (0.2- 0.5)	~	~
Alabama	~	~	~	~
Kentucky	~	~	~	~
Mississippi	~	~	~	~
Tennessee	~	~	~	~
West South Central	0.4 (0.3- 0.5)	0.4 (0.3- 0.5)	~	~
Arkansas	~	~	~	~

continued

Table 2.22.1.2F: Hodgkin Lymphoma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	~	~	~	~
Oklahoma	~	~	~	~
Texas	0.4 (0.2- 0.5)	0.3 (0.2- 0.5)	~	~
West	0.4 (0.3- 0.4)	0.4 (0.3- 0.5)	~	~
Mountain	0.4 (0.3- 0.5)	0.4 (0.3- 0.5)	~	~
Arizona	~	~	~	~
Colorado	~	~	~	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	~	~	~	~
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	0.4 (0.3- 0.4)	0.4 (0.3- 0.5)	~	~
Alaska	~	~	~	~
California	0.4 (0.3- 0.5)	0.4 (0.3- 0.5)	~	~
Hawaii	~	~	~	~
Oregon	~	~	~	~
Washington	~	~	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.23.1.1M: Non-Hodgkin Lymphoma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	21.7 (21.4- 22.0)	22.1 (21.8- 22.4)	15.6 (14.8- 16.4)	17.7 (16.7- 18.7)
Northeast	23.9 (23.3- 24.5)	24.0 (23.3- 24.6)	18.6 (16.8- 20.5)	22.1 (19.3- 25.2)
New England	23.2 (22.1- 24.5)	23.3 (22.1- 24.6)	17.8 (13.1- 24.7)	24.2 (16.6- 35.3)
Connecticut	23.7 (21.4- 26.2)	24.4 (21.9- 27.0)	~	24.1 (12.3- 46.2)
Maine	23.3 (19.7- 27.5)	23.6 (19.9- 27.8)	~	~
Massachusetts	23.0 (21.3- 24.9)	22.9 (21.1- 24.8)	21.5 (14.3- 33.1)	-
New Hampshire	24.6 (20.5- 29.3)	24.6 (20.6- 29.4)	~	-
Rhode Island	24.8 (20.6- 29.7)	23.9 (19.6- 28.8)	~	~
Vermont	18.7 (14.0- 24.7)	18.9 (14.1- 25.0)	~	~
Middle Atlantic	24.1 (23.4- 24.8)	24.2 (23.5- 25.0)	18.7 (16.9- 20.8)	21.8 (18.9- 25.2)
New Jersey	26.7 (25.1- 28.4)	26.8 (25.0- 28.6)	21.2 (17.1- 26.4)	22.6 (16.8- 30.5)
New York	22.9 (21.8- 23.9)	23.3 (22.2- 24.5)	16.8 (14.4- 19.5)	20.3 (17.0- 24.4)
Pennsylvania	24.1 (22.9- 25.4)	23.9 (22.6- 25.2)	20.8 (16.7- 25.9)	-
Midwest	22.3 (21.8- 22.9)	22.6 (22.0- 23.2)	15.9 (14.2- 17.8)	17.4 (13.6- 22.2)
East North Central	22.2 (21.5- 22.9)	22.6 (21.9- 23.3)	15.4 (13.6- 17.4)	16.8 (12.6- 22.3)
Illinois	21.6 (20.4- 22.9)	22.6 (21.2- 24.0)	13.2 (10.4- 16.7)	-
Indiana	21.0 (19.3- 22.9)	21.5 (19.7- 23.4)	13.8 (8.6- 21.8)	~
Michigan	22.5 (21.1- 24.0)	22.6 (21.1- 24.1)	17.3 (13.8- 21.8)	22.5 (11.4- 43.7)
Detroit	23.5 (21.3- 26.0)	25.0 (22.3- 27.9)	17.5 (13.3- 22.9)	-
Ohio	23.2 (21.8- 24.5)	23.3 (21.9- 24.8)	16.5 (13.0- 21.0)	~
Wisconsin	22.0 (20.2- 24.0)	22.2 (20.3- 24.2)	~	~
West North Central	22.7 (21.6- 23.7)	22.5 (21.5- 23.6)	18.9 (14.4- 24.8)	20.0 (11.7- 33.8)
Iowa	20.9 (18.6- 23.4)	20.8 (18.4- 23.3)	~	~
Kansas	22.3 (19.7- 25.1)	22.1 (19.4- 25.0)	~	~
Minnesota	25.3 (23.2- 27.5)	24.7 (22.6- 27.0)	~	~
Missouri	22.2 (20.4- 24.2)	22.4 (20.5- 24.5)	17.9 (12.5- 25.6)	~
Nebraska	21.0 (17.9- 24.5)	20.9 (17.8- 24.5)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	21.1 (15.8- 28.0)	23.7 (14.2- 39.2)	19.2 (12.9- 27.9)	~
Florida	21.2 (20.3- 22.2)	21.3 (20.3- 22.3)	15.3 (12.8- 18.4)	-
Georgia	17.3 (15.8- 18.9)	17.8 (16.2- 19.7)	14.0 (11.3- 17.4)	~
Atlanta	20.1 (17.2- 23.4)	21.5 (18.0- 25.7)	15.9 (11.3- 23.1)	~
Maryland				
North Carolina	19.3 (17.9- 20.9)	20.5 (18.9- 22.3)	13.2 (10.4- 16.8)	~
South Carolina	19.6 (17.5- 21.9)	21.4 (19.0- 24.2)	11.3 (8.2- 15.3)	-
Virginia				
West Virginia	22.3 (19.4- 25.7)	22.9 (19.9- 26.4)	~	~
East South Central				
Alabama	18.2 (16.3- 20.2)	19.6 (17.4- 21.9)	11.7 (8.6- 15.8)	~
Kentucky	19.3 (17.3- 21.5)	18.9 (16.9- 21.2)	21.2 (13.1- 33.7)	-
Mississippi				
Tennessee				

continued

Table 2.23.1.1M: Non-Hodgkin Lymphoma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	20.1 (19.3- 20.9)	20.8 (19.9- 21.7)	13.6 (11.8- 15.8)	15.4 (13.5- 17.5)
Arkansas	20.6 (18.1- 23.3)	21.5 (18.8- 24.4)	~	~
Louisiana	23.3 (21.1- 25.7)	26.3 (23.6- 29.4)	14.2 (11.0- 18.2)	-
Oklahoma	21.5 (19.3- 24.0)	22.3 (19.8- 24.9)	~	~
Texas	19.0 (18.0- 20.0)	19.3 (18.3- 20.4)	13.7 (11.1- 16.9)	15.2 (13.3- 17.4)
West	21.2 (20.7- 21.8)	21.6 (21.0- 22.3)	16.1 (13.7- 18.8)	17.8 (16.3- 19.5)
Mountain	19.5 (18.5- 20.5)	19.7 (18.6- 20.7)	7.4 (4.4- 14.2)	14.5 (11.9- 17.7)
Arizona	17.9 (16.2- 19.7)	18.3 (16.6- 20.2)	~	17.0 (11.8- 24.4)
Colorado	21.6 (19.4- 24.0)	21.7 (19.4- 24.2)	~	16.7 (10.9- 25.8)
Idaho	20.4 (16.8- 24.5)	20.5 (16.9- 24.7)	~	~
Montana	24.3 (19.9- 29.5)	23.3 (18.9- 28.4)	~	-
Nevada	18.3 (15.4- 21.6)	18.6 (15.6- 22.2)	~	-
New Mexico	15.7 (13.0- 18.8)	15.4 (12.7- 18.6)	~	10.9 (7.3- 16.2)
Utah	24.2 (20.8- 28.0)	24.4 (20.9- 28.3)	~	~
Wyoming	15.2 (10.4- 21.7)	15.5 (10.7- 22.2)	~	~
Pacific	21.9 (21.2- 22.6)	22.6 (21.8- 23.3)	17.7 (15.0- 20.8)	19.0 (17.2- 21.0)
Alaska	23.9 (17.0- 34.1)	23.4 (15.6- 35.5)	~	-
California	21.3 (20.6- 22.1)	22.0 (21.2- 22.9)	17.9 (15.0- 21.3)	18.8 (17.0- 20.9)
San Francisco-Oakland	26.6 (24.3- 29.2)	28.3 (25.5- 31.4)	21.7 (15.2- 30.7)	27.7 (19.6- 38.6)
San Jose-Monterey	21.3 (18.4- 24.6)	22.7 (19.3- 26.5)	~	12.3 (7.6- 21.3)
Los Angeles	21.9 (20.4- 23.6)	23.3 (21.5- 25.3)	17.6 (13.4- 23.0)	18.1 (15.2- 21.5)
Hawaii	18.3 (15.0- 22.1)	21.8 (15.1- 31.1)	~	-
Oregon	22.4 (20.1- 24.8)	22.0 (19.7- 24.5)	~	~
Washington	25.6 (23.7- 27.7)	25.7 (23.6- 27.8)	~	28.0 (13.5- 53.2)
Seattle-Puget Sound	26.2 (23.8- 28.8)	27.3 (24.7- 30.1)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.23.1.1F: Non-Hodgkin Lymphoma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	15.4 (15.2- 15.6)	15.8 (15.6- 16.0)	10.7 (10.1- 11.2)	13.2 (12.5- 14.0)
Northeast	16.4 (16.0- 16.9)	16.7 (16.2- 17.2)	11.4 (10.2- 12.6)	13.0 (11.3- 14.9)
New England	16.1 (15.2- 17.0)	16.1 (15.2- 17.0)	9.8 (6.8- 13.9)	15.7 (10.5- 23.0)
Connecticut	15.9 (14.2- 17.8)	16.1 (14.3- 18.0)	~	~
Maine	17.8 (14.9- 21.0)	17.9 (15.1- 21.3)	~	~
Massachusetts	16.1 (14.9- 17.5)	16.1 (14.8- 17.5)	10.0 (5.9- 16.3)	-
New Hampshire	15.4 (12.6- 18.7)	15.3 (12.5- 18.7)	~	-
Rhode Island	15.4 (12.5- 18.8)	14.8 (11.9- 18.3)	~	~
Vermont	14.2 (10.5- 19.0)	14.4 (10.7- 19.2)	~	~
Middle Atlantic	16.6 (16.1- 17.1)	17.0 (16.4- 17.6)	11.5 (10.3- 12.9)	12.6 (10.9- 14.6)
New Jersey	17.5 (16.3- 18.7)	18.1 (16.9- 19.5)	11.3 (8.8- 14.4)	12.6 (9.1- 17.1)
New York	15.7 (15.0- 16.5)	16.3 (15.5- 17.2)	11.1 (9.6- 12.9)	11.9 (9.9- 14.3)
Pennsylvania	17.1 (16.2- 18.1)	17.1 (16.2- 18.1)	12.8 (10.2- 15.9)	-
Midwest	16.2 (15.7- 16.6)	16.2 (15.8- 16.7)	12.0 (10.8- 13.4)	15.4 (12.4- 19.2)
East North Central	16.1 (15.6- 16.6)	16.2 (15.6- 16.7)	12.4 (11.1- 13.9)	16.8 (13.3- 21.2)
Illinois	16.1 (15.2- 17.1)	16.7 (15.6- 17.8)	11.8 (9.6- 14.3)	-
Indiana	15.7 (14.4- 17.1)	15.8 (14.5- 17.3)	12.7 (8.4- 18.3)	~
Michigan	16.1 (15.0- 17.2)	16.1 (14.9- 17.2)	13.5 (10.8- 16.7)	~
Detroit	16.2 (14.6- 18.0)	16.9 (15.0- 19.0)	14.0 (10.8- 17.7)	-
Ohio	16.3 (15.4- 17.4)	16.1 (15.1- 17.2)	11.5 (9.0- 14.5)	~
Wisconsin	16.0 (14.6- 17.5)	15.8 (14.4- 17.3)	15.5 (8.8- 26.4)	~
West North Central	16.2 (15.4- 17.0)	16.3 (15.5- 17.1)	9.4 (6.8- 12.8)	~
Iowa	15.0 (13.2- 16.9)	15.1 (13.3- 17.0)	~	~
Kansas	14.5 (12.6- 16.5)	14.4 (12.5- 16.5)	~	~
Minnesota	18.6 (17.0- 20.3)	18.3 (16.7- 20.0)	~	~
Missouri	15.7 (14.4- 17.1)	16.1 (14.7- 17.6)	10.7 (7.3- 15.2)	~
Nebraska	16.5 (14.1- 19.3)	16.4 (13.9- 19.3)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	10.5 (7.3- 14.9)	~	7.6 (4.4- 12.9)	~
Florida	15.6 (14.8- 16.3)	15.8 (14.9- 16.6)	11.7 (9.7- 14.1)	-
Georgia	13.7 (12.6- 14.9)	14.4 (13.1- 15.8)	10.7 (8.7- 13.0)	~
Atlanta	15.2 (13.1- 17.6)	16.1 (13.5- 19.1)	12.2 (8.8- 16.9)	~
Maryland				
North Carolina	12.9 (11.9- 14.0)	13.6 (12.4- 14.9)	9.1 (7.2- 11.4)	~
South Carolina	13.3 (11.8- 14.9)	14.6 (12.8- 16.6)	8.9 (6.7- 11.8)	-
Virginia				
West Virginia	14.6 (12.5- 17.1)	15.0 (12.8- 17.5)	~	~
East South Central				
Alabama	13.4 (12.1- 14.9)	14.6 (13.0- 16.3)	8.7 (6.4- 11.5)	~
Kentucky	17.0 (15.4- 18.8)	17.1 (15.4- 18.9)	11.4 (6.5- 18.8)	-
Mississippi				
Tennessee				

continued

Table 2.23.1.1F: Non-Hodgkin Lymphoma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	14.3 (13.8- 14.9)	14.9 (14.3- 15.6)	10.3 (8.9- 11.8)	13.4 (11.8- 15.1)
Arkansas	13.3 (11.6- 15.2)	13.5 (11.6- 15.6)	10.5 (6.4- 16.4)	~
Louisiana	15.0 (13.5- 16.7)	16.2 (14.4- 18.3)	11.6 (9.1- 14.6)	-
Oklahoma	15.3 (13.6- 17.2)	16.0 (14.2- 18.1)	~	~
Texas	14.2 (13.4- 14.9)	14.7 (13.9- 15.5)	9.0 (7.3- 11.1)	13.1 (11.5- 14.9)
West	14.8 (14.4- 15.2)	15.3 (14.9- 15.8)	9.0 (7.5- 10.8)	13.1 (11.9- 14.3)
Mountain	14.2 (13.4- 14.9)	14.4 (13.6- 15.3)	~	10.3 (8.3- 12.6)
Arizona	13.3 (12.0- 14.7)	13.8 (12.4- 15.3)	~	10.0 (6.8- 14.4)
Colorado	15.7 (14.1- 17.5)	15.6 (13.9- 17.5)	~	13.1 (8.6- 19.6)
Idaho	17.5 (14.5- 21.1)	17.6 (14.5- 21.2)	~	~
Montana	13.5 (10.6- 17.2)	13.1 (10.1- 16.8)	~	-
Nevada	12.9 (10.8- 15.4)	13.9 (11.6- 16.6)	~	-
New Mexico	12.4 (10.3- 14.9)	12.5 (10.3- 15.2)	~	8.2 (5.3- 12.4)
Utah	14.0 (11.6- 16.7)	14.2 (11.8- 17.0)	~	~
Wyoming	16.3 (11.7- 22.2)	15.8 (11.3- 21.7)	~	~
Pacific	15.0 (14.5- 15.5)	15.7 (15.2- 16.3)	9.3 (7.7- 11.3)	14.0 (12.6- 15.5)
Alaska	13.5 (8.8- 20.3)	14.4 (8.9- 22.7)	~	-
California	14.5 (14.0- 15.1)	15.3 (14.7- 16.0)	9.3 (7.6- 11.4)	13.9 (12.5- 15.4)
San Francisco-Oakland	16.0 (14.4- 17.8)	17.4 (15.4- 19.7)	12.7 (8.4- 18.6)	17.7 (12.5- 24.5)
San Jose-Monterey	17.4 (15.1- 20.1)	19.0 (16.2- 22.1)	~	20.4 (13.7- 29.5)
Los Angeles	14.2 (13.2- 15.4)	15.2 (13.9- 16.6)	8.8 (6.3- 11.9)	13.7 (11.6- 16.1)
Hawaii	12.5 (10.0- 15.4)	12.2 (7.4- 19.7)	~	-
Oregon	16.8 (15.0- 18.8)	17.0 (15.1- 19.0)	~	~
Washington	17.4 (16.0- 19.0)	17.3 (15.7- 18.9)	~	19.9 (10.6- 35.8)
Seattle-Puget Sound	18.0 (16.2- 20.0)	18.2 (16.3- 20.3)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.23.1.2M: Non-Hodgkin Lymphoma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	9.9 (9.7- 10.1)	10.2 (10.1- 10.4)	7.3 (6.7- 7.8)	7.5 (6.9- 8.3)
Northeast	9.9 (9.5- 10.4)	10.3 (9.9- 10.8)	6.8 (5.7- 8.2)	6.8 (5.2- 8.9)
New England	9.5 (8.8- 10.3)	9.8 (9.0- 10.6)	~	~
Connecticut	9.8 (8.3- 11.5)	10.1 (8.5- 11.9)	~	~
Maine	8.5 (6.4- 11.1)	8.5 (6.4- 11.2)	~	~
Massachusetts	9.4 (8.3- 10.6)	9.8 (8.7- 11.1)	~	~
New Hampshire	8.3 (6.0- 11.4)	8.4 (6.1- 11.5)	~	~
Rhode Island	11.4 (8.6- 14.9)	11.7 (8.8- 15.4)	~	~
Vermont	10.3 (6.7- 15.2)	10.0 (6.5- 14.9)	~	~
Middle Atlantic	10.1 (9.6- 10.6)	10.5 (10.0- 11.0)	7.2 (6.0- 8.7)	7.3 (5.5- 9.6)
New Jersey	10.0 (9.0- 11.1)	10.4 (9.3- 11.6)	6.7 (4.3- 10.5)	9.5 (5.3- 16.2)
New York	9.7 (9.0- 10.4)	10.3 (9.5- 11.1)	7.0 (5.4- 9.0)	6.6 (4.6- 9.3)
Pennsylvania	10.7 (9.8- 11.5)	10.8 (9.9- 11.7)	8.1 (5.6- 11.8)	~
Midwest	10.7 (10.3- 11.1)	10.9 (10.5- 11.3)	7.8 (6.5- 9.2)	8.7 (6.1- 12.4)
East North Central	10.7 (10.2- 11.2)	11.0 (10.5- 11.5)	7.5 (6.2- 9.0)	8.7 (5.8- 13.1)
Illinois	10.3 (9.4- 11.3)	10.9 (10.0- 12.0)	6.1 (4.2- 8.7)	10.5 (6.3- 17.4)
Indiana	10.5 (9.2- 11.9)	10.8 (9.5- 12.3)	~	~
Michigan	10.9 (9.9- 11.9)	11.0 (10.0- 12.2)	9.1 (6.4- 12.7)	~
Ohio	11.0 (10.1- 12.0)	11.3 (10.3- 12.4)	7.8 (5.2- 11.4)	~
Wisconsin	10.6 (9.3- 12.0)	10.6 (9.3- 12.0)	~	~
West North Central	10.6 (9.9- 11.4)	10.7 (10.0- 11.5)	9.6 (6.1- 14.6)	~
Iowa	10.0 (8.4- 11.9)	10.1 (8.5- 12.0)	~	~
Kansas	12.2 (10.3- 14.4)	12.5 (10.5- 14.8)	~	~
Minnesota	10.7 (9.3- 12.2)	10.8 (9.3- 12.3)	~	~
Missouri	10.8 (9.5- 12.2)	10.8 (9.5- 12.3)	11.0 (6.4- 18.0)	~
Nebraska	8.8 (6.8- 11.2)	8.8 (6.8- 11.3)	~	~
North Dakota	9.7 (6.6- 13.9)	9.9 (6.8- 14.3)	~	~
South Dakota	11.3 (8.1- 15.3)	11.6 (8.3- 15.9)	~	~
South	9.6 (9.3- 9.9)	9.9 (9.6- 10.3)	7.2 (6.5- 8.0)	7.3 (6.3- 8.5)
South Atlantic	9.3 (8.9- 9.7)	9.6 (9.2- 10.0)	7.0 (6.1- 8.1)	6.3 (4.9- 8.0)
Delaware	12.1 (8.6- 16.7)	13.3 (9.5- 18.5)	~	~
District of Columbia	9.6 (5.9- 14.9)	~	11.0 (6.3- 18.5)	~
Florida	9.2 (8.6- 9.8)	9.4 (8.7- 10.1)	6.4 (4.6- 8.8)	7.0 (5.4- 8.9)
Georgia	8.0 (7.0- 9.2)	8.4 (7.2- 9.8)	6.2 (4.4- 8.9)	~
Maryland	9.1 (7.8- 10.6)	9.3 (7.8- 11.0)	8.3 (5.5- 12.4)	~
North Carolina	10.0 (8.9- 11.2)	10.7 (9.4- 12.1)	7.0 (4.8- 9.9)	~
South Carolina	8.4 (7.0- 10.1)	8.9 (7.3- 10.9)	6.5 (4.0- 10.2)	~
Virginia	10.1 (8.9- 11.5)	10.8 (9.4- 12.4)	6.9 (4.6- 10.2)	~
West Virginia	10.7 (8.6- 13.2)	10.8 (8.7- 13.3)	~	~
East South Central	9.8 (9.1- 10.6)	10.4 (9.6- 11.3)	6.4 (4.9- 8.2)	~
Alabama	9.0 (7.7- 10.6)	9.8 (8.3- 11.6)	6.1 (3.9- 9.3)	~
Kentucky	10.3 (8.8- 12.0)	10.1 (8.6- 11.9)	~	~
Mississippi	8.3 (6.7- 10.2)	9.1 (7.1- 11.5)	6.1 (3.7- 9.7)	~
Tennessee	10.8 (9.4- 12.3)	11.5 (10.1- 13.1)	~	~
West South Central	10.0 (9.4- 10.6)	10.3 (9.7- 10.9)	8.3 (6.7- 10.1)	8.3 (6.8- 10.1)
Arkansas	10.7 (8.9- 12.7)	11.1 (9.2- 13.3)	~	~

continued

Table 2.23.1.2M: Non-Hodgkin Lymphoma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	10.3 (8.8- 12.0)	10.9 (9.1- 13.0)	8.2 (5.7- 11.7)	~
Oklahoma	10.2 (8.7- 12.0)	10.5 (8.8- 12.4)	~	~
Texas	9.8 (9.1- 10.6)	10.0 (9.2- 10.8)	8.6 (6.4- 11.5)	8.3 (6.8- 10.2)
West	9.6 (9.2- 10.0)	9.9 (9.5- 10.3)	7.4 (5.7- 9.5)	7.8 (6.7- 9.0)
Mountain	10.0 (9.2- 10.7)	10.0 (9.3- 10.8)	~	8.3 (6.2- 11.1)
Arizona	9.3 (8.1- 10.7)	9.5 (8.2- 10.9)	~	8.9 (5.2- 14.9)
Colorado	9.8 (8.3- 11.7)	9.8 (8.2- 11.7)	~	~
Idaho	9.2 (6.8- 12.3)	9.2 (6.7- 12.2)	~	~
Montana	13.3 (10.0- 17.4)	13.0 (9.7- 17.1)	~	~
Nevada	10.2 (8.0- 13.0)	10.3 (8.0- 13.2)	~	~
New Mexico	10.1 (7.9- 12.7)	10.0 (7.8- 12.8)	~	~
Utah	12.1 (9.6- 15.0)	12.2 (9.7- 15.3)	~	~
Wyoming	~	~	~	~
Pacific	9.5 (9.0- 9.9)	9.9 (9.3- 10.4)	7.3 (5.4- 9.7)	7.5 (6.3- 9.0)
Alaska	~	~	~	~
California	9.1 (8.6- 9.6)	9.5 (8.9- 10.1)	7.2 (5.2- 9.7)	7.1 (5.9- 8.5)
Hawaii	8.3 (6.1- 11.0)	~	~	~
Oregon	10.8 (9.2- 12.6)	10.9 (9.3- 12.7)	~	~
Washington	11.0 (9.7- 12.5)	11.1 (9.7- 12.6)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.23.1.2F: Non-Hodgkin Lymphoma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	6.4 (6.3- 6.5)	6.7 (6.5- 6.8)	4.5 (4.1- 4.8)	4.6 (4.1- 5.0)
Northeast	6.5 (6.2- 6.7)	6.7 (6.5- 7.0)	4.1 (3.4- 4.9)	3.6 (2.7- 4.7)
New England	7.0 (6.5- 7.6)	7.1 (6.5- 7.7)	5.2 (2.9- 8.7)	~
Connecticut	7.1 (6.1- 8.4)	7.3 (6.2- 8.7)	~	~
Maine	8.0 (6.2- 10.3)	8.1 (6.3- 10.4)	~	~
Massachusetts	7.0 (6.2- 7.9)	7.0 (6.2- 7.9)	~	~
New Hampshire	5.2 (3.7- 7.3)	5.3 (3.7- 7.4)	~	~
Rhode Island	7.4 (5.6- 9.8)	7.4 (5.6- 9.9)	~	~
Vermont	6.3 (4.0- 9.7)	6.3 (4.0- 9.8)	~	~
Middle Atlantic	6.3 (6.0- 6.6)	6.6 (6.3- 7.0)	4.0 (3.3- 4.8)	3.5 (2.6- 4.7)
New Jersey	6.8 (6.1- 7.6)	7.1 (6.3- 8.0)	4.4 (2.8- 6.6)	4.2 (2.4- 7.3)
New York	5.5 (5.1- 6.0)	5.8 (5.4- 6.3)	4.5 (3.6- 5.7)	3.3 (2.2- 4.7)
Pennsylvania	6.8 (6.3- 7.4)	7.2 (6.7- 7.9)	~	~
Midwest	7.0 (6.8- 7.3)	7.2 (6.9- 7.5)	4.9 (4.1- 5.7)	3.2 (1.8- 5.3)
East North Central	6.9 (6.6- 7.3)	7.1 (6.8- 7.5)	5.0 (4.2- 6.0)	~
Illinois	6.5 (5.9- 7.1)	6.9 (6.2- 7.5)	4.5 (3.1- 6.2)	~
Indiana	7.8 (6.9- 8.8)	8.0 (7.0- 9.0)	~	~
Michigan	6.9 (6.2- 7.6)	7.1 (6.4- 7.9)	4.9 (3.3- 7.0)	~
Ohio	7.6 (6.9- 8.2)	7.7 (7.1- 8.5)	5.7 (4.0- 8.0)	~
Wisconsin	5.7 (4.9- 6.6)	5.6 (4.8- 6.5)	~	~
West North Central	7.2 (6.8- 7.7)	7.3 (6.8- 7.8)	3.8 (2.1- 6.2)	~
Iowa	7.0 (5.9- 8.3)	7.0 (5.9- 8.3)	~	~
Kansas	7.4 (6.1- 8.8)	7.5 (6.2- 9.1)	~	~
Minnesota	7.4 (6.4- 8.4)	7.5 (6.5- 8.6)	~	~
Missouri	7.5 (6.6- 8.5)	7.8 (6.9- 8.9)	~	~
Nebraska	6.2 (4.8- 8.0)	6.1 (4.7- 7.9)	~	~
North Dakota	6.3 (4.2- 9.4)	6.0 (3.9- 9.1)	~	~
South Dakota	7.9 (5.6- 11.0)	7.6 (5.4- 10.7)	~	~
South	6.1 (5.9- 6.3)	6.5 (6.2- 6.7)	4.4 (3.9- 4.9)	5.2 (4.4- 6.0)
South Atlantic	6.0 (5.7- 6.3)	6.3 (6.0- 6.6)	4.4 (3.8- 5.0)	4.5 (3.5- 5.7)
Delaware	7.6 (5.3- 10.6)	7.3 (4.9- 10.7)	~	~
District of Columbia	5.3 (3.2- 8.7)	~	~	~
Florida	5.5 (5.1- 6.0)	5.6 (5.1- 6.1)	4.4 (3.2- 5.9)	4.8 (3.7- 6.1)
Georgia	6.0 (5.2- 6.8)	6.3 (5.4- 7.2)	4.7 (3.4- 6.3)	~
Maryland	6.5 (5.6- 7.5)	7.4 (6.3- 8.6)	3.4 (2.1- 5.3)	~
North Carolina	6.1 (5.4- 6.9)	6.5 (5.7- 7.4)	4.0 (2.8- 5.6)	~
South Carolina	7.2 (6.1- 8.4)	7.9 (6.6- 9.4)	4.7 (3.1- 6.9)	~
Virginia	6.0 (5.2- 6.8)	6.4 (5.5- 7.4)	4.4 (2.9- 6.4)	~
West Virginia	7.0 (5.6- 8.7)	7.0 (5.6- 8.7)	~	~
East South Central	6.2 (5.8- 6.7)	6.7 (6.2- 7.3)	3.7 (2.8- 4.8)	~
Alabama	6.2 (5.3- 7.3)	7.1 (6.0- 8.3)	3.3 (2.0- 5.3)	~
Kentucky	6.4 (5.4- 7.5)	6.6 (5.6- 7.8)	~	~
Mississippi	5.1 (4.0- 6.3)	5.5 (4.2- 7.1)	3.7 (2.2- 6.0)	~
Tennessee	6.7 (5.9- 7.7)	7.0 (6.1- 8.1)	4.4 (2.6- 7.1)	~
West South Central	6.4 (6.0- 6.8)	6.6 (6.2- 7.1)	4.9 (4.0- 6.1)	5.7 (4.7- 7.0)
Arkansas	6.7 (5.5- 8.0)	6.8 (5.5- 8.3)	~	~

continued

Table 2.23.1.2F: Non-Hodgkin Lymphoma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	6.3 (5.4- 7.4)	7.1 (5.9- 8.5)	3.9 (2.5- 5.9)	~
Oklahoma	7.3 (6.1- 8.5)	7.4 (6.2- 8.8)	~	~
Texas	6.2 (5.7- 6.7)	6.4 (5.9- 6.9)	5.1 (3.7- 6.7)	5.9 (4.8- 7.2)
West	6.0 (5.7- 6.3)	6.2 (5.9- 6.5)	4.7 (3.6- 6.1)	4.6 (3.9- 5.4)
Mountain	6.0 (5.5- 6.5)	5.9 (5.4- 6.4)	~	4.6 (3.3- 6.4)
Arizona	6.1 (5.2- 7.1)	6.0 (5.1- 7.0)	~	~
Colorado	6.1 (5.1- 7.3)	6.1 (5.1- 7.3)	~	~
Idaho	7.2 (5.3- 9.6)	7.0 (5.2- 9.4)	~	~
Montana	5.3 (3.5- 7.7)	5.5 (3.7- 8.0)	~	~
Nevada	5.1 (3.8- 6.7)	5.1 (3.8- 6.9)	~	~
New Mexico	5.6 (4.2- 7.4)	5.5 (4.0- 7.3)	~	5.4 (3.1- 8.9)
Utah	5.7 (4.2- 7.5)	5.5 (4.0- 7.3)	~	~
Wyoming	6.6 (3.8- 10.7)	6.7 (3.9- 11.0)	~	~
Pacific	6.0 (5.7- 6.3)	6.3 (6.0- 6.7)	4.3 (3.1- 5.8)	4.5 (3.7- 5.5)
Alaska	~	~	~	~
California	5.7 (5.4- 6.1)	6.1 (5.7- 6.5)	4.2 (3.0- 5.7)	4.6 (3.8- 5.6)
Hawaii	3.7 (2.5- 5.5)	~	~	~
Oregon	8.1 (6.9- 9.5)	8.2 (6.9- 9.6)	~	~
Washington	6.7 (5.8- 7.6)	6.6 (5.7- 7.6)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.24.1.1M: Multiple Myeloma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	6.4 (6.2- 6.5)	5.9 (5.7- 6.0)	12.0 (11.3- 12.8)	6.2 (5.6- 6.8)
Northeast	6.9 (6.6- 7.2)	6.4 (6.1- 6.8)	11.7 (10.2- 13.4)	7.5 (5.8- 9.7)
New England	6.7 (6.0- 7.3)	6.5 (5.8- 7.2)	10.7 (6.7- 17.2)	~
Connecticut	5.8 (4.7- 7.2)	5.8 (4.6- 7.2)	~	~
Maine	7.2 (5.3- 9.7)	7.0 (5.1- 9.5)	~	~
Massachusetts	7.0 (6.0- 8.1)	6.7 (5.7- 7.8)	~	-
New Hampshire	7.0 (4.9- 9.8)	7.0 (4.9- 9.7)	~	-
Rhode Island	7.5 (5.2- 10.5)	7.0 (4.8- 10.0)	~	~
Vermont	~	~	~	~
Middle Atlantic	7.0 (6.6- 7.4)	6.4 (6.0- 6.8)	11.8 (10.2- 13.7)	8.1 (6.2- 10.5)
New Jersey	7.1 (6.3- 8.1)	6.4 (5.6- 7.4)	14.3 (10.4- 19.6)	10.0 (5.6- 16.9)
New York	7.1 (6.5- 7.7)	6.5 (5.9- 7.1)	11.0 (8.9- 13.5)	8.1 (5.9- 11.0)
Pennsylvania	6.7 (6.1- 7.4)	6.3 (5.6- 7.0)	11.8 (8.7- 16.0)	-
Midwest	6.4 (6.1- 6.7)	5.9 (5.6- 6.2)	12.2 (10.6- 14.0)	7.9 (5.4- 11.4)
East North Central	6.4 (6.1- 6.8)	5.8 (5.5- 6.2)	12.3 (10.6- 14.3)	8.0 (5.3- 12.0)
Illinois	6.2 (5.6- 7.0)	5.7 (5.0- 6.4)	10.2 (7.7- 13.4)	-
Indiana	7.0 (6.0- 8.2)	6.2 (5.2- 7.3)	20.0 (13.3- 29.5)	~
Michigan	6.5 (5.7- 7.3)	5.6 (4.9- 6.4)	13.5 (10.1- 17.8)	~
Detroit	7.9 (6.6- 9.5)	6.3 (5.0- 7.9)	15.1 (11.0- 20.5)	-
Ohio	5.7 (5.1- 6.5)	5.2 (4.5- 5.9)	11.2 (8.1- 15.3)	~
Wisconsin	7.6 (6.5- 8.7)	7.3 (6.3- 8.5)	~	~
West North Central	6.4 (5.8- 6.9)	6.0 (5.5- 6.6)	11.6 (7.9- 16.7)	~
Iowa	6.8 (5.5- 8.3)	6.6 (5.3- 8.1)	~	~
Kansas	5.9 (4.6- 7.4)	5.7 (4.4- 7.3)	~	~
Minnesota	6.9 (5.8- 8.1)	6.6 (5.5- 7.8)	~	~
Missouri	5.6 (4.7- 6.6)	5.2 (4.3- 6.2)	10.8 (6.6- 17.4)	~
Nebraska	7.3 (5.5- 9.5)	6.7 (5.0- 8.9)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	12.3 (8.2- 18.0)	~	17.9 (11.6- 26.7)	~
Florida	6.2 (5.7- 6.7)	5.8 (5.3- 6.4)	9.6 (7.3- 12.5)	-
Georgia	7.4 (6.4- 8.6)	6.4 (5.4- 7.7)	11.6 (8.9- 15.2)	~
Atlanta	6.8 (5.1- 9.1)	4.7 (3.1- 7.1)	14.2 (9.0- 22.3)	~
Maryland				
North Carolina	6.6 (5.7- 7.6)	5.1 (4.2- 6.0)	14.6 (11.4- 18.5)	~
South Carolina	6.4 (5.2- 7.9)	5.3 (4.1- 6.9)	10.0 (6.8- 14.3)	-
Virginia				
West Virginia	6.6 (5.1- 8.6)	6.4 (4.8- 8.4)	~	~
East South Central				
Alabama	6.7 (5.6- 8.0)	5.5 (4.4- 6.9)	11.9 (8.5- 16.4)	~
Kentucky	6.4 (5.3- 7.8)	6.0 (4.9- 7.4)	~	-
Mississippi				
Tennessee				

continued

Table 2.24.1.1M: Multiple Myeloma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	6.2 (5.8- 6.7)	5.5 (5.1- 6.0)	12.8 (10.8- 15.0)	6.0 (4.7- 7.5)
Arkansas	5.4 (4.2- 6.9)	5.1 (3.8- 6.6)	~	~
Louisiana	7.8 (6.5- 9.3)	5.4 (4.2- 6.9)	16.0 (12.2- 20.7)	-
Oklahoma	5.3 (4.2- 6.7)	5.2 (4.0- 6.6)	~	~
Texas	6.2 (5.6- 6.8)	5.7 (5.1- 6.3)	11.7 (9.2- 14.8)	6.1 (4.8- 7.7)
West	5.8 (5.5- 6.1)	5.6 (5.3- 6.0)	12.1 (9.8- 14.8)	5.9 (4.9- 7.0)
Mountain	6.0 (5.5- 6.6)	5.8 (5.3- 6.4)	11.9 (6.6- 21.0)	5.8 (4.1- 8.2)
Arizona	5.0 (4.2- 6.0)	4.9 (4.0- 5.9)	~	7.6 (4.0- 13.6)
Colorado	7.2 (5.9- 8.7)	6.6 (5.3- 8.1)	~	~
Idaho	6.9 (4.9- 9.6)	6.9 (4.8- 9.6)	~	~
Montana	7.0 (4.7- 10.1)	6.5 (4.3- 9.5)	~	-
Nevada	5.8 (4.2- 7.9)	5.9 (4.3- 8.2)	~	-
New Mexico	5.0 (3.6- 6.9)	4.9 (3.4- 6.8)	~	~
Utah	7.2 (5.3- 9.5)	7.4 (5.5- 9.7)	~	~
Wyoming	~	~	~	~
Pacific	5.7 (5.3- 6.0)	5.6 (5.2- 6.0)	12.1 (9.6- 15.1)	5.9 (4.8- 7.2)
Alaska	~	~	~	-
California	5.4 (5.0- 5.8)	5.2 (4.8- 5.7)	12.1 (9.5- 15.3)	5.8 (4.7- 7.1)
San Francisco-Oakland	5.6 (4.6- 6.9)	5.5 (4.3- 7.0)	12.5 (7.2- 20.6)	~
San Jose-Monterey	5.1 (3.8- 6.9)	5.8 (4.2- 7.9)	~	~
Los Angeles	5.7 (4.9- 6.6)	5.2 (4.4- 6.2)	12.6 (8.7- 17.9)	4.0 (2.7- 6.0)
Hawaii	5.3 (3.6- 7.6)	~	~	-
Oregon	7.0 (5.8- 8.5)	6.8 (5.5- 8.2)	~	~
Washington	6.7 (5.7- 7.8)	6.6 (5.6- 7.8)	~	~
Seattle-Puget Sound	6.7 (5.5- 8.1)	6.8 (5.5- 8.3)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.24.1.1F: Multiple Myeloma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	4.1 (4.0- 4.3)	3.7 (3.6- 3.8)	8.2 (7.8- 8.8)	4.1 (3.7- 4.6)
Northeast	4.3 (4.1- 4.5)	3.9 (3.6- 4.1)	8.7 (7.7- 9.8)	4.7 (3.7- 6.0)
New England	3.9 (3.5- 4.4)	3.8 (3.3- 4.2)	8.5 (5.5- 12.8)	~
Connecticut	4.3 (3.5- 5.4)	4.1 (3.2- 5.1)	~	~
Maine	3.9 (2.7- 5.7)	3.9 (2.7- 5.7)	~	~
Massachusetts	3.8 (3.2- 4.4)	3.6 (3.0- 4.3)	~	-
New Hampshire	4.1 (2.7- 6.0)	4.0 (2.6- 5.9)	~	-
Rhode Island	3.7 (2.3- 5.6)	3.7 (2.4- 5.8)	~	~
Vermont	~	~	~	~
Middle Atlantic	4.5 (4.2- 4.7)	3.9 (3.6- 4.2)	8.7 (7.6- 9.9)	4.4 (3.3- 5.7)
New Jersey	5.3 (4.7- 6.0)	5.0 (4.4- 5.7)	7.6 (5.4- 10.3)	6.0 (3.6- 9.6)
New York	4.2 (3.9- 4.6)	3.5 (3.1- 3.9)	9.0 (7.6- 10.7)	4.0 (2.8- 5.5)
Pennsylvania	4.2 (3.8- 4.7)	3.8 (3.4- 4.3)	9.0 (6.8- 11.7)	-
Midwest	4.3 (4.0- 4.5)	3.8 (3.6- 4.0)	8.8 (7.8- 10.0)	3.5 (2.1- 5.6)
East North Central	4.4 (4.1- 4.6)	3.8 (3.5- 4.1)	8.9 (7.8- 10.2)	3.7 (2.1- 6.2)
Illinois	4.8 (4.3- 5.3)	4.0 (3.5- 4.5)	9.9 (7.9- 12.3)	-
Indiana	4.2 (3.6- 5.0)	3.8 (3.1- 4.5)	8.9 (5.3- 13.9)	~
Michigan	4.7 (4.2- 5.4)	4.1 (3.6- 4.8)	8.4 (6.3- 11.0)	~
Detroit	5.5 (4.6- 6.6)	4.4 (3.5- 5.5)	9.6 (7.0- 12.9)	-
Ohio	4.0 (3.5- 4.5)	3.5 (3.0- 4.0)	8.3 (6.2- 11.0)	~
Wisconsin	3.8 (3.1- 4.5)	3.5 (2.9- 4.3)	~	~
West North Central	4.0 (3.6- 4.4)	3.8 (3.5- 4.3)	8.2 (5.6- 11.5)	~
Iowa	4.7 (3.8- 5.9)	4.6 (3.7- 5.8)	~	~
Kansas	3.4 (2.6- 4.5)	3.3 (2.4- 4.4)	~	~
Minnesota	4.5 (3.7- 5.4)	4.3 (3.5- 5.2)	~	~
Missouri	3.6 (2.9- 4.3)	3.4 (2.7- 4.1)	6.0 (3.5- 9.8)	~
Nebraska	3.7 (2.6- 5.1)	3.3 (2.3- 4.8)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	7.9 (5.2- 11.9)	~	9.5 (5.9- 15.0)	~
Florida	3.8 (3.5- 4.2)	3.4 (3.1- 3.8)	7.8 (6.1- 9.8)	-
Georgia	4.6 (3.9- 5.3)	3.1 (2.5- 3.8)	9.3 (7.4- 11.6)	~
Atlanta	4.6 (3.4- 6.0)	2.8 (1.8- 4.3)	9.3 (6.1- 13.8)	~
Maryland				
North Carolina	4.2 (3.6- 4.9)	3.6 (3.0- 4.3)	7.6 (5.8- 9.7)	~
South Carolina	4.9 (4.1- 5.9)	3.5 (2.6- 4.5)	9.5 (7.1- 12.5)	-
Virginia				
West Virginia	4.2 (3.1- 5.6)	4.2 (3.1- 5.7)	~	~
East South Central				
Alabama	4.3 (3.6- 5.2)	3.3 (2.6- 4.2)	8.2 (5.9- 10.9)	~
Kentucky	3.9 (3.2- 4.9)	3.8 (3.0- 4.7)	~	-
Mississippi				
Tennessee				

continued

Table 2.24.1.1F: Multiple Myeloma. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	4.2 (3.9- 4.5)	3.8 (3.5- 4.2)	6.9 (5.7- 8.2)	4.3 (3.4- 5.4)
Arkansas	2.7 (2.0- 3.7)	2.6 (1.9- 3.7)	~	~
Louisiana	4.9 (4.1- 5.9)	4.2 (3.3- 5.3)	7.1 (5.1- 9.6)	-
Oklahoma	3.9 (3.1- 4.8)	3.8 (3.0- 4.9)	~	~
Texas	4.3 (3.9- 4.7)	4.0 (3.5- 4.4)	7.6 (5.9- 9.6)	4.3 (3.3- 5.4)
West	3.8 (3.6- 4.0)	3.7 (3.4- 3.9)	7.5 (6.1- 9.2)	3.9 (3.3- 4.7)
Mountain	3.4 (3.1- 3.8)	3.4 (3.0- 3.8)	~	2.8 (1.8- 4.2)
Arizona	2.7 (2.2- 3.4)	2.7 (2.2- 3.4)	~	~
Colorado	4.0 (3.2- 5.0)	3.7 (2.9- 4.7)	~	~
Idaho	4.4 (3.0- 6.3)	4.5 (3.0- 6.5)	~	~
Montana	3.6 (2.2- 5.7)	3.7 (2.2- 5.9)	~	-
Nevada	3.4 (2.4- 4.8)	3.3 (2.2- 4.8)	~	-
New Mexico	3.1 (2.1- 4.4)	3.0 (2.0- 4.5)	~	~
Utah	3.9 (2.7- 5.5)	3.9 (2.7- 5.5)	~	~
Wyoming	~	~	~	~
Pacific	3.9 (3.7- 4.2)	3.8 (3.5- 4.1)	7.8 (6.3- 9.7)	4.3 (3.6- 5.2)
Alaska	~	~	~	-
California	3.9 (3.6- 4.2)	3.8 (3.4- 4.1)	7.8 (6.2- 9.8)	4.4 (3.6- 5.3)
San Francisco-Oakland	4.2 (3.4- 5.1)	4.0 (3.1- 5.2)	8.7 (5.1- 13.8)	~
San Jose-Monterey	3.8 (2.7- 5.1)	4.1 (2.9- 5.7)	~	~
Los Angeles	4.5 (3.9- 5.2)	4.4 (3.7- 5.2)	7.4 (5.1- 10.4)	4.4 (3.2- 5.9)
Hawaii	~	~	~	-
Oregon	3.8 (3.0- 4.8)	3.7 (2.9- 4.7)	~	~
Washington	4.5 (3.7- 5.3)	4.1 (3.4- 5.0)	~	~
Seattle-Puget Sound	4.7 (3.8- 5.8)	4.5 (3.6- 5.6)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.24.1.2M: Multiple Myeloma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	4.7 (4.5- 4.8)	4.4 (4.3- 4.5)	8.7 (8.1- 9.3)	4.2 (3.7- 4.8)
Northeast	4.5 (4.3- 4.8)	4.4 (4.1- 4.7)	6.5 (5.3- 7.9)	4.6 (3.2- 6.4)
New England	4.6 (4.0- 5.1)	4.6 (4.1- 5.2)	~	~
Connecticut	4.2 (3.2- 5.4)	4.2 (3.2- 5.4)	~	~
Maine	4.9 (3.3- 7.1)	4.9 (3.3- 7.1)	~	~
Massachusetts	4.5 (3.8- 5.4)	4.6 (3.8- 5.6)	~	~
New Hampshire	5.8 (3.8- 8.5)	5.8 (3.9- 8.6)	~	~
Rhode Island	4.8 (3.0- 7.3)	4.4 (2.7- 6.8)	~	~
Vermont	~	~	~	~
Middle Atlantic	4.5 (4.2- 4.8)	4.3 (4.0- 4.6)	6.7 (5.5- 8.2)	4.8 (3.4- 6.9)
New Jersey	5.1 (4.4- 5.9)	4.8 (4.1- 5.6)	8.9 (5.9- 13.5)	~
New York	4.1 (3.7- 4.6)	4.0 (3.5- 4.5)	5.8 (4.3- 7.9)	4.2 (2.7- 6.6)
Pennsylvania	4.6 (4.1- 5.2)	4.4 (3.9- 5.0)	7.0 (4.6- 10.4)	~
Midwest	4.6 (4.4- 4.9)	4.3 (4.0- 4.6)	10.0 (8.5- 11.6)	4.5 (2.6- 7.6)
East North Central	4.7 (4.4- 5.0)	4.3 (4.0- 4.6)	9.9 (8.3- 11.7)	5.4 (3.0- 9.3)
Illinois	4.5 (3.9- 5.2)	4.2 (3.6- 4.9)	7.9 (5.6- 11.0)	~
Indiana	5.4 (4.5- 6.4)	4.7 (3.9- 5.7)	16.5 (10.5- 25.3)	~
Michigan	5.6 (4.9- 6.4)	5.1 (4.4- 6.0)	10.5 (7.5- 14.5)	~
Ohio	4.3 (3.7- 4.9)	3.8 (3.2- 4.4)	10.6 (7.5- 14.6)	~
Wisconsin	3.7 (2.9- 4.5)	3.7 (3.0- 4.6)	~	~
West North Central	4.5 (4.0- 5.0)	4.3 (3.9- 4.8)	10.2 (6.6- 15.4)	~
Iowa	4.6 (3.6- 5.9)	4.7 (3.6- 6.0)	~	~
Kansas	4.9 (3.7- 6.3)	4.6 (3.4- 6.0)	~	~
Minnesota	4.4 (3.5- 5.4)	4.4 (3.5- 5.4)	~	~
Missouri	4.4 (3.6- 5.3)	3.9 (3.1- 4.8)	9.8 (5.6- 16.4)	~
Nebraska	4.7 (3.3- 6.6)	4.6 (3.2- 6.4)	~	~
North Dakota	~	~	~	~
South Dakota	~	~	~	~
South	4.9 (4.7- 5.1)	4.4 (4.1- 4.6)	8.9 (8.1- 9.8)	3.7 (2.9- 4.5)
South Atlantic	4.8 (4.5- 5.1)	4.2 (3.9- 4.5)	9.0 (7.9- 10.2)	3.8 (2.8- 5.2)
Delaware	6.0 (3.6- 9.7)	5.6 (3.3- 9.4)	~	~
District of Columbia	7.4 (4.2- 12.3)	~	~	~
Florida	3.8 (3.4- 4.2)	3.7 (3.3- 4.1)	6.2 (4.4- 8.8)	3.7 (2.5- 5.2)
Georgia	5.8 (4.9- 6.8)	4.9 (4.0- 6.0)	10.0 (7.3- 13.5)	~
Maryland	5.2 (4.3- 6.3)	4.4 (3.4- 5.6)	9.3 (6.3- 13.7)	~
North Carolina	5.2 (4.4- 6.1)	4.5 (3.7- 5.4)	9.4 (6.9- 12.8)	~
South Carolina	5.9 (4.7- 7.3)	5.2 (3.9- 6.9)	8.4 (5.6- 12.5)	~
Virginia	5.4 (4.5- 6.4)	4.5 (3.7- 5.5)	10.5 (7.4- 14.6)	~
West Virginia	4.9 (3.5- 6.6)	4.5 (3.2- 6.3)	~	~
East South Central	5.5 (4.9- 6.1)	4.7 (4.2- 5.3)	10.3 (8.3- 12.6)	~
Alabama	5.7 (4.6- 6.9)	4.6 (3.5- 5.8)	10.7 (7.4- 14.9)	~
Kentucky	6.1 (4.9- 7.4)	5.7 (4.5- 7.1)	~	~
Mississippi	4.4 (3.3- 5.9)	3.1 (2.0- 4.7)	8.4 (5.3- 12.7)	~
Tennessee	5.3 (4.4- 6.4)	4.7 (3.8- 5.8)	11.0 (7.1- 16.4)	~
West South Central	4.7 (4.3- 5.1)	4.4 (4.0- 4.9)	7.7 (6.1- 9.5)	3.4 (2.5- 4.7)
Arkansas	5.6 (4.3- 7.1)	5.0 (3.8- 6.6)	~	~

continued

Table 2.24.1.2M: Multiple Myeloma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	4.7 (3.7- 5.9)	4.1 (3.1- 5.5)	6.7 (4.2- 10.2)	~
Oklahoma	4.6 (3.6- 5.9)	4.5 (3.4- 5.8)	~	~
Texas	4.6 (4.1- 5.1)	4.4 (3.9- 4.9)	7.5 (5.5- 10.1)	3.5 (2.6- 4.8)
West	4.5 (4.2- 4.8)	4.5 (4.2- 4.8)	9.4 (7.3- 11.9)	4.7 (3.9- 5.7)
Mountain	4.5 (4.0- 5.0)	4.4 (3.9- 4.9)	~	4.3 (2.8- 6.6)
Arizona	3.8 (3.0- 4.7)	3.6 (2.8- 4.5)	~	~
Colorado	4.2 (3.2- 5.5)	4.1 (3.1- 5.4)	~	~
Idaho	4.0 (2.5- 6.2)	3.9 (2.4- 6.1)	~	~
Montana	4.6 (2.8- 7.2)	4.7 (2.9- 7.4)	~	~
Nevada	5.6 (4.0- 7.7)	5.5 (3.9- 7.7)	~	~
New Mexico	4.7 (3.2- 6.5)	4.3 (2.9- 6.2)	~	~
Utah	6.4 (4.6- 8.6)	6.5 (4.7- 8.9)	~	~
Wyoming	~	~	~	~
Pacific	4.5 (4.2- 4.8)	4.6 (4.3- 5.0)	9.4 (7.2- 12.2)	4.9 (3.9- 6.1)
Alaska	~	~	~	~
California	4.2 (3.9- 4.6)	4.3 (3.9- 4.7)	9.5 (7.2- 12.5)	4.9 (3.8- 6.1)
Hawaii	~	~	~	~
Oregon	5.2 (4.1- 6.5)	5.2 (4.1- 6.5)	~	~
Washington	5.6 (4.7- 6.7)	5.7 (4.8- 6.9)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.24.1.2F: Multiple Myeloma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	3.2 (3.1- 3.3)	2.9 (2.8- 3.0)	6.3 (5.9- 6.7)	2.5 (2.2- 2.9)
Northeast	3.0 (2.9- 3.2)	2.8 (2.6- 3.0)	5.8 (4.9- 6.7)	2.1 (1.4- 3.1)
New England	3.0 (2.6- 3.4)	2.9 (2.6- 3.3)	~	~
Connecticut	2.9 (2.2- 3.7)	2.7 (2.0- 3.6)	~	~
Maine	3.9 (2.7- 5.6)	3.9 (2.7- 5.7)	~	~
Massachusetts	3.1 (2.6- 3.7)	3.1 (2.6- 3.7)	~	~
New Hampshire	~	~	~	~
Rhode Island	2.3 (1.3- 3.9)	2.4 (1.4- 4.2)	~	~
Vermont	~	~	~	~
Middle Atlantic	3.1 (2.8- 3.3)	2.7 (2.5- 3.0)	5.9 (5.0- 6.9)	2.1 (1.4- 3.1)
New Jersey	3.5 (3.0- 4.1)	3.2 (2.7- 3.8)	7.0 (4.9- 9.8)	~
New York	2.8 (2.5- 3.1)	2.3 (2.0- 2.6)	5.6 (4.4- 6.9)	2.1 (1.2- 3.3)
Pennsylvania	3.2 (2.8- 3.6)	3.0 (2.6- 3.4)	5.6 (3.9- 7.8)	~
Midwest	3.3 (3.2- 3.5)	3.1 (2.9- 3.2)	7.2 (6.3- 8.3)	~
East North Central	3.3 (3.1- 3.5)	2.9 (2.7- 3.1)	7.4 (6.3- 8.6)	~
Illinois	3.5 (3.0- 3.9)	3.0 (2.6- 3.5)	6.9 (5.2- 9.1)	~
Indiana	3.3 (2.8- 4.0)	3.0 (2.4- 3.7)	9.4 (5.7- 14.5)	~
Michigan	3.3 (2.9- 3.8)	3.0 (2.5- 3.5)	6.3 (4.4- 8.6)	~
Ohio	3.3 (2.9- 3.7)	2.8 (2.4- 3.3)	8.0 (5.9- 10.6)	~
Wisconsin	2.8 (2.2- 3.4)	2.5 (2.0- 3.2)	~	~
West North Central	3.5 (3.1- 3.8)	3.4 (3.1- 3.8)	6.4 (4.2- 9.5)	~
Iowa	3.9 (3.1- 4.9)	3.8 (3.0- 4.9)	~	~
Kansas	3.6 (2.7- 4.7)	3.6 (2.7- 4.7)	~	~
Minnesota	3.2 (2.6- 4.0)	3.2 (2.5- 4.0)	~	~
Missouri	3.6 (3.0- 4.3)	3.4 (2.8- 4.1)	6.2 (3.6- 10.0)	~
Nebraska	2.6 (1.7- 3.8)	2.6 (1.7- 3.8)	~	~
North Dakota	~	~	~	~
South Dakota	3.7 (2.1- 6.2)	3.9 (2.2- 6.5)	~	~
South	3.2 (3.1- 3.4)	2.8 (2.6- 2.9)	6.3 (5.8- 6.9)	2.4 (1.9- 3.0)
South Atlantic	3.2 (3.0- 3.4)	2.6 (2.4- 2.8)	6.6 (5.9- 7.4)	1.7 (1.1- 2.5)
Delaware	~	~	~	~
District of Columbia	5.2 (3.1- 8.5)	~	~	~
Florida	2.4 (2.1- 2.7)	2.2 (2.0- 2.5)	4.6 (3.3- 6.2)	1.8 (1.2- 2.7)
Georgia	3.7 (3.1- 4.4)	2.8 (2.2- 3.5)	7.1 (5.4- 9.1)	~
Maryland	3.1 (2.5- 3.9)	2.2 (1.6- 3.0)	7.1 (5.1- 9.8)	~
North Carolina	4.0 (3.4- 4.6)	3.2 (2.7- 3.9)	7.4 (5.7- 9.6)	~
South Carolina	4.1 (3.3- 5.0)	3.1 (2.4- 4.1)	7.3 (5.2- 9.9)	~
Virginia	3.7 (3.1- 4.4)	3.1 (2.5- 3.8)	6.9 (5.0- 9.3)	~
West Virginia	2.4 (1.6- 3.6)	2.1 (1.4- 3.3)	~	~
East South Central	3.3 (2.9- 3.6)	2.8 (2.5- 3.2)	5.6 (4.5- 6.9)	~
Alabama	3.2 (2.6- 4.0)	2.7 (2.0- 3.5)	5.5 (3.7- 7.9)	~
Kentucky	2.9 (2.3- 3.7)	2.9 (2.2- 3.7)	~	~
Mississippi	3.4 (2.5- 4.4)	2.7 (1.8- 3.9)	5.2 (3.3- 7.8)	~
Tennessee	3.5 (2.9- 4.2)	3.0 (2.4- 3.7)	6.8 (4.5- 10.0)	~
West South Central	3.4 (3.1- 3.7)	3.0 (2.8- 3.3)	6.2 (5.1- 7.5)	3.0 (2.3- 4.0)
Arkansas	3.2 (2.4- 4.2)	2.8 (2.0- 3.8)	~	~

continued

Table 2.24.1.2F: Multiple Myeloma. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	3.0 (2.3- 3.7)	2.3 (1.6- 3.1)	5.2 (3.6- 7.4)	~
Oklahoma	3.9 (3.1- 4.9)	3.6 (2.8- 4.6)	~	~
Texas	3.4 (3.1- 3.8)	3.1 (2.8- 3.5)	6.5 (5.0- 8.4)	3.1 (2.3- 4.1)
West	3.0 (2.8- 3.2)	3.0 (2.8- 3.2)	4.9 (3.8- 6.3)	3.0 (2.4- 3.6)
Mountain	3.0 (2.7- 3.4)	3.0 (2.6- 3.3)	~	3.3 (2.2- 4.8)
Arizona	2.4 (1.9- 3.0)	2.3 (1.7- 2.9)	~	~
Colorado	3.2 (2.5- 4.1)	3.1 (2.4- 4.0)	~	~
Idaho	2.6 (1.6- 4.2)	2.7 (1.6- 4.3)	~	~
Montana	3.8 (2.4- 6.0)	3.9 (2.5- 6.2)	~	~
Nevada	3.3 (2.3- 4.7)	3.2 (2.1- 4.6)	~	~
New Mexico	3.2 (2.2- 4.6)	3.0 (2.0- 4.5)	~	~
Utah	3.4 (2.3- 4.9)	3.4 (2.3- 4.9)	~	~
Wyoming	~	~	~	~
Pacific	3.0 (2.8- 3.2)	3.0 (2.8- 3.3)	4.6 (3.4- 6.1)	2.9 (2.3- 3.6)
Alaska	~	~	~	~
California	3.0 (2.7- 3.2)	3.0 (2.8- 3.3)	4.8 (3.6- 6.4)	2.8 (2.2- 3.6)
Hawaii	2.6 (1.6- 4.2)	~	~	~
Oregon	2.6 (2.0- 3.4)	2.6 (2.0- 3.5)	~	~
Washington	3.3 (2.7- 4.0)	3.2 (2.6- 3.9)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

Table 2.25.1.1M: Leukemias. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Males, 2001

Area	All Races	White	Black	Hispanic§‖
United States	14.8 (14.6- 15.0)	15.1 (14.9- 15.4)	11.1 (10.4- 11.8)	11.6 (10.8- 12.4)
Northeast	14.9 (14.4- 15.4)	15.3 (14.8- 15.9)	9.0 (7.7- 10.5)	13.7 (11.5- 16.3)
New England	14.1 (13.2- 15.1)	14.3 (13.3- 15.3)	6.6 (3.7- 12.2)	11.4 (6.4- 20.1)
Connecticut	14.0 (12.2- 16.0)	13.9 (12.1- 16.0)	~	~
Maine	18.0 (14.7- 21.7)	18.2 (14.9- 22.0)	~	~
Massachusetts	12.9 (11.7- 14.3)	13.1 (11.8- 14.6)	~	-
New Hampshire	13.5 (10.7- 17.1)	13.6 (10.7- 17.1)	~	-
Rhode Island	16.6 (13.2- 20.7)	17.0 (13.4- 21.3)	~	~
Vermont	15.1 (10.9- 20.7)	15.3 (11.0- 20.9)	~	~
Middle Atlantic	15.2 (14.6- 15.8)	15.7 (15.1- 16.4)	9.2 (7.8- 10.9)	14.0 (11.6- 16.9)
New Jersey	16.4 (15.1- 17.8)	16.8 (15.4- 18.3)	13.2 (9.5- 18.4)	12.9 (8.8- 19.1)
New York	14.3 (13.5- 15.1)	15.2 (14.3- 16.2)	6.8 (5.3- 8.8)	13.3 (10.3- 17.0)
Pennsylvania	15.7 (14.7- 16.7)	15.7 (14.7- 16.8)	11.3 (8.2- 15.4)	-
Midwest	15.9 (15.4- 16.4)	15.9 (15.4- 16.4)	13.1 (11.5- 14.9)	10.2 (7.6- 13.9)
East North Central	15.3 (14.8- 15.9)	15.3 (14.7- 15.9)	13.1 (11.4- 15.0)	10.7 (7.6- 15.2)
Illinois	16.4 (15.3- 17.6)	16.5 (15.3- 17.7)	15.4 (12.3- 19.4)	-
Indiana	14.6 (13.2- 16.2)	14.5 (13.0- 16.2)	11.4 (6.7- 18.9)	~
Michigan	14.6 (13.5- 15.8)	14.4 (13.2- 15.7)	12.1 (9.0- 16.1)	~
Detroit	16.6 (14.7- 18.7)	17.6 (15.4- 20.1)	12.9 (9.3- 17.7)	-
Ohio	13.6 (12.6- 14.7)	13.6 (12.5- 14.7)	11.4 (8.5- 15.4)	~
Wisconsin	18.5 (16.8- 20.3)	18.6 (16.9- 20.5)	~	~
West North Central	17.2 (16.3- 18.2)	17.2 (16.3- 18.2)	12.9 (9.2- 17.9)	8.1 (4.2- 17.4)
Iowa	19.2 (17.0- 21.7)	19.0 (16.8- 21.5)	~	~
Kansas	14.3 (12.3- 16.7)	14.6 (12.4- 17.0)	~	~
Minnesota	20.9 (19.0- 23.0)	20.5 (18.6- 22.6)	~	~
Missouri	14.8 (13.3- 16.4)	15.1 (13.5- 16.8)	12.7 (8.1- 19.5)	~
Nebraska	15.9 (13.2- 19.0)	15.7 (13.0- 18.8)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	7.3 (4.2- 12.0)	~	~	~
Florida	14.2 (13.5- 15.0)	14.7 (13.8- 15.6)	10.7 (8.3- 13.7)	-
Georgia	15.1 (13.6- 16.7)	15.9 (14.3- 17.8)	12.4 (9.6- 16.1)	9.2 (2.1- 30.8)
Atlanta	17.2 (14.3- 20.7)	19.5 (15.9- 23.8)	13.0 (7.8- 21.3)	~
Maryland				
North Carolina	12.9 (11.7- 14.2)	14.1 (12.7- 15.6)	6.8 (4.9- 9.6)	13.9 (4.1- 40.8)
South Carolina	12.9 (11.2- 14.8)	13.1 (11.2- 15.4)	11.3 (8.1- 15.6)	-
Virginia				
West Virginia	16.0 (13.5- 19.0)	16.1 (13.5- 19.2)	~	~
East South Central				
Alabama	12.4 (10.8- 14.1)	13.2 (11.4- 15.2)	8.4 (5.8- 12.0)	~
Kentucky	15.5 (13.6- 17.6)	14.8 (13.0- 16.9)	~	-
Mississippi				
Tennessee				

continued

Table 2.25.1.1M: Leukemias. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	14.6 (13.9- 15.3)	14.9 (14.2- 15.7)	13.2 (11.2- 15.4)	10.6 (9.1- 12.4)
Arkansas	12.5 (10.7- 14.7)	12.7 (10.7- 15.0)	~	~
Louisiana	16.8 (14.9- 19.0)	18.7 (16.4- 21.4)	11.7 (8.6- 15.6)	-
Oklahoma	13.9 (12.1- 16.0)	14.5 (12.5- 16.7)	~	~
Texas	14.5 (13.7- 15.4)	14.5 (13.6- 15.5)	15.0 (12.1- 18.5)	10.6 (9.0- 12.4)
West	14.4 (13.9- 14.8)	14.8 (14.3- 15.3)	10.6 (8.7- 13.1)	10.2 (9.1- 11.4)
Mountain	14.8 (13.9- 15.7)	14.8 (14.0- 15.8)	12.2 (6.8- 21.5)	11.1 (8.9- 13.8)
Arizona	12.3 (10.9- 13.8)	12.5 (11.1- 14.1)	~	9.8 (6.5- 15.2)
Colorado	16.0 (14.1- 18.2)	15.9 (13.9- 18.0)	~	11.8 (7.0- 20.1)
Idaho	15.3 (12.3- 19.0)	15.7 (12.5- 19.4)	~	~
Montana	16.8 (13.2- 21.2)	15.6 (12.0- 19.9)	~	-
Nevada	15.1 (12.7- 18.1)	15.5 (12.9- 18.7)	~	-
New Mexico	15.4 (12.8- 18.4)	15.8 (13.1- 19.1)	~	10.9 (7.2- 16.2)
Utah	16.5 (13.7- 19.8)	16.5 (13.6- 19.9)	~	~
Wyoming	17.3 (12.4- 24.0)	17.7 (12.7- 24.6)	~	~
Pacific	14.2 (13.7- 14.8)	14.8 (14.2- 15.4)	10.4 (8.3- 13.0)	9.9 (8.6- 11.3)
Alaska	11.8 (6.9- 20.3)	12.5 (6.8- 23.1)	~	-
California	13.5 (12.9- 14.2)	14.1 (13.4- 14.8)	10.7 (8.5- 13.5)	10.0 (8.7- 11.5)
San Francisco-Oakland	11.7 (10.2- 13.5)	11.9 (10.0- 14.0)	12.8 (7.5- 21.1)	5.4 (2.9- 11.0)
San Jose-Monterey	12.3 (10.1- 14.9)	13.3 (10.7- 16.3)	~	11.0 (5.4- 21.5)
Los Angeles	14.1 (12.8- 15.4)	15.3 (13.9- 16.9)	9.8 (6.8- 14.1)	9.8 (7.8- 12.3)
Hawaii	14.2 (11.4- 17.6)	20.5 (13.8- 29.9)	~	-
Oregon	15.5 (13.6- 17.6)	15.2 (13.3- 17.3)	~	~
Washington	17.2 (15.6- 18.9)	17.3 (15.6- 19.1)	~	~
Seattle-Puget Sound	17.8 (15.8- 20.0)	18.5 (16.3- 20.8)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1M. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.25.1.1F: Leukemias. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡

Females, 2001

Area	All Races	White	Black	Hispanic§‖
United States	9.0 (8.8- 9.2)	9.2 (9.0- 9.4)	7.4 (6.9- 7.9)	7.7 (7.2- 8.3)
Northeast	9.4 (9.0- 9.7)	9.6 (9.2- 9.9)	7.2 (6.3- 8.2)	9.0 (7.6- 10.6)
New England	9.3 (8.7- 10.0)	9.4 (8.7- 10.1)	7.3 (4.6- 11.1)	12.3 (7.7- 19.0)
Connecticut	9.7 (8.3- 11.2)	9.8 (8.4- 11.4)	~	~
Maine	11.0 (8.8- 13.7)	11.0 (8.8- 13.7)	~	~
Massachusetts	8.4 (7.5- 9.5)	8.5 (7.5- 9.5)	~	-
New Hampshire	10.0 (7.7- 12.8)	10.0 (7.7- 12.9)	~	-
Rhode Island	11.4 (8.9- 14.6)	12.1 (9.4- 15.5)	~	~
Vermont	7.2 (4.7- 10.9)	7.3 (4.8- 11.1)	~	~
Middle Atlantic	9.4 (9.0- 9.8)	9.6 (9.2- 10.1)	7.1 (6.2- 8.2)	8.5 (7.1- 10.2)
New Jersey	9.2 (8.4- 10.1)	9.4 (8.5- 10.4)	7.4 (5.3- 10.1)	7.1 (4.5- 10.8)
New York	9.5 (8.9- 10.1)	10.0 (9.3- 10.7)	6.5 (5.3- 7.9)	8.8 (7.1- 10.9)
Pennsylvania	9.4 (8.8- 10.2)	9.3 (8.6- 10.1)	8.4 (6.3- 11.0)	-
Midwest	9.4 (9.1- 9.7)	9.4 (9.0- 9.7)	8.0 (7.0- 9.1)	7.5 (5.4- 10.2)
East North Central	9.5 (9.1- 9.9)	9.5 (9.1- 9.9)	7.9 (6.8- 9.1)	7.9 (5.4- 11.2)
Illinois	9.8 (9.1- 10.6)	10.1 (9.3- 11.0)	7.5 (5.8- 9.6)	-
Indiana	9.5 (8.4- 10.6)	9.3 (8.2- 10.4)	7.6 (4.5- 12.2)	~
Michigan	9.5 (8.7- 10.4)	9.1 (8.3- 10.0)	9.6 (7.3- 12.4)	~
Detroit	11.9 (10.5- 13.4)	12.1 (10.5- 13.9)	10.2 (7.6- 13.6)	-
Ohio	8.5 (7.8- 9.2)	8.5 (7.8- 9.3)	6.6 (4.8- 9.0)	~
Wisconsin	10.8 (9.6- 12.0)	10.8 (9.7- 12.2)	~	~
West North Central	9.2 (8.6- 9.8)	9.2 (8.6- 9.9)	8.2 (5.8- 11.4)	~
Iowa	10.8 (9.3- 12.5)	10.7 (9.2- 12.4)	~	~
Kansas	8.0 (6.6- 9.6)	7.7 (6.3- 9.3)	~	~
Minnesota	10.6 (9.4- 12.0)	10.6 (9.4- 12.0)	~	~
Missouri	8.1 (7.2- 9.2)	8.1 (7.1- 9.3)	7.8 (4.9- 11.8)	~
Nebraska	8.2 (6.5- 10.2)	8.6 (6.8- 10.7)	~	~
North Dakota				
South Dakota				
South				
South Atlantic				
Delaware				
District of Columbia	6.8 (4.2- 10.6)	~	~	~
Florida	9.2 (8.6- 9.8)	9.3 (8.7- 10.0)	7.5 (5.9- 9.5)	-
Georgia	8.7 (7.8- 9.6)	9.0 (8.0- 10.2)	8.2 (6.5- 10.3)	~
Atlanta	9.4 (7.7- 11.4)	9.8 (7.8- 12.3)	9.4 (6.2- 13.7)	~
Maryland				
North Carolina	8.2 (7.3- 9.0)	8.4 (7.5- 9.4)	6.4 (4.8- 8.4)	~
South Carolina	8.0 (6.9- 9.3)	8.1 (6.8- 9.6)	7.3 (5.2- 9.9)	-
Virginia				
West Virginia	8.8 (7.1- 10.8)	9.0 (7.3- 11.1)	~	~
East South Central				
Alabama	8.3 (7.3- 9.5)	8.6 (7.3- 10.0)	6.9 (4.9- 9.4)	~
Kentucky	10.2 (8.9- 11.6)	10.0 (8.7- 11.5)	~	-
Mississippi				
Tennessee				

continued

Table 2.25.1.1F: Leukemias. Age-Adjusted Cancer Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Race and Ethnicity, United States†‡ *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic§‖
West South Central	8.6 (8.1- 9.1)	8.8 (8.3- 9.3)	7.8 (6.6- 9.1)	8.1 (6.9- 9.4)
Arkansas	7.3 (6.0- 8.8)	7.1 (5.8- 8.8)	~	~
Louisiana	9.1 (7.9- 10.3)	9.2 (7.8- 10.8)	8.4 (6.3- 11.0)	-
Oklahoma	7.8 (6.6- 9.2)	8.5 (7.1- 10.1)	~	~
Texas	8.9 (8.3- 9.5)	9.0 (8.4- 9.6)	8.0 (6.3- 10.0)	8.1 (7.0- 9.5)
West	8.5 (8.2- 8.9)	8.9 (8.5- 9.2)	6.7 (5.3- 8.2)	6.9 (6.1- 7.7)
Mountain	8.5 (8.0- 9.2)	8.6 (8.0- 9.2)	6.7 (3.7- 11.7)	6.1 (4.7- 7.8)
Arizona	7.3 (6.4- 8.4)	7.4 (6.4- 8.5)	~	7.3 (4.7- 11.1)
Colorado	8.9 (7.6- 10.3)	8.6 (7.3- 10.0)	~	6.8 (3.9- 11.6)
Idaho	10.1 (7.8- 12.9)	10.3 (8.0- 13.2)	~	~
Montana	9.0 (6.6- 12.1)	9.4 (6.9- 12.6)	~	-
Nevada	10.2 (8.3- 12.4)	10.4 (8.4- 12.8)	~	-
New Mexico	7.4 (5.7- 9.3)	7.5 (5.8- 9.7)	~	4.9 (2.8- 8.0)
Utah	9.6 (7.7- 11.9)	9.7 (7.8- 12.0)	~	~
Wyoming	9.9 (6.4- 14.7)	10.2 (6.6- 15.2)	~	~
Pacific	8.5 (8.2- 8.9)	9.0 (8.6- 9.4)	6.6 (5.2- 8.3)	7.2 (6.3- 8.2)
Alaska	9.2 (5.4- 15.0)	10.4 (5.8- 17.8)	~	-
California	8.0 (7.6- 8.5)	8.4 (8.0- 8.9)	6.6 (5.1- 8.4)	7.1 (6.2- 8.1)
San Francisco-Oakland	6.8 (5.8- 8.0)	8.0 (6.7- 9.6)	~	7.9 (4.8- 12.6)
San Jose-Monterey	6.8 (5.4- 8.5)	7.6 (5.9- 9.7)	~	9.3 (5.5- 15.5)
Los Angeles	7.9 (7.1- 8.7)	8.4 (7.4- 9.4)	6.6 (4.5- 9.4)	5.7 (4.5- 7.2)
Hawaii	8.8 (6.7- 11.5)	14.2 (8.6- 22.7)	~	-
Oregon	9.9 (8.5- 11.4)	10.1 (8.7- 11.8)	~	~
Washington	10.5 (9.4- 11.7)	10.8 (9.6- 12.1)	~	~
Seattle-Puget Sound	10.4 (9.1- 11.9)	10.9 (9.4- 12.5)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Invasive cancers only
§ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‖ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.
\- Rates are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. U.S rates are as presented in Table 1.1.1.1F. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 2.25.1.2M: Leukemias. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Males, 2001

Area	All Races	White	Black	Hispanic‡§
United States	10.1 (9.9- 10.3)	10.4 (10.2- 10.6)	8.8 (8.2- 9.4)	6.7 (6.1- 7.4)
Northeast	9.5 (9.1- 9.9)	9.8 (9.4- 10.3)	6.9 (5.8- 8.3)	5.5 (4.2- 7.3)
New England	9.4 (8.7- 10.2)	9.7 (8.9- 10.5)	~	~
Connecticut	9.2 (7.7- 10.9)	9.3 (7.8- 11.0)	~	~
Maine	8.0 (5.9- 10.8)	8.1 (5.9- 10.9)	~	~
Massachusetts	9.6 (8.4- 10.8)	10.0 (8.8- 11.3)	~	~
New Hampshire	9.4 (6.9- 12.6)	9.5 (7.0- 12.8)	~	~
Rhode Island	9.9 (7.3- 13.2)	10.0 (7.3- 13.5)	~	~
Vermont	11.9 (8.0- 17.1)	12.0 (8.1- 17.3)	~	~
Middle Atlantic	9.5 (9.1- 10.0)	9.9 (9.4- 10.4)	7.1 (5.9- 8.6)	5.9 (4.4- 7.9)
New Jersey	8.6 (7.6- 9.6)	8.9 (7.8- 10.0)	7.1 (4.5- 11.0)	4.0 (2.1- 8.2)
New York	9.4 (8.7- 10.1)	9.9 (9.2- 10.7)	6.9 (5.2- 9.0)	6.9 (5.0- 9.6)
Pennsylvania	10.2 (9.4- 11.1)	10.4 (9.6- 11.3)	8.0 (5.5- 11.6)	~
Midwest	11.0 (10.6- 11.4)	11.1 (10.6- 11.5)	9.8 (8.3- 11.4)	5.3 (3.3- 8.3)
East North Central	10.7 (10.3- 11.2)	10.8 (10.3- 11.4)	9.5 (8.0- 11.3)	6.0 (3.6- 9.8)
Illinois	11.2 (10.2- 12.2)	11.3 (10.3- 12.3)	10.1 (7.5- 13.5)	4.0 (1.8- 9.0)
Indiana	11.3 (10.0- 12.7)	11.3 (10.0- 12.8)	11.0 (6.0- 19.1)	~
Michigan	10.8 (9.8- 11.9)	11.2 (10.1- 12.4)	7.2 (4.9- 10.4)	~
Ohio	9.6 (8.7- 10.5)	9.5 (8.6- 10.5)	10.1 (7.1- 14.2)	~
Wisconsin	11.6 (10.2- 13.1)	11.4 (10.1- 12.9)	~	~
West North Central	11.4 (10.7- 12.1)	11.4 (10.7- 12.2)	11.2 (7.4- 16.5)	~
Iowa	11.7 (10.0- 13.7)	11.7 (10.0- 13.7)	~	~
Kansas	10.2 (8.5- 12.2)	10.2 (8.4- 12.2)	~	~
Minnesota	11.6 (10.1- 13.2)	11.6 (10.1- 13.3)	~	~
Missouri	11.0 (9.7- 12.4)	11.2 (9.8- 12.7)	~	~
Nebraska	12.3 (10.0- 15.1)	12.3 (9.9- 15.2)	~	~
North Dakota	13.0 (9.3- 17.7)	13.2 (9.5- 18.1)	~	~
South Dakota	11.3 (8.1- 15.4)	11.1 (7.9- 15.3)	~	~
South	10.3 (10.0- 10.7)	10.6 (10.2- 10.9)	9.0 (8.2- 9.9)	7.4 (6.4- 8.6)
South Atlantic	10.1 (9.7- 10.6)	10.5 (10.0- 10.9)	8.1 (7.1- 9.2)	7.6 (6.1- 9.5)
Delaware	13.4 (9.6- 18.5)	14.1 (10.0- 19.6)	~	~
District of Columbia	10.1 (6.2- 15.7)	~	~	~
Florida	10.2 (9.5- 10.9)	10.5 (9.8- 11.2)	7.6 (5.6- 10.4)	8.2 (6.5- 10.3)
Georgia	10.4 (9.2- 11.8)	10.8 (9.4- 12.5)	9.1 (6.7- 12.3)	~
Maryland	11.0 (9.5- 12.6)	11.4 (9.8- 13.3)	8.2 (5.2- 12.4)	~
North Carolina	9.8 (8.7- 11.0)	10.3 (9.0- 11.7)	7.6 (5.4- 10.6)	~
South Carolina	11.0 (9.4- 12.9)	12.1 (10.2- 14.5)	7.6 (4.9- 11.4)	~
Virginia	9.0 (7.9- 10.2)	9.2 (8.0- 10.6)	8.1 (5.6- 11.5)	~
West Virginia	10.3 (8.3- 12.8)	10.3 (8.3- 12.9)	~	~
East South Central	10.3 (9.5- 11.1)	10.4 (9.5- 11.3)	9.7 (7.8- 11.9)	~
Alabama	11.7 (10.1- 13.4)	11.8 (10.0- 13.8)	11.1 (7.9- 15.3)	~
Kentucky	10.7 (9.1- 12.4)	10.5 (9.0- 12.3)	~	~
Mississippi	8.8 (7.1- 10.8)	9.4 (7.4- 11.8)	7.4 (4.6- 11.5)	~
Tennessee	9.6 (8.3- 11.0)	9.6 (8.3- 11.1)	8.8 (5.5- 13.6)	~
West South Central	10.8 (10.2- 11.4)	10.9 (10.3- 11.6)	10.9 (9.1- 13.0)	7.2 (5.9- 8.9)
Arkansas	11.2 (9.4- 13.3)	11.2 (9.3- 13.5)	~	~

continued

Table 2.25.1.2M: Leukemias. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Males, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	12.2 (10.5- 14.1)	12.6 (10.6- 14.8)	11.6 (8.4- 15.7)	~
Oklahoma	11.5 (9.8- 13.5)	11.8 (10.0- 13.8)	~	~
Texas	10.2 (9.5- 11.0)	10.4 (9.6- 11.2)	10.2 (7.8- 13.2)	7.3 (5.9- 9.0)
West	9.4 (9.0- 9.8)	9.8 (9.4- 10.2)	8.6 (6.8- 10.9)	6.6 (5.7- 7.7)
Mountain	9.9 (9.2- 10.7)	9.9 (9.1- 10.7)	12.2 (6.6- 21.7)	6.9 (5.1- 9.3)
Arizona	9.9 (8.7- 11.3)	10.0 (8.7- 11.5)	~	7.0 (4.0- 12.4)
Colorado	9.2 (7.7- 11.0)	9.2 (7.7- 11.0)	~	8.3 (4.2- 16.1)
Idaho	8.9 (6.5- 11.9)	8.9 (6.5- 11.9)	~	~
Montana	11.5 (8.5- 15.3)	11.4 (8.4- 15.3)	~	~
Nevada	11.7 (9.3- 14.5)	11.8 (9.3- 14.8)	~	~
New Mexico	8.5 (6.6- 11.0)	8.4 (6.4- 11.0)	~	~
Utah	10.3 (8.0- 13.1)	10.0 (7.7- 12.8)	~	~
Wyoming	10.3 (6.3- 16.2)	10.5 (6.4- 16.5)	~	~
Pacific	9.2 (8.7- 9.6)	9.8 (9.3- 10.3)	8.0 (6.1- 10.4)	6.5 (5.4- 7.8)
Alaska	~	~	~	~
California	9.2 (8.7- 9.8)	9.9 (9.3- 10.5)	8.1 (6.1- 10.7)	6.5 (5.4- 7.9)
Hawaii	6.6 (4.7- 9.0)	~	~	~
Oregon	9.8 (8.3- 11.6)	10.0 (8.4- 11.8)	~	~
Washington	9.3 (8.1- 10.7)	9.4 (8.2- 10.8)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2M.

Table 2.25.1.2F: Leukemias. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States†

Females, 2001

Area	All Races	White	Black	Hispanic‡§
United States	5.9 (5.7- 6.0)	6.0 (5.9- 6.1)	5.4 (5.0- 5.8)	4.2 (3.8- 4.6)
Northeast	5.7 (5.4- 6.0)	5.9 (5.6- 6.1)	4.8 (4.0- 5.6)	4.4 (3.4- 5.6)
New England	5.7 (5.2- 6.2)	5.7 (5.2- 6.3)	~	~
Connecticut	6.3 (5.3- 7.5)	6.6 (5.5- 7.8)	~	~
Maine	5.5 (4.0- 7.4)	5.5 (4.1- 7.5)	~	~
Massachusetts	5.5 (4.8- 6.3)	5.6 (4.8- 6.4)	~	~
New Hampshire	3.5 (2.2- 5.3)	3.6 (2.3- 5.4)	~	~
Rhode Island	5.0 (3.5- 7.1)	5.1 (3.5- 7.3)	~	~
Vermont	8.0 (5.3- 11.9)	7.8 (5.1- 11.7)	~	~
Middle Atlantic	5.7 (5.4- 6.0)	5.9 (5.6- 6.3)	4.8 (4.1- 5.8)	4.6 (3.5- 5.9)
New Jersey	5.8 (5.1- 6.5)	6.1 (5.4- 6.9)	4.5 (2.8- 6.8)	5.4 (3.2- 8.8)
New York	5.7 (5.2- 6.1)	5.9 (5.5- 6.5)	4.7 (3.7- 5.9)	4.3 (3.1- 5.9)
Pennsylvania	5.7 (5.2- 6.2)	5.7 (5.2- 6.3)	5.5 (3.9- 7.7)	~
Midwest	6.1 (5.9- 6.4)	6.2 (6.0- 6.5)	5.5 (4.7- 6.4)	3.1 (1.8- 5.2)
East North Central	6.2 (5.9- 6.5)	6.3 (6.0- 6.6)	5.6 (4.7- 6.6)	2.7 (1.5- 5.0)
Illinois	6.4 (5.9- 7.1)	6.7 (6.1- 7.4)	5.4 (3.9- 7.3)	~
Indiana	6.5 (5.7- 7.5)	6.6 (5.8- 7.6)	~	~
Michigan	6.2 (5.5- 6.8)	6.1 (5.5- 6.9)	6.1 (4.3- 8.4)	~
Ohio	5.8 (5.2- 6.4)	5.8 (5.2- 6.5)	5.9 (4.1- 8.2)	~
Wisconsin	6.4 (5.6- 7.4)	6.6 (5.7- 7.6)	~	~
West North Central	6.0 (5.5- 6.4)	6.0 (5.5- 6.5)	5.0 (3.1- 7.7)	~
Iowa	5.9 (4.9- 7.1)	5.8 (4.8- 7.0)	~	~
Kansas	6.3 (5.1- 7.6)	6.2 (5.0- 7.6)	~	~
Minnesota	5.5 (4.7- 6.5)	5.6 (4.7- 6.6)	~	~
Missouri	6.7 (5.9- 7.6)	7.0 (6.1- 8.0)	~	~
Nebraska	4.6 (3.4- 6.2)	4.7 (3.5- 6.3)	~	~
North Dakota	5.5 (3.4- 8.6)	4.9 (2.9- 7.9)	~	~
South Dakota	5.8 (3.9- 8.6)	5.7 (3.7- 8.5)	~	~
South	5.9 (5.7- 6.1)	6.0 (5.8- 6.2)	5.6 (5.1- 6.2)	4.8 (4.1- 5.6)
South Atlantic	5.6 (5.4- 5.9)	5.7 (5.4- 6.0)	5.2 (4.5- 5.8)	4.1 (3.1- 5.2)
Delaware	7.6 (5.3- 10.6)	7.7 (5.2- 11.2)	~	~
District of Columbia	~	~	~	~
Florida	5.4 (4.9- 5.8)	5.3 (4.9- 5.8)	6.1 (4.6- 8.0)	4.2 (3.1- 5.4)
Georgia	5.7 (5.0- 6.5)	5.7 (4.9- 6.6)	5.3 (3.9- 7.0)	~
Maryland	5.7 (4.8- 6.6)	6.0 (5.0- 7.1)	5.0 (3.4- 7.2)	~
North Carolina	5.9 (5.2- 6.6)	6.0 (5.3- 6.9)	5.1 (3.7- 6.9)	~
South Carolina	5.6 (4.7- 6.7)	5.7 (4.6- 7.0)	5.0 (3.3- 7.3)	~
Virginia	5.8 (5.1- 6.6)	6.2 (5.4- 7.2)	4.4 (3.0- 6.4)	~
West Virginia	6.1 (4.8- 7.7)	6.3 (4.9- 8.0)	~	~
East South Central	5.9 (5.4- 6.4)	6.0 (5.5- 6.5)	5.9 (4.7- 7.2)	~
Alabama	5.6 (4.7- 6.6)	5.5 (4.5- 6.6)	6.2 (4.3- 8.6)	~
Kentucky	5.9 (4.9- 6.9)	6.0 (5.0- 7.1)	~	~
Mississippi	5.4 (4.4- 6.7)	5.1 (3.9- 6.7)	6.5 (4.3- 9.3)	~
Tennessee	6.5 (5.6- 7.4)	6.7 (5.8- 7.7)	5.2 (3.2- 8.0)	~
West South Central	6.4 (6.0- 6.8)	6.4 (6.0- 6.8)	6.6 (5.5- 7.9)	5.4 (4.4- 6.5)
Arkansas	5.9 (4.8- 7.2)	6.3 (5.0- 7.8)	~	~

continued

Table 2.25.1.2F: Leukemias. Age-Adjusted Cancer Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State, and Race and Ethnicity, United States† *(continued)*

Females, 2001

Area	All Races	White	Black	Hispanic‡§
Louisiana	7.1 (6.0- 8.2)	7.0 (5.9- 8.4)	7.0 (5.1- 9.5)	~
Oklahoma	6.0 (5.0- 7.2)	6.3 (5.2- 7.6)	~	~
Texas	6.4 (5.9- 6.9)	6.4 (5.8- 6.9)	7.0 (5.4- 8.9)	5.5 (4.5- 6.7)
West	5.6 (5.4- 5.9)	5.9 (5.6- 6.2)	5.1 (3.9- 6.5)	3.7 (3.1- 4.3)
Mountain	5.6 (5.1- 6.1)	5.7 (5.2- 6.2)	~	3.8 (2.6- 5.3)
Arizona	5.1 (4.3- 6.0)	5.2 (4.3- 6.1)	~	5.0 (2.8- 8.5)
Colorado	5.6 (4.6- 6.7)	5.7 (4.7- 6.8)	~	~
Idaho	6.6 (4.8- 8.9)	6.7 (4.9- 9.0)	~	~
Montana	6.1 (4.2- 8.7)	6.3 (4.4- 9.0)	~	~
Nevada	5.7 (4.3- 7.4)	5.8 (4.3- 7.7)	~	~
New Mexico	4.6 (3.4- 6.2)	4.7 (3.4- 6.5)	~	~
Utah	7.4 (5.7- 9.4)	7.2 (5.5- 9.3)	~	~
Wyoming	5.8 (3.3- 9.7)	6.0 (3.4- 10.0)	~	~
Pacific	5.7 (5.4- 6.0)	6.0 (5.6- 6.3)	5.2 (3.9- 6.8)	3.6 (3.0- 4.3)
Alaska	~	~	~	~
California	5.5 (5.2- 5.9)	5.8 (5.4- 6.2)	5.5 (4.1- 7.2)	3.7 (3.0- 4.4)
Hawaii	5.6 (3.9- 7.7)	~	~	~
Oregon	6.1 (5.1- 7.3)	6.3 (5.2- 7.5)	~	~
Washington	6.1 (5.3- 7.1)	6.5 (5.6- 7.5)	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-race-ethnic category.

Notes: U.S rates are as presented in Table 1.1.1.2F.

State and Metropolitan Area Incidence Rates and State Death Rates for the Most Common Cancers

FPO

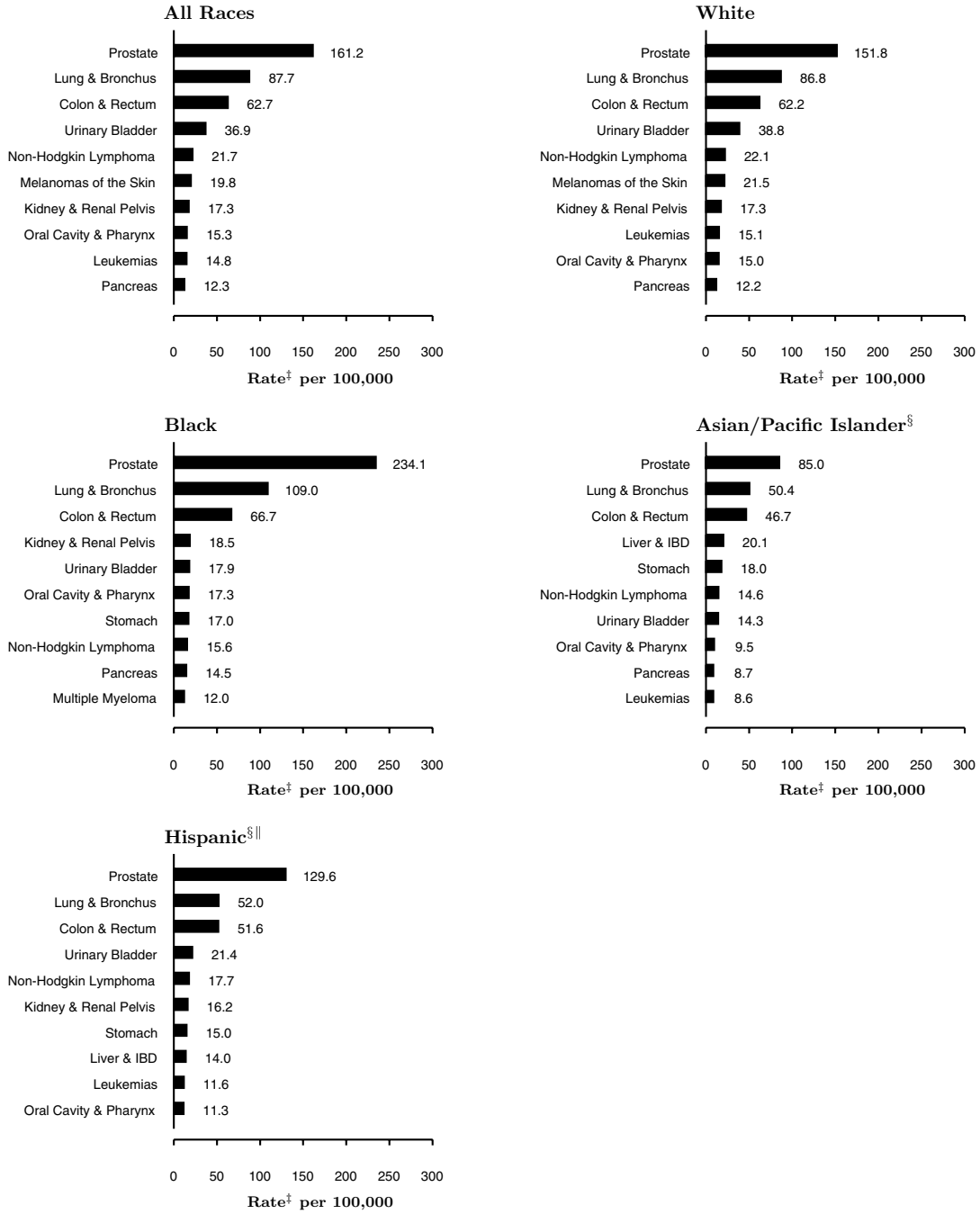
See attached document

CancerStatisticsDividers_Final

Figures 3.1.M.1–3.58.F.2

Figure 3.1.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

United States,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 1.1.1.1M for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

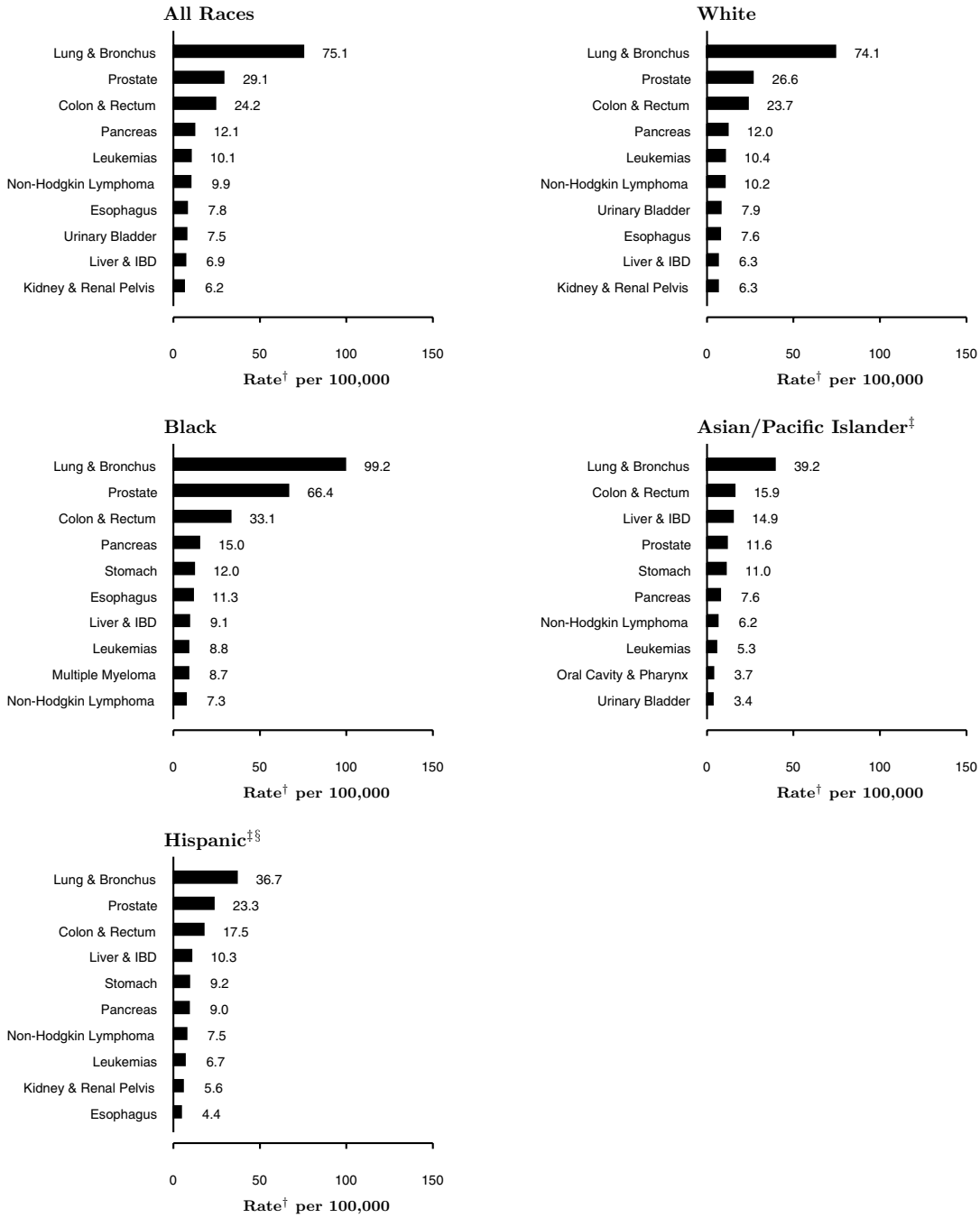
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.1.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

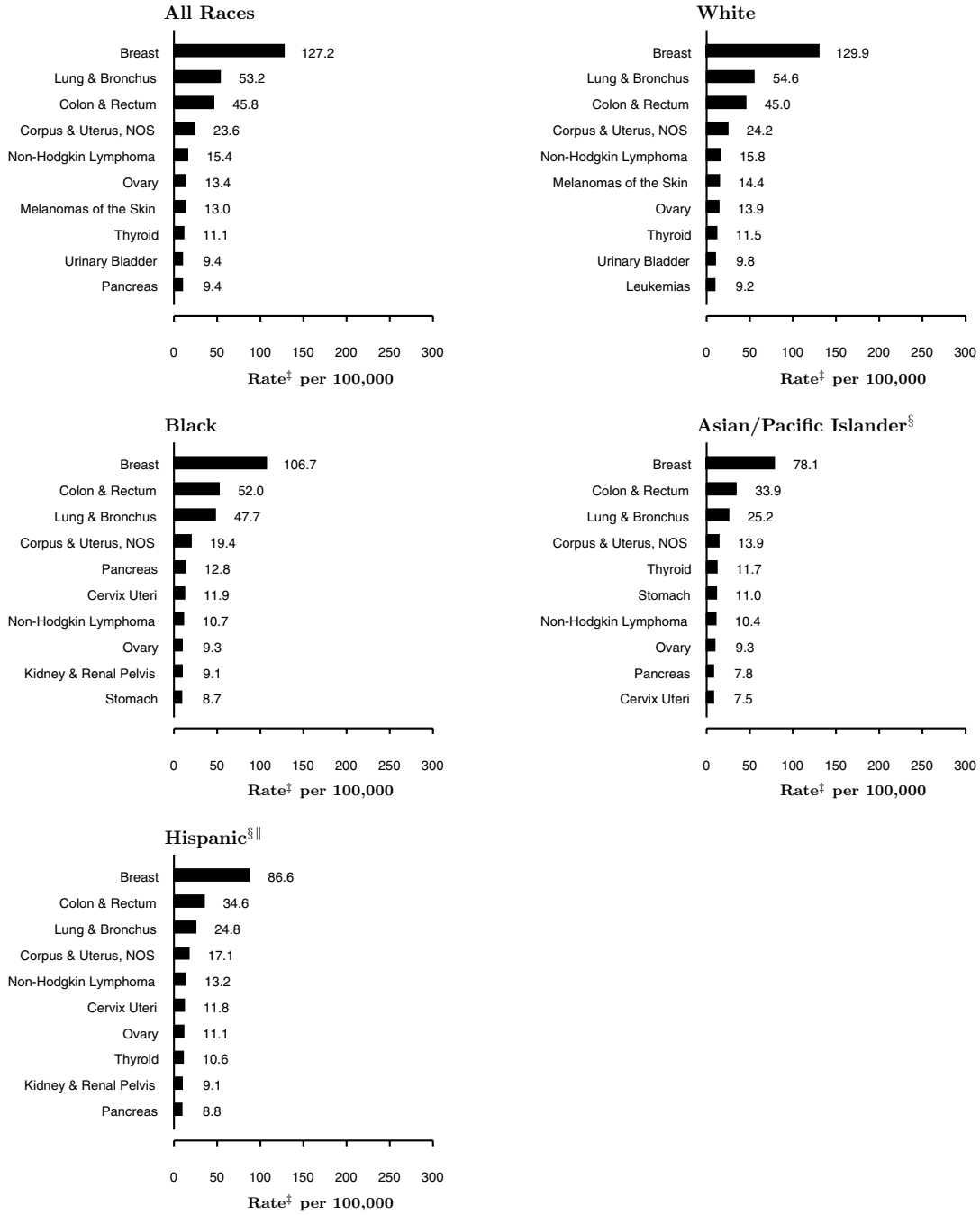
United States,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 1.1.1.2M for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.1.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

United States,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 1.1.1.1F for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

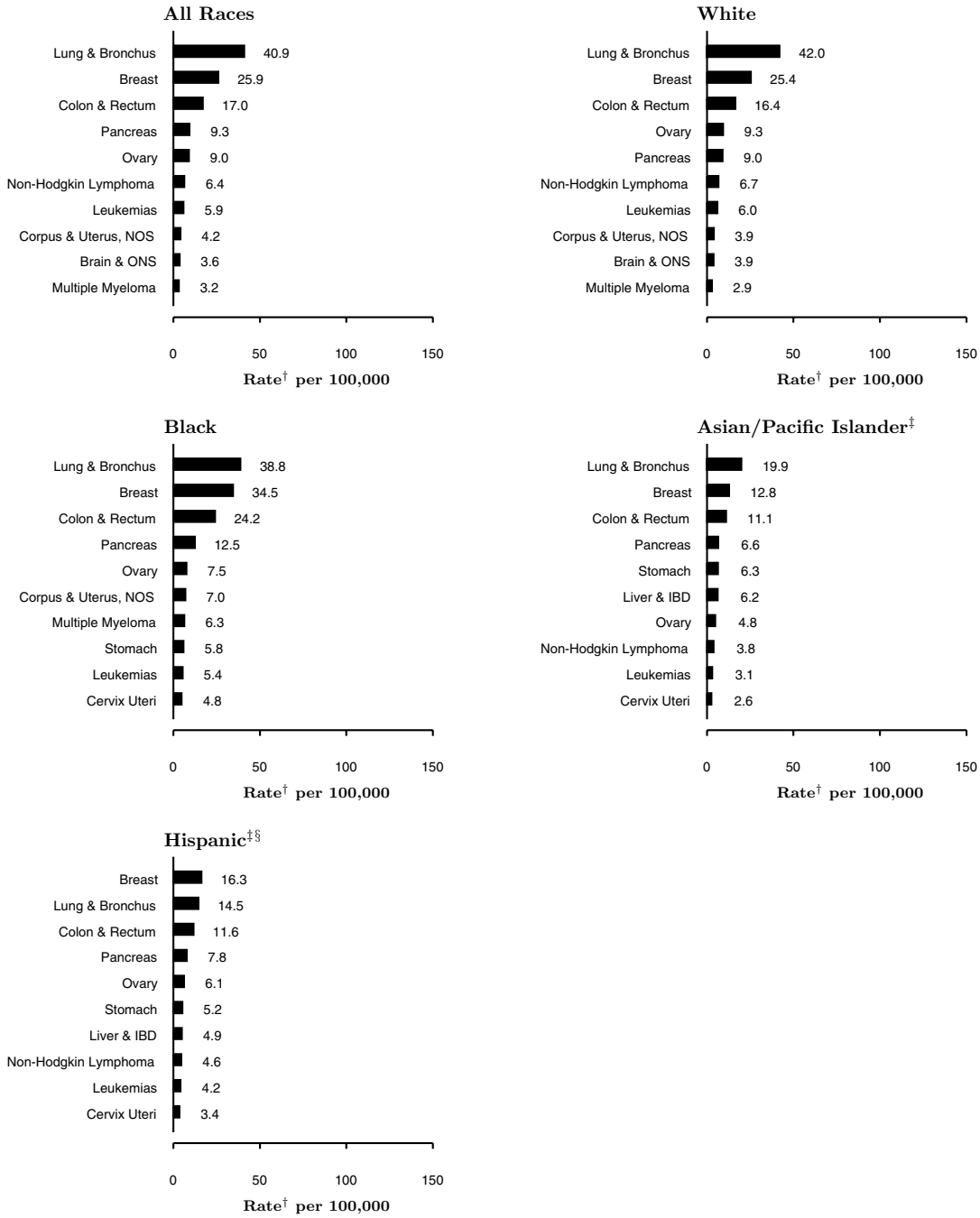
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.1.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

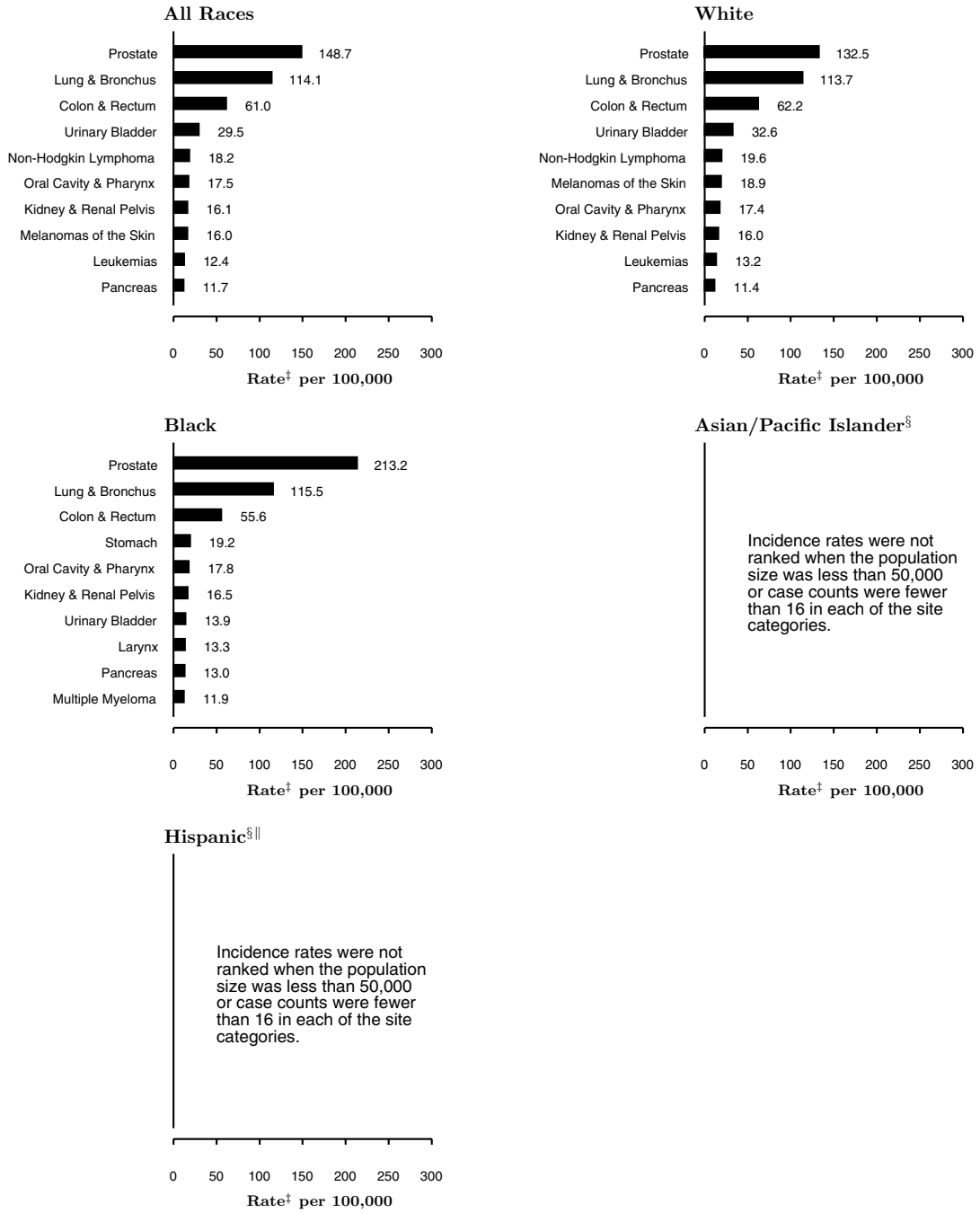
United States,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 1.1.1.2F for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.2.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Alabama,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M–2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

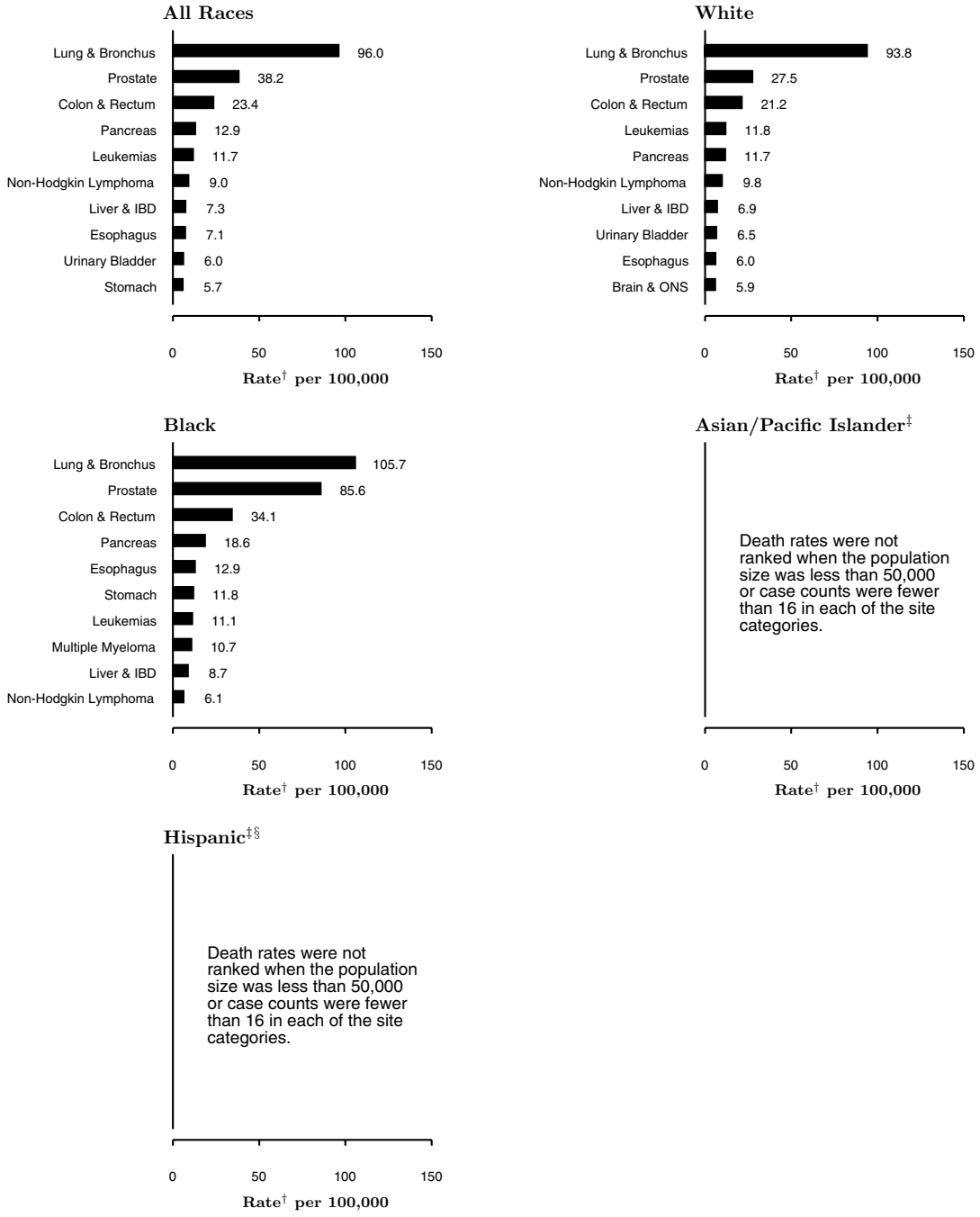
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.2.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

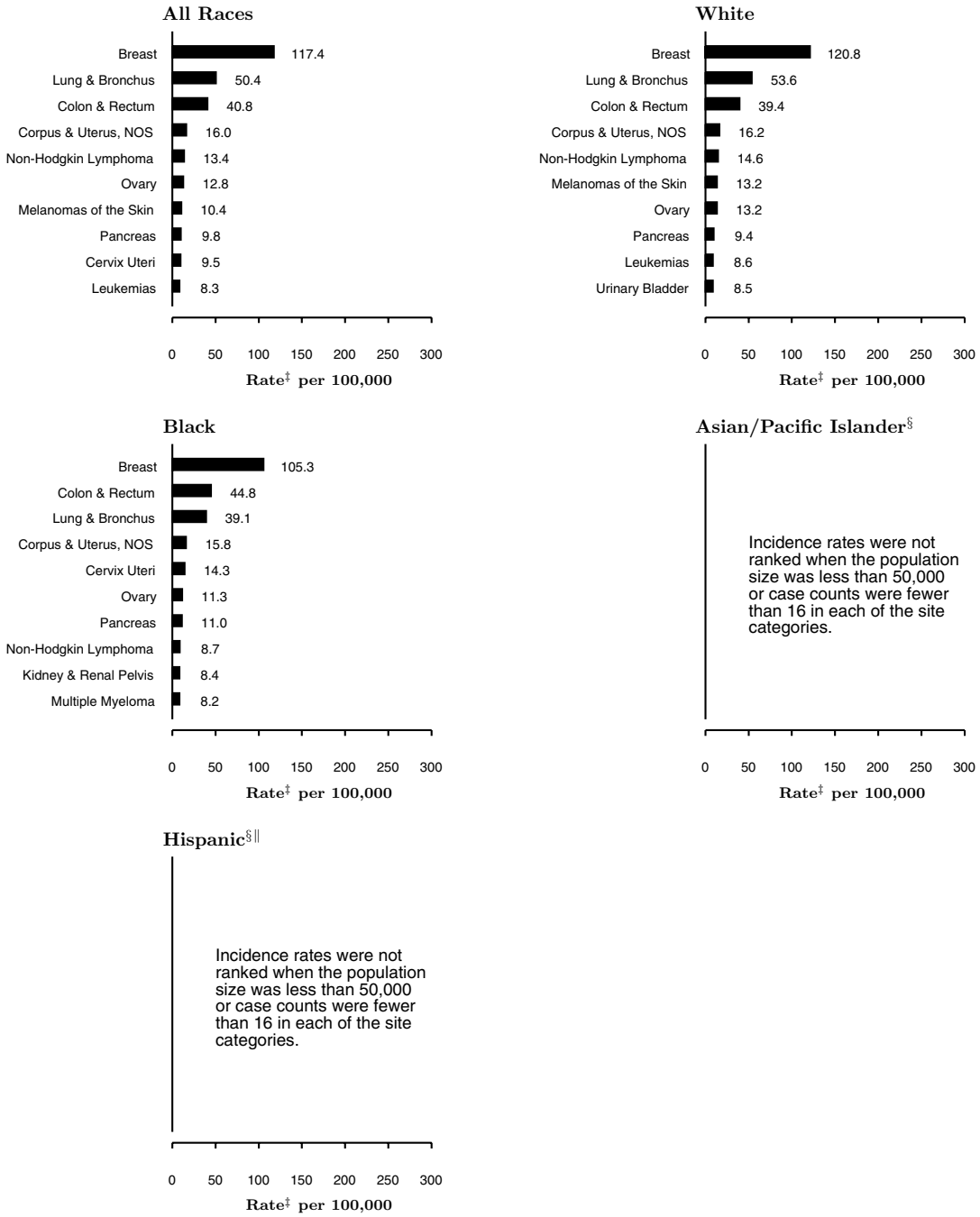
Alabama,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.2.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Alabama,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

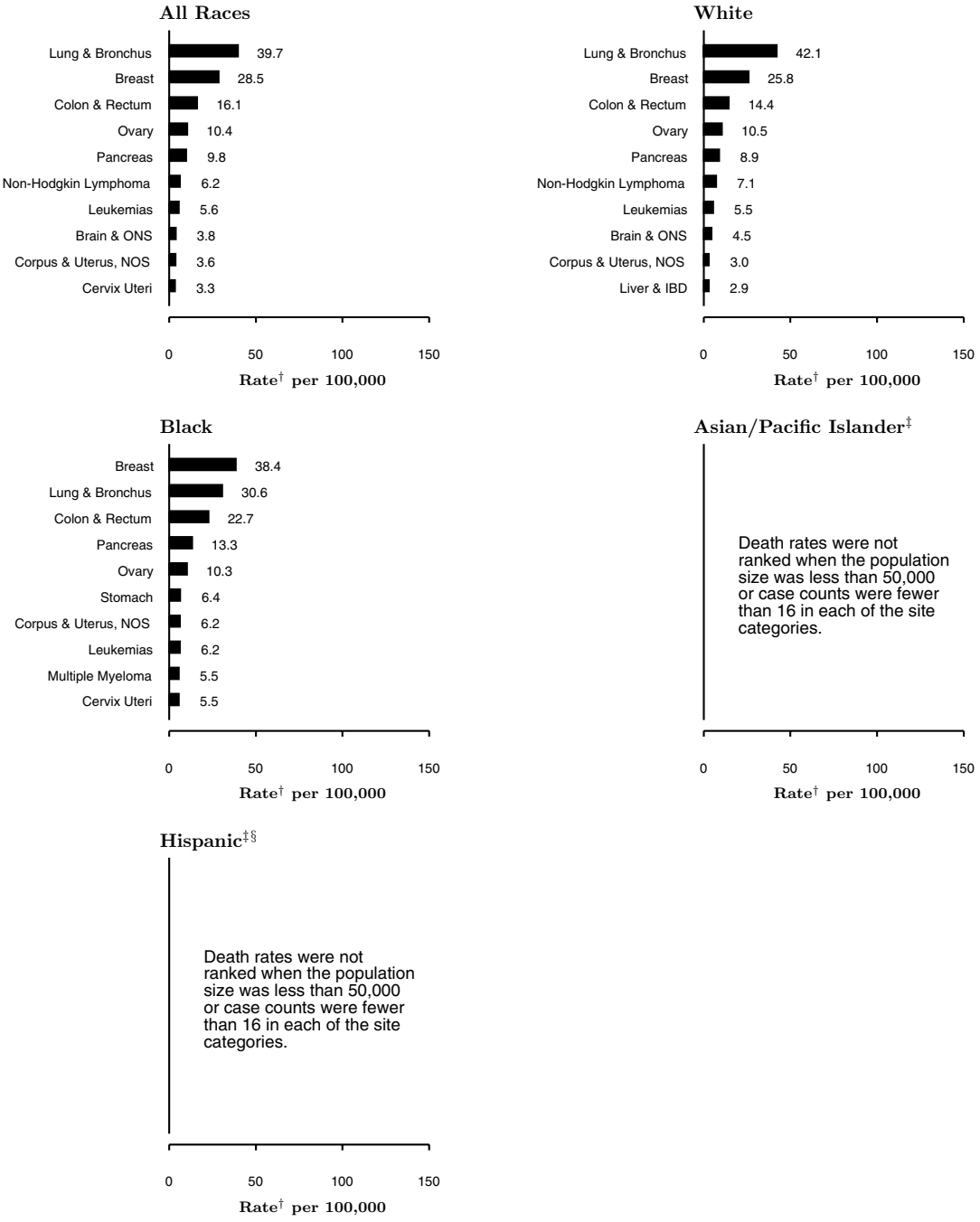
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.2.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

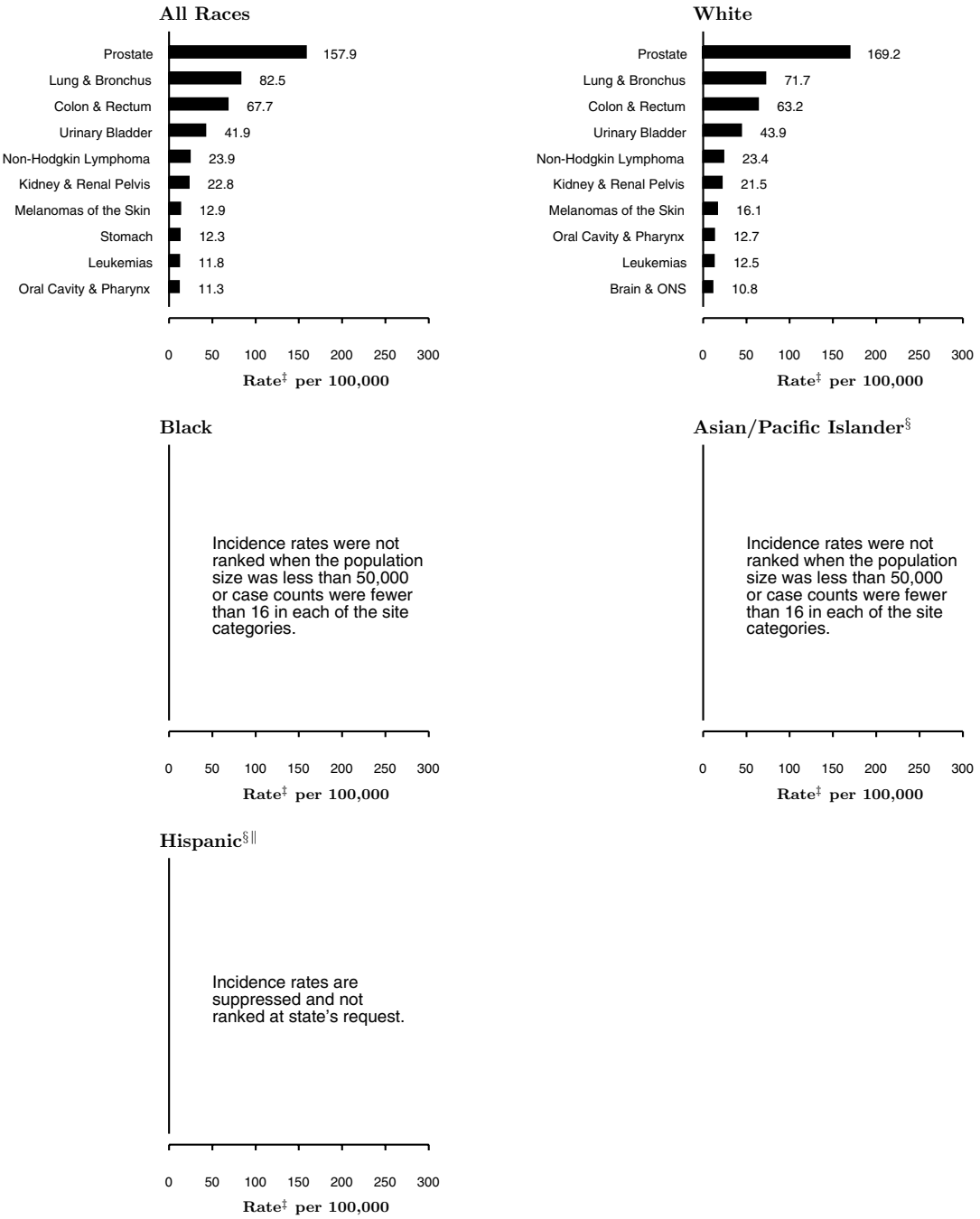
Alabama,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.3.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Alaska,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M–2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

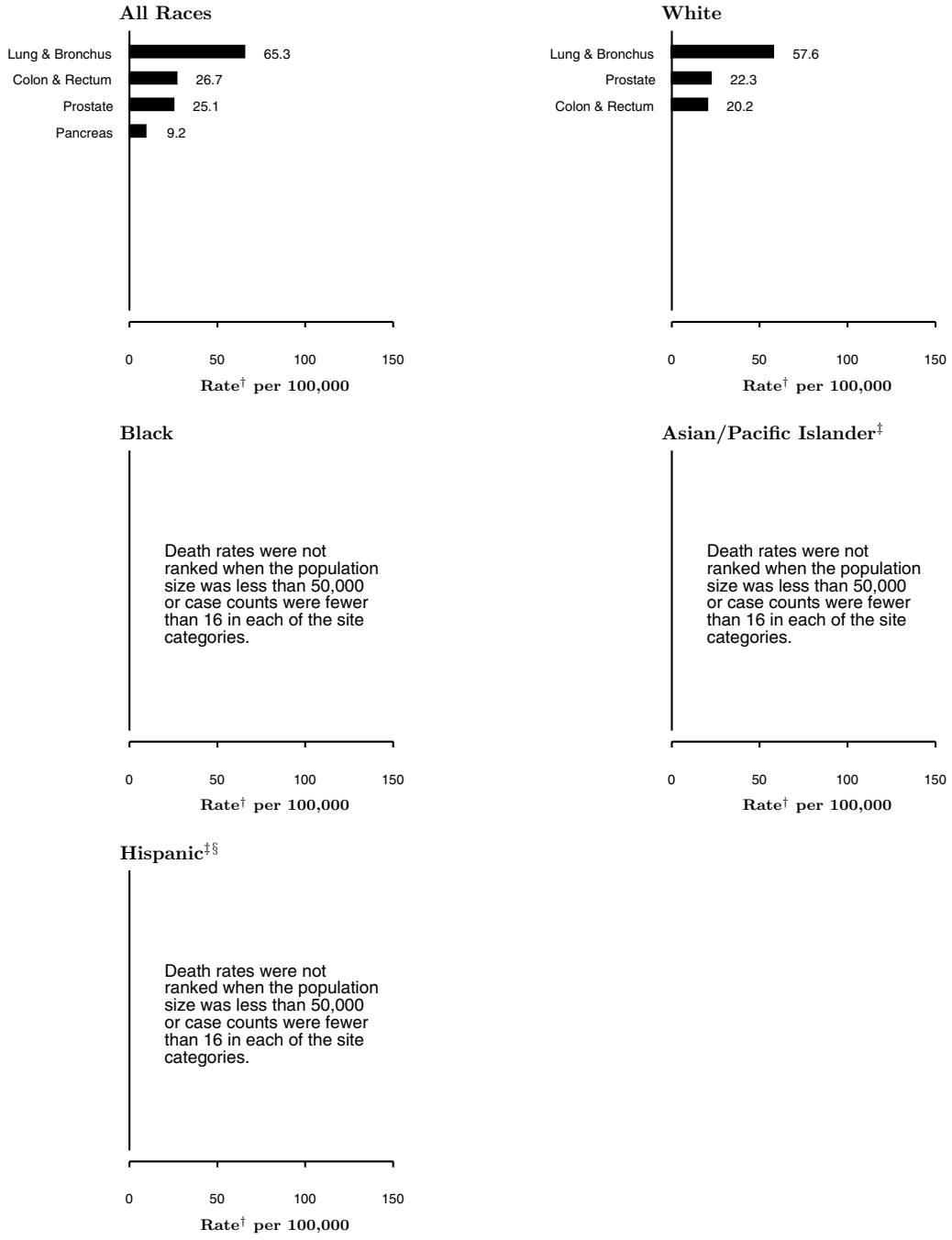
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.3.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

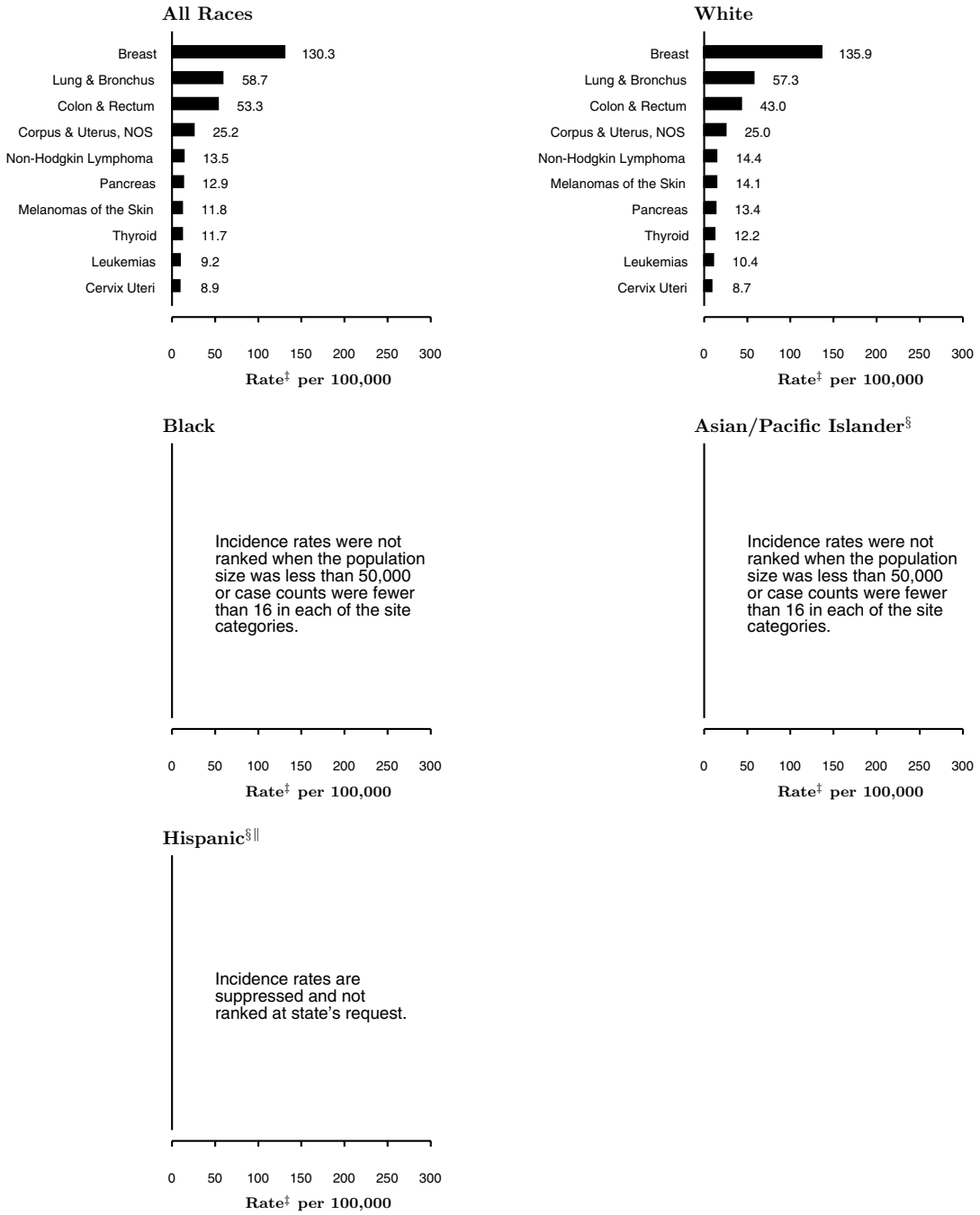
Alaska,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.3.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Alaska,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

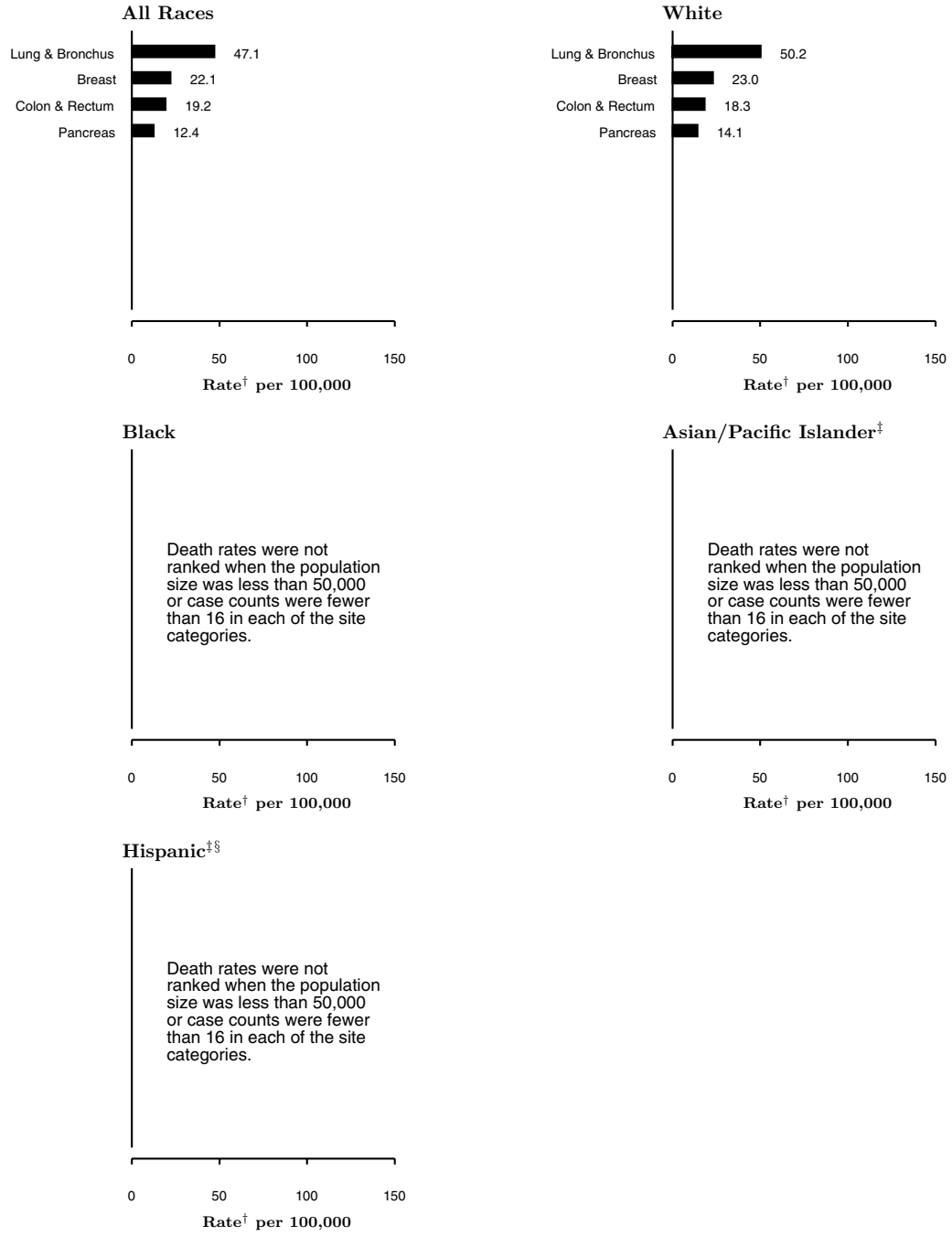
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.3.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

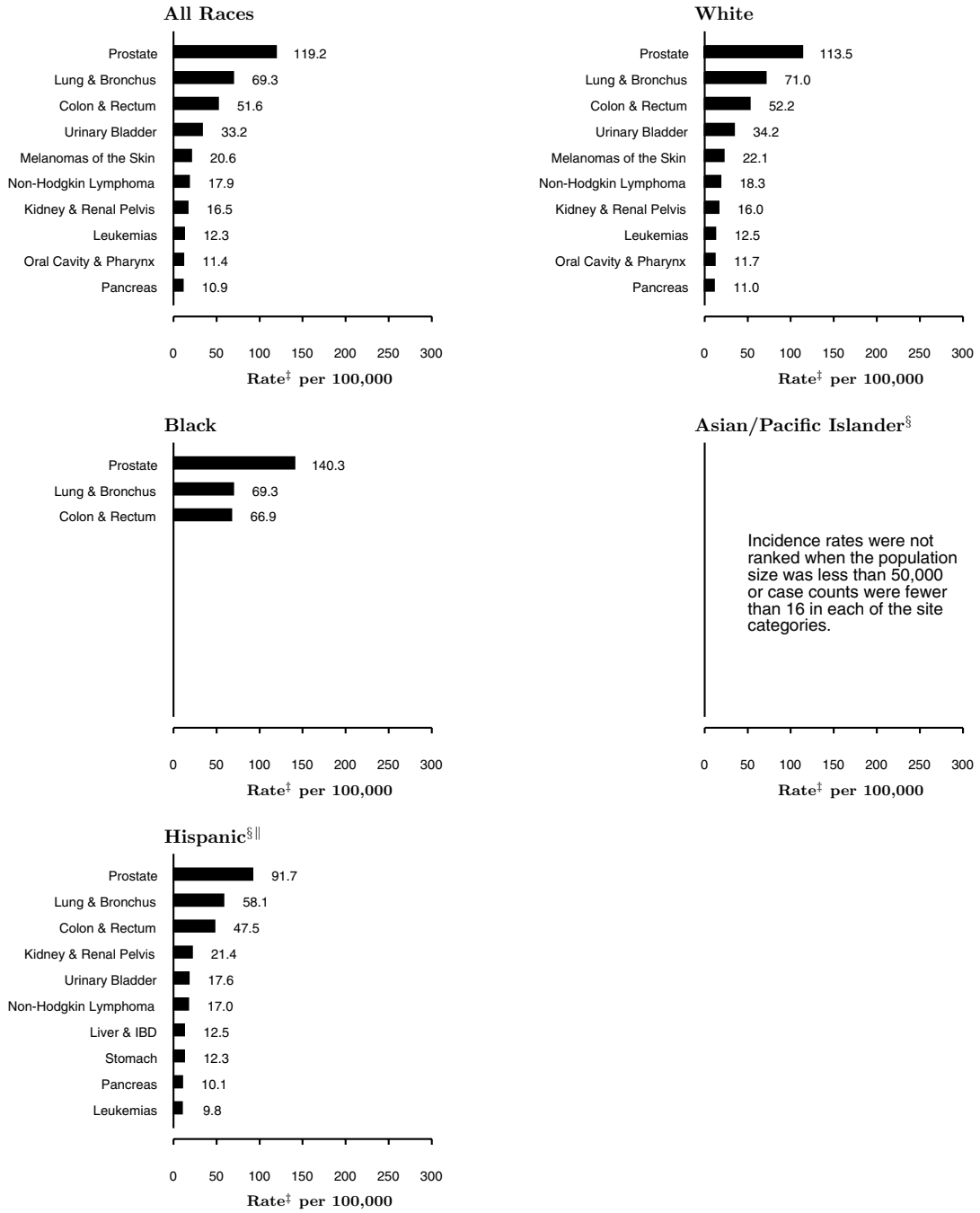
Alaska,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.4.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Arizona,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M–2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

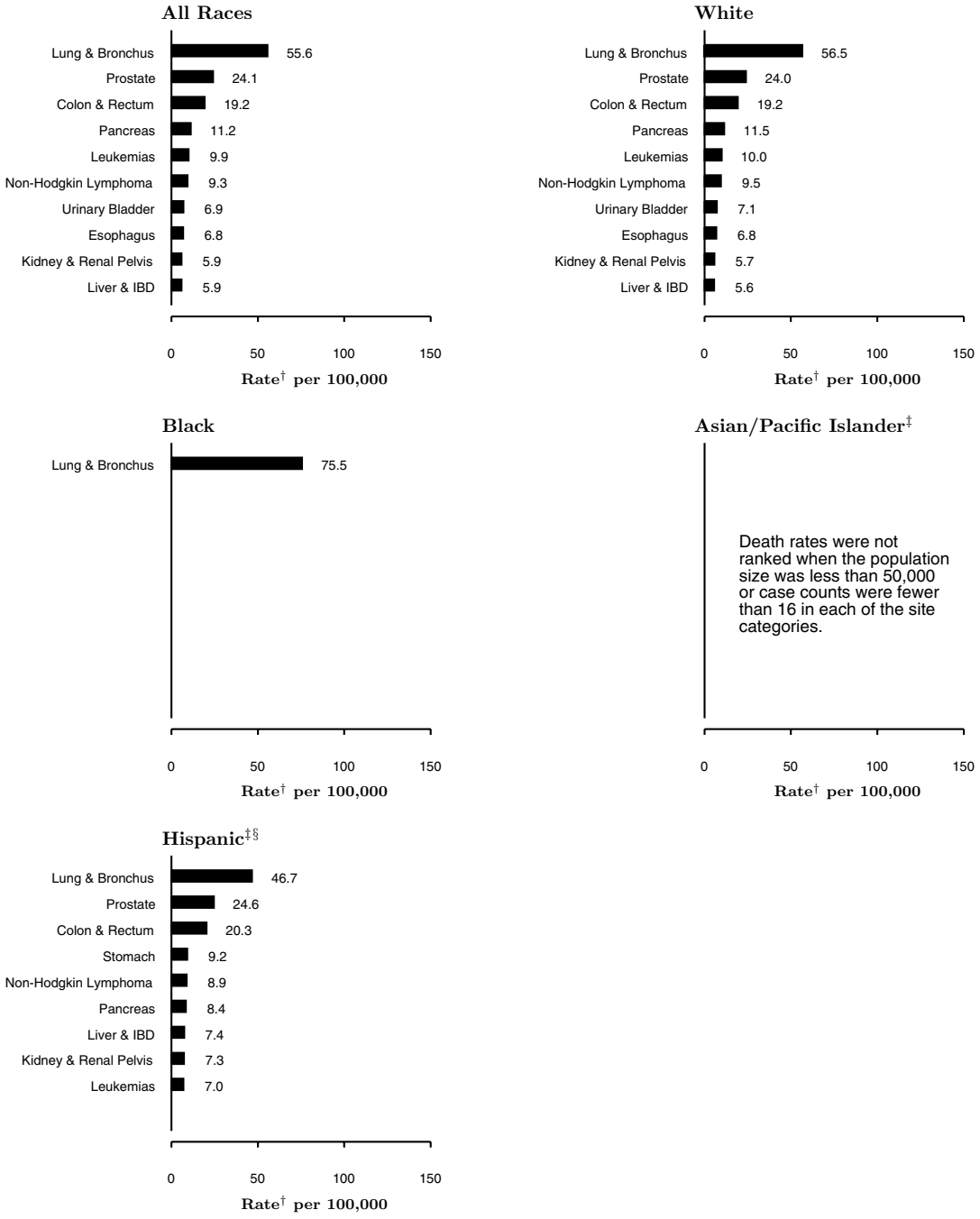
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.4.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

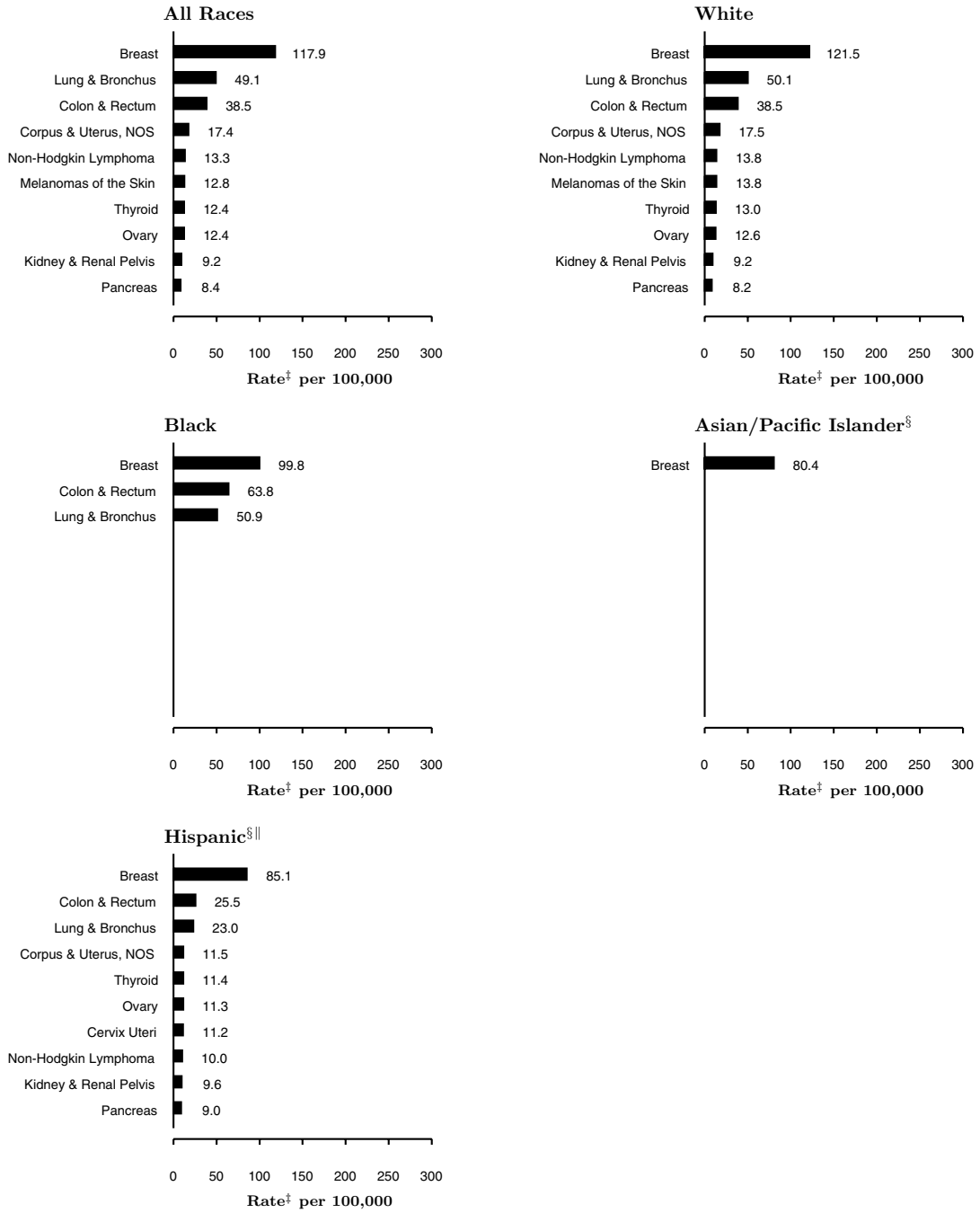
Arizona,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.4.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Arizona,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

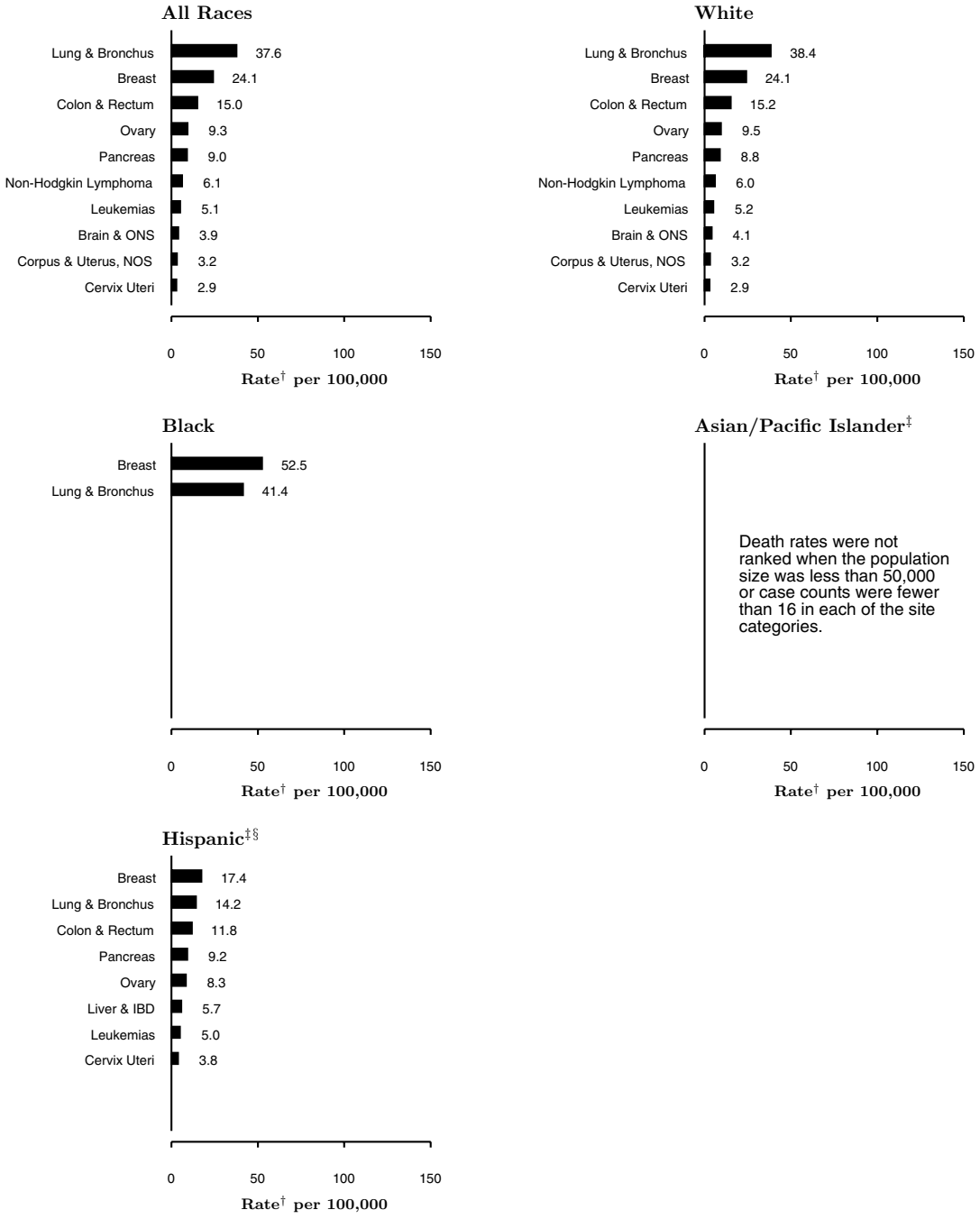
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.4.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

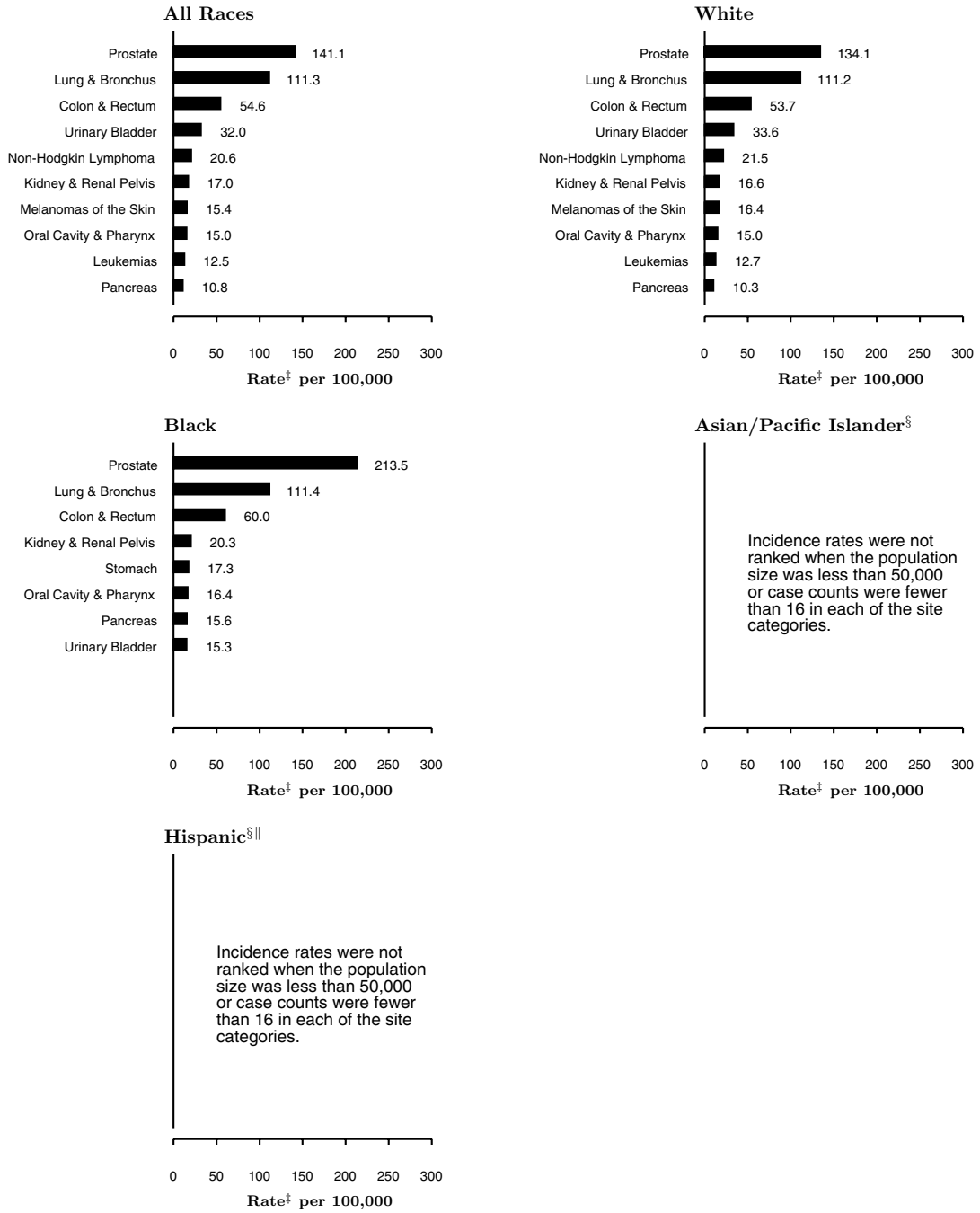
Arizona,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.5.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Arkansas,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

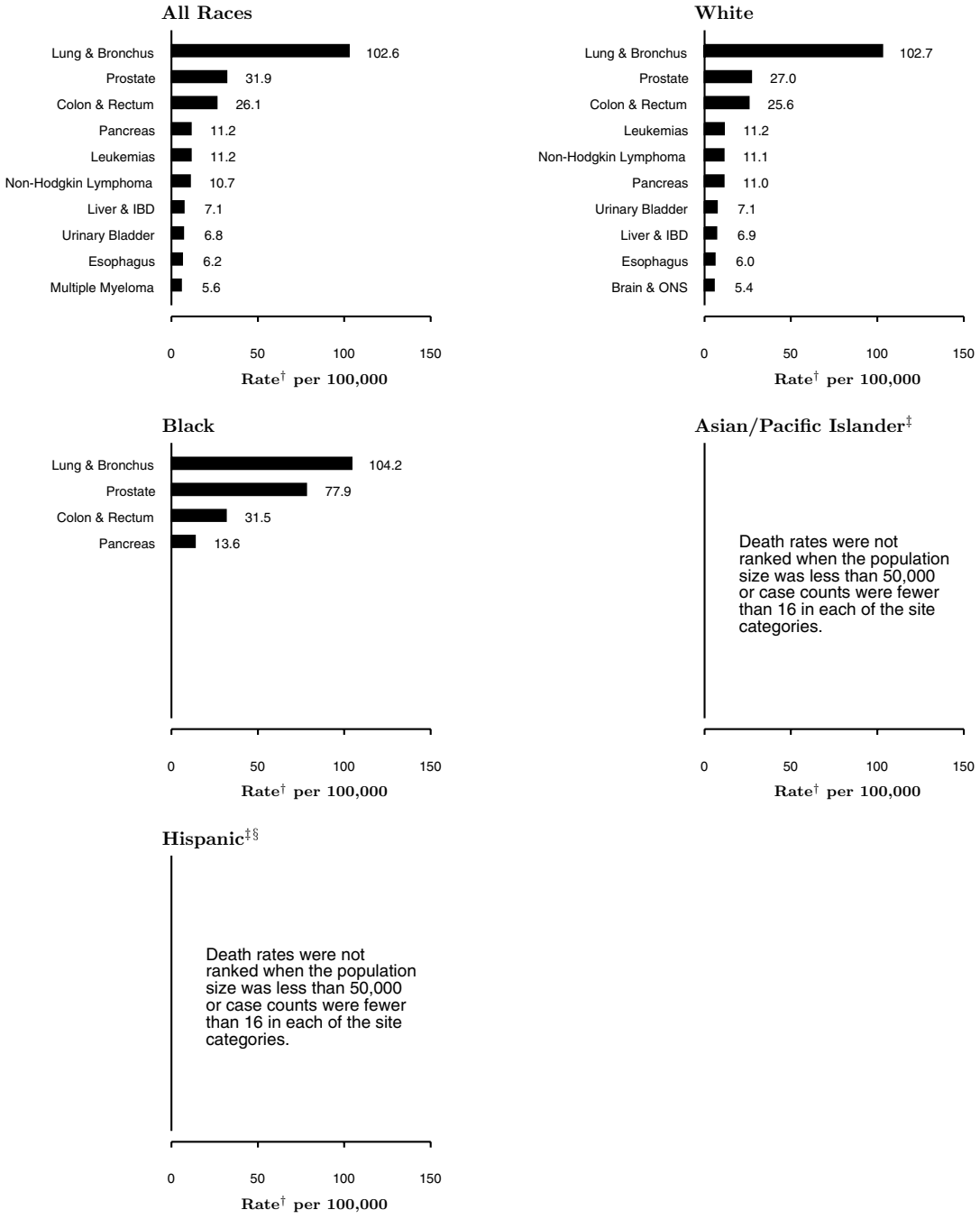
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.5.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

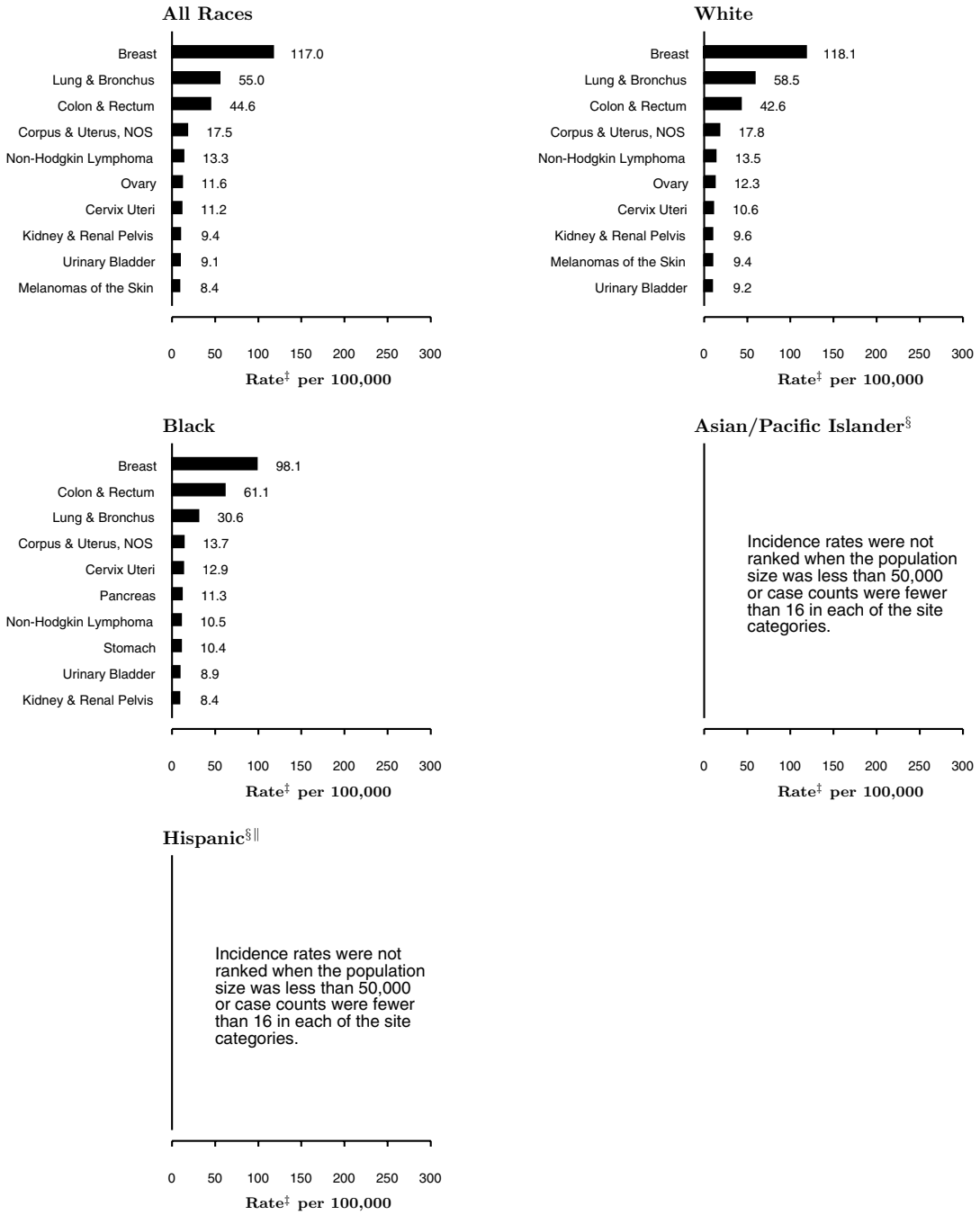
Arkansas,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.5.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Arkansas,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M–2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

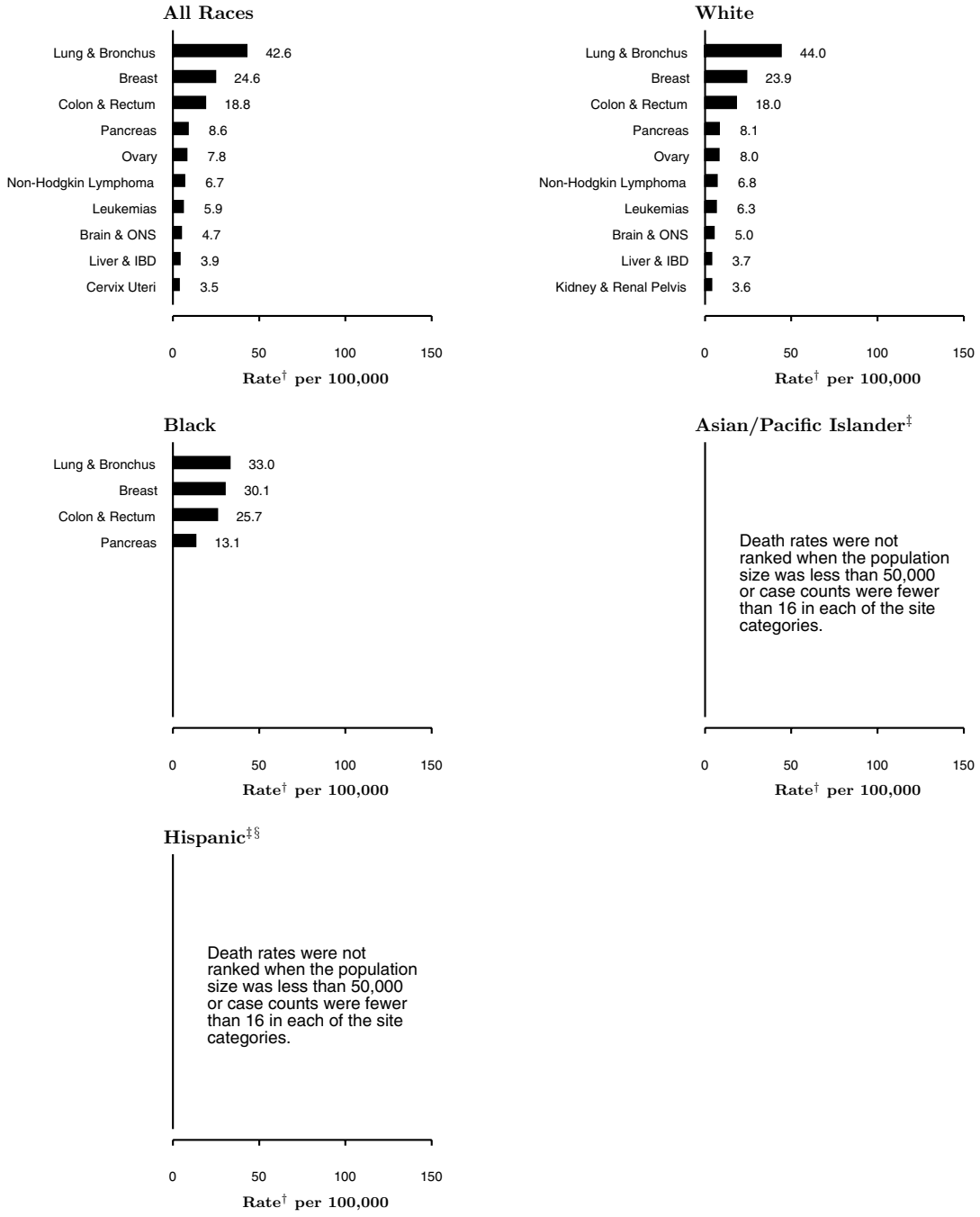
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.5.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

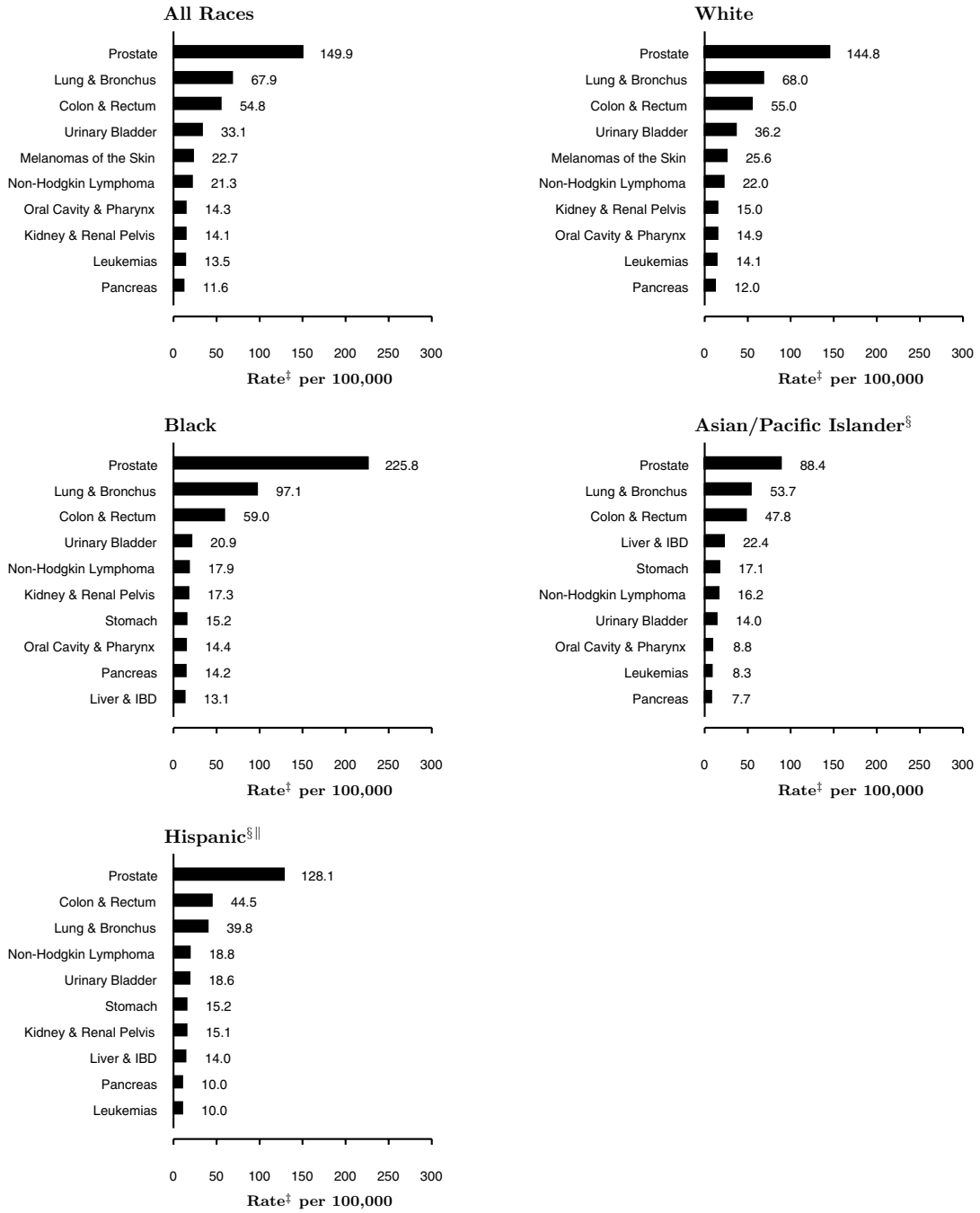
Arkansas,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.6.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

California,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M–2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

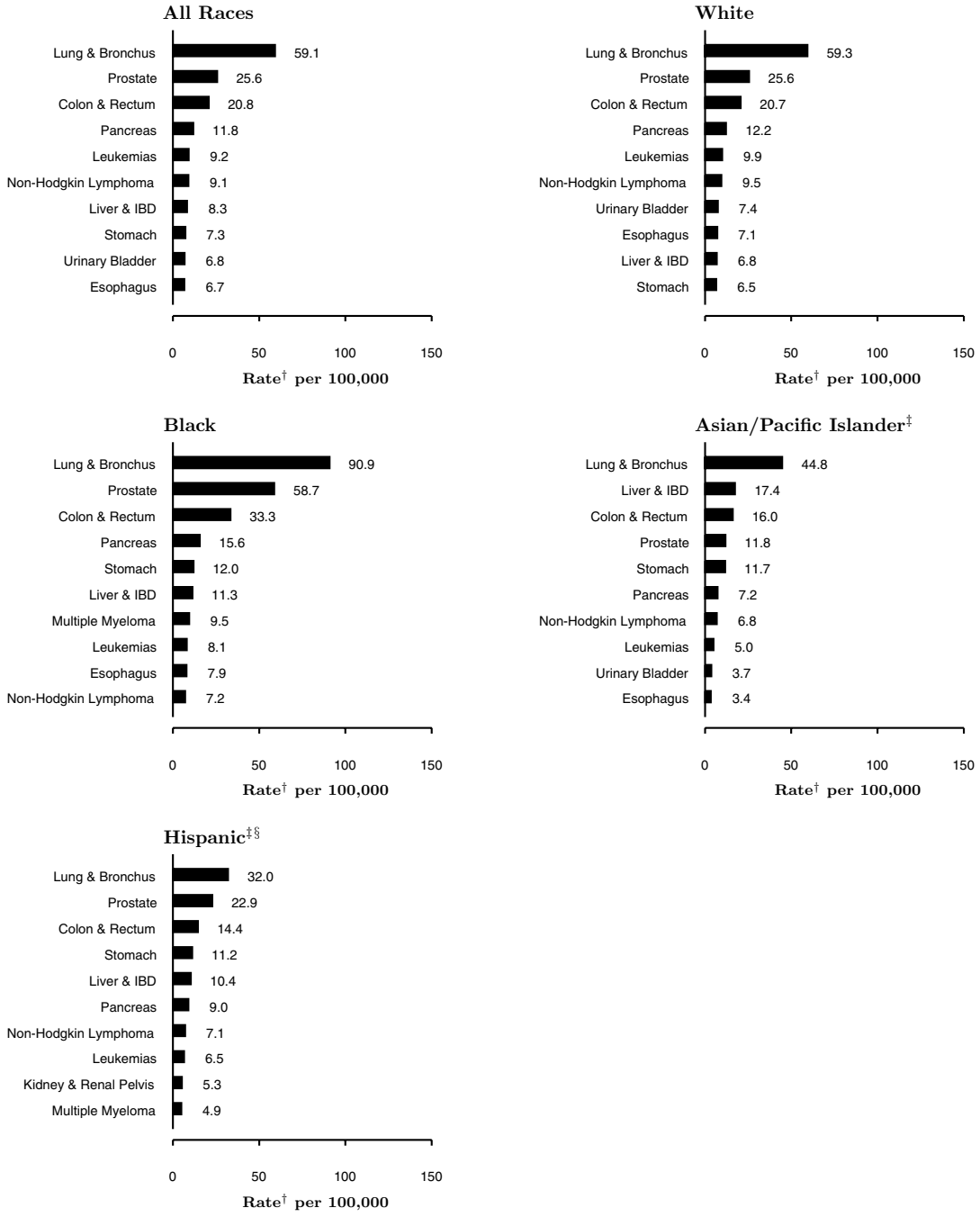
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.6.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

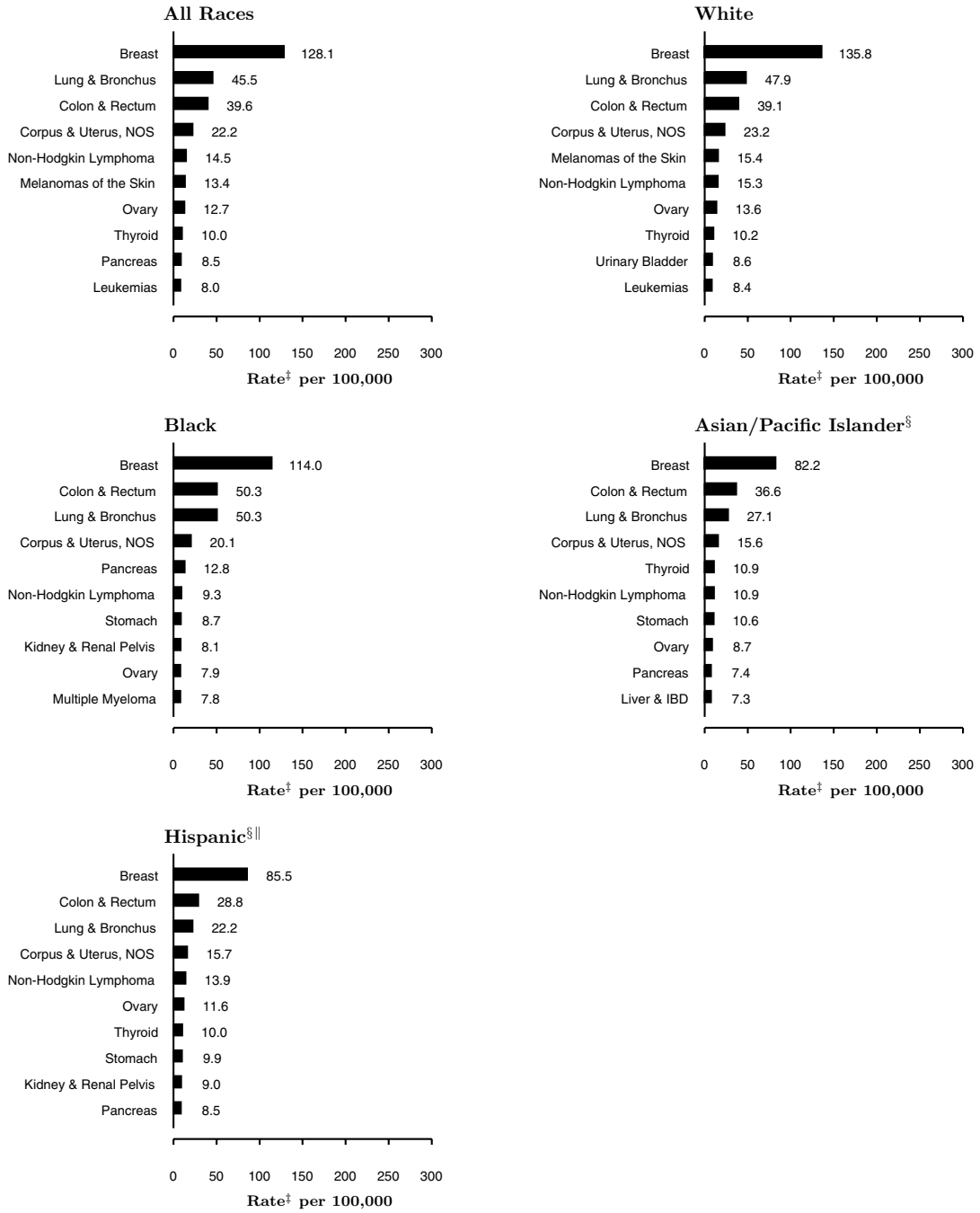
California,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.6.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

California,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

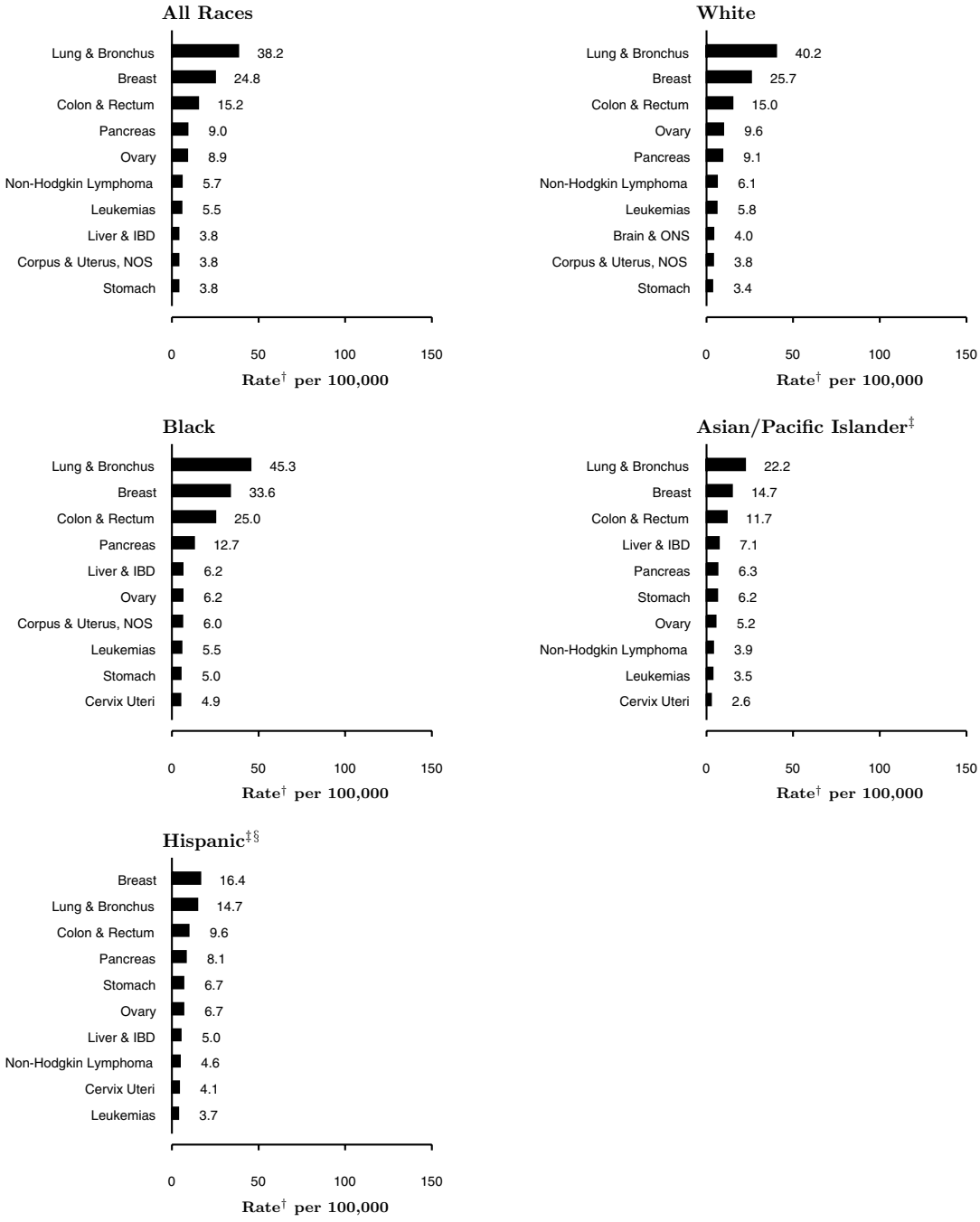
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.6.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

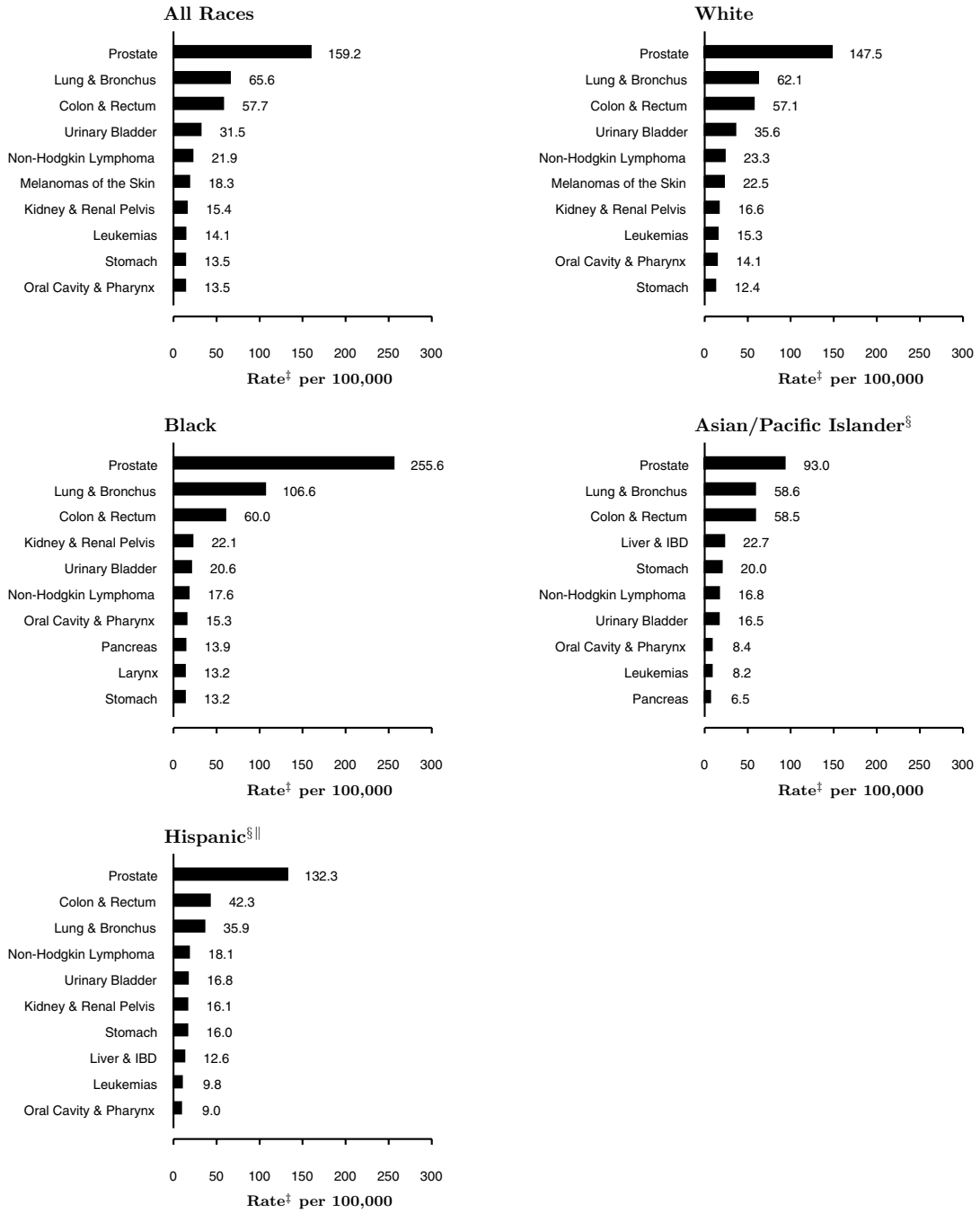
California,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.7.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Los Angeles,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M–2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

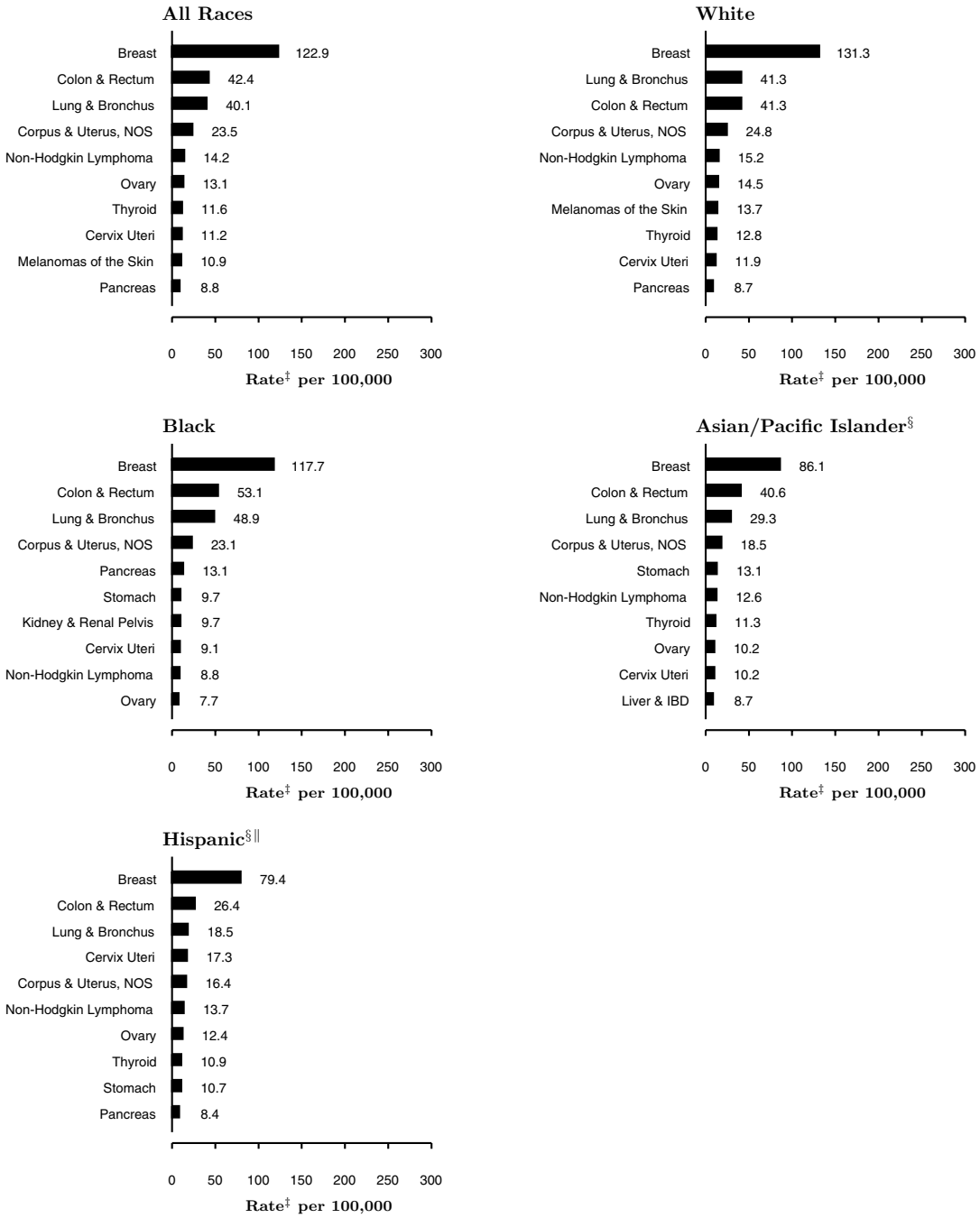
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.7.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Los Angeles,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

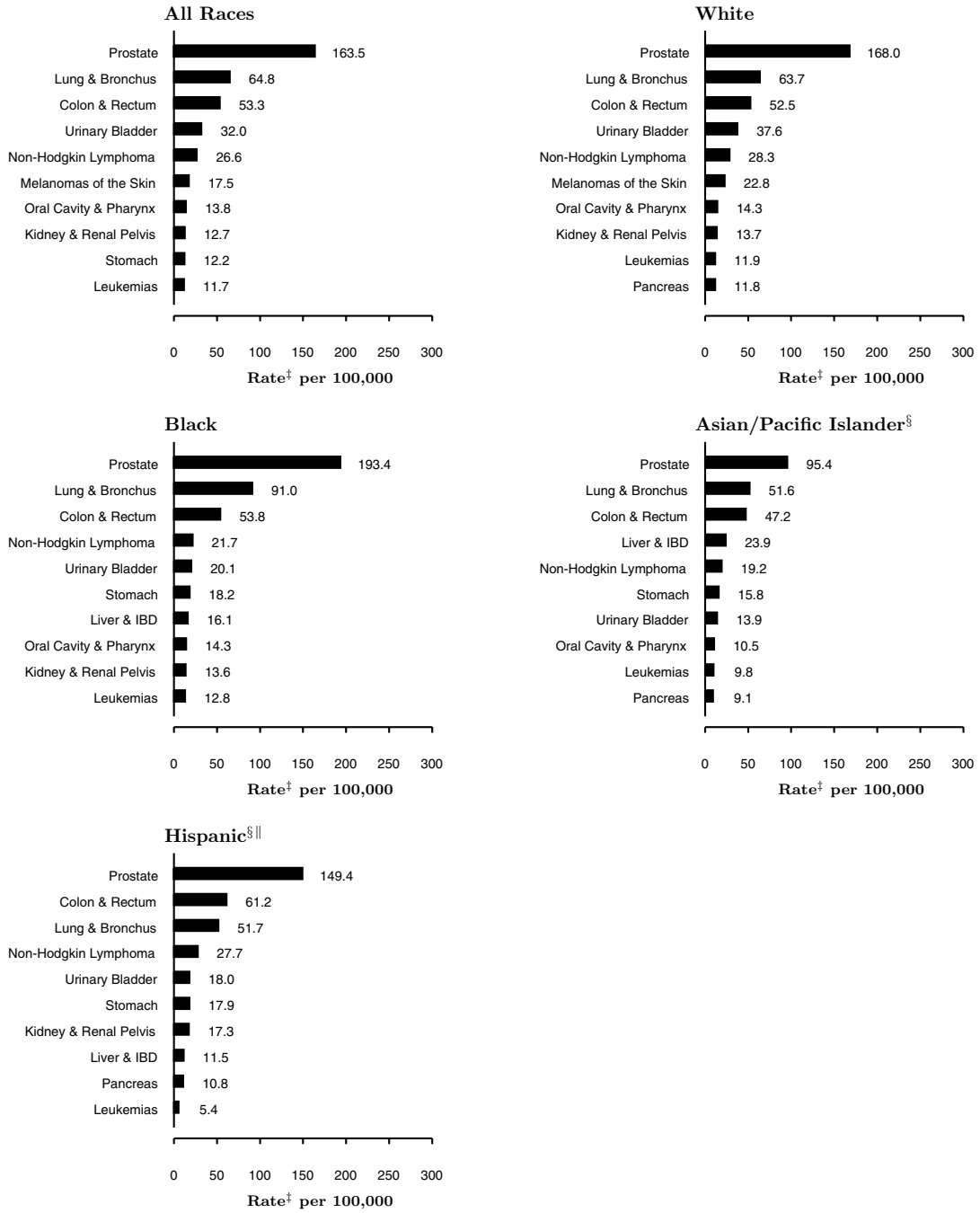
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.8.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

San Francisco-Oakland,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

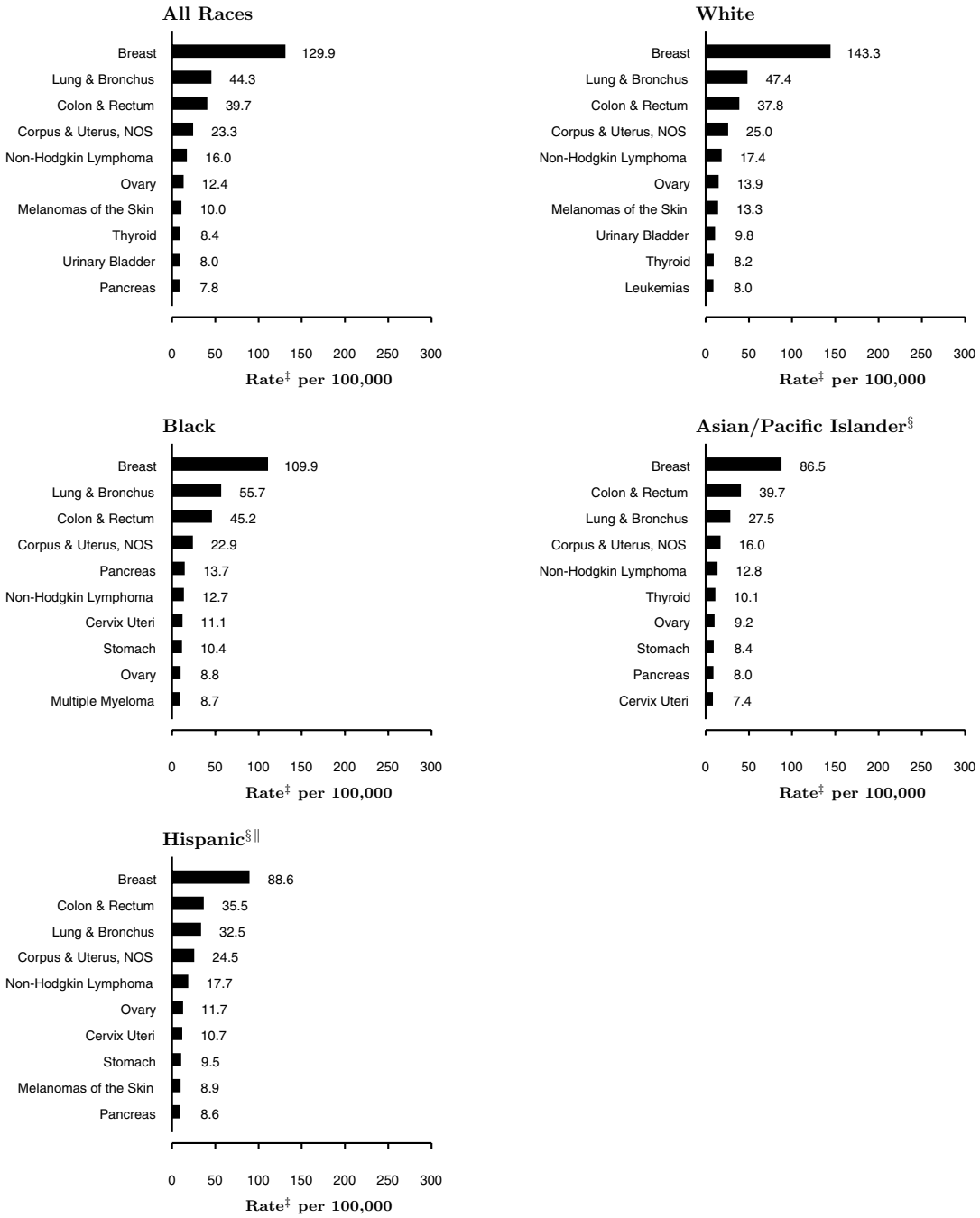
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.8.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

San Francisco-Oakland,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

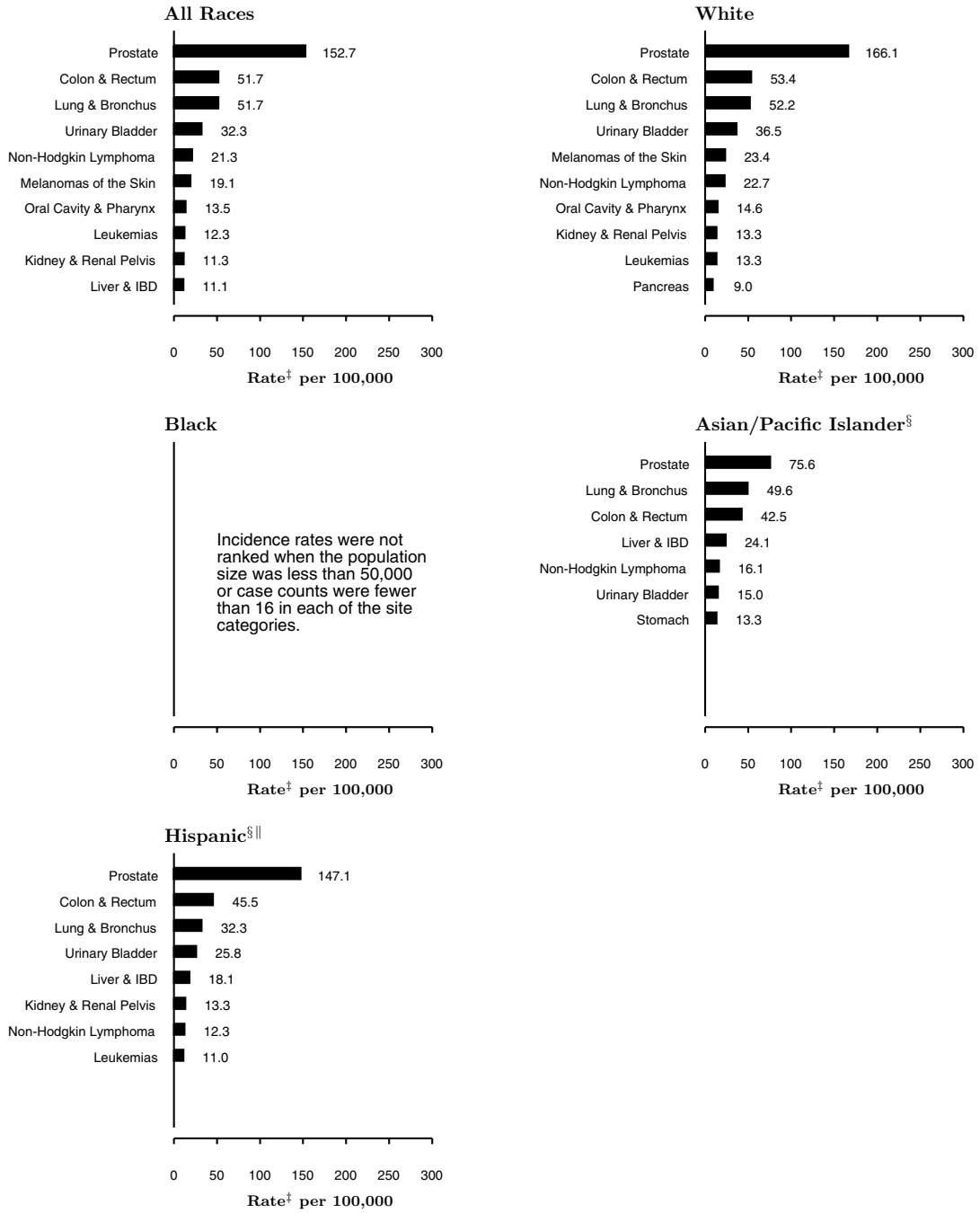
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.9.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

San Jose-Monterey,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

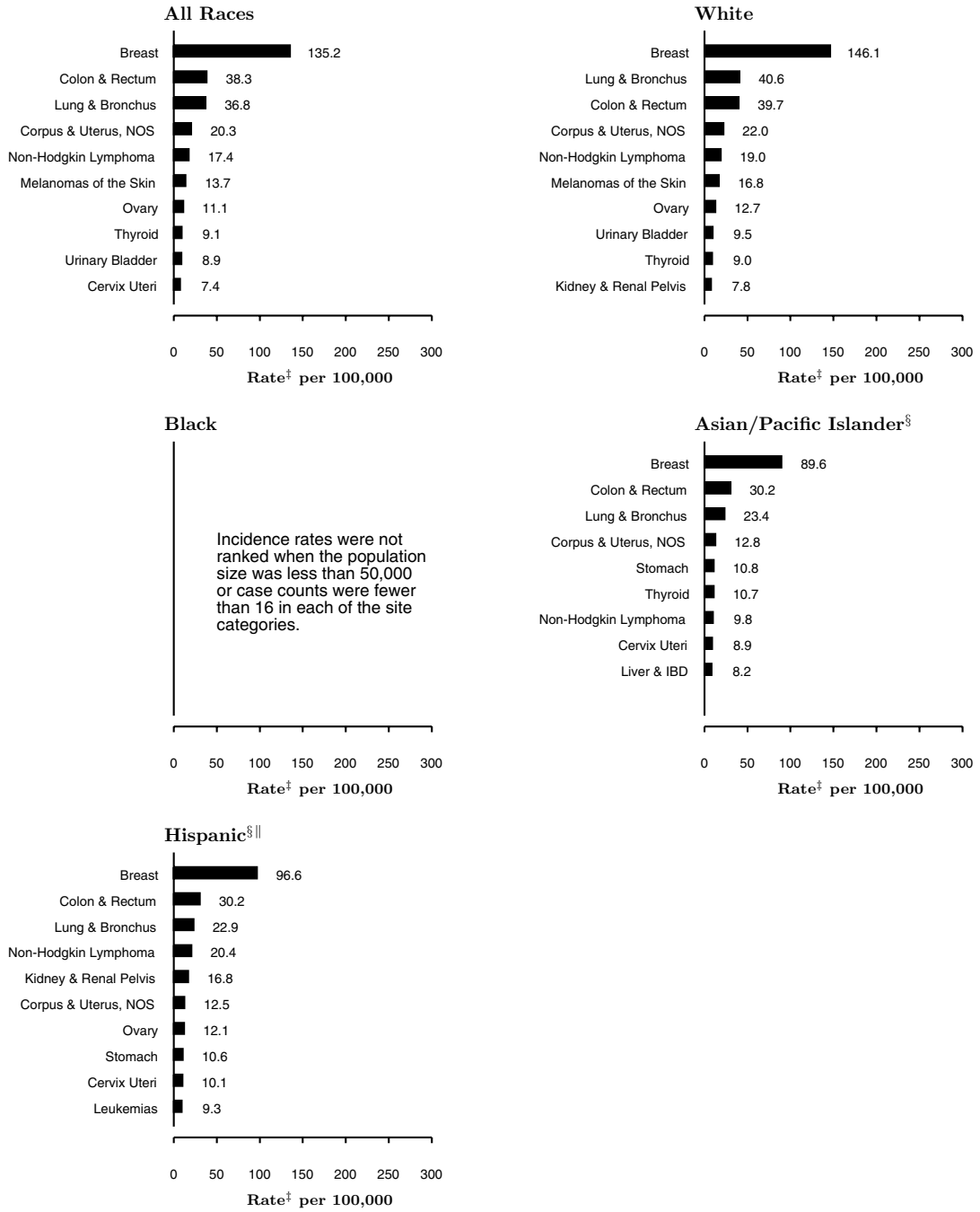
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.9.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

San Jose-Monterey,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

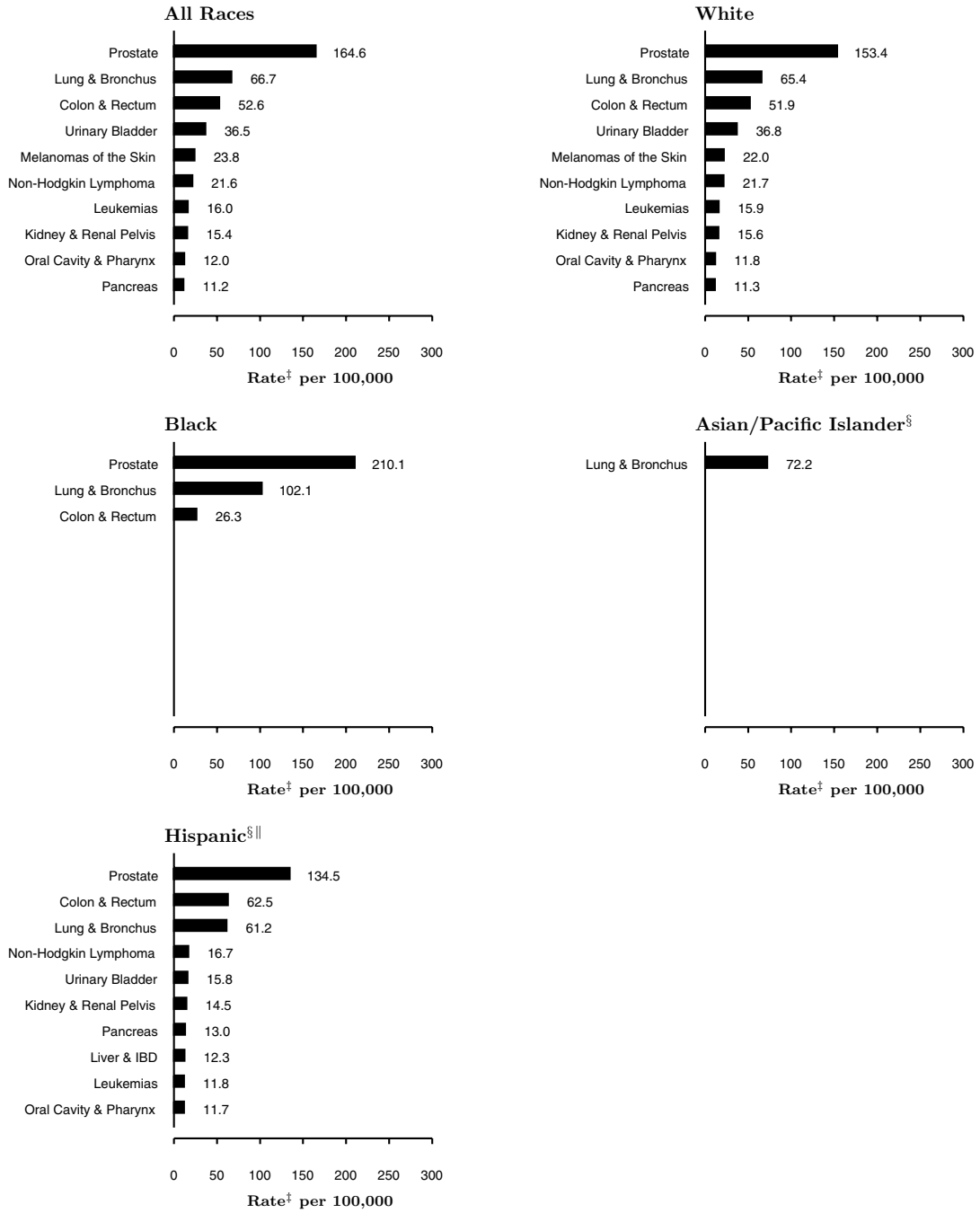
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.10.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Colorado,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

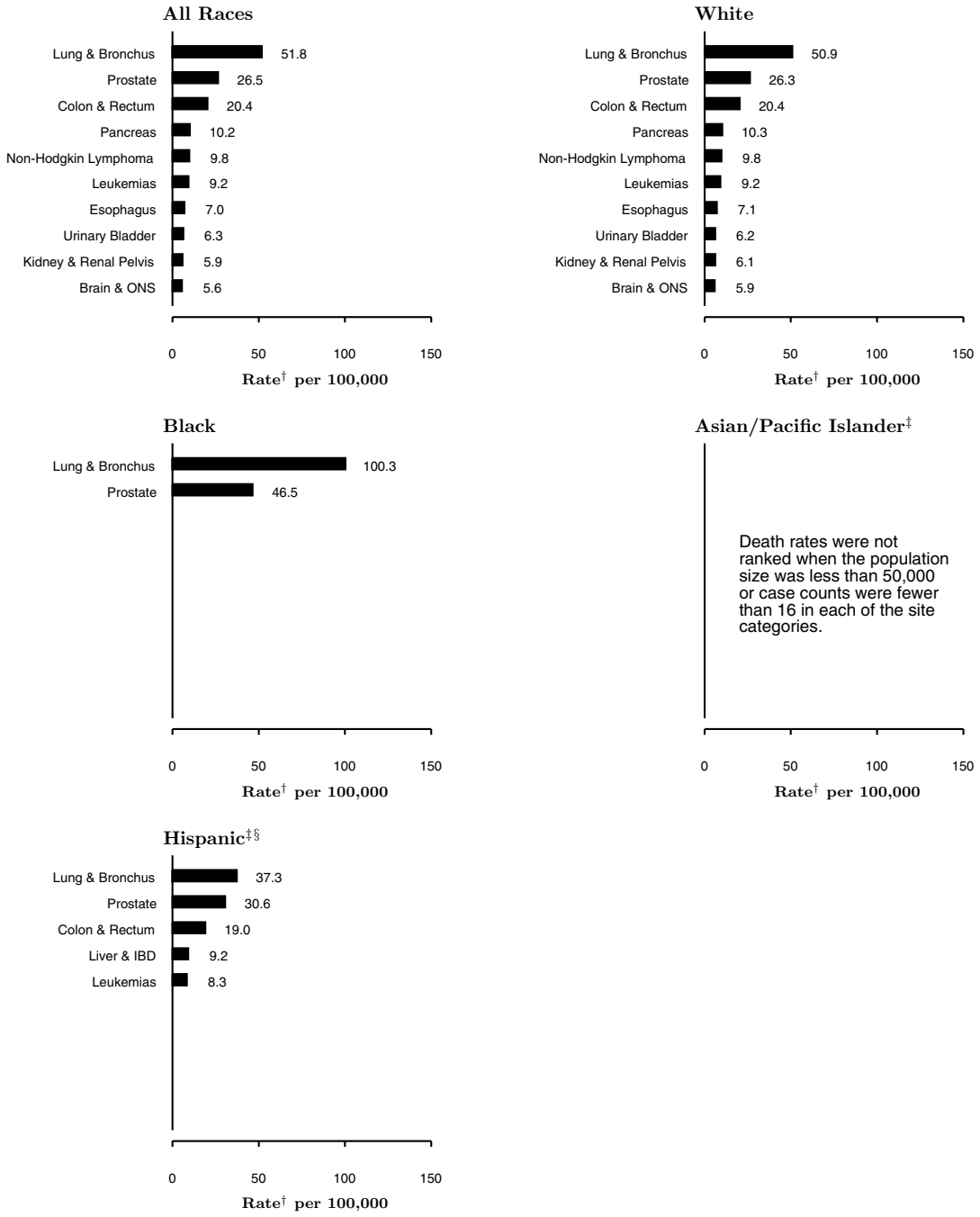
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.10.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

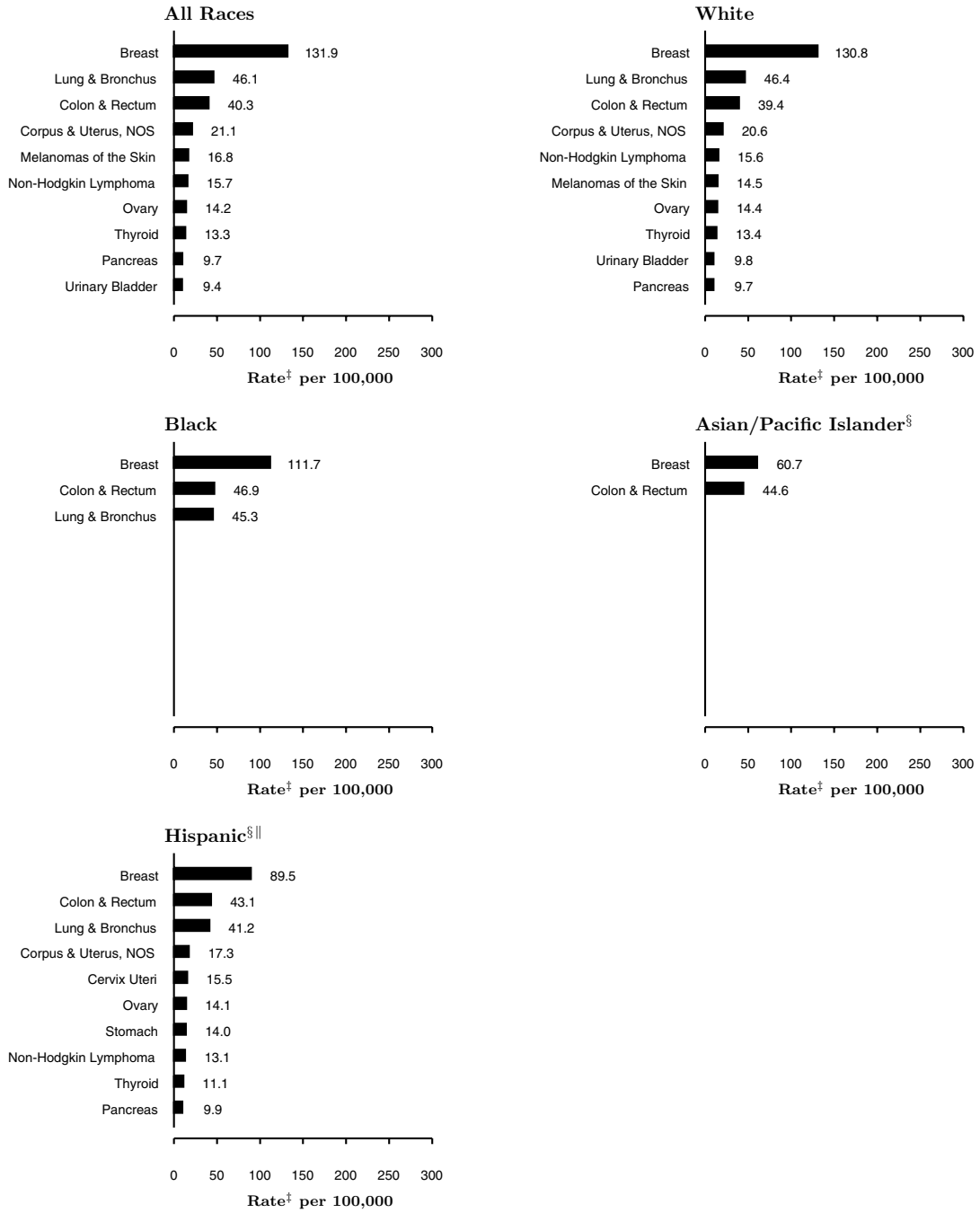
Colorado,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.10.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Colorado,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

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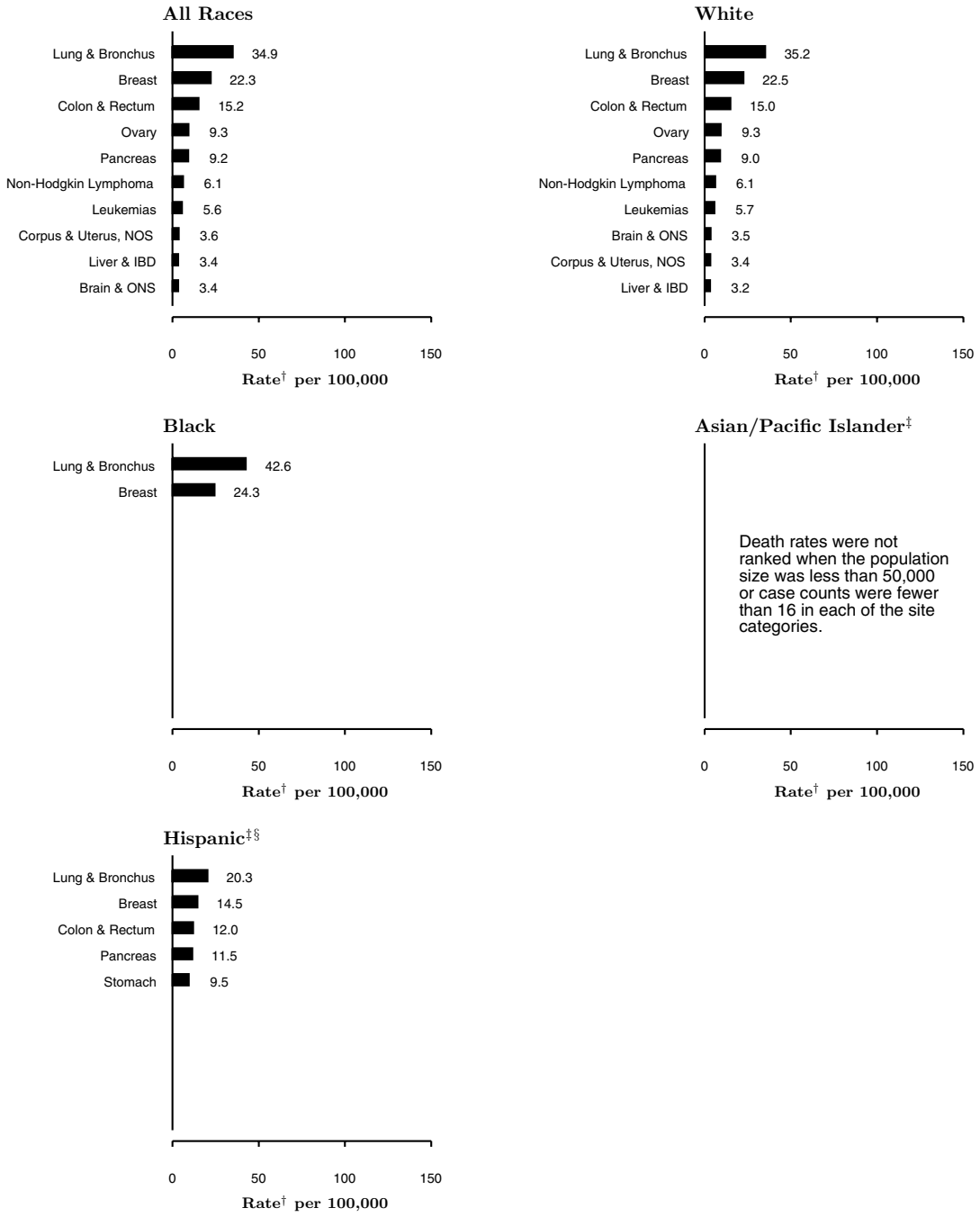
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.10.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

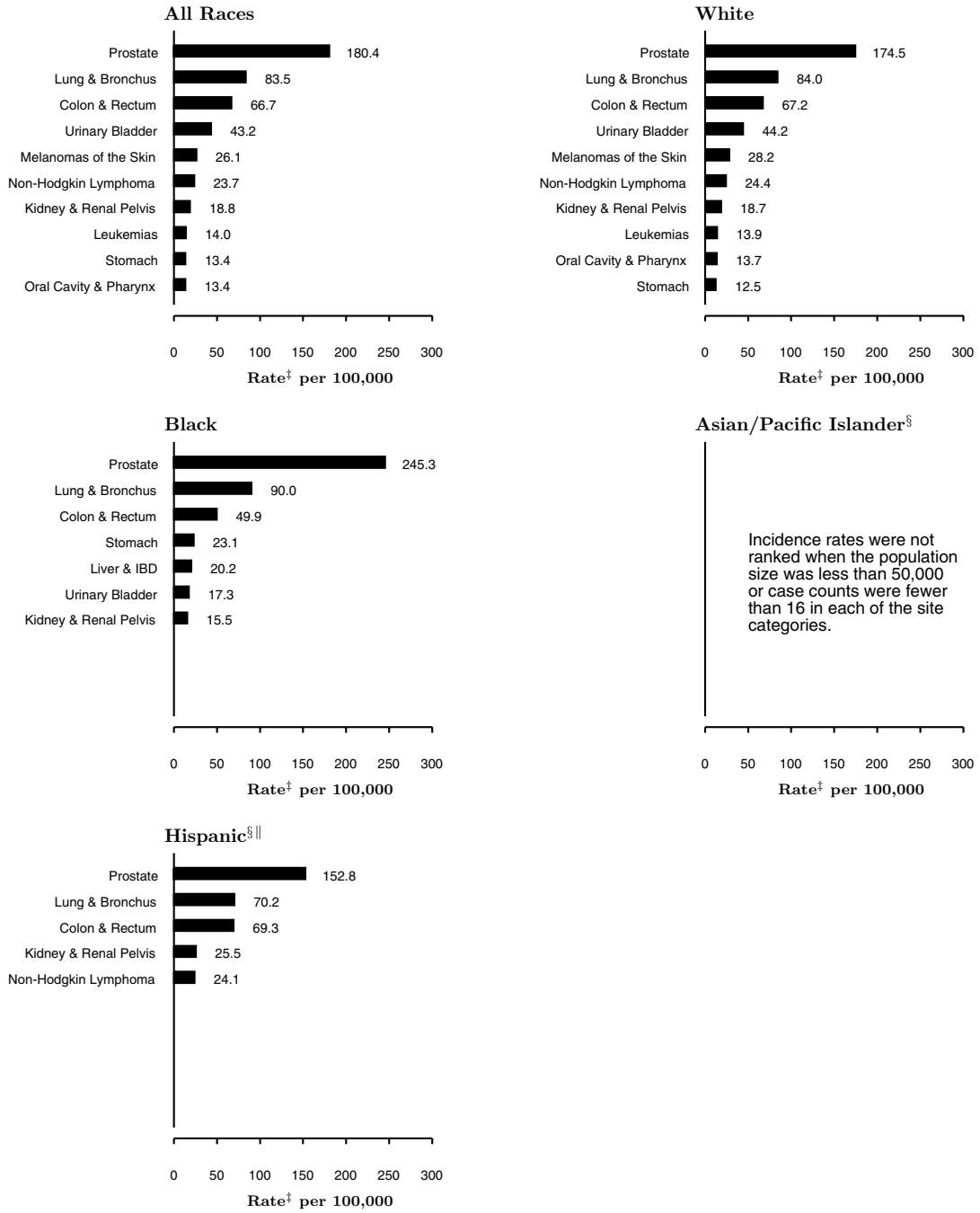
Colorado,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.11.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Connecticut,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

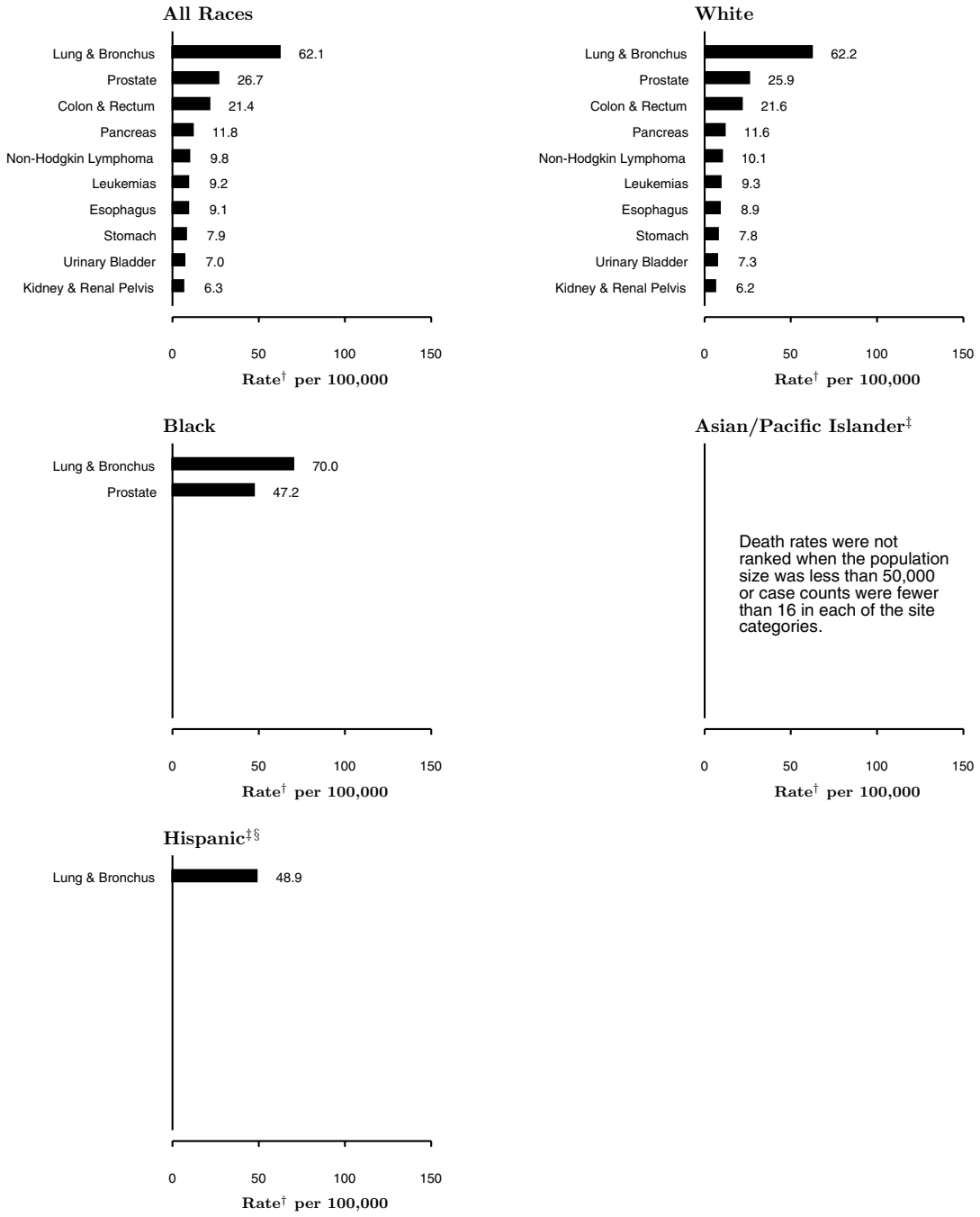
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.11.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

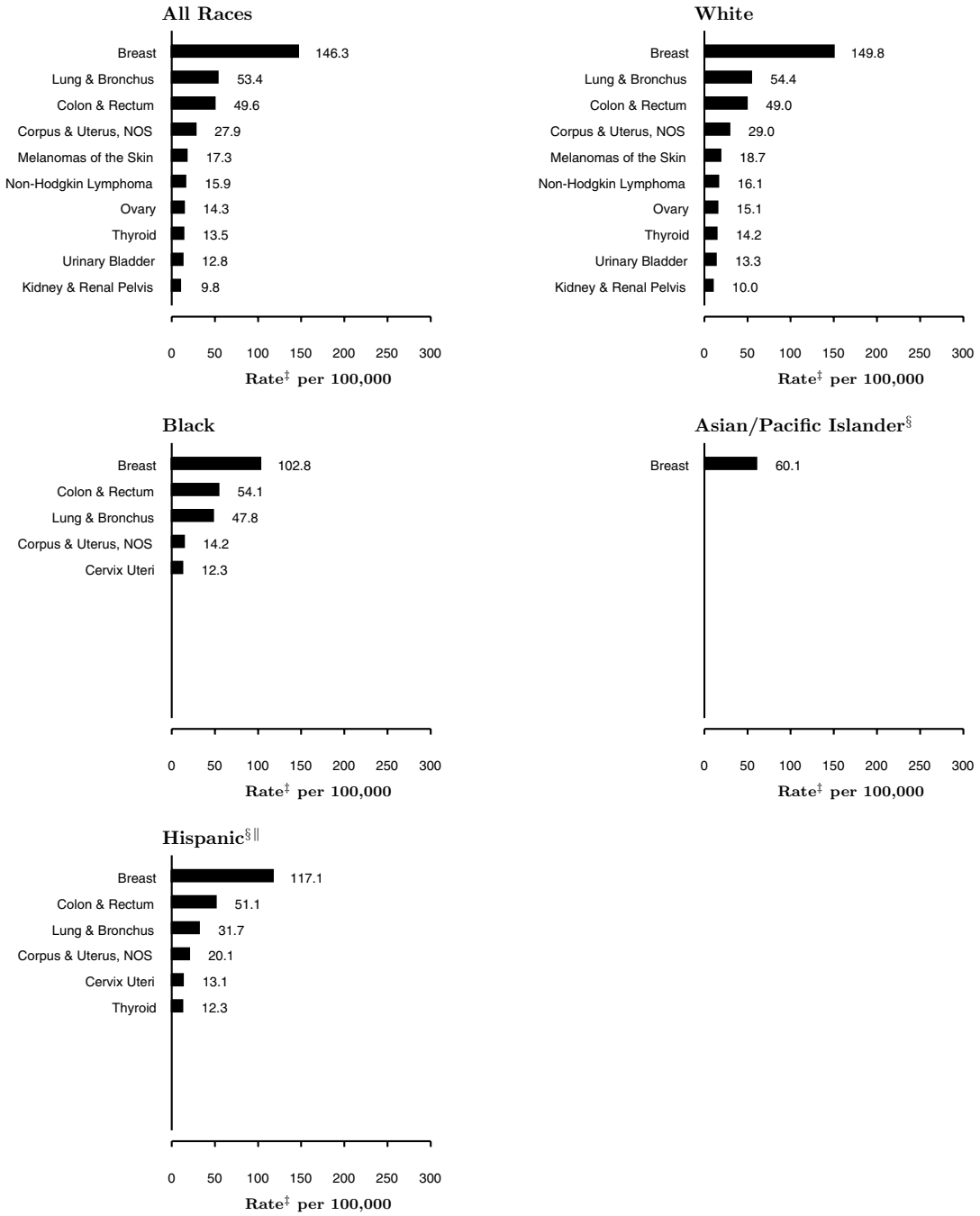
Connecticut,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.11.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Connecticut,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

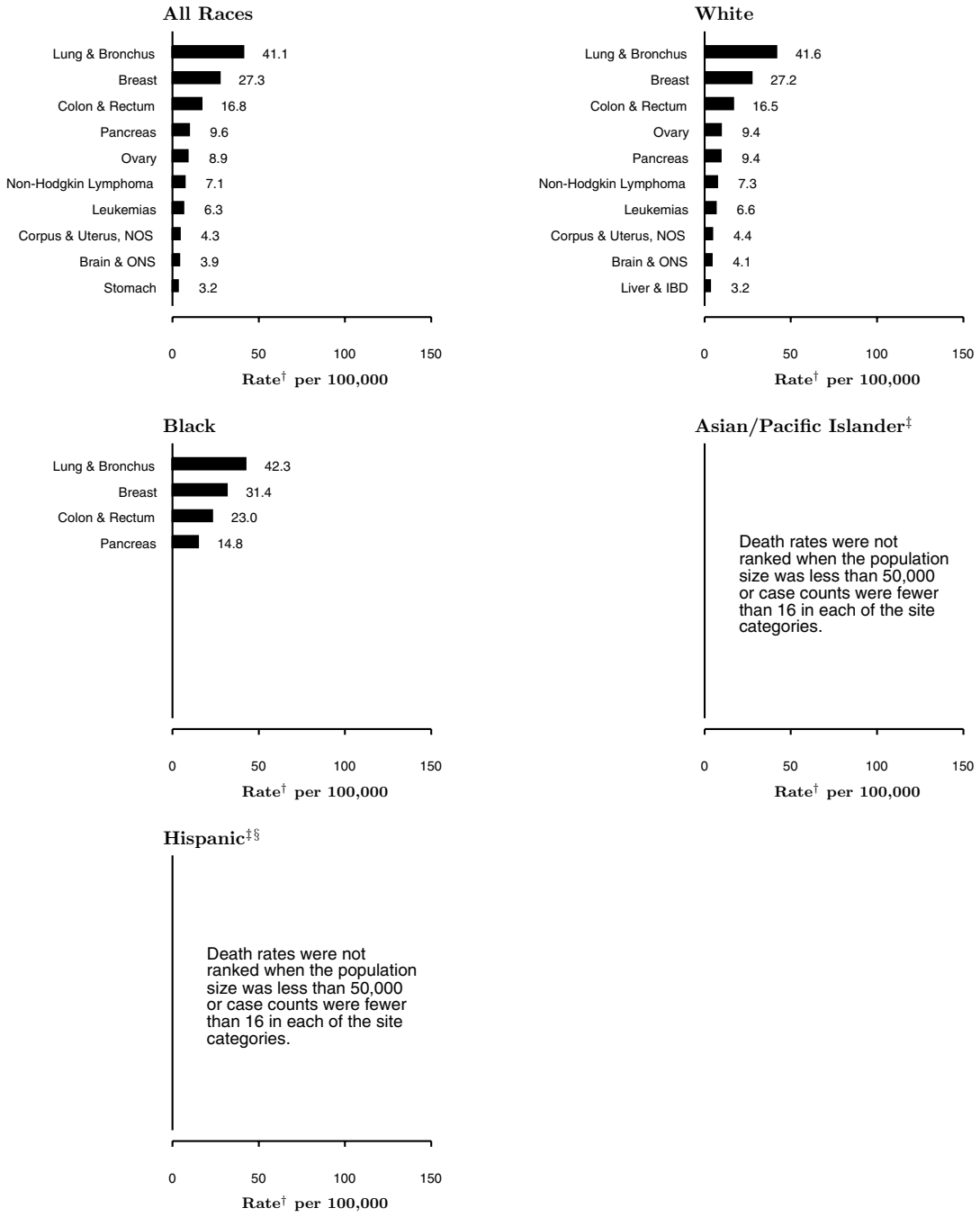
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.11.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Connecticut,* Females, 2001

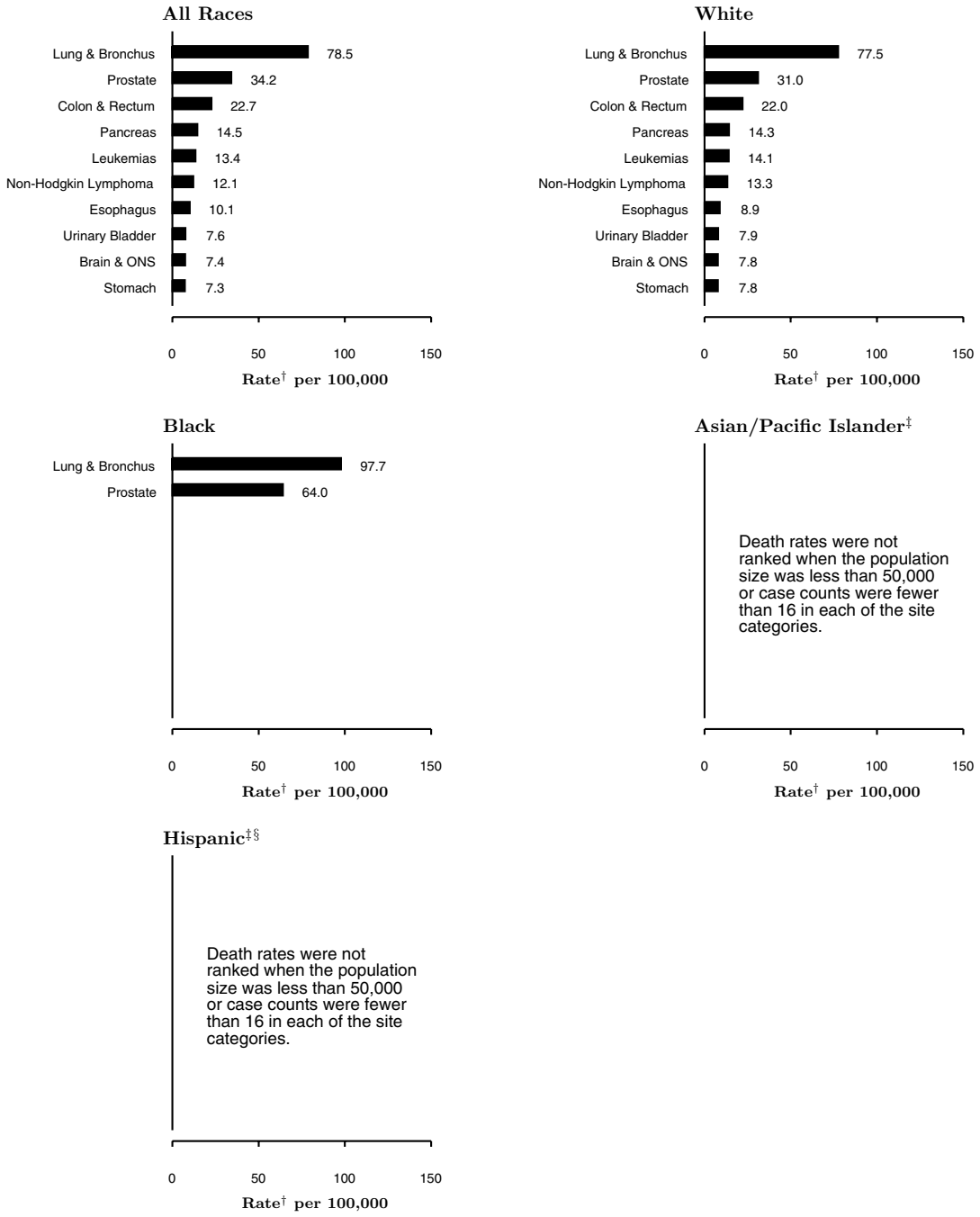


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.12.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Delaware,* Males, 2001

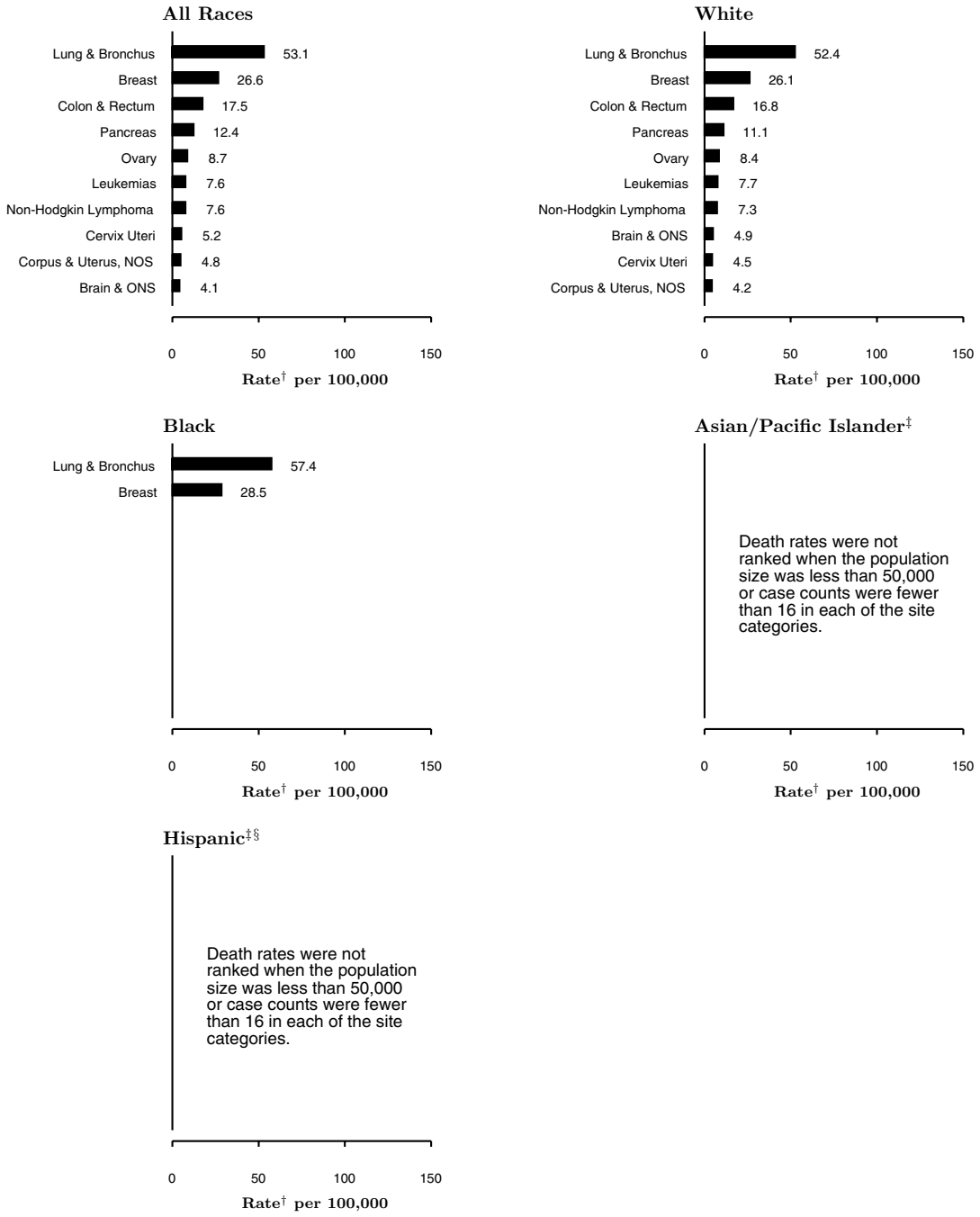


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.12.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

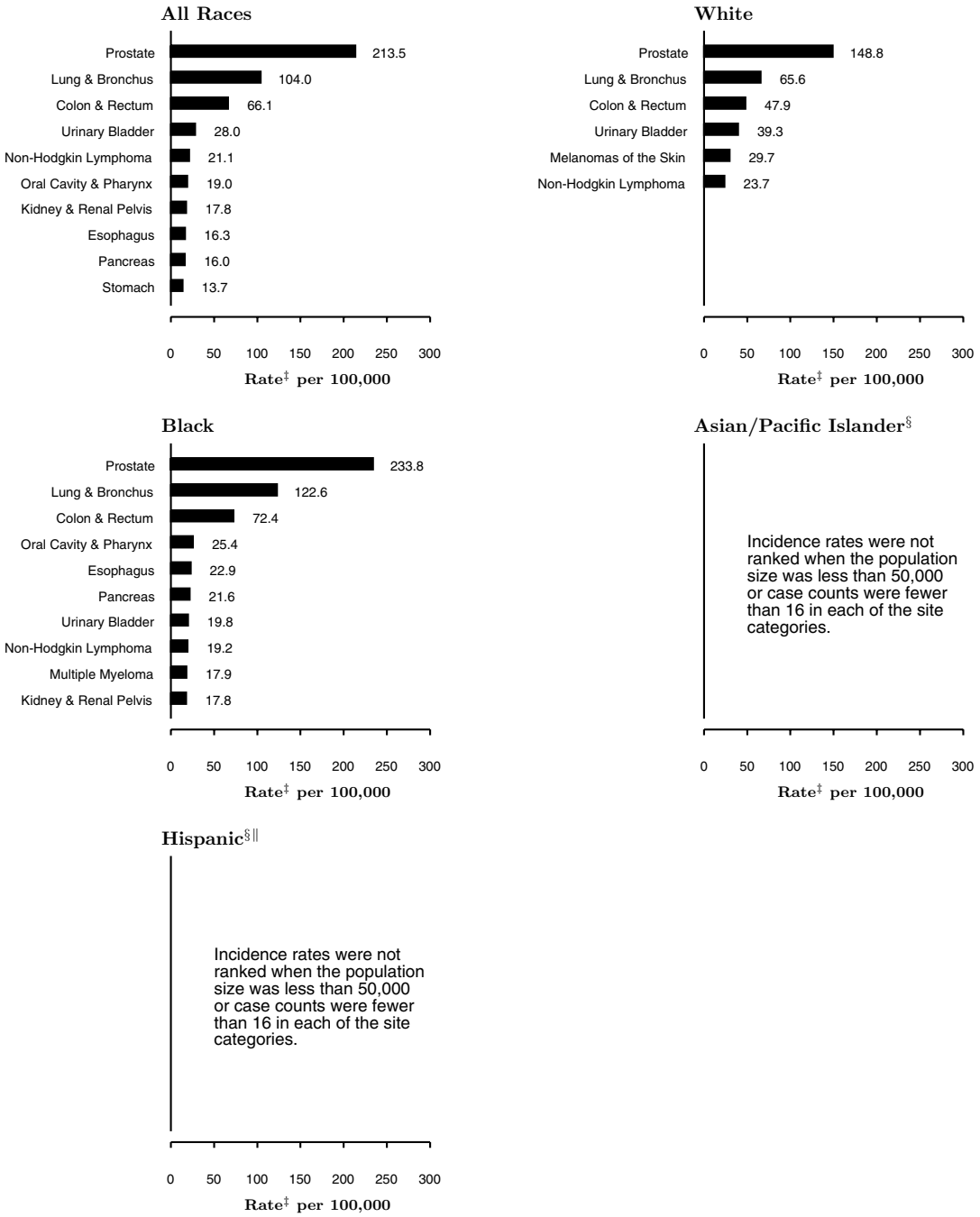
Delaware,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.13.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

District of Columbia,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

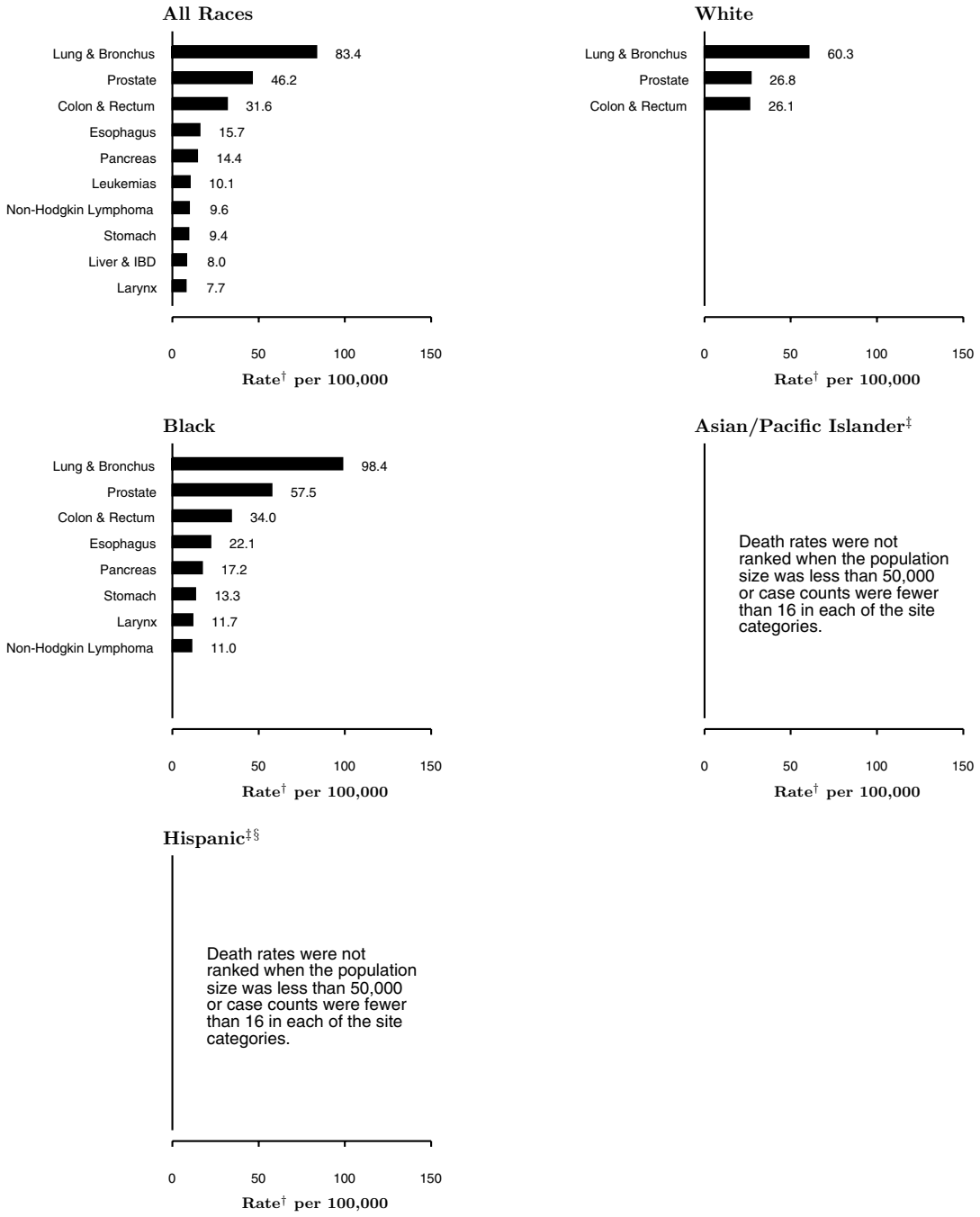
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.13.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

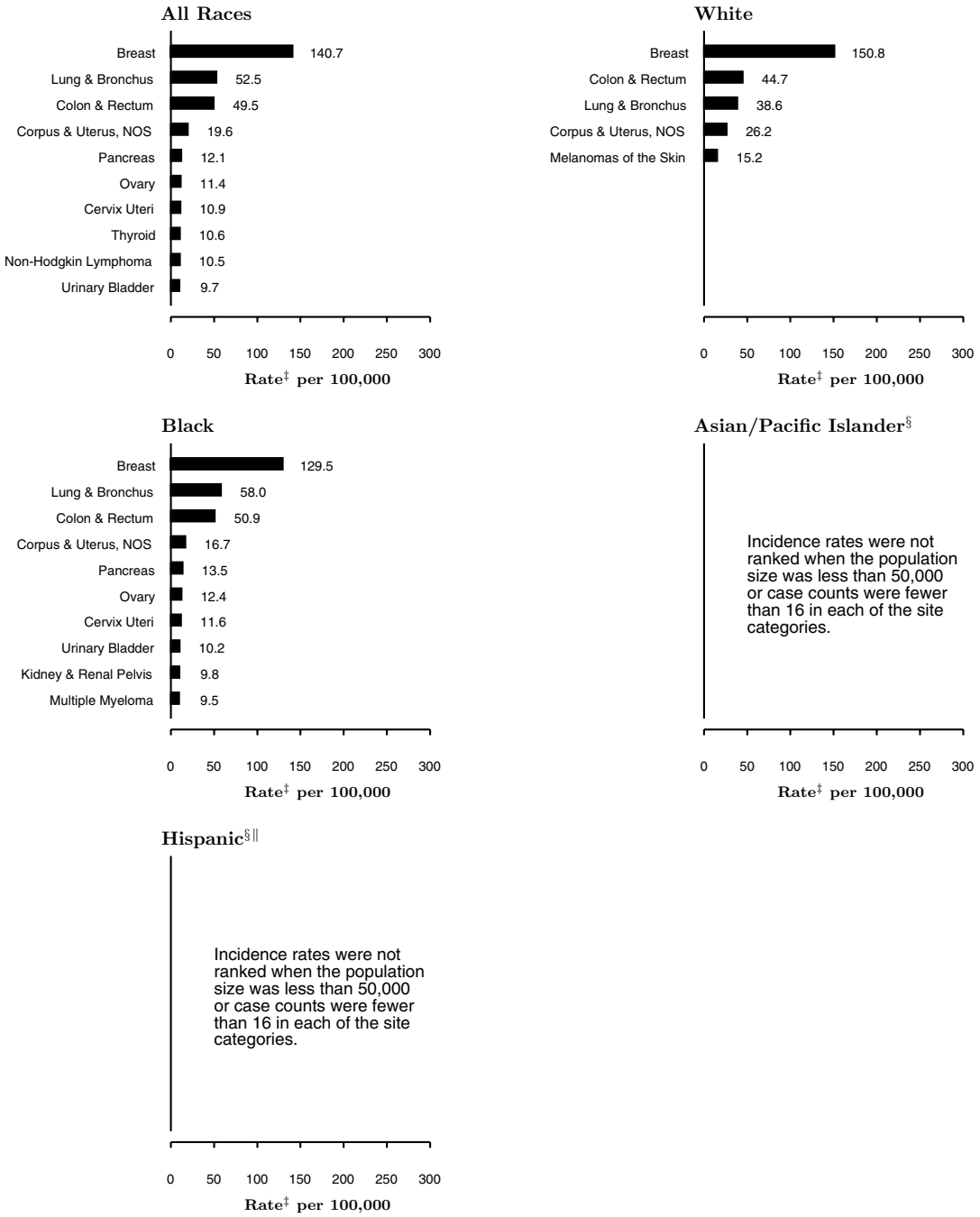
District of Columbia,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.13.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

District of Columbia,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

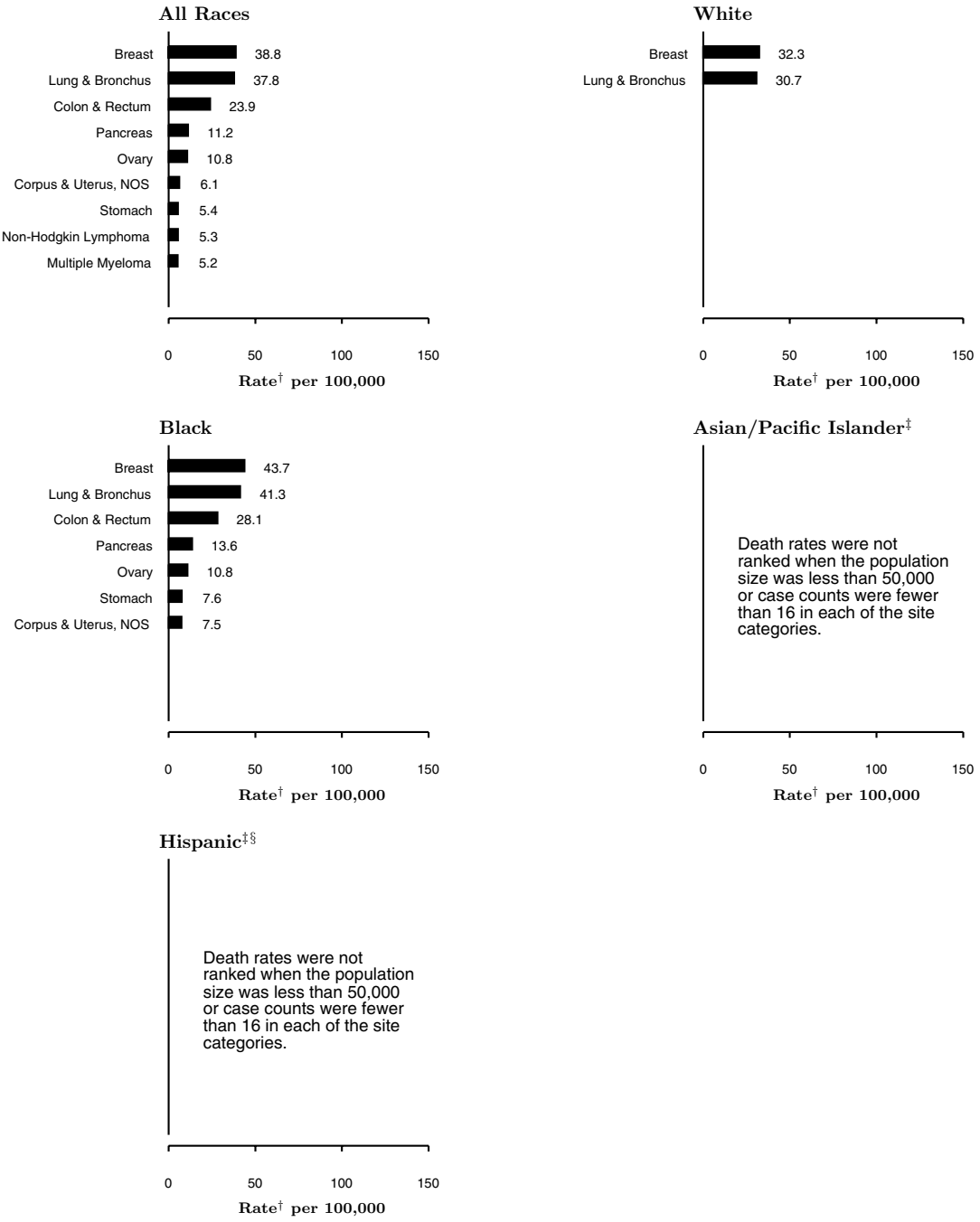
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.13.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

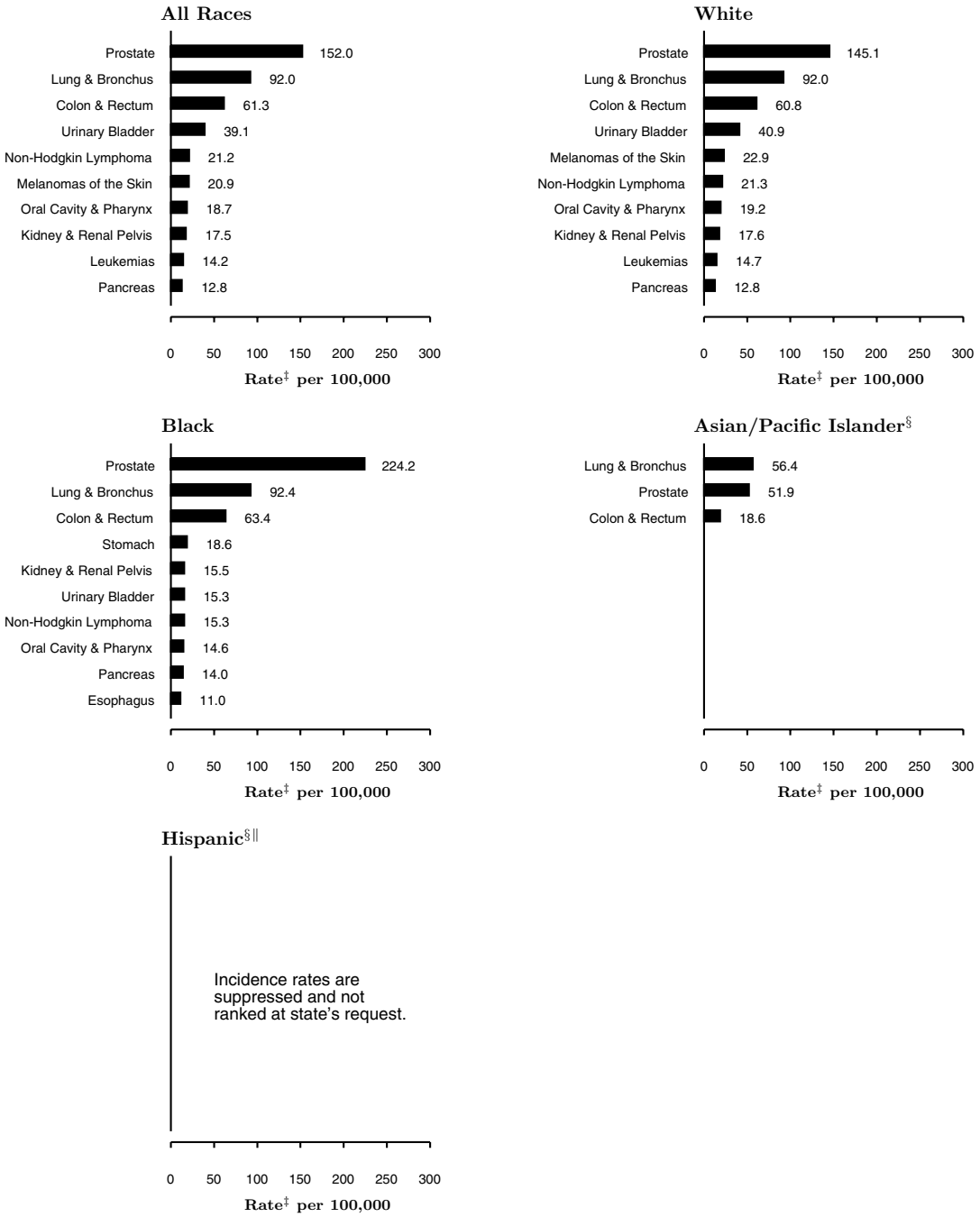
District of Columbia,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.14.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Florida,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

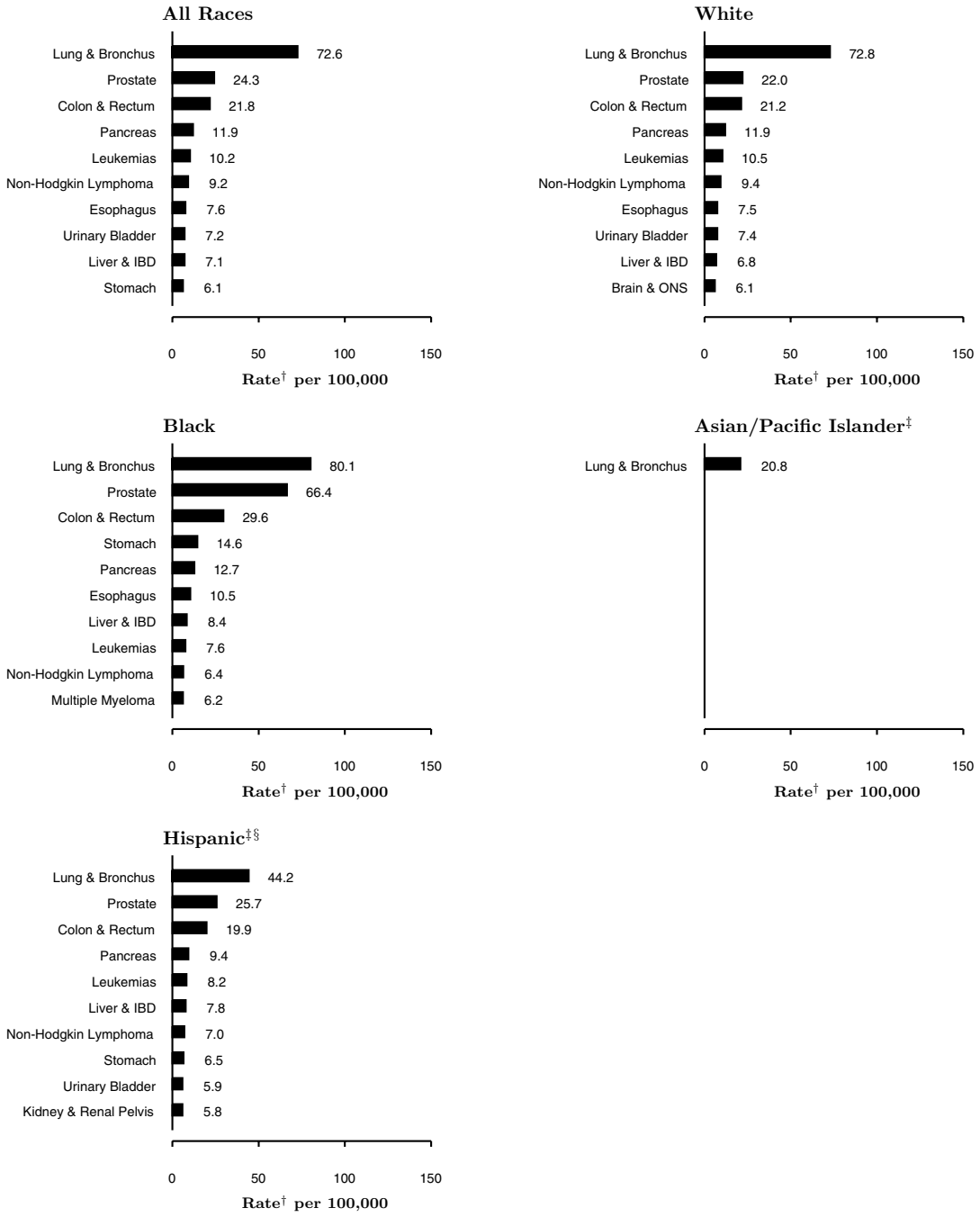
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.14.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Florida,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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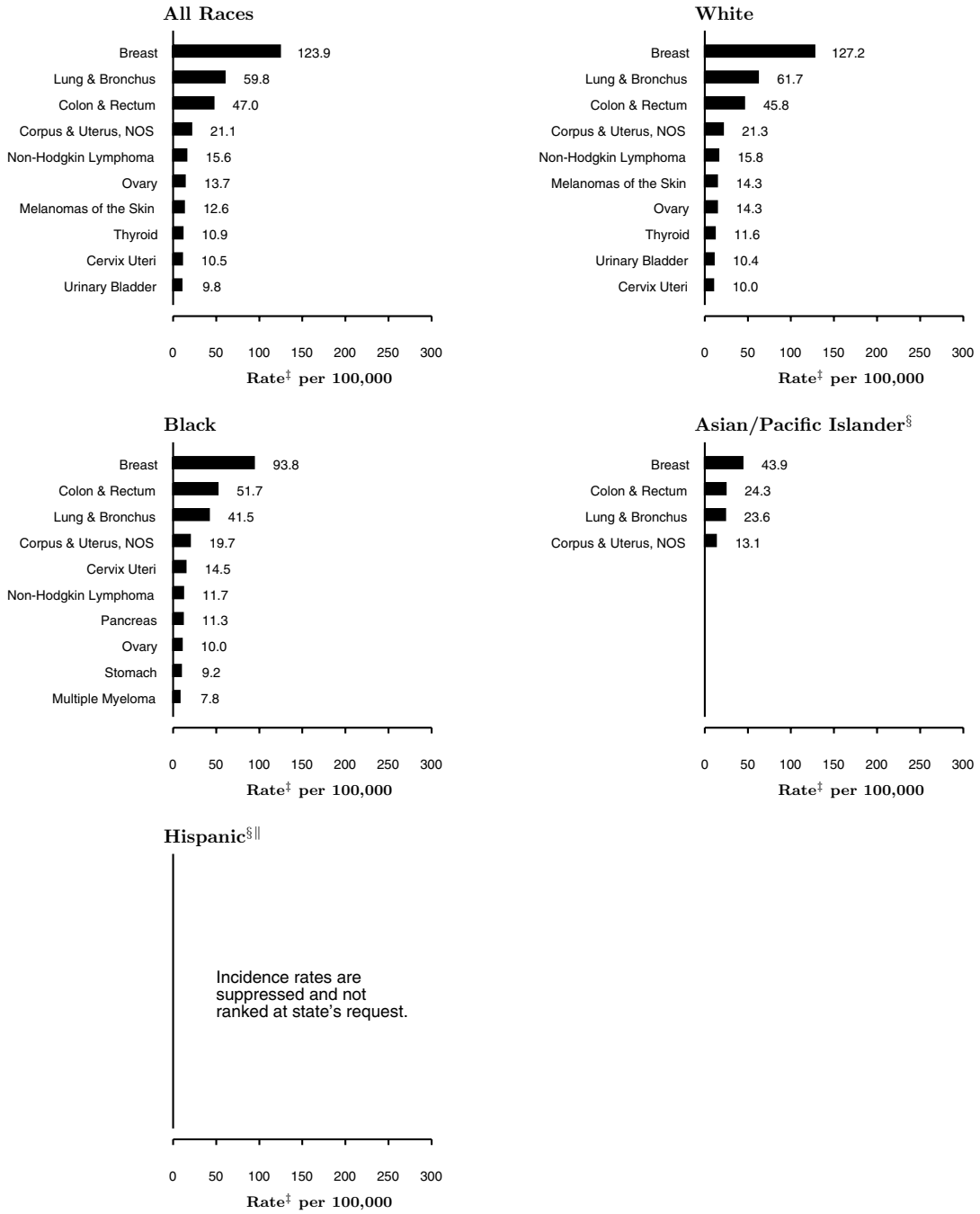
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.14.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Florida,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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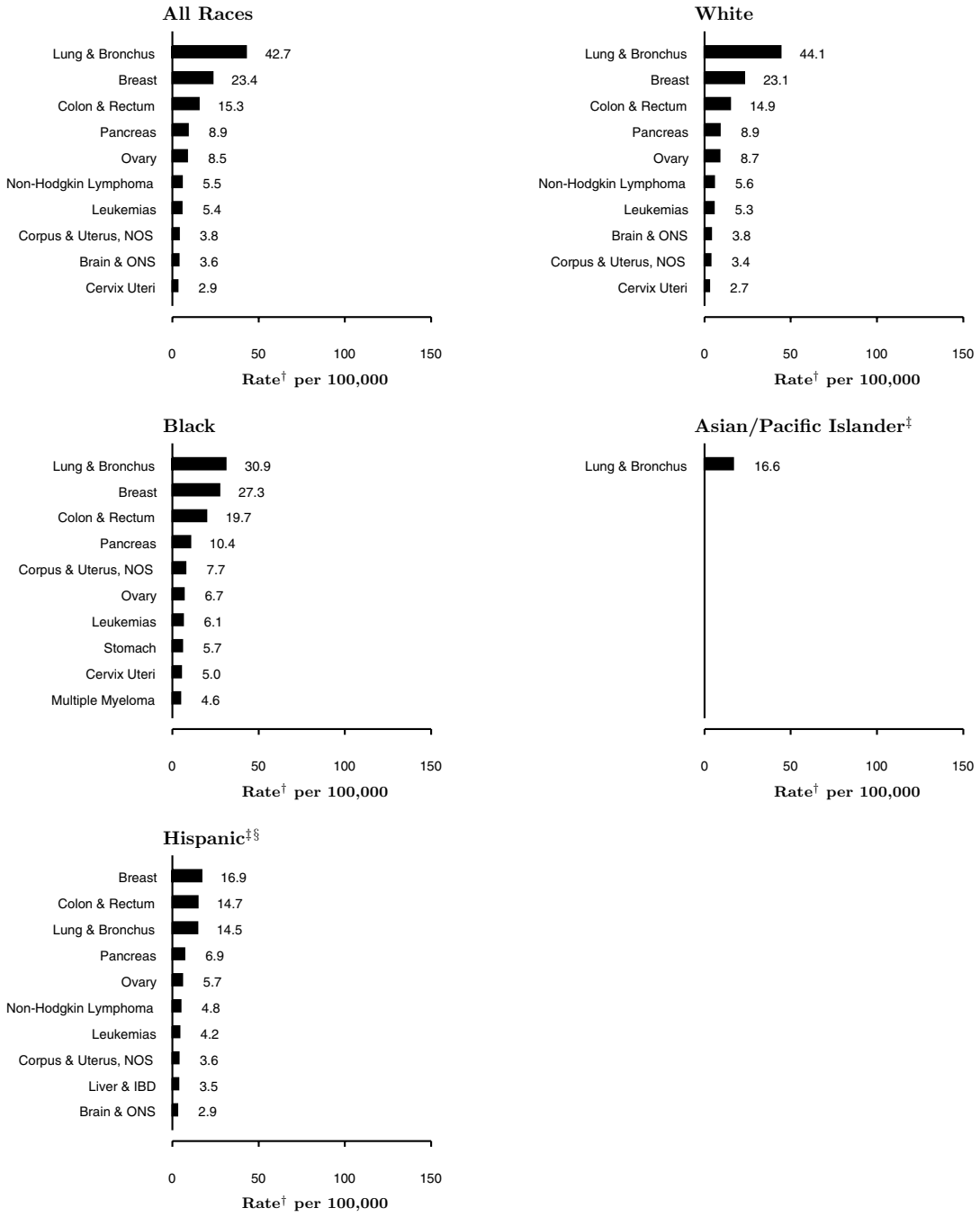
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.14.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

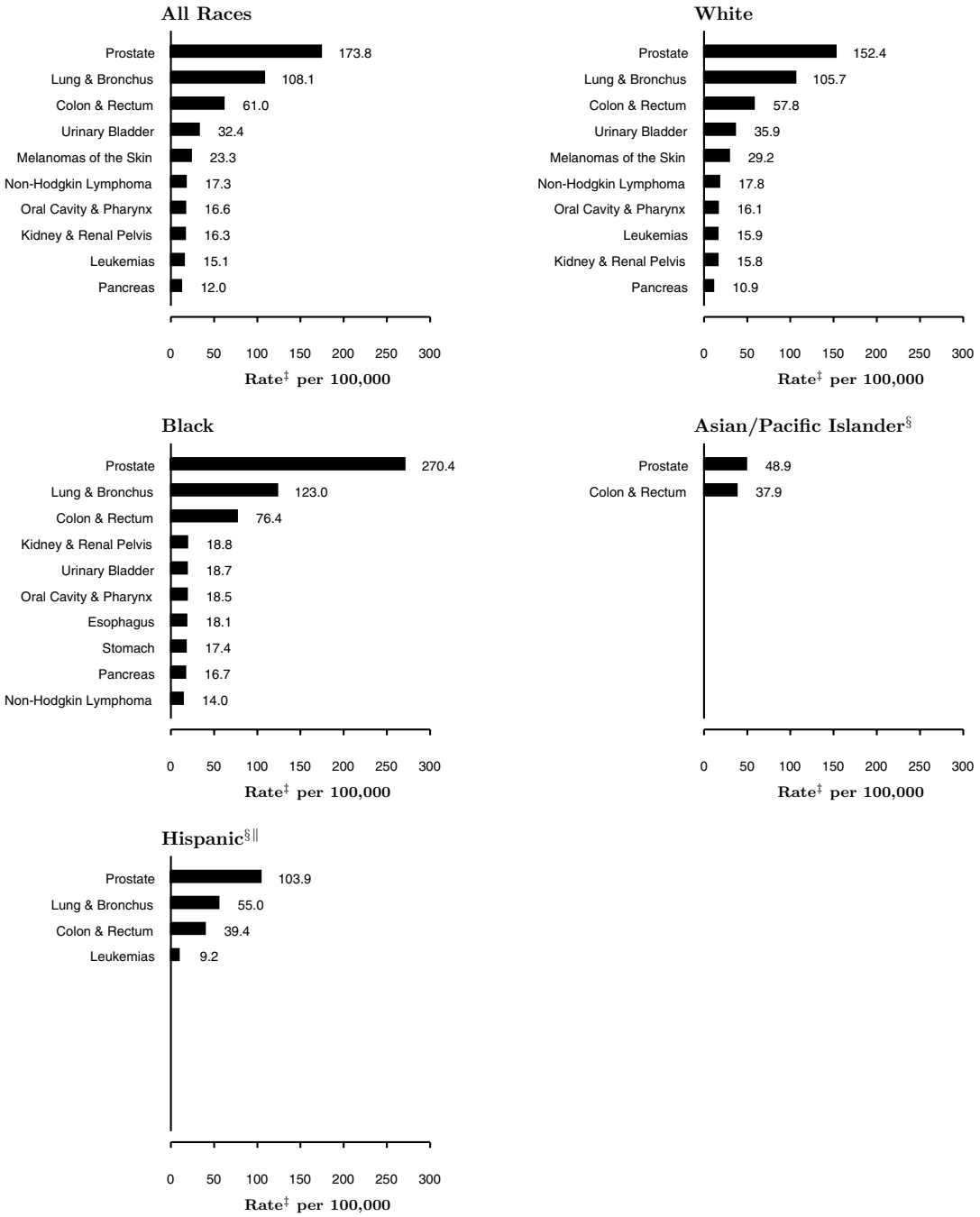
Florida,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.15.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Georgia,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

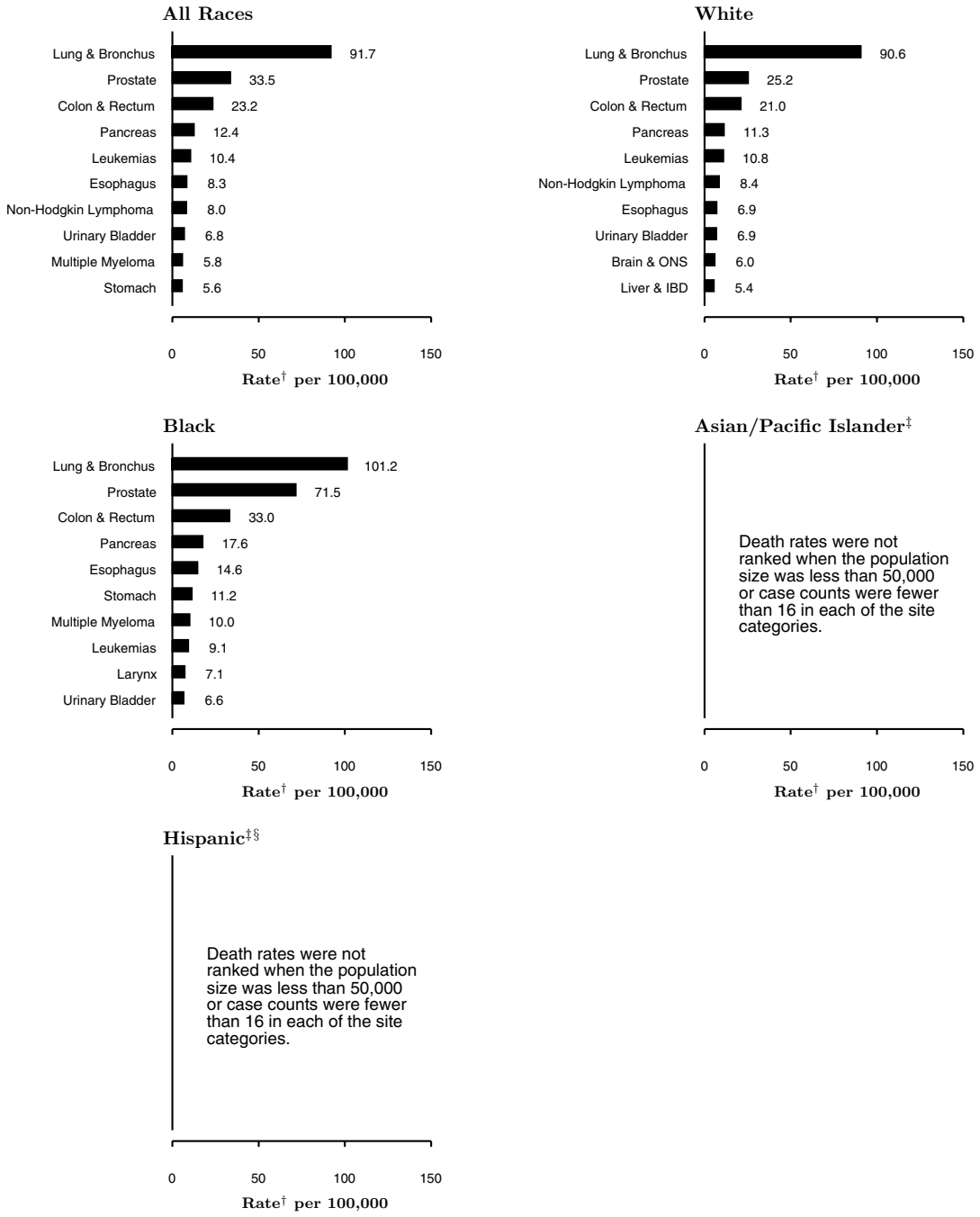
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.15.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

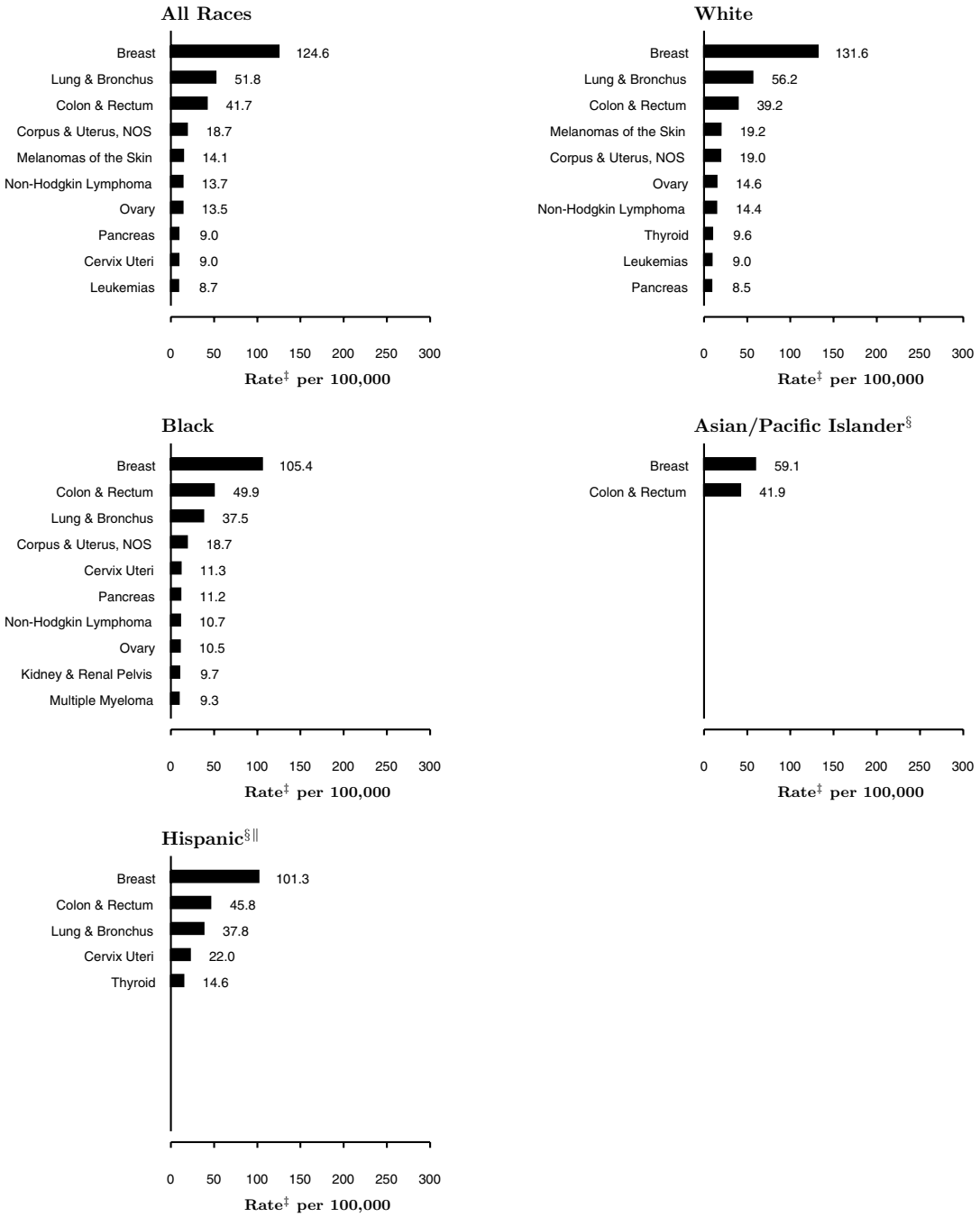
Georgia,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.15.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Georgia,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

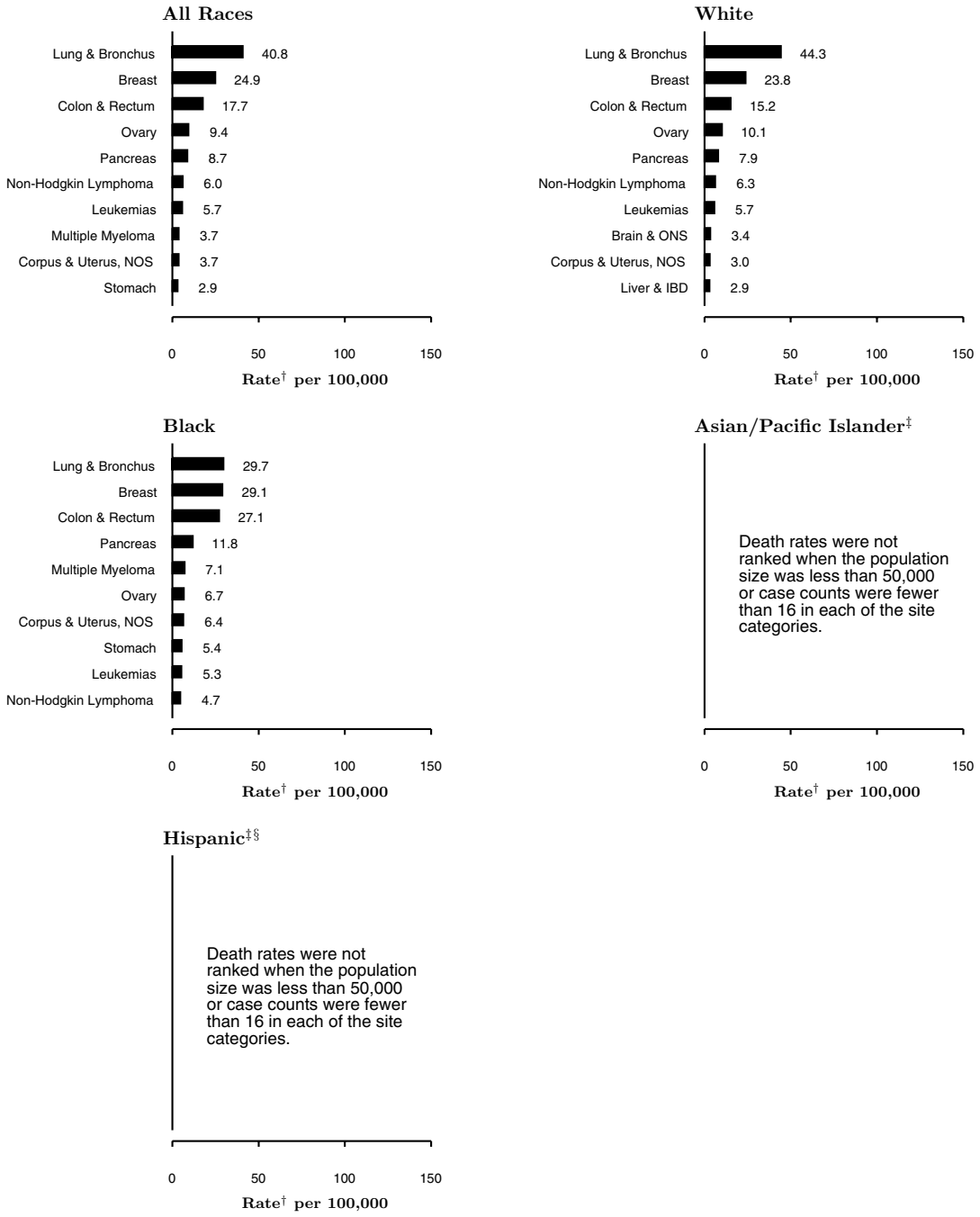
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.15.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

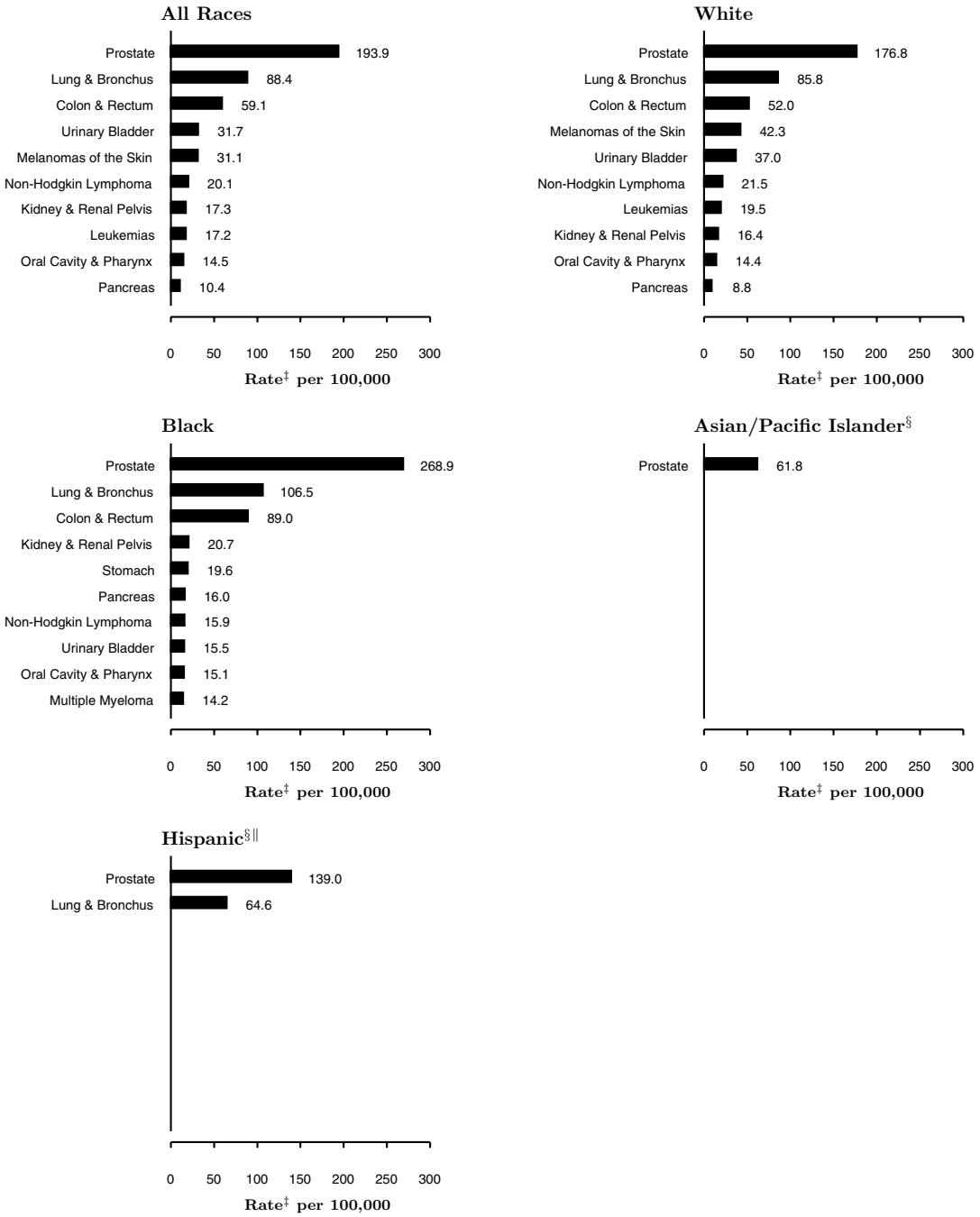
Georgia,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.16.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Atlanta,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

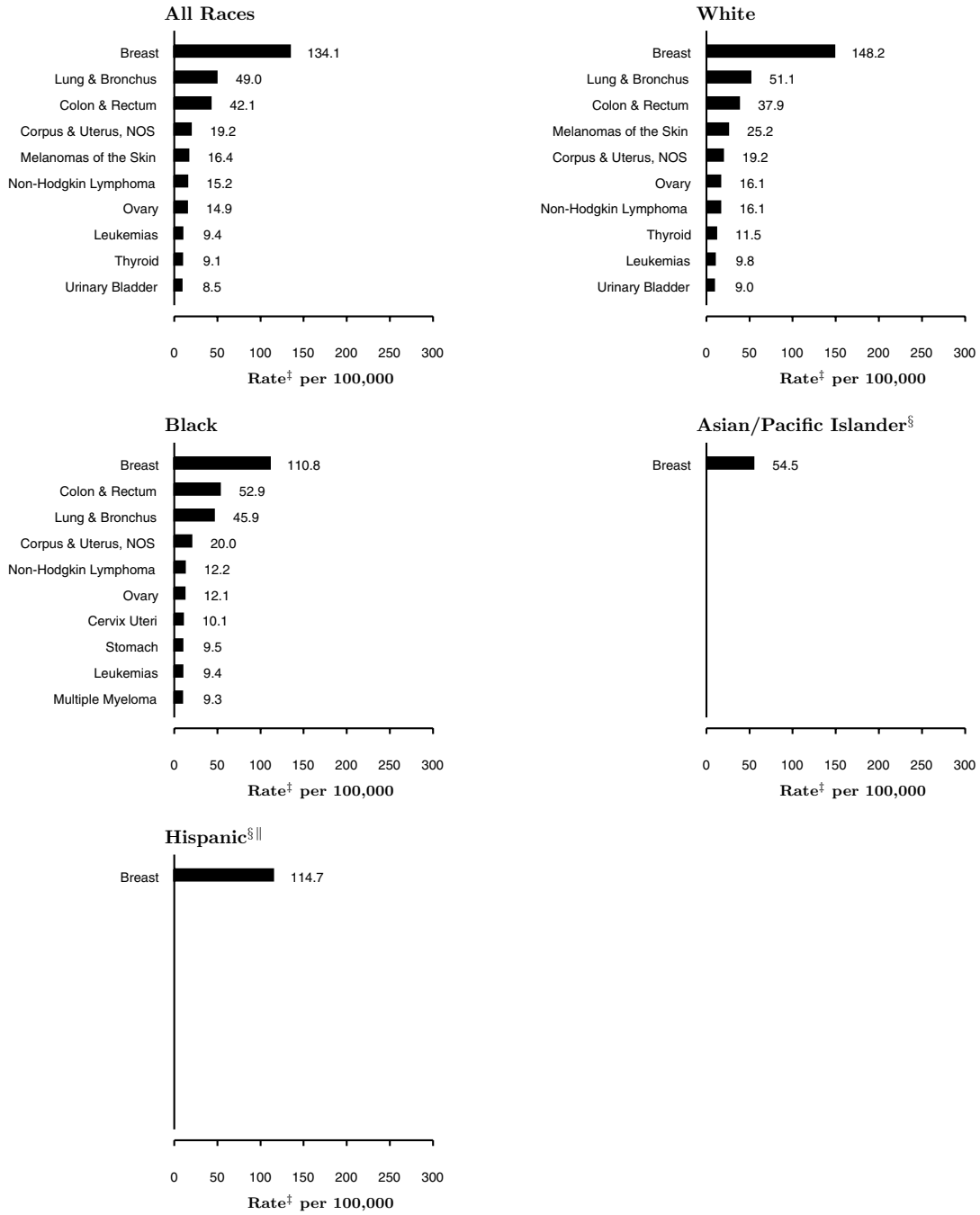
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.16.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Atlanta,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

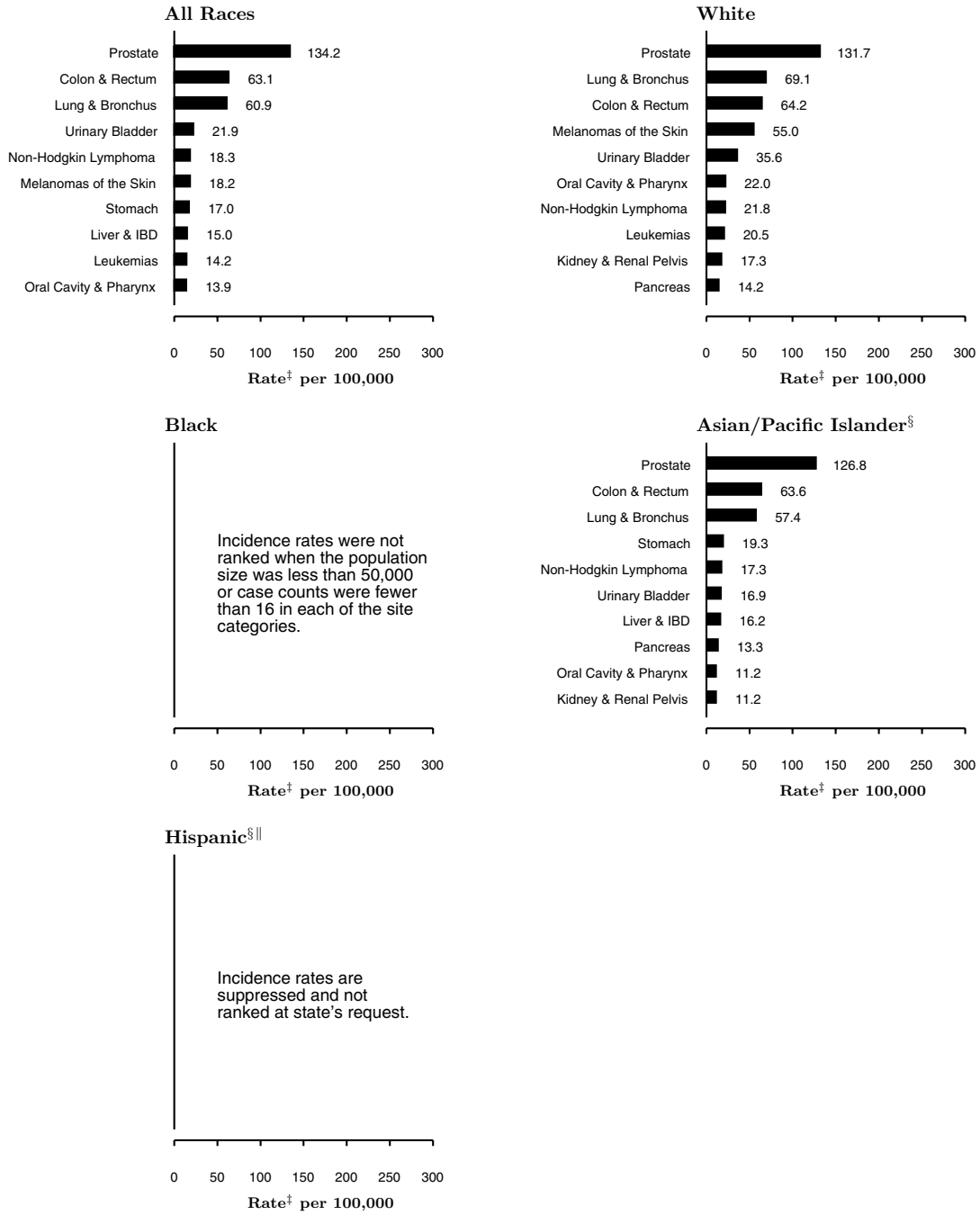
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.17.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Hawaii,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

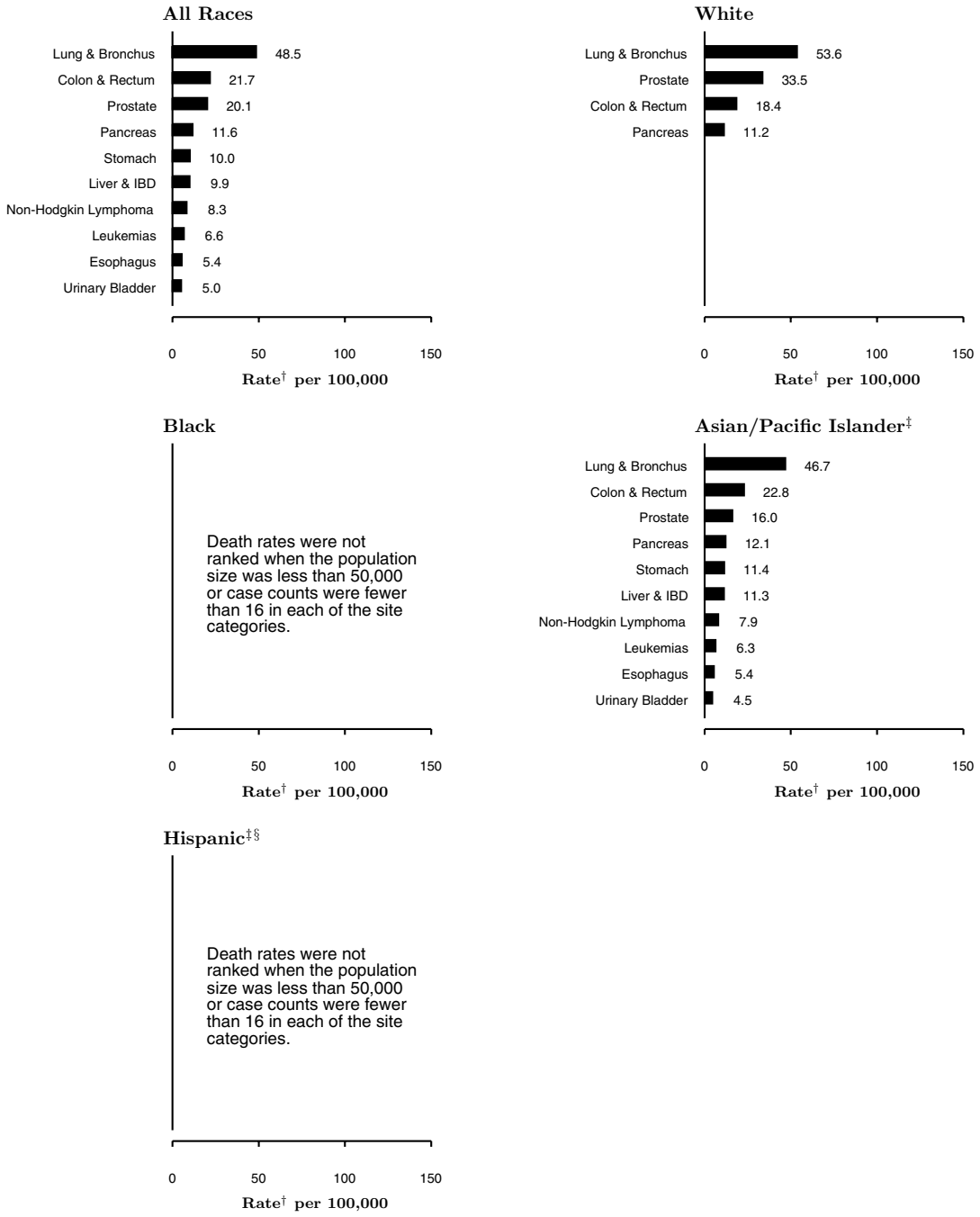
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.17.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

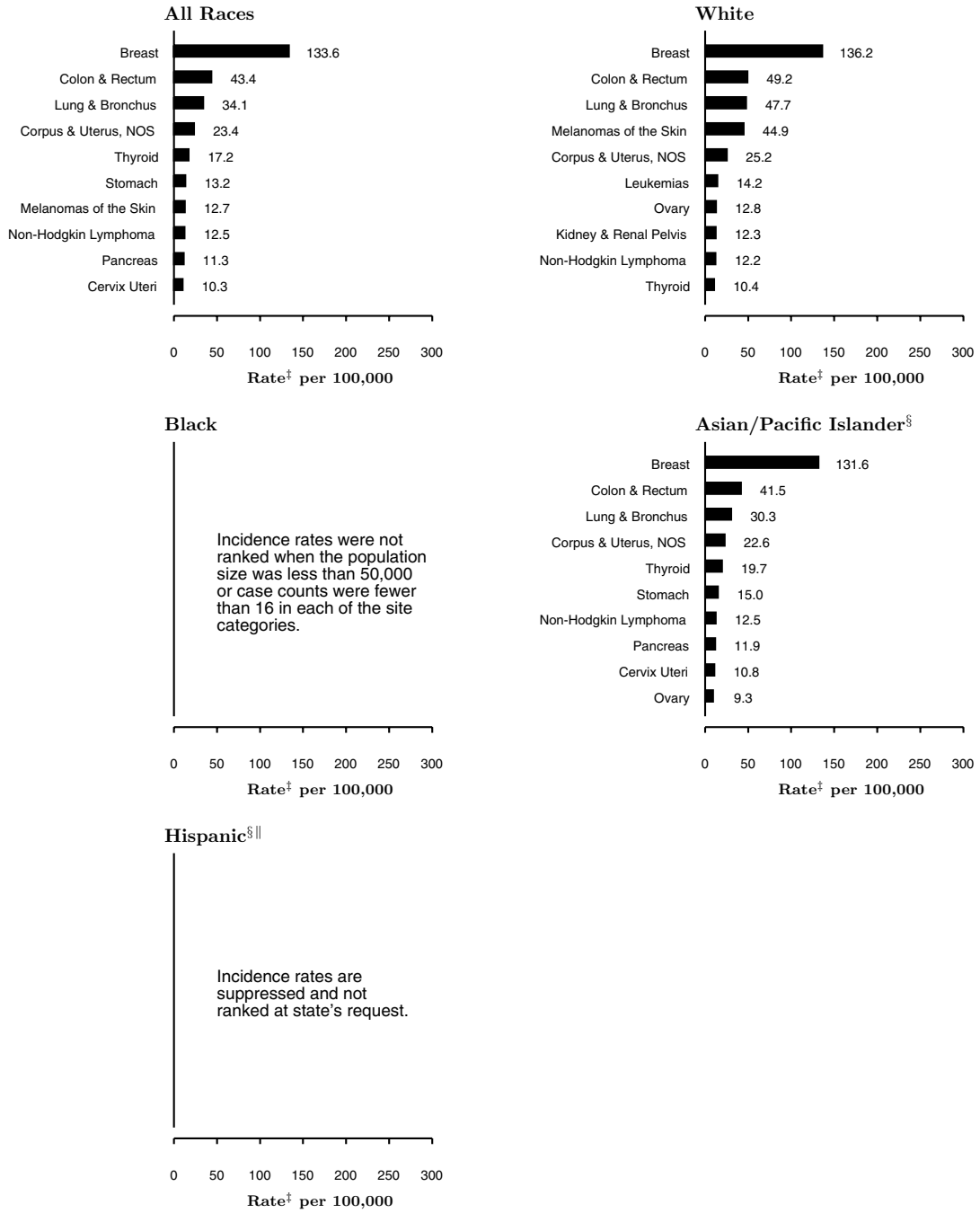
Hawaii,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.17.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Hawaii,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

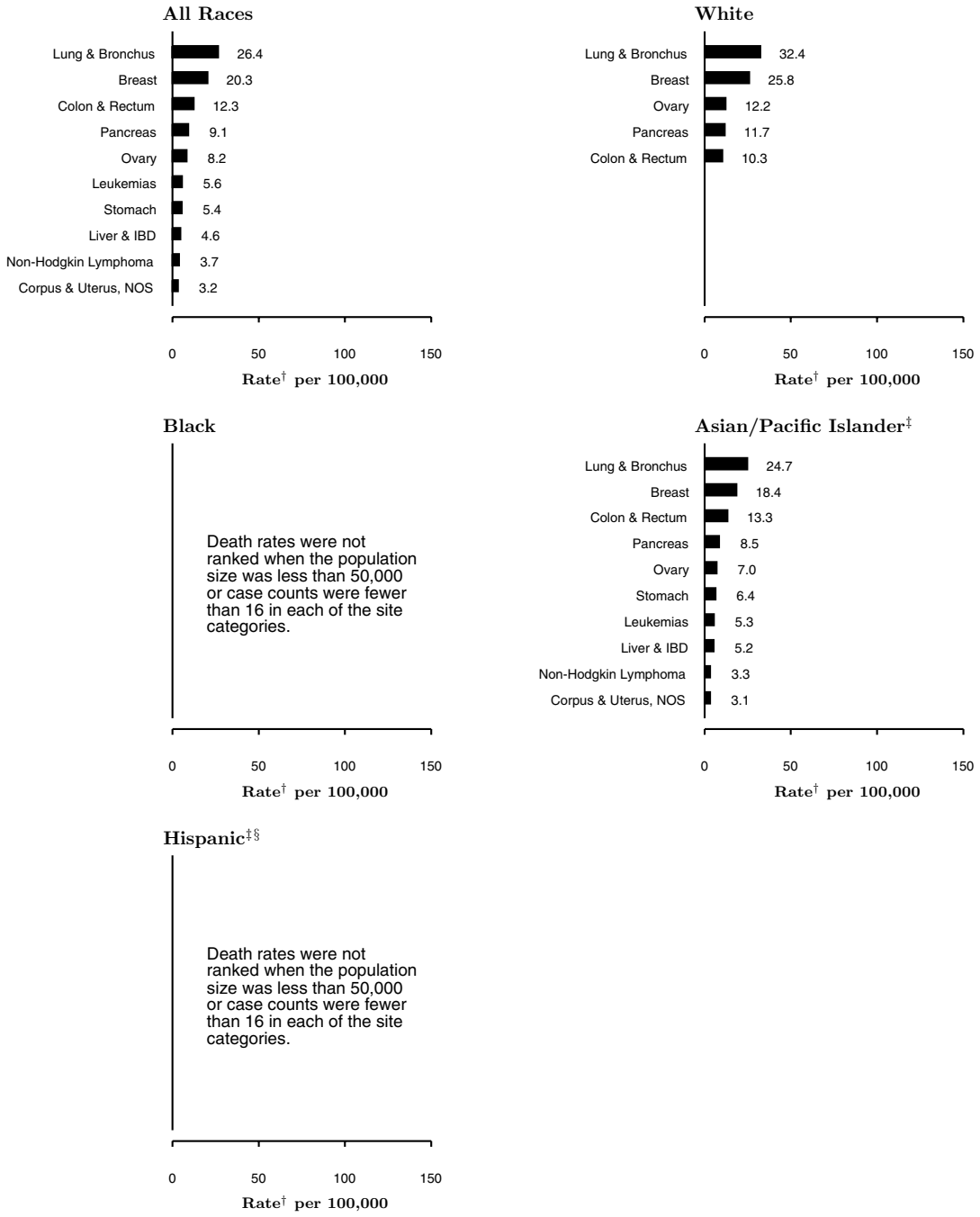
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.17.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

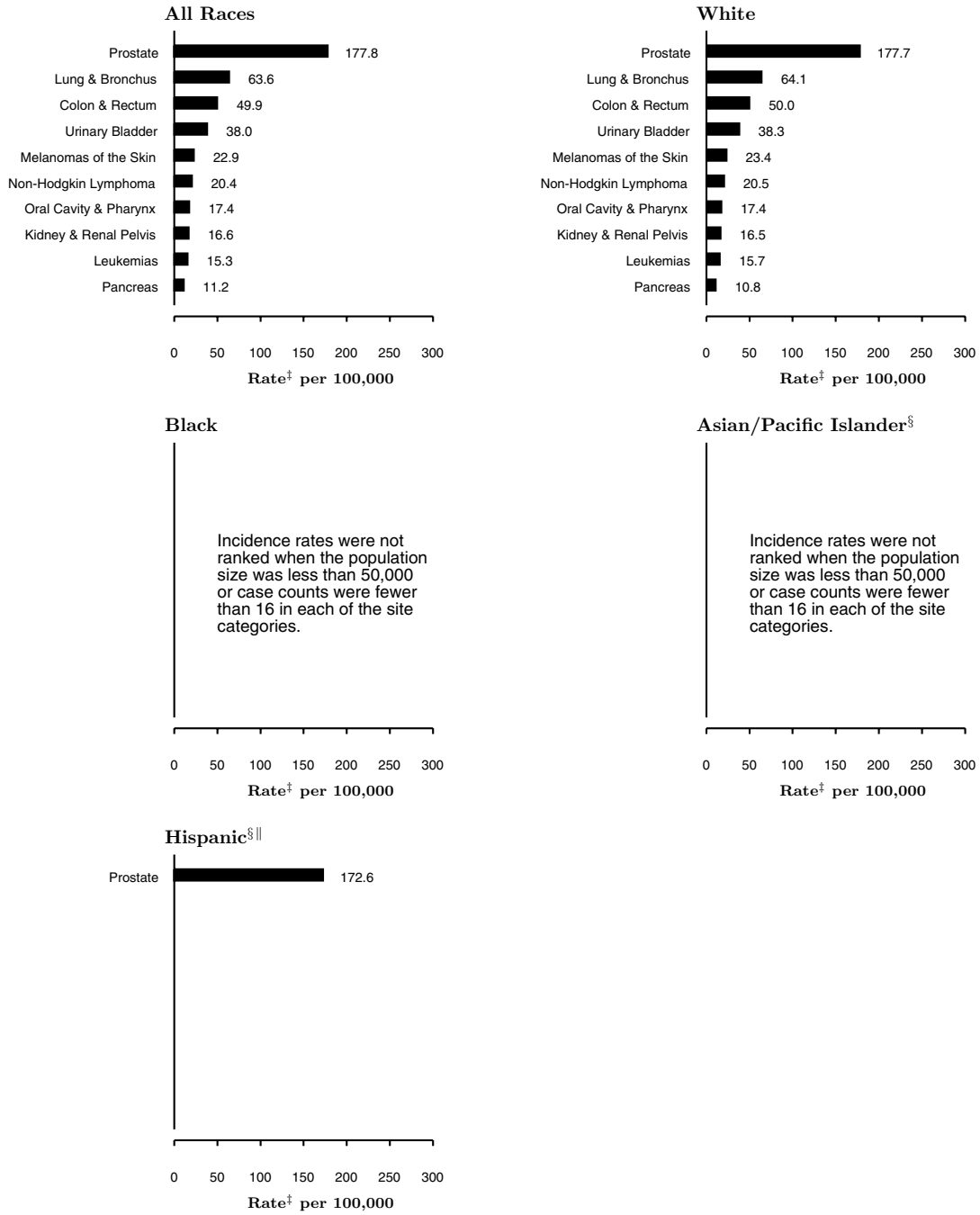
Hawaii,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.18.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Idaho,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

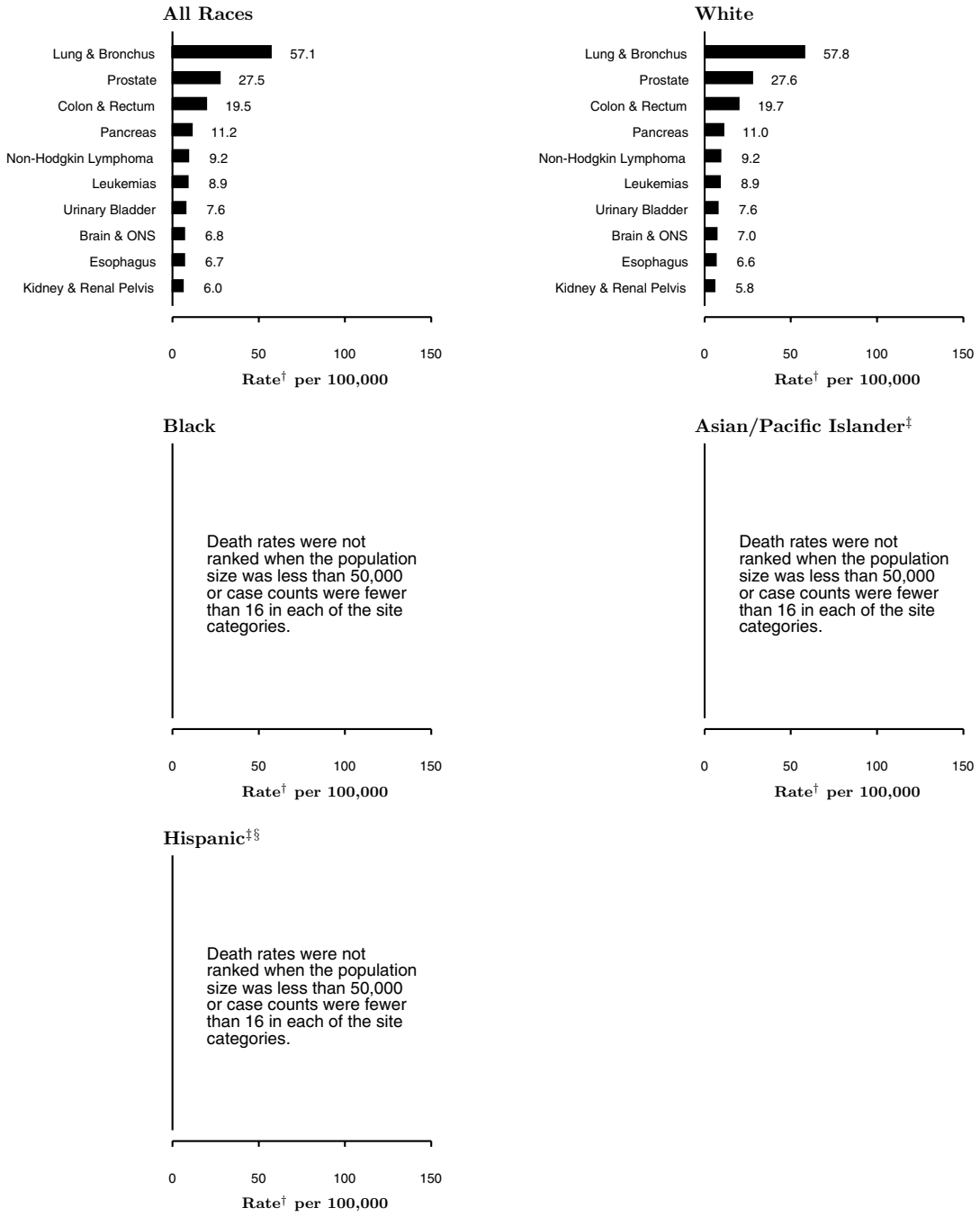
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.18.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

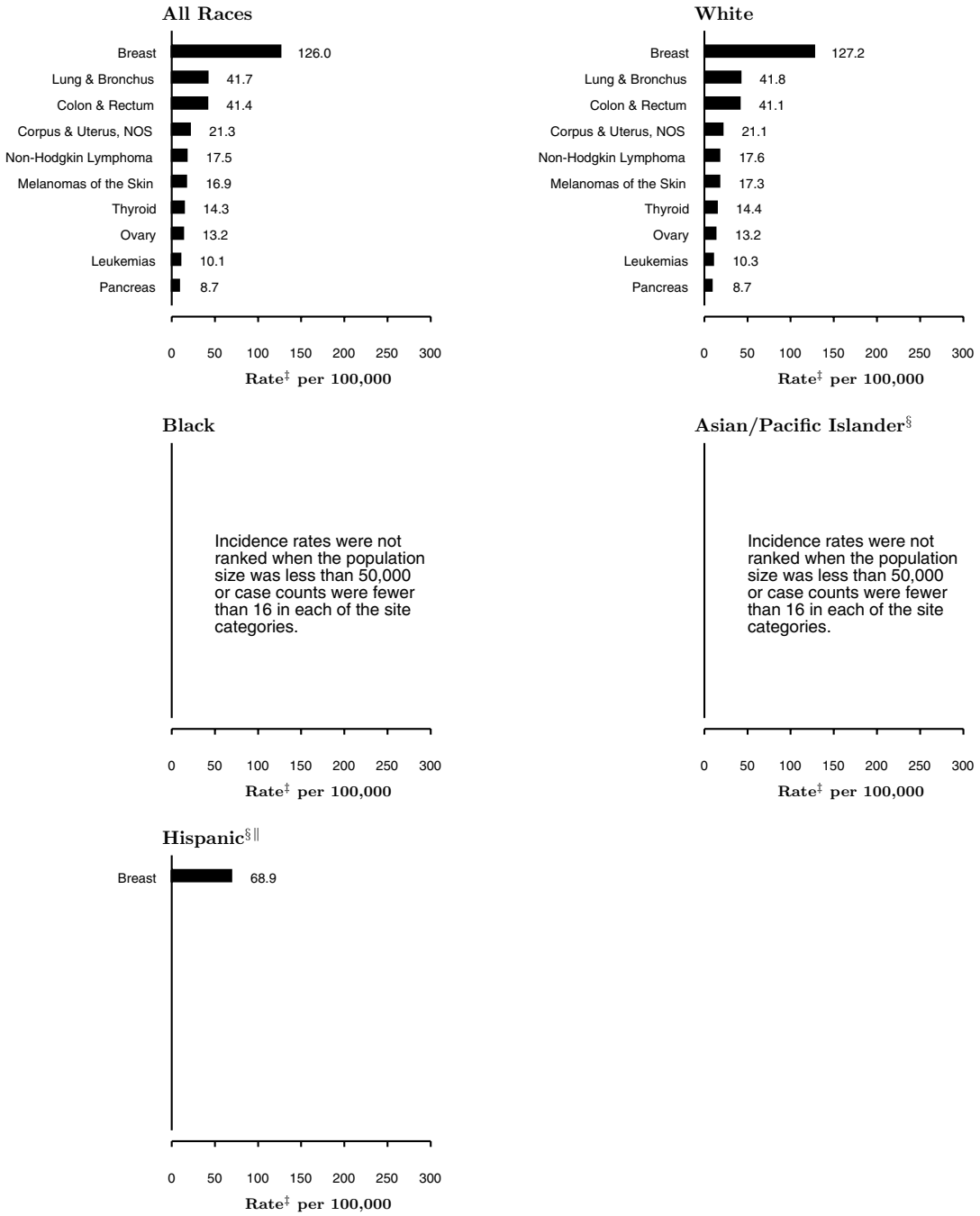
Idaho,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.18.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Idaho,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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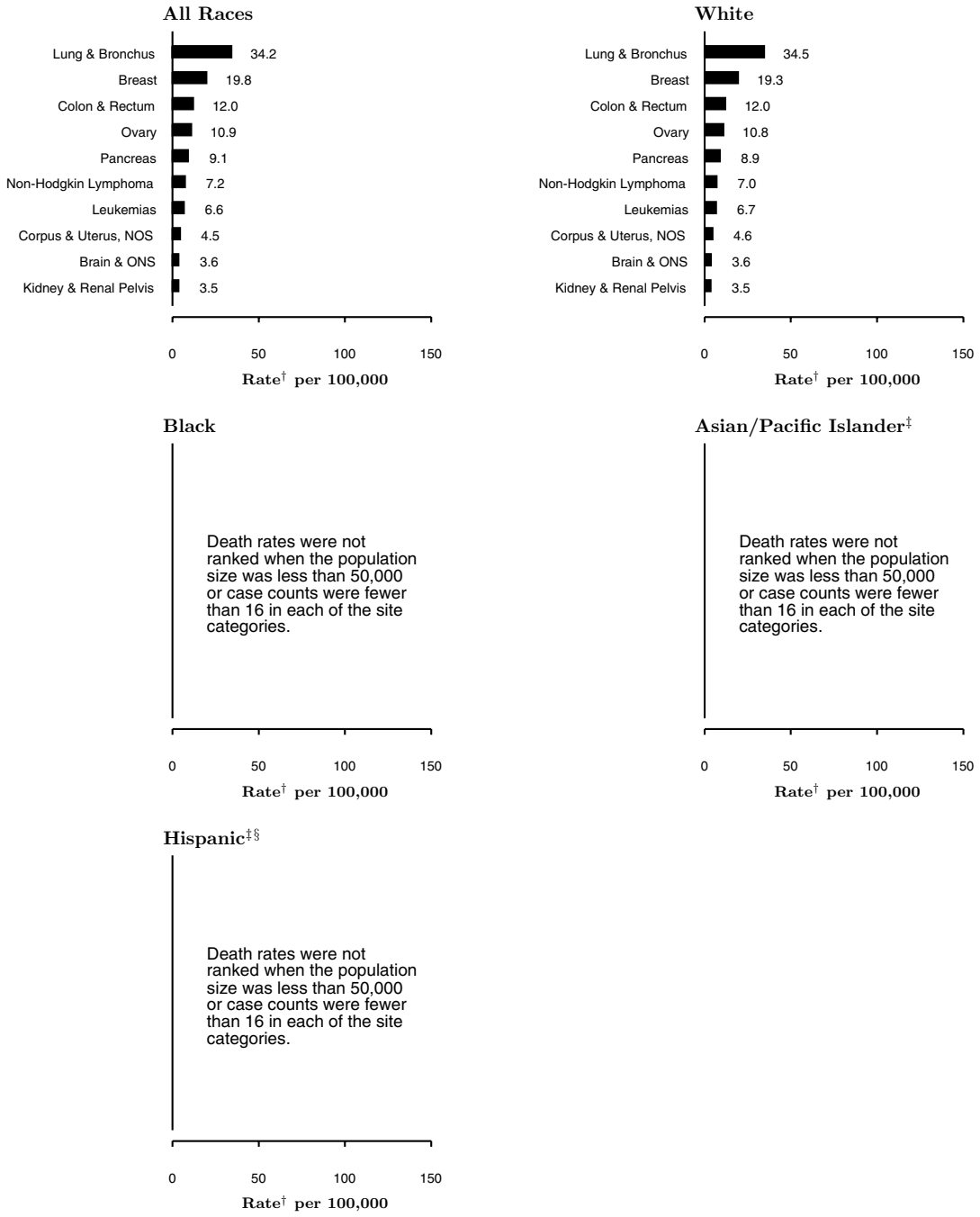
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.18.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

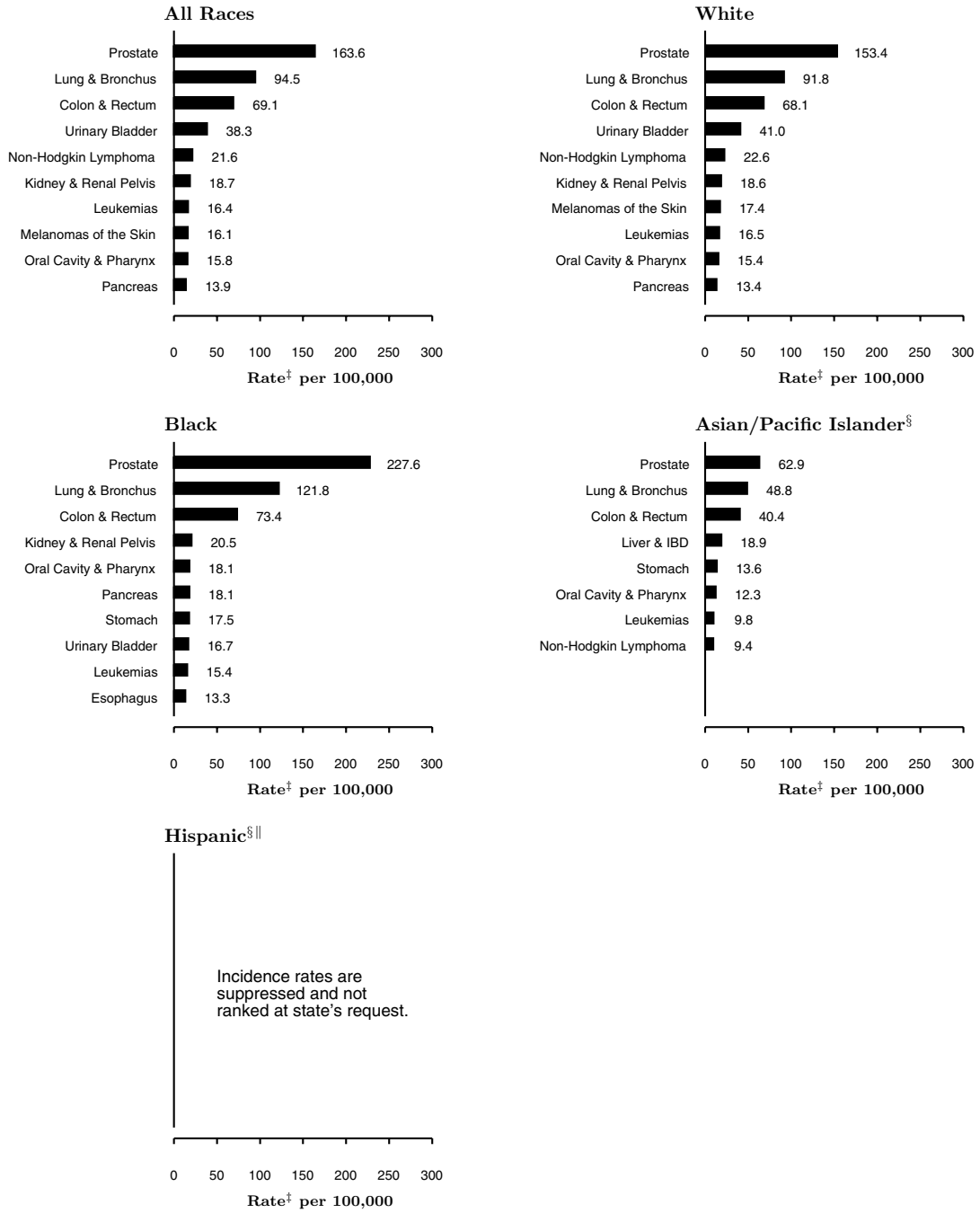
Idaho,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.19.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Illinois,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

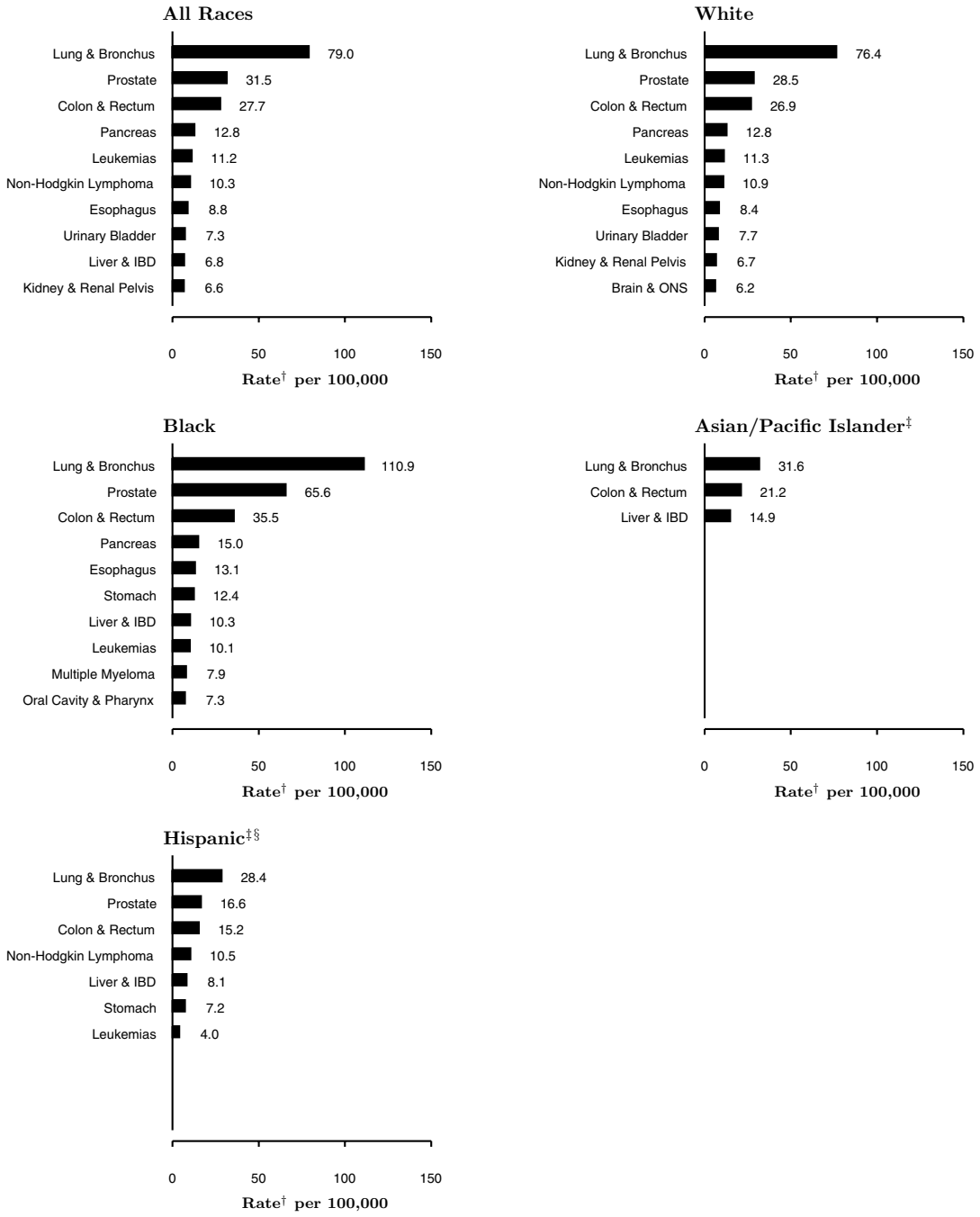
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.19.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Illinois,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
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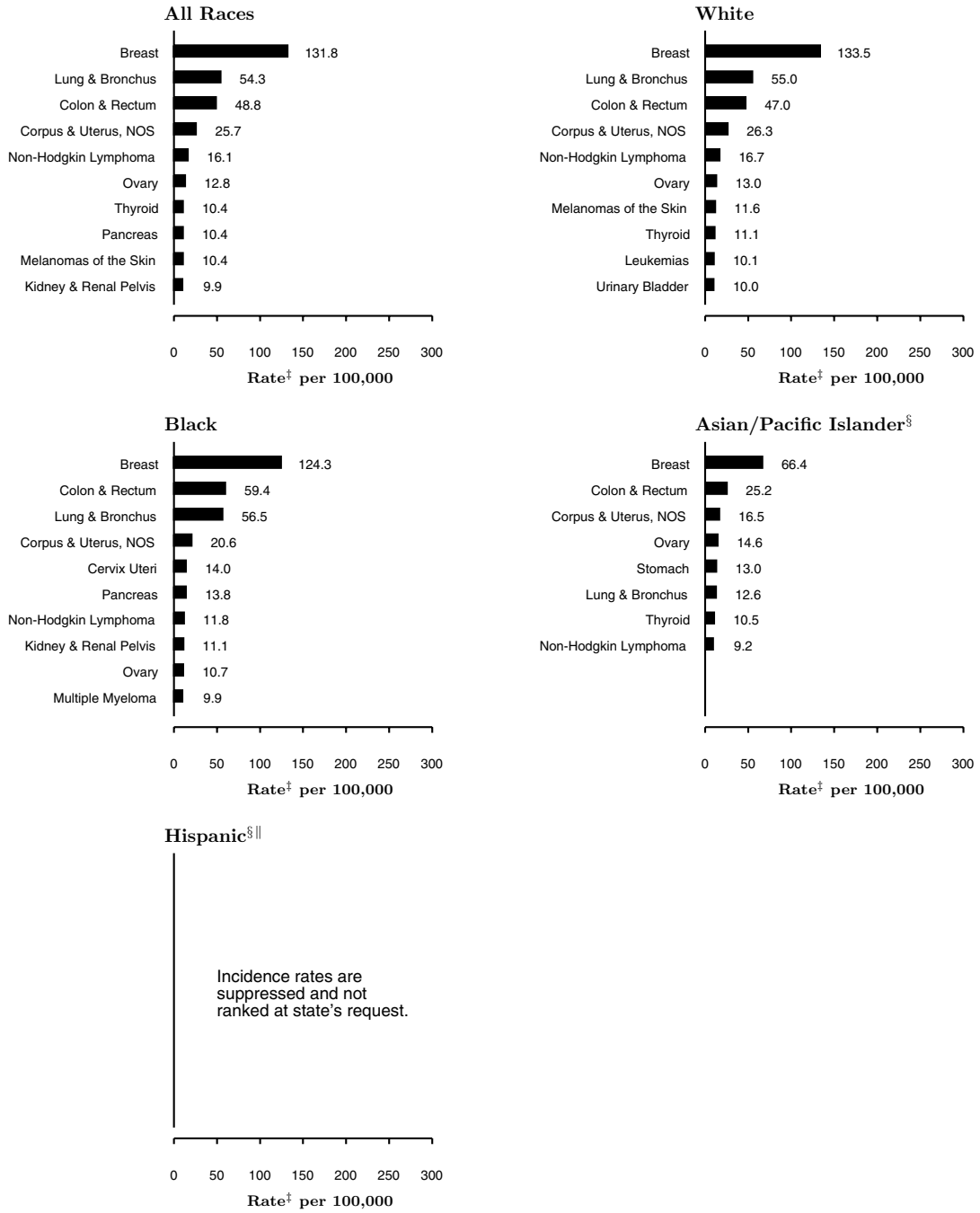
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.19.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Illinois,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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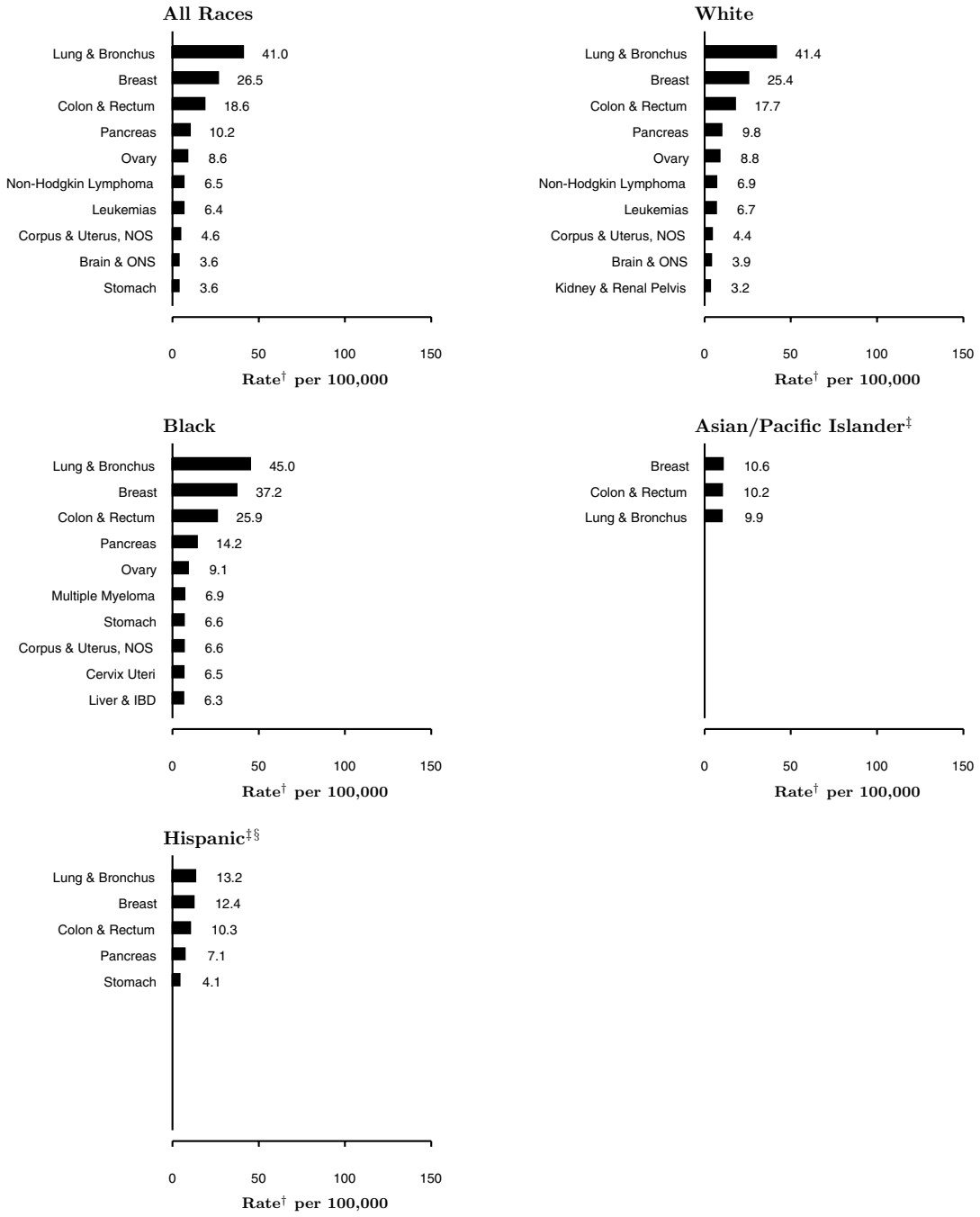
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.19.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Illinois,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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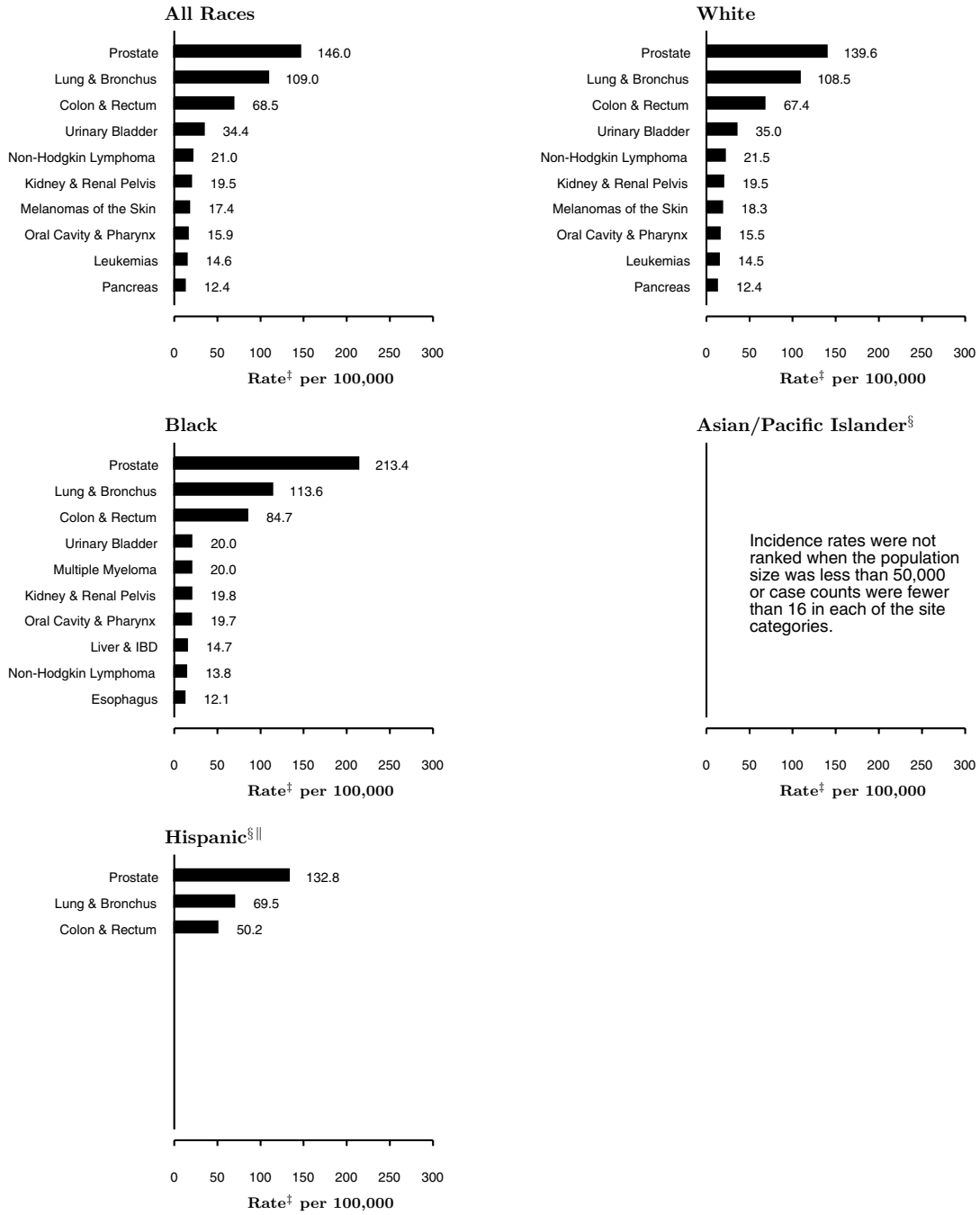
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.20.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Indiana,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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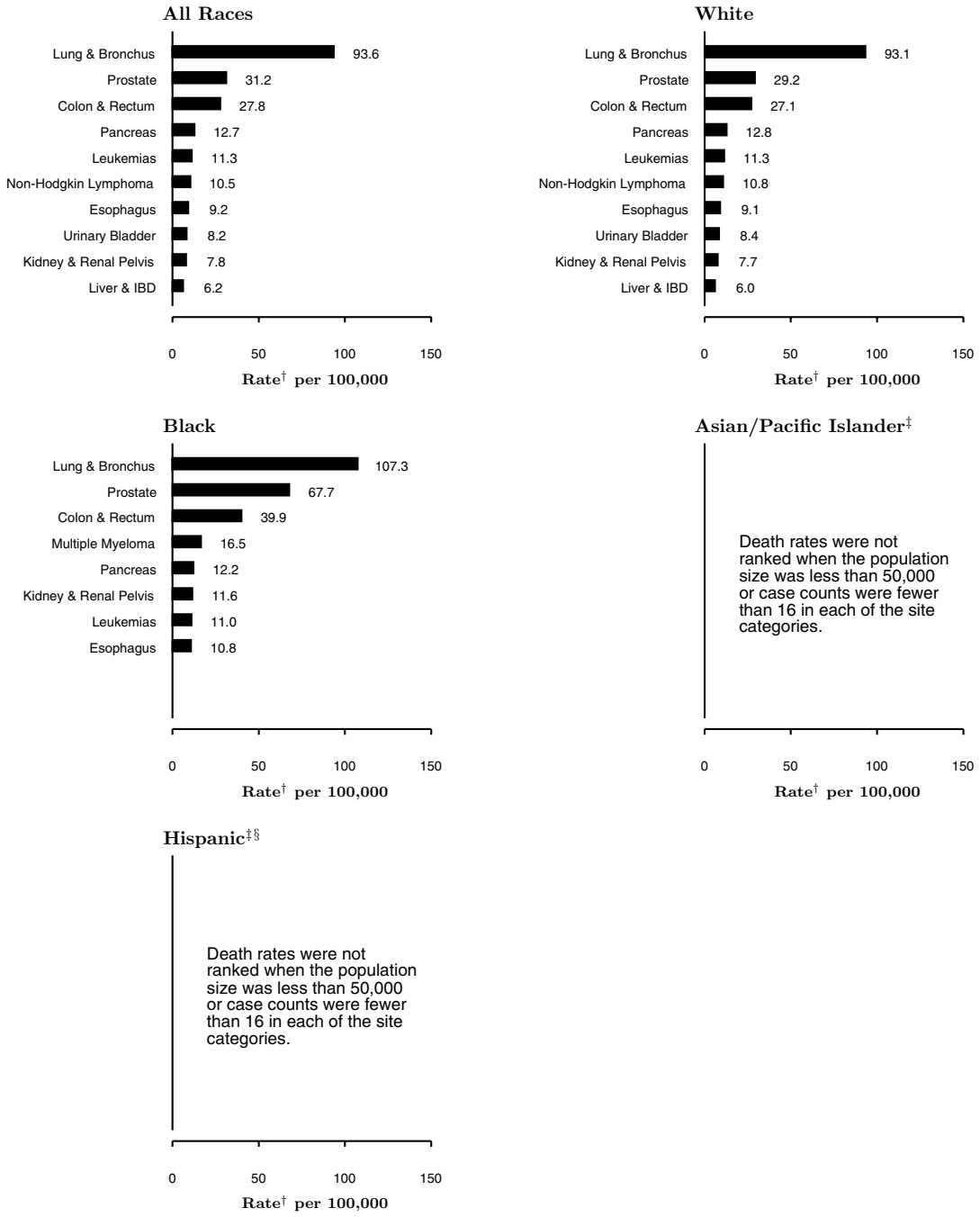
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.20.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Indiana,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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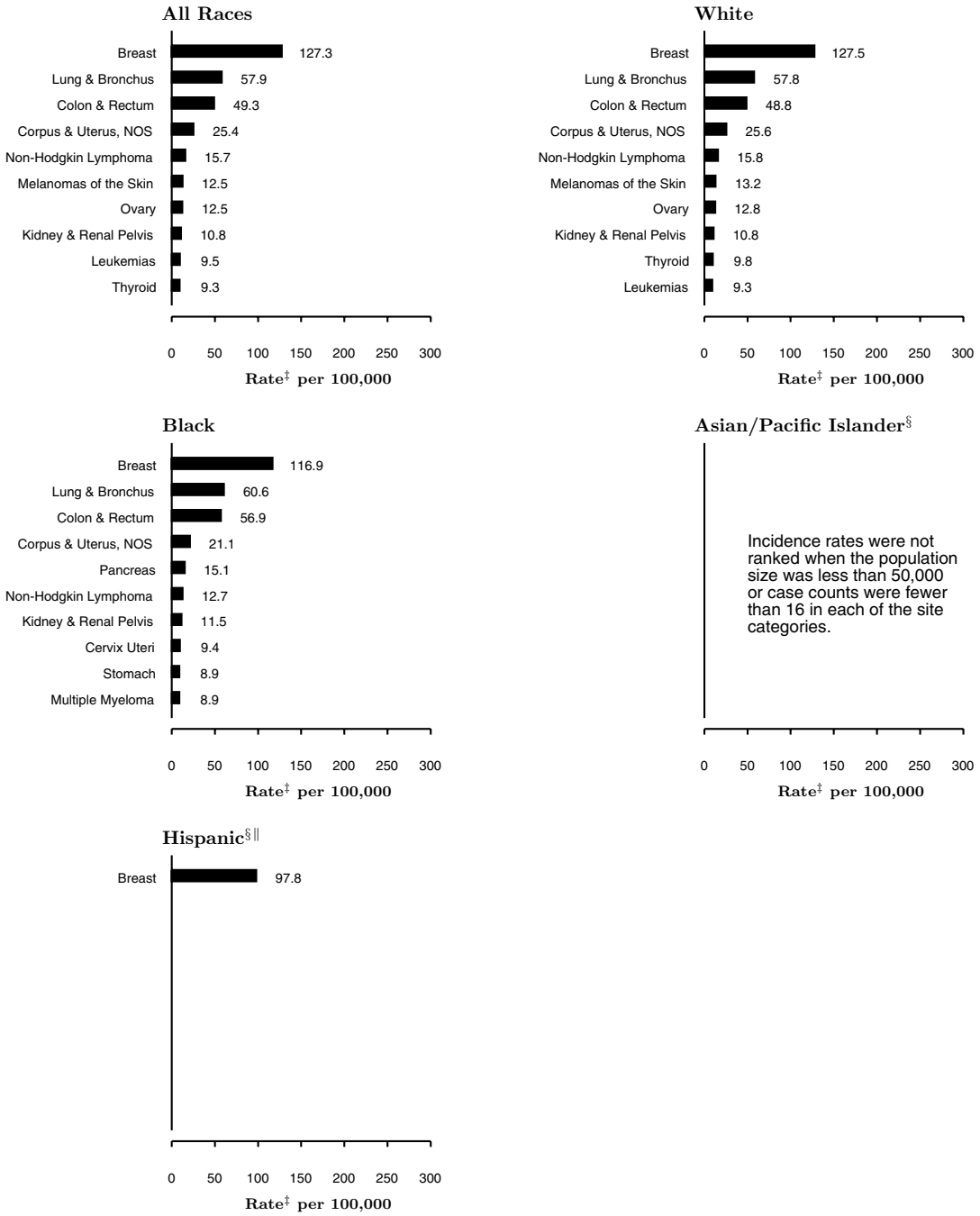
Figure 3.20.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Indiana,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

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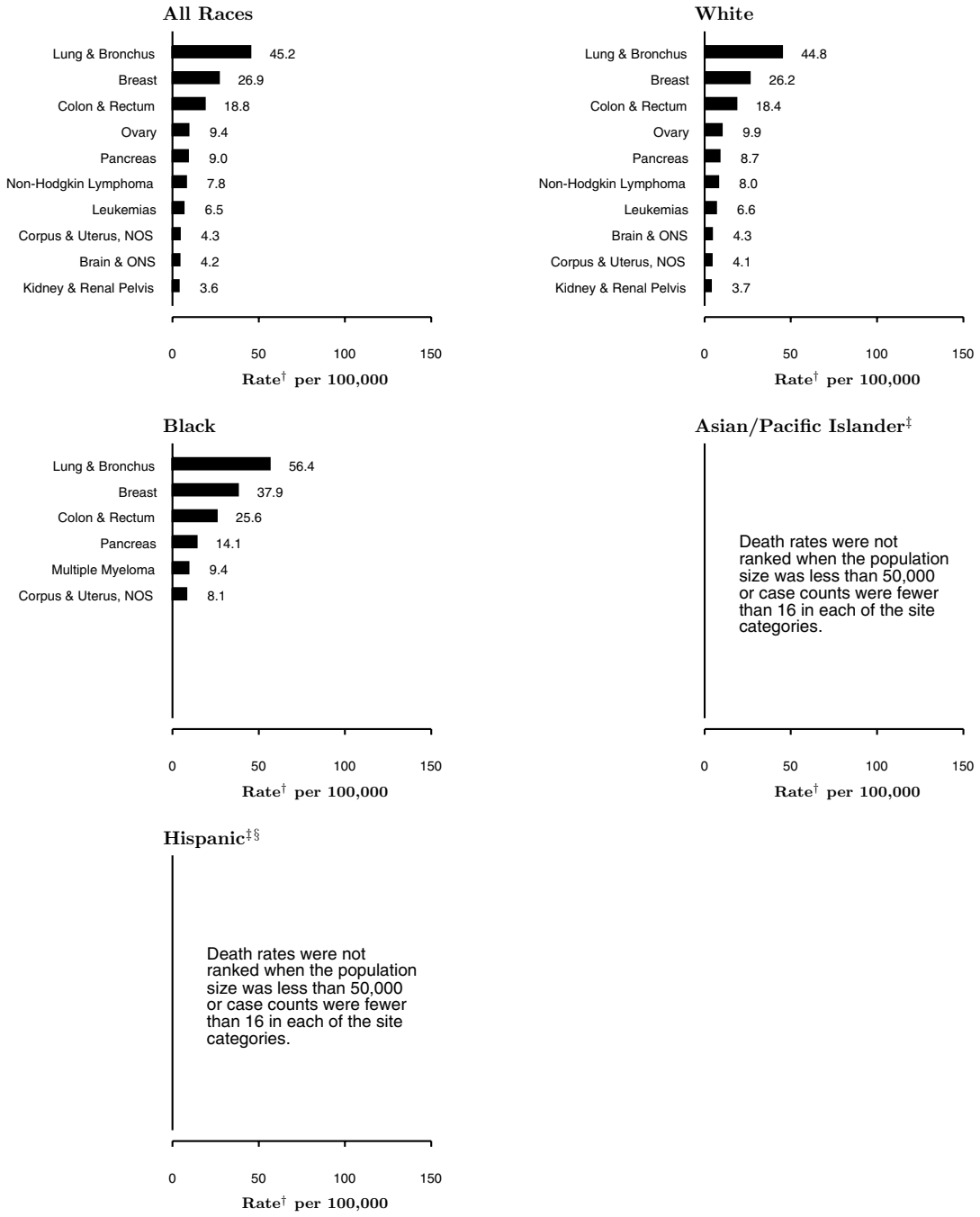
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.20.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

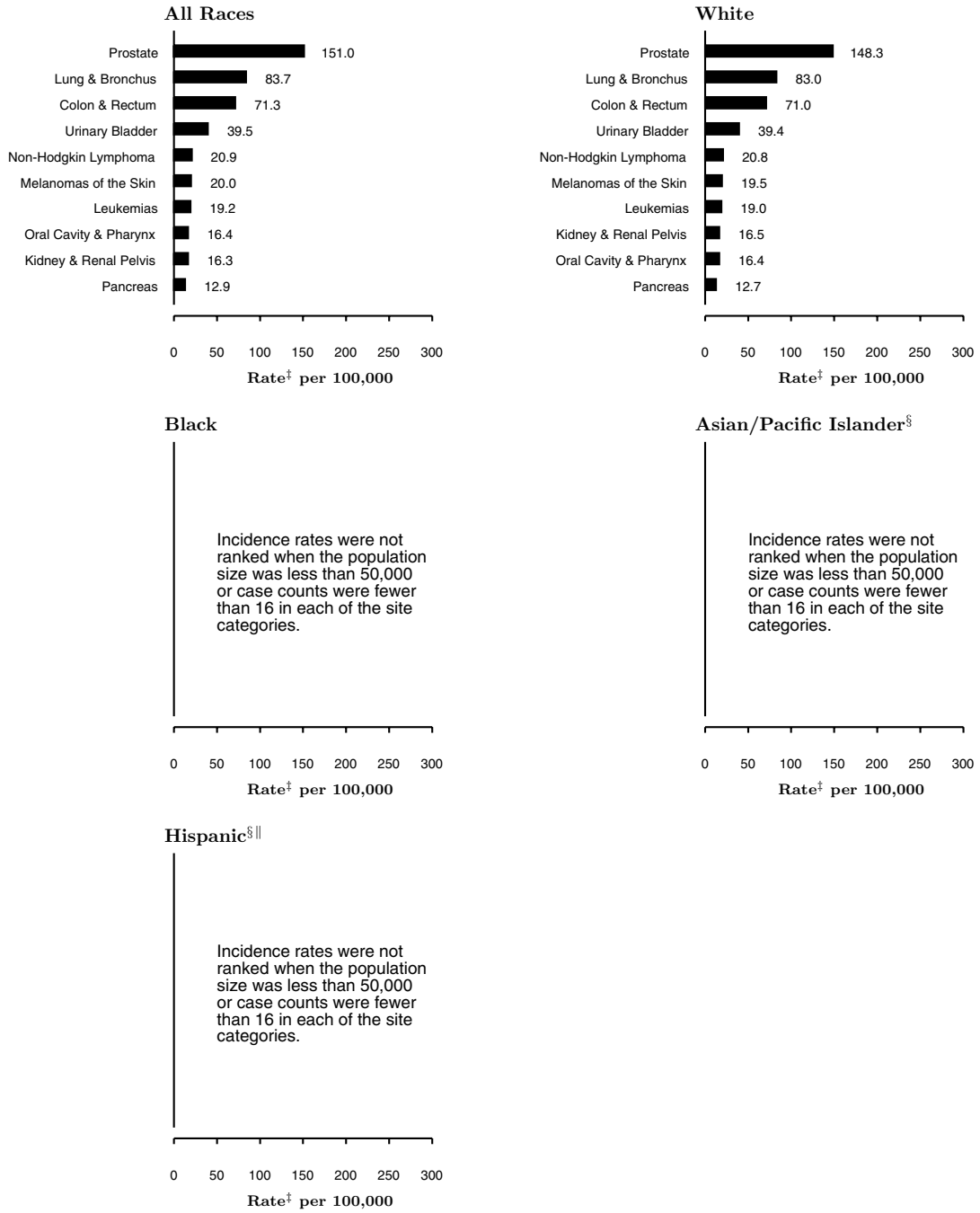
Indiana,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.21.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Iowa,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

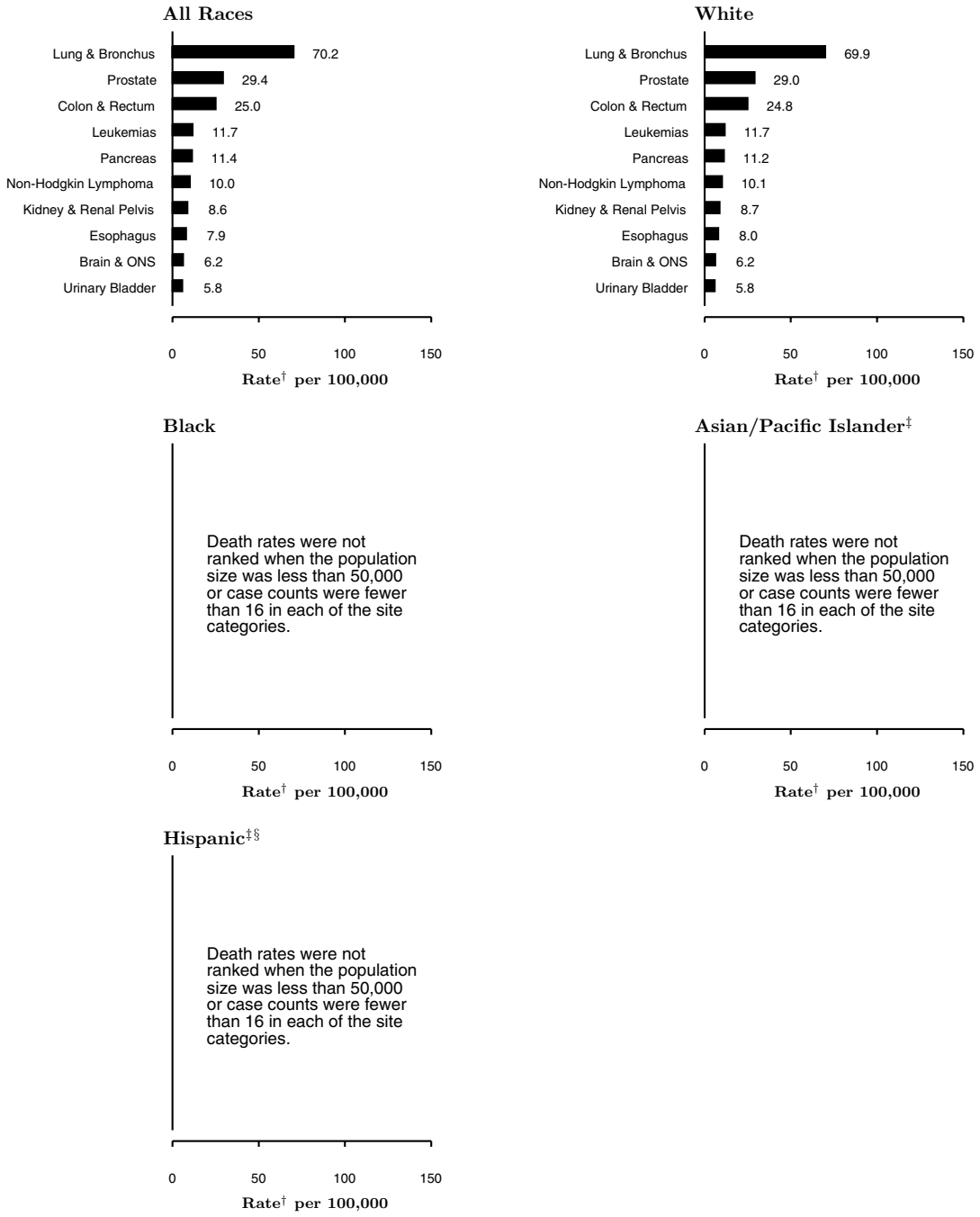
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.21.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Iowa,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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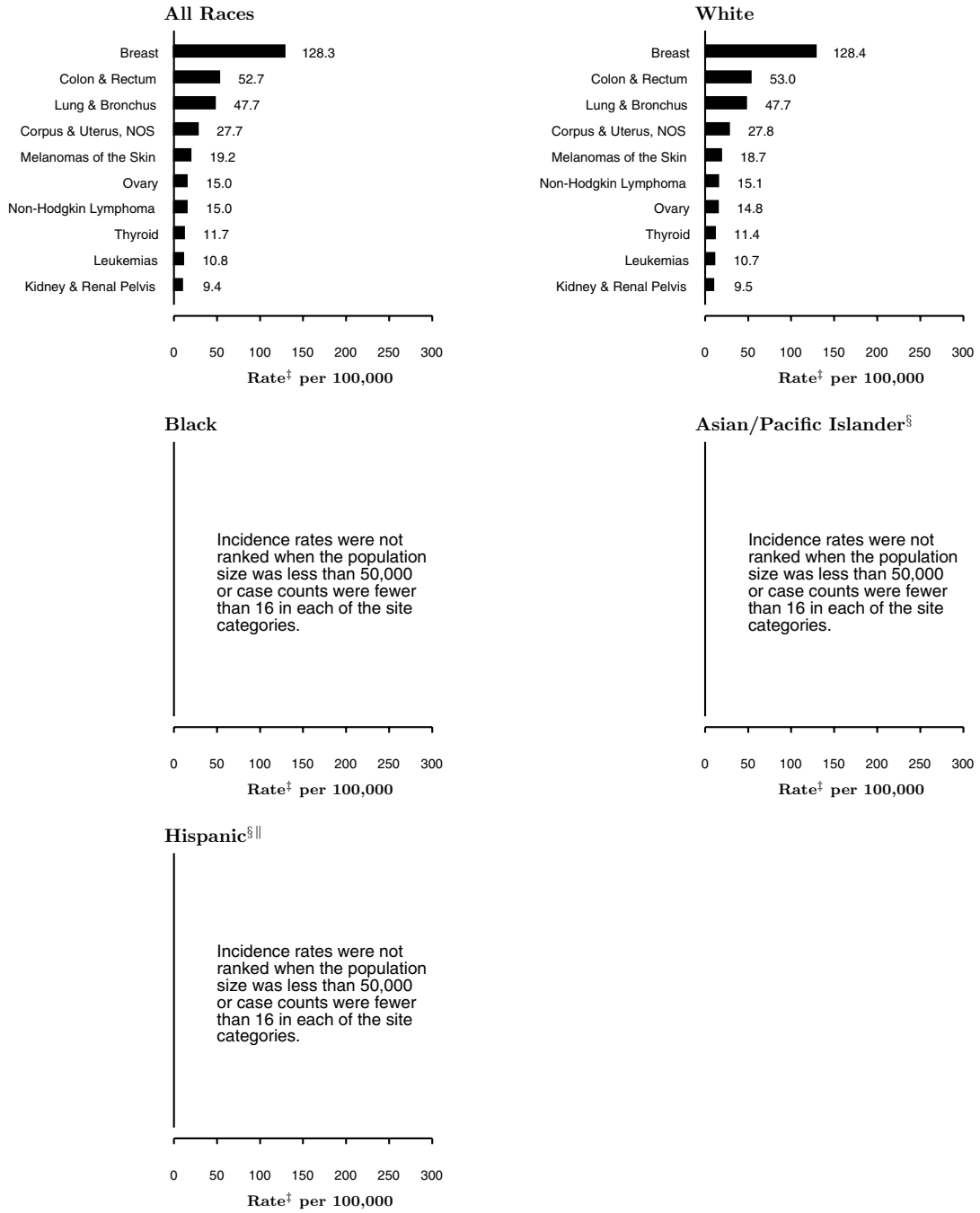
Iowa,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

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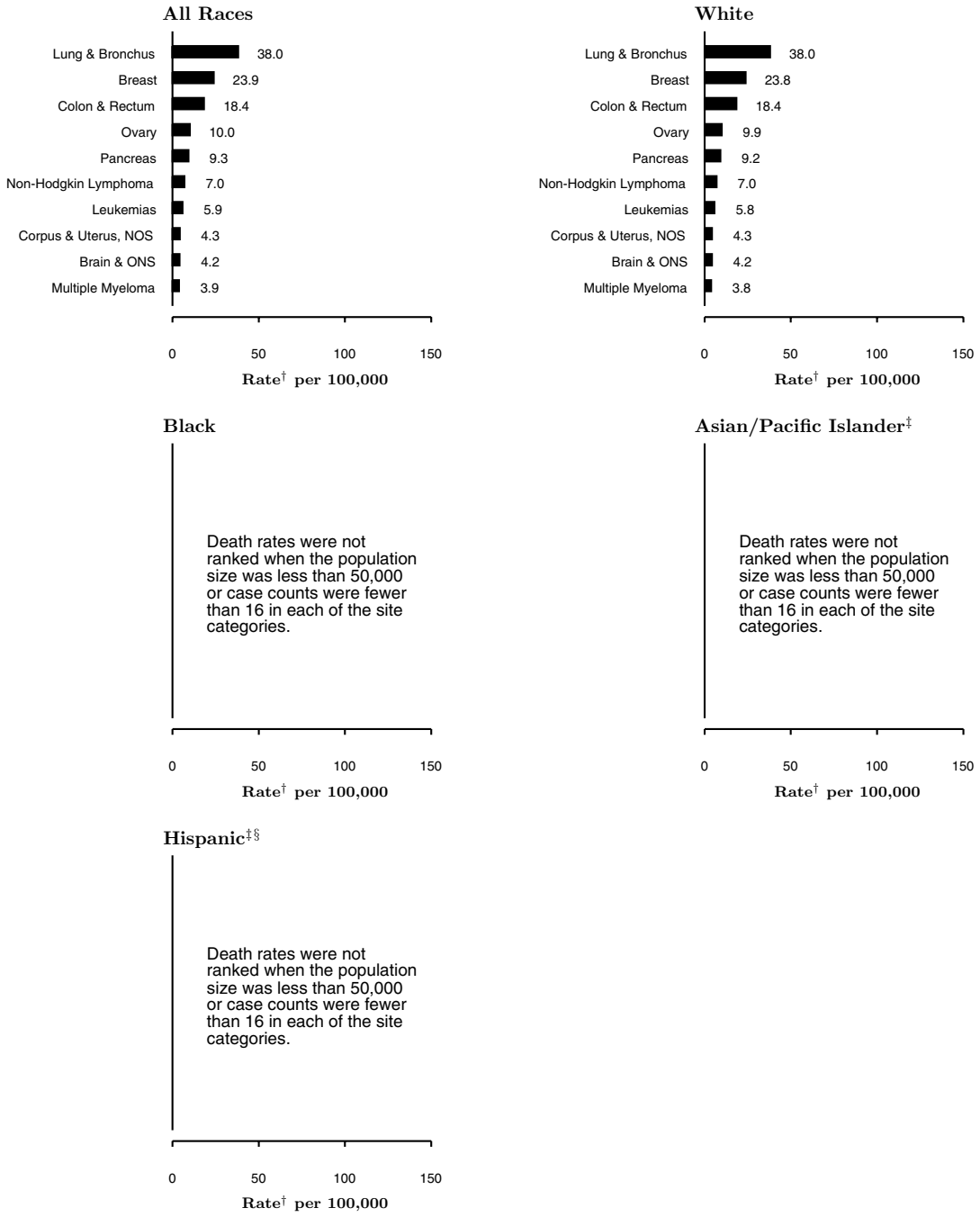
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.21.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

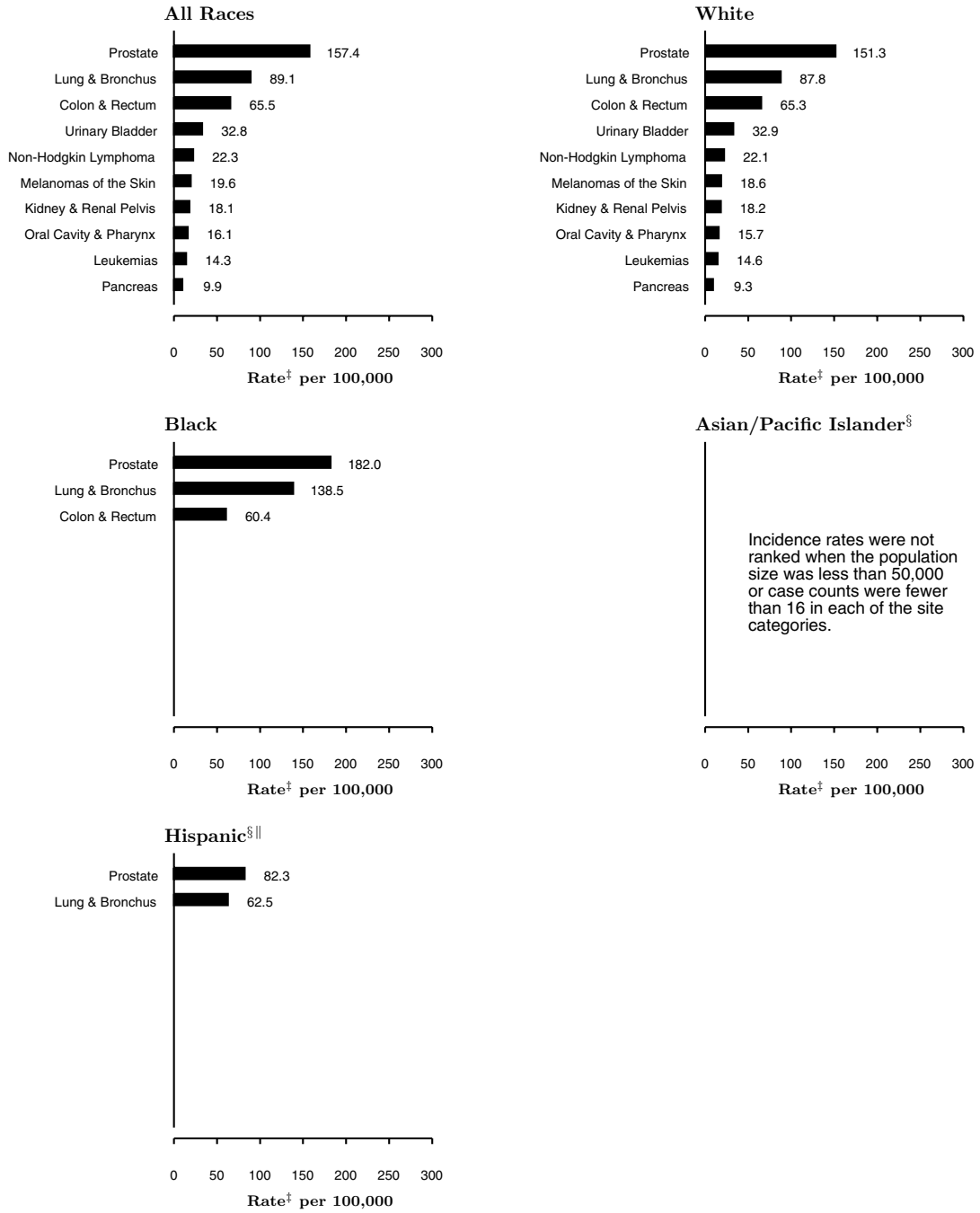
Iowa,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.22.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Kansas,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

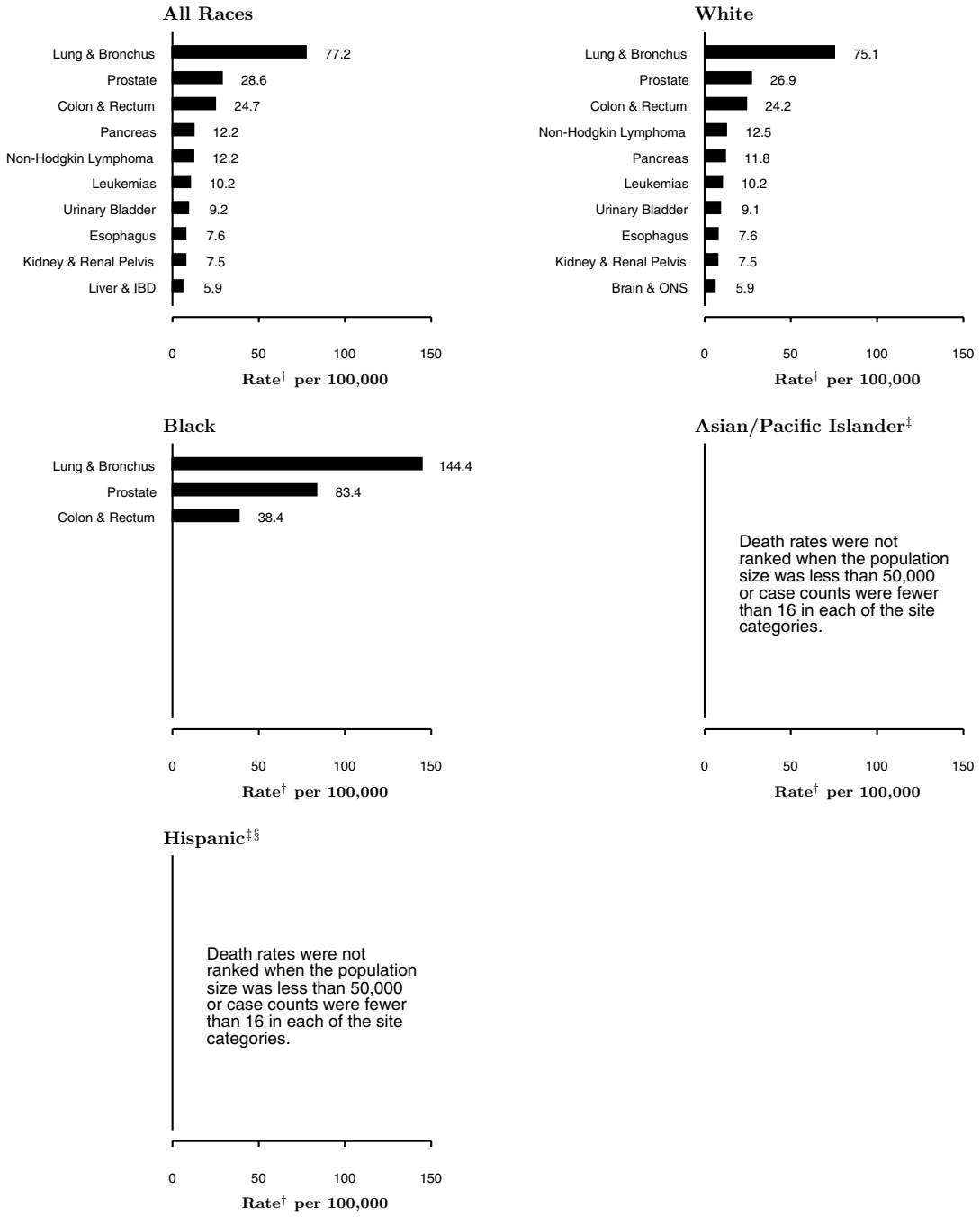
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.22.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

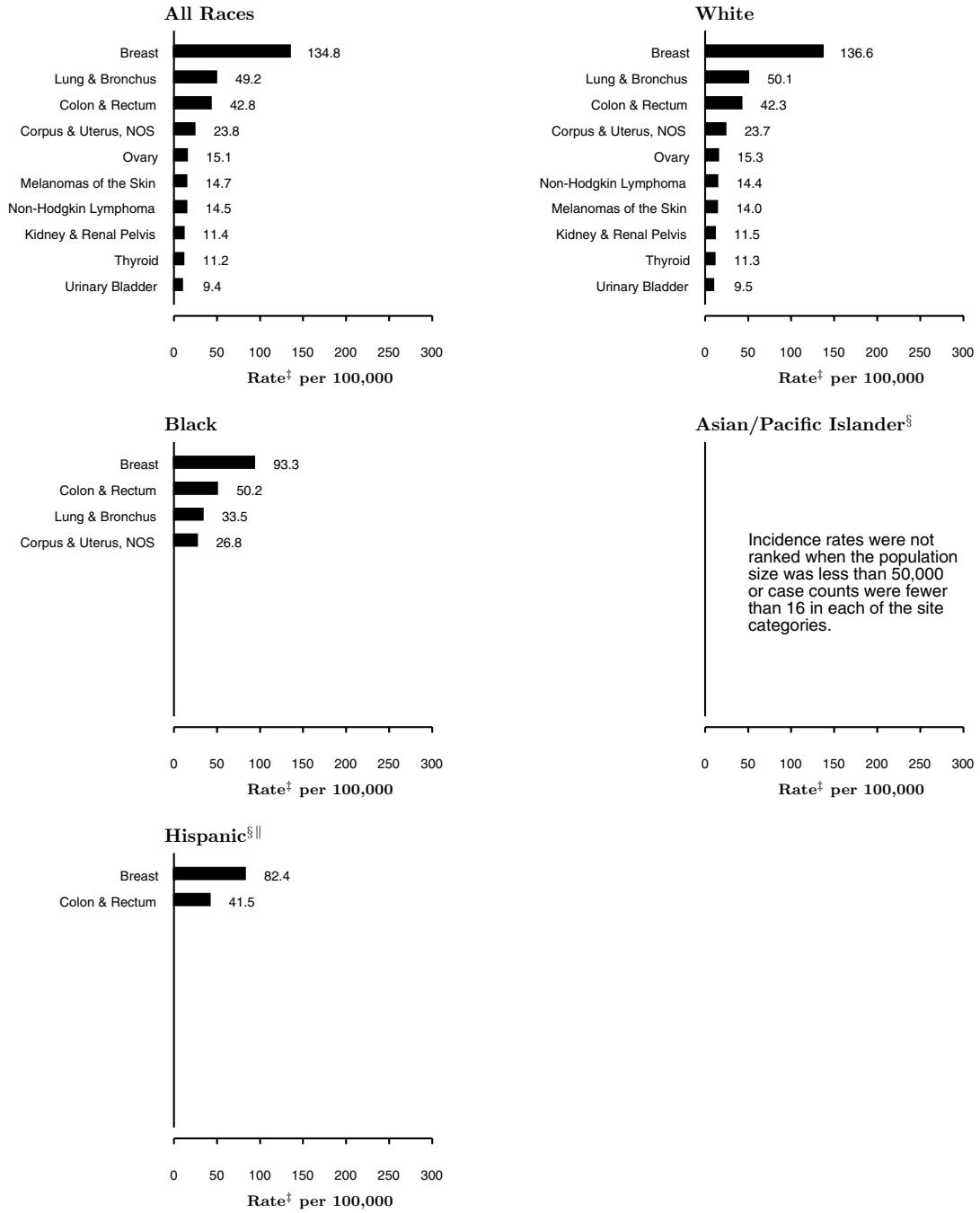
Kansas,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.22.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Kansas,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

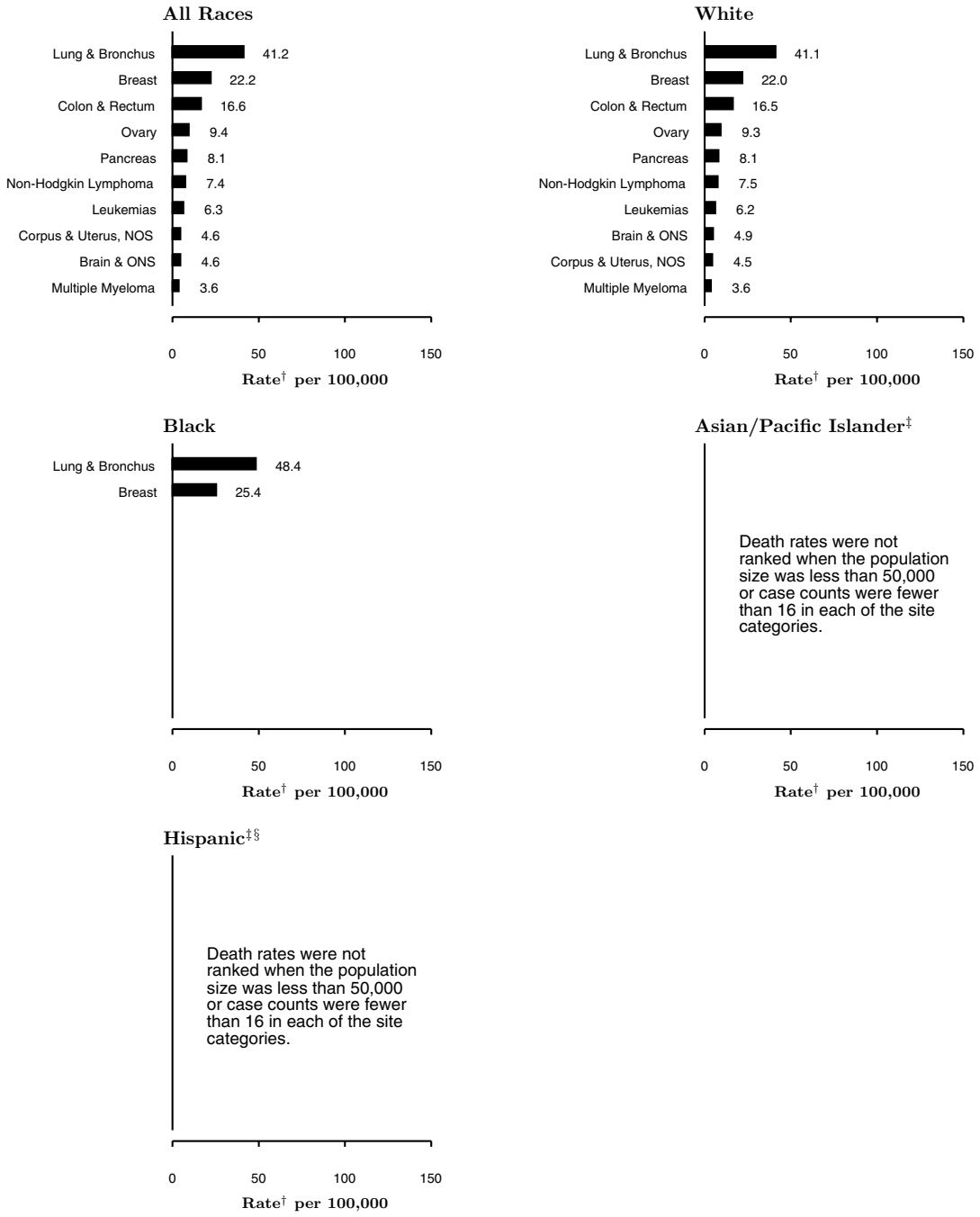
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.22.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

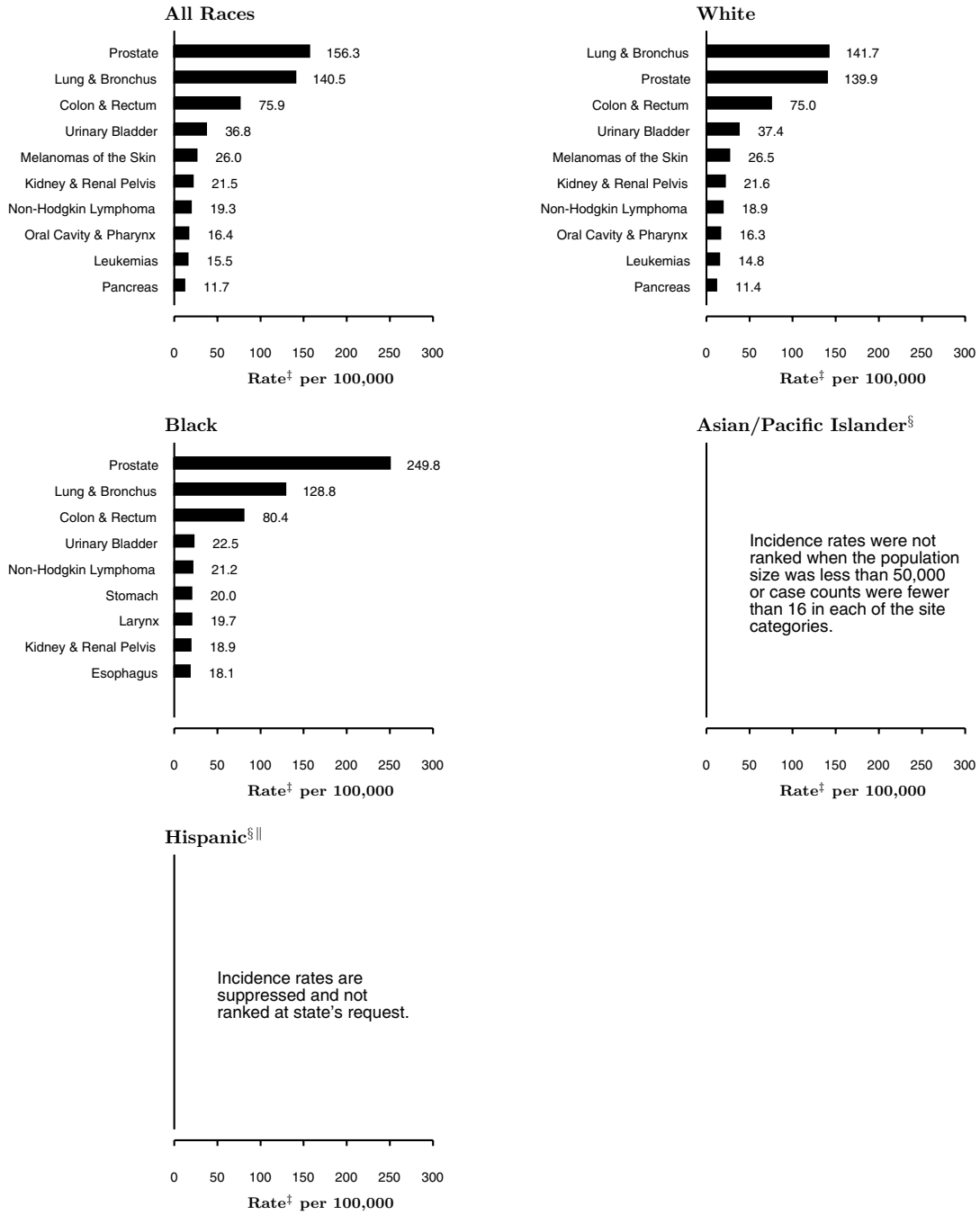
Kansas,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.23.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Kentucky,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

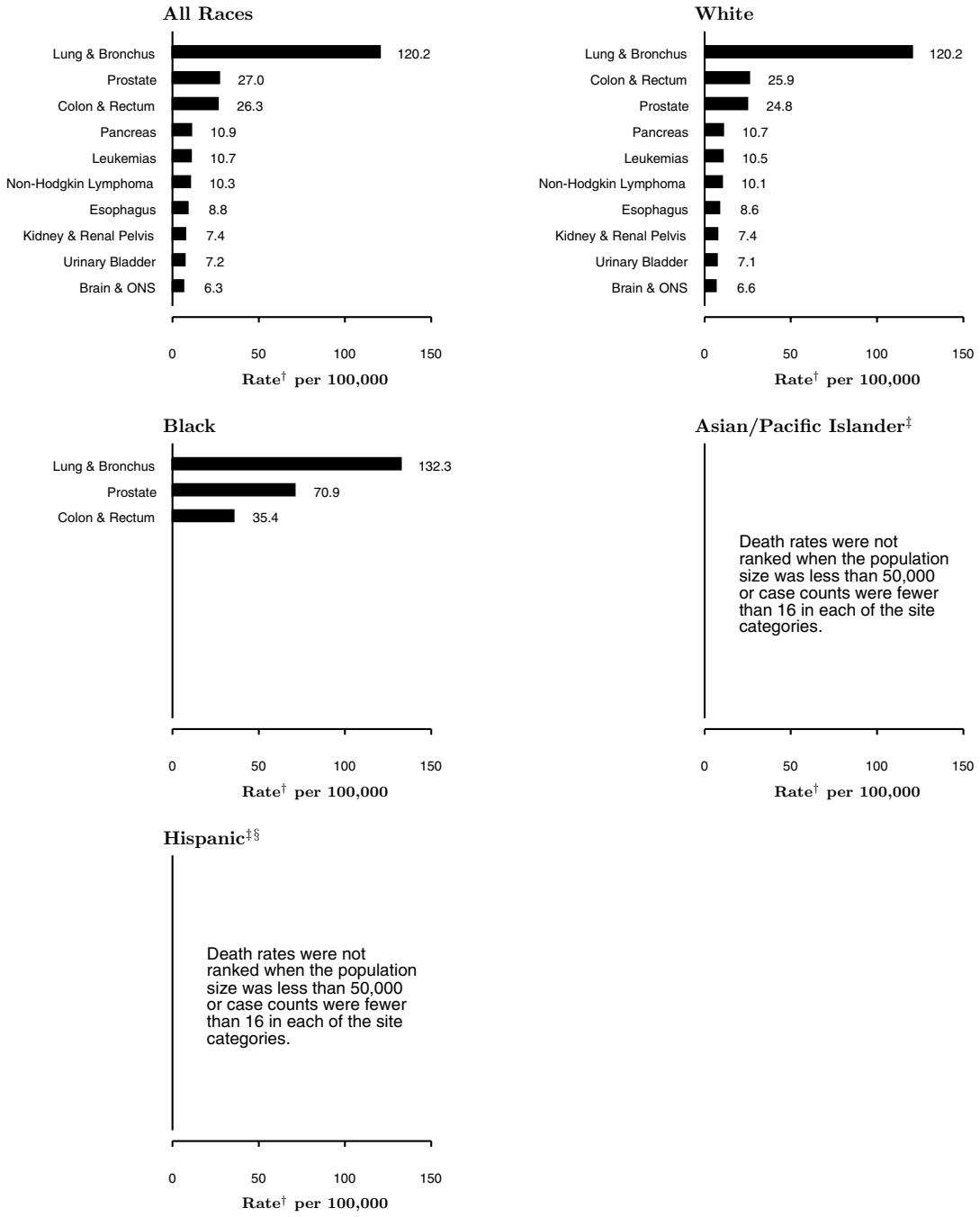
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.23.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

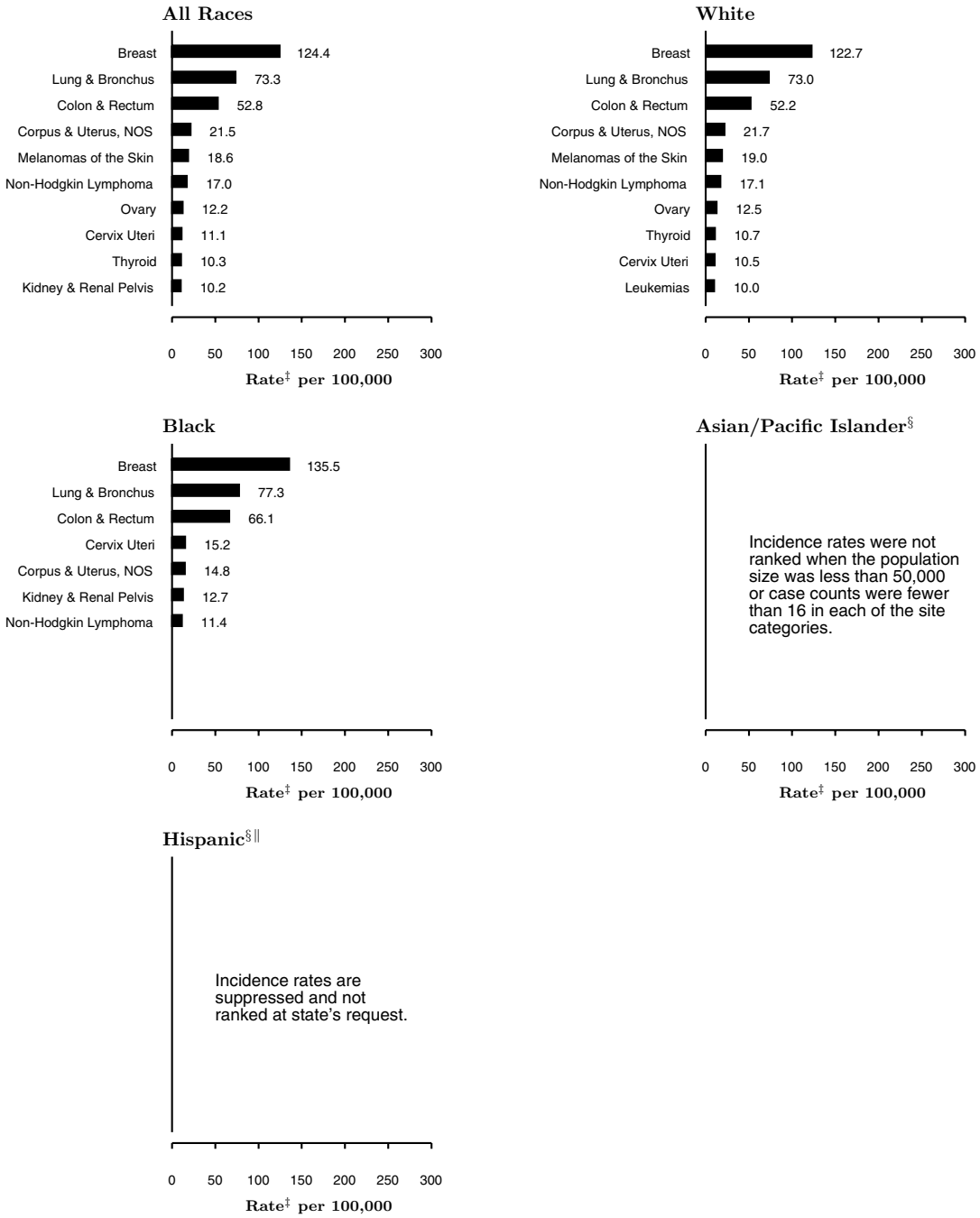
Kentucky,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.23.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Kentucky,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

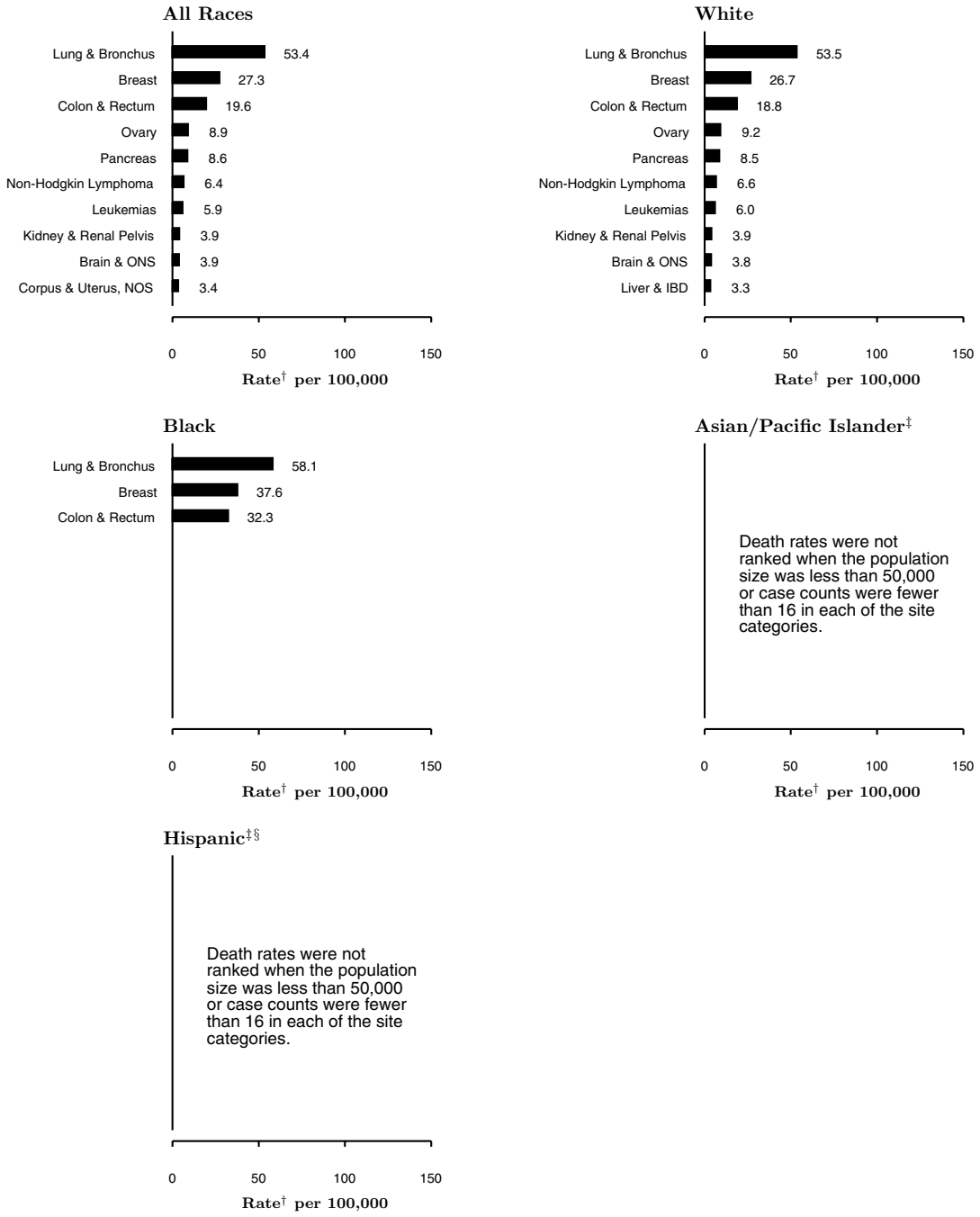
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.23.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

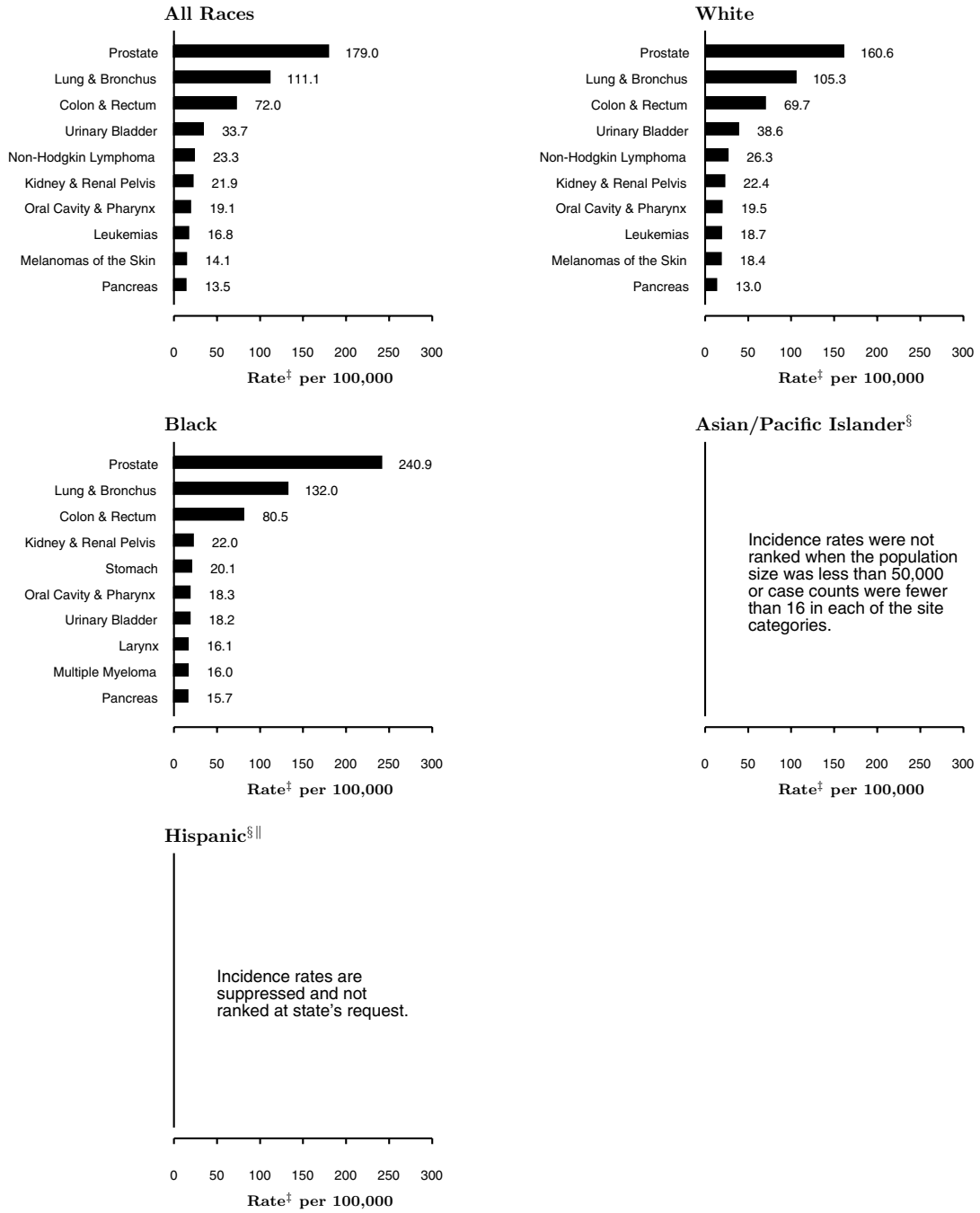
Kentucky,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.24.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Louisiana,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

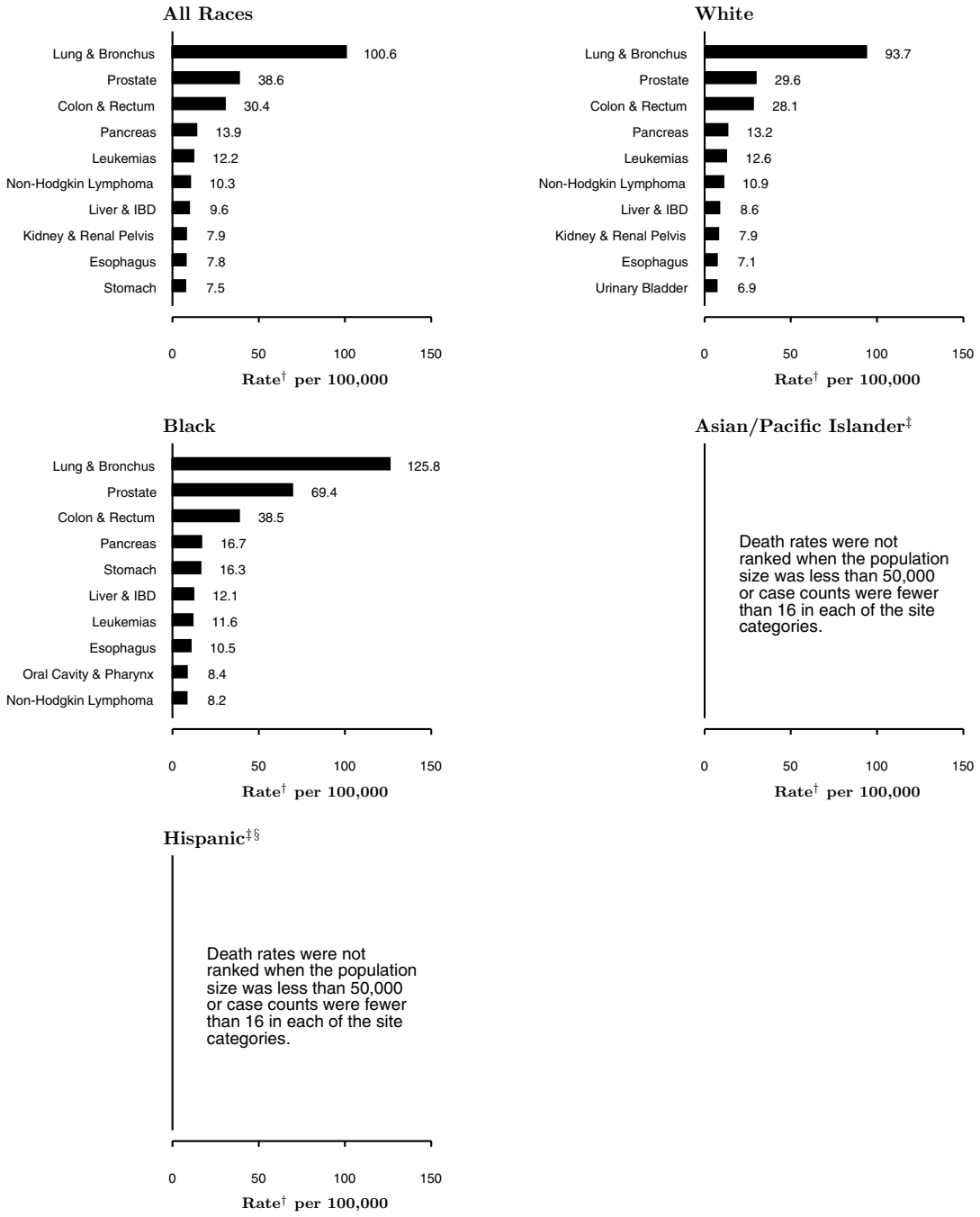
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.24.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

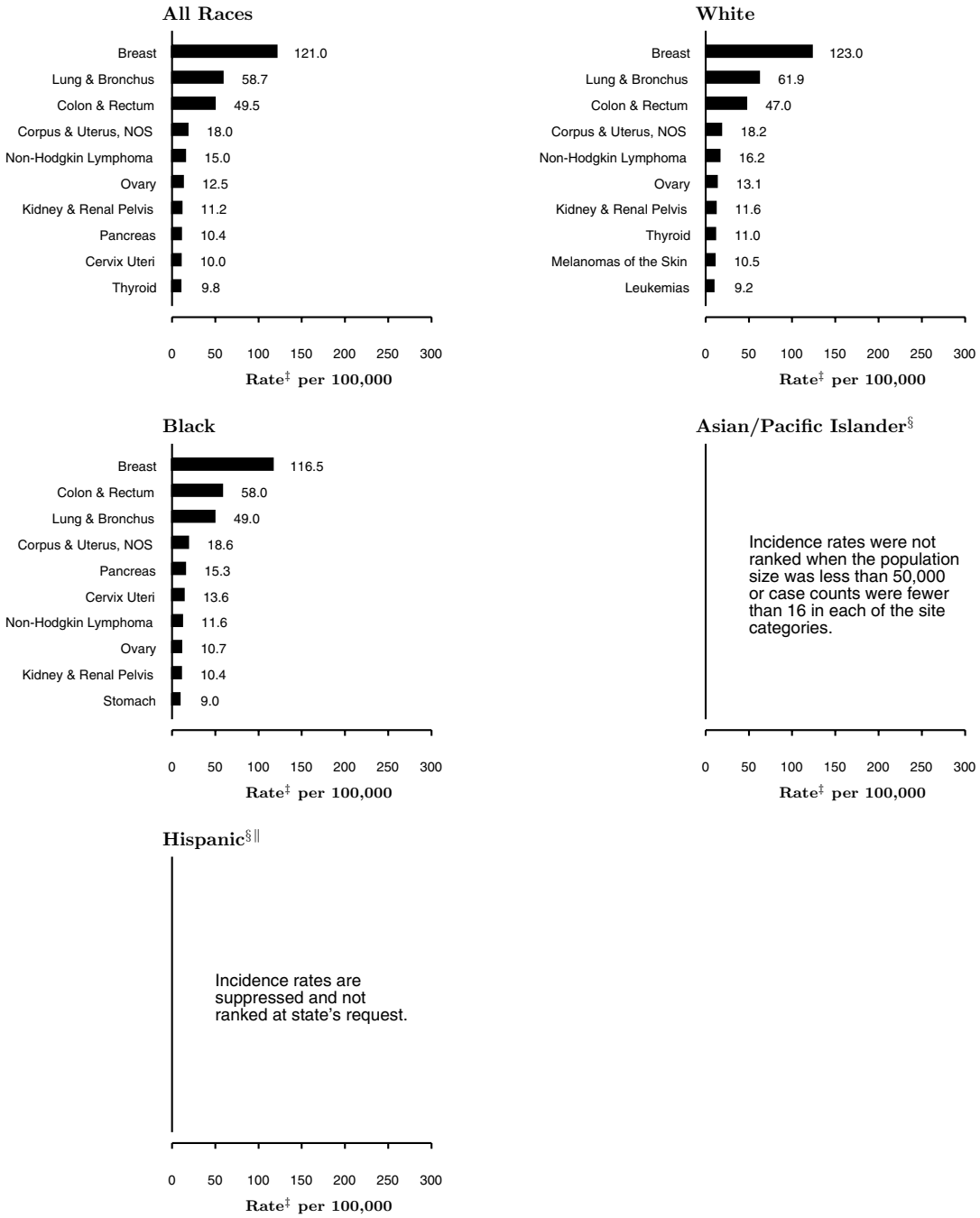
Louisiana,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.24.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Louisiana,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

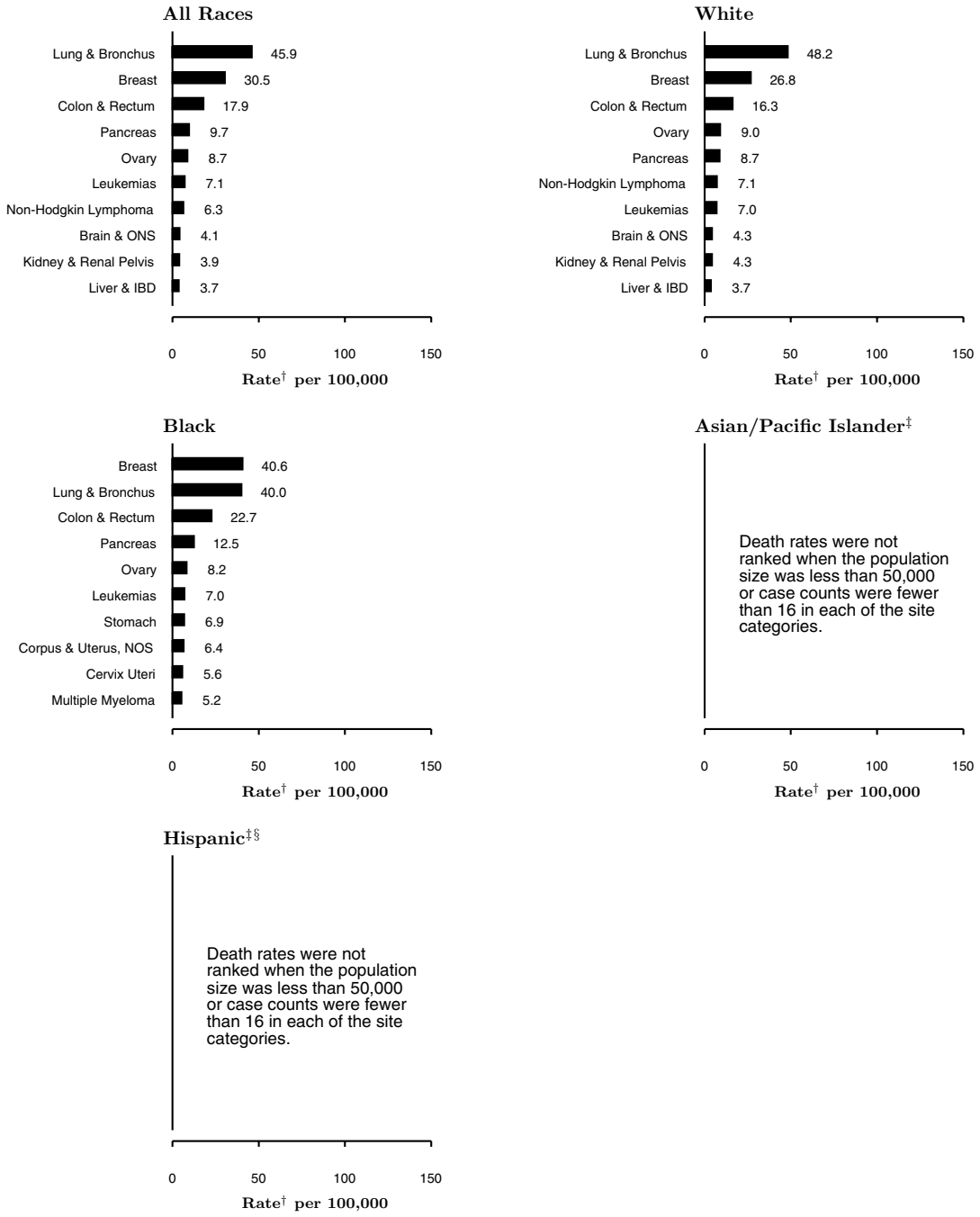
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.24.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

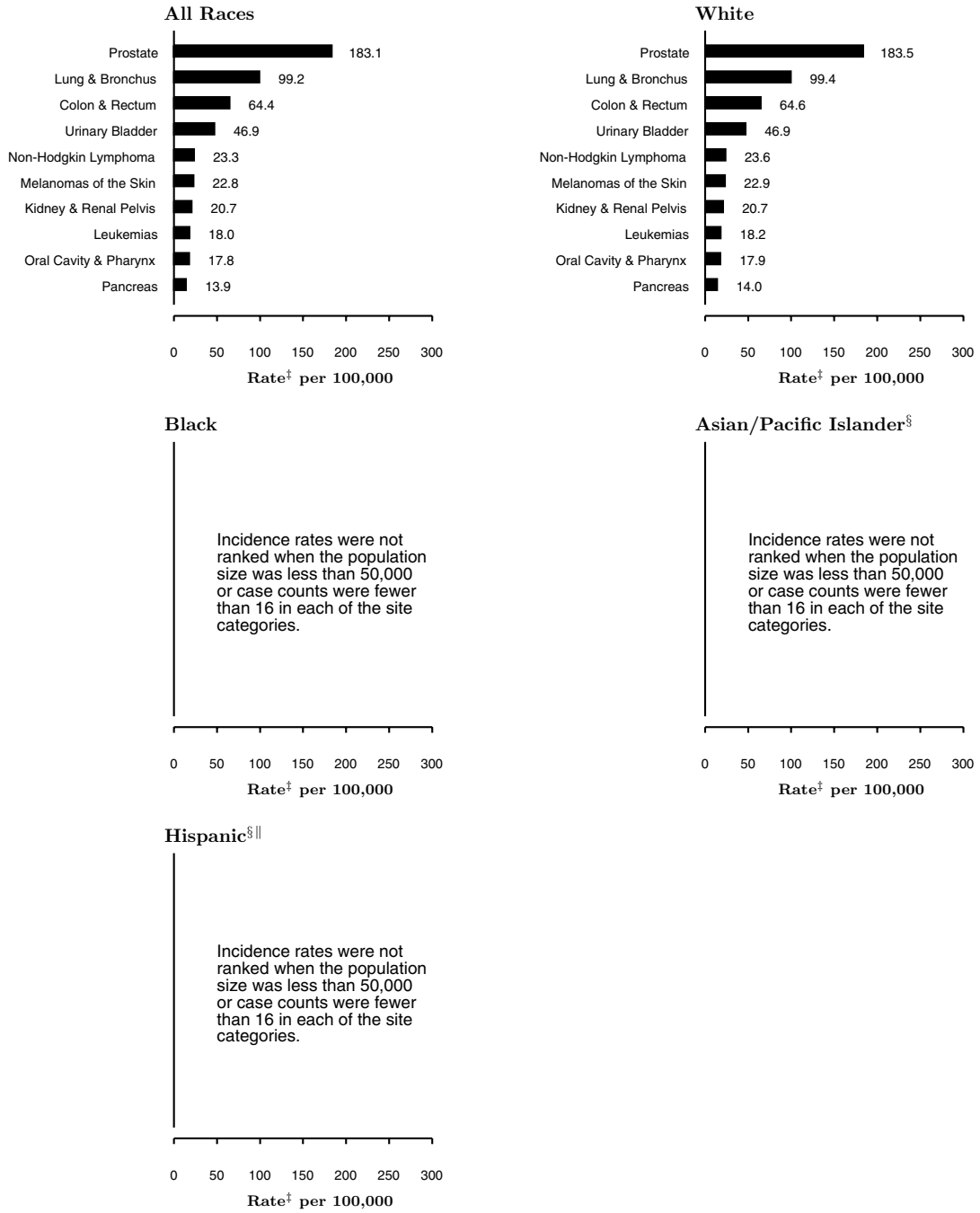
Louisiana,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.25.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Maine,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

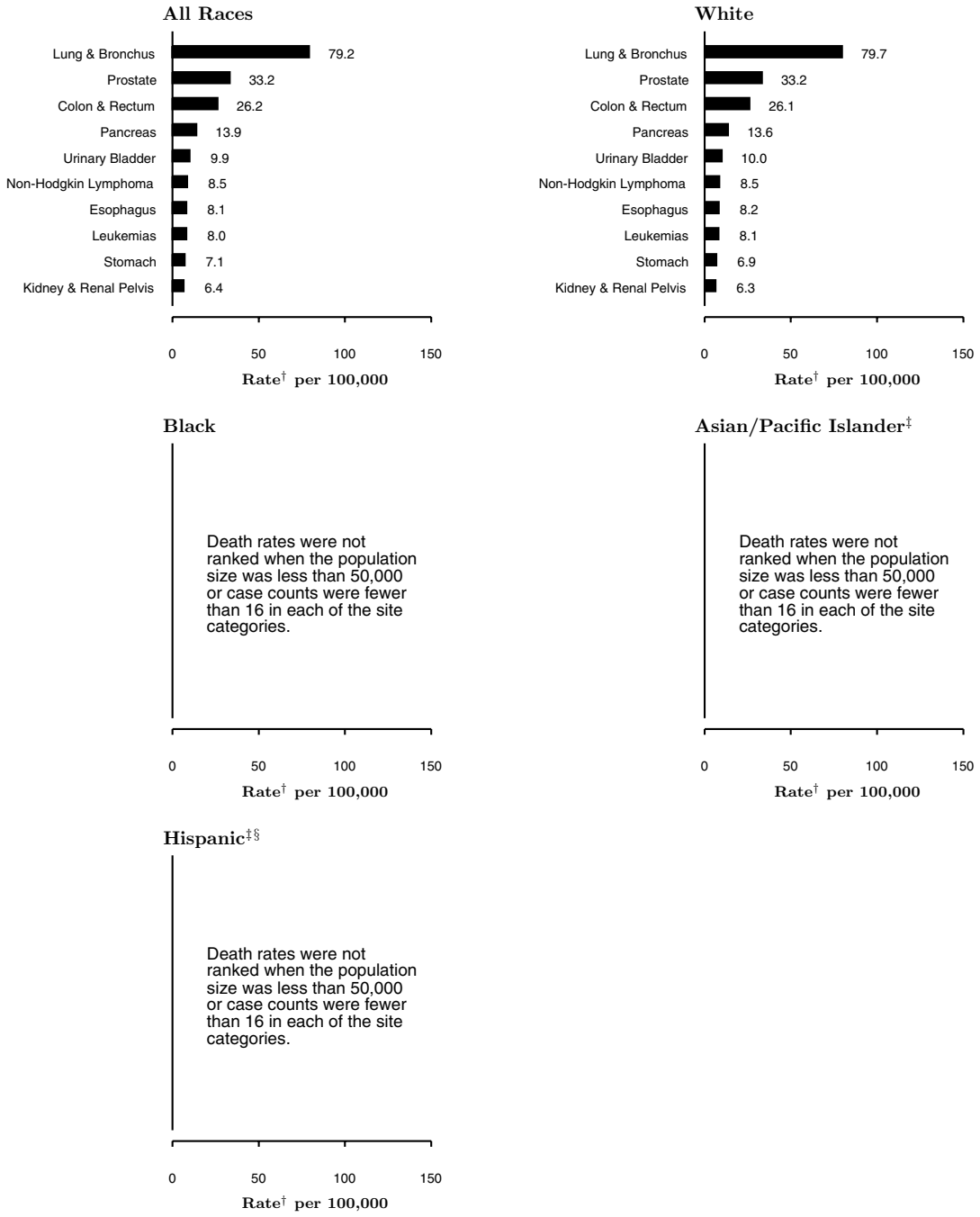
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.25.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

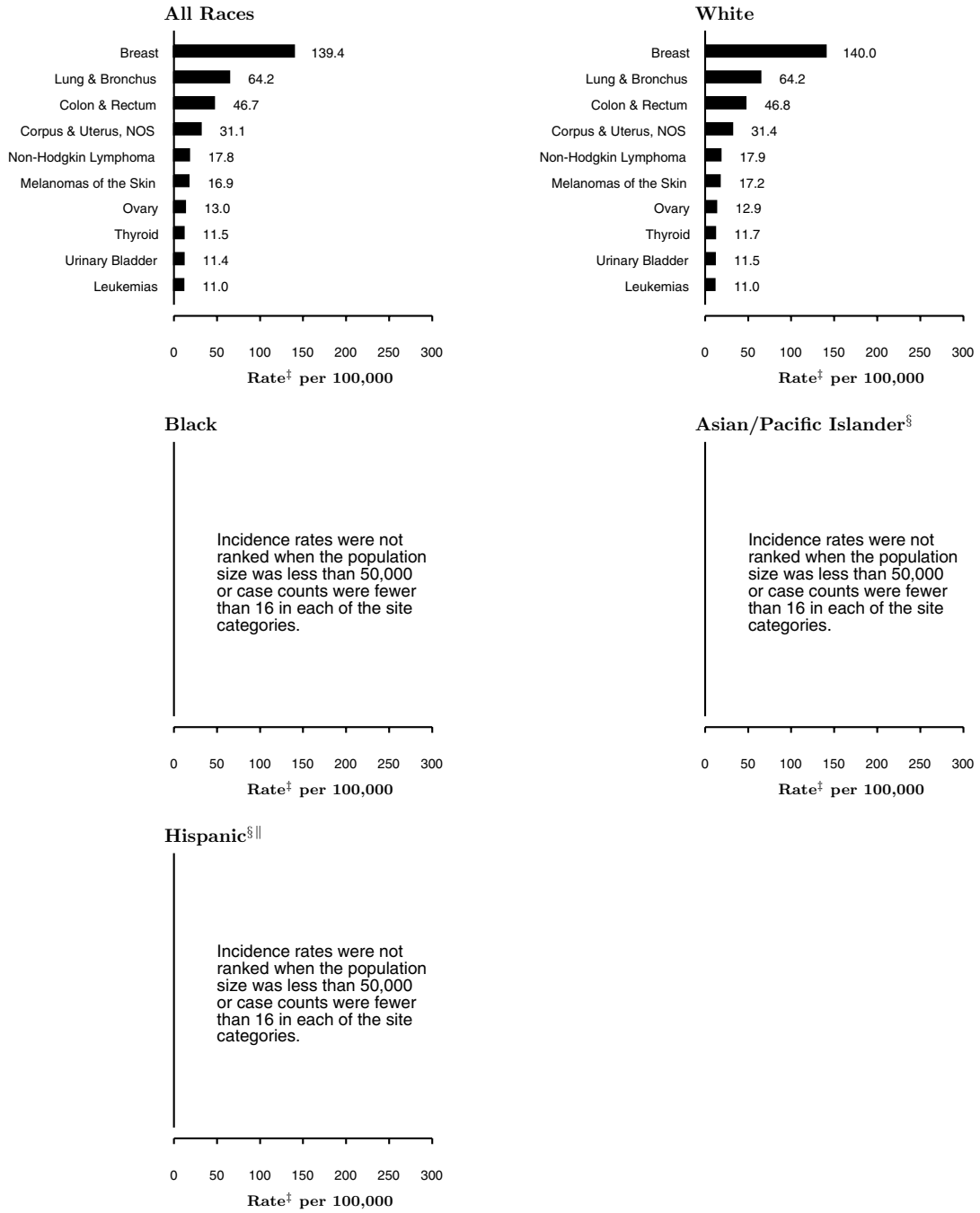
Maine,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.25.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Maine,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

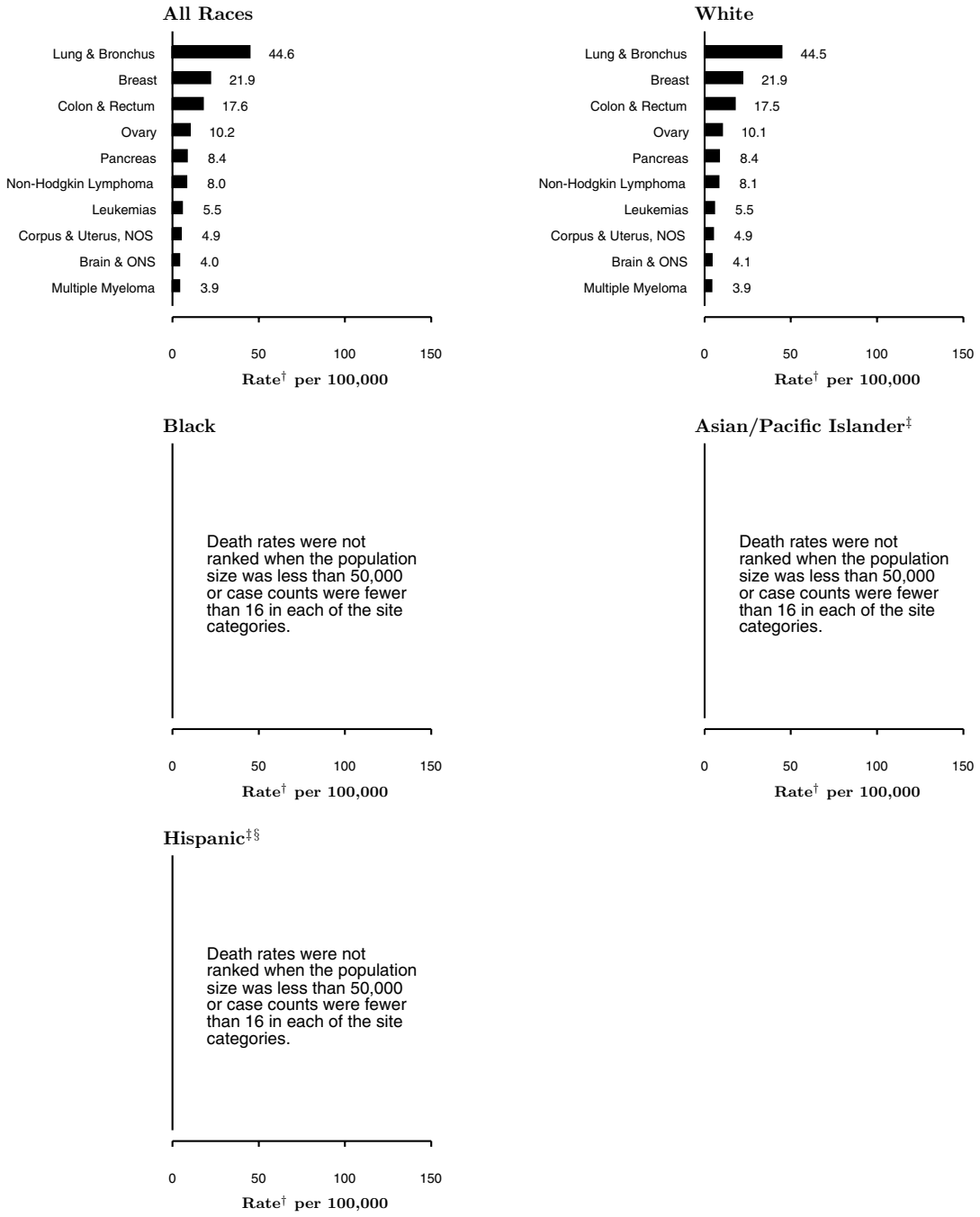
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.25.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Maine,* Females, 2001

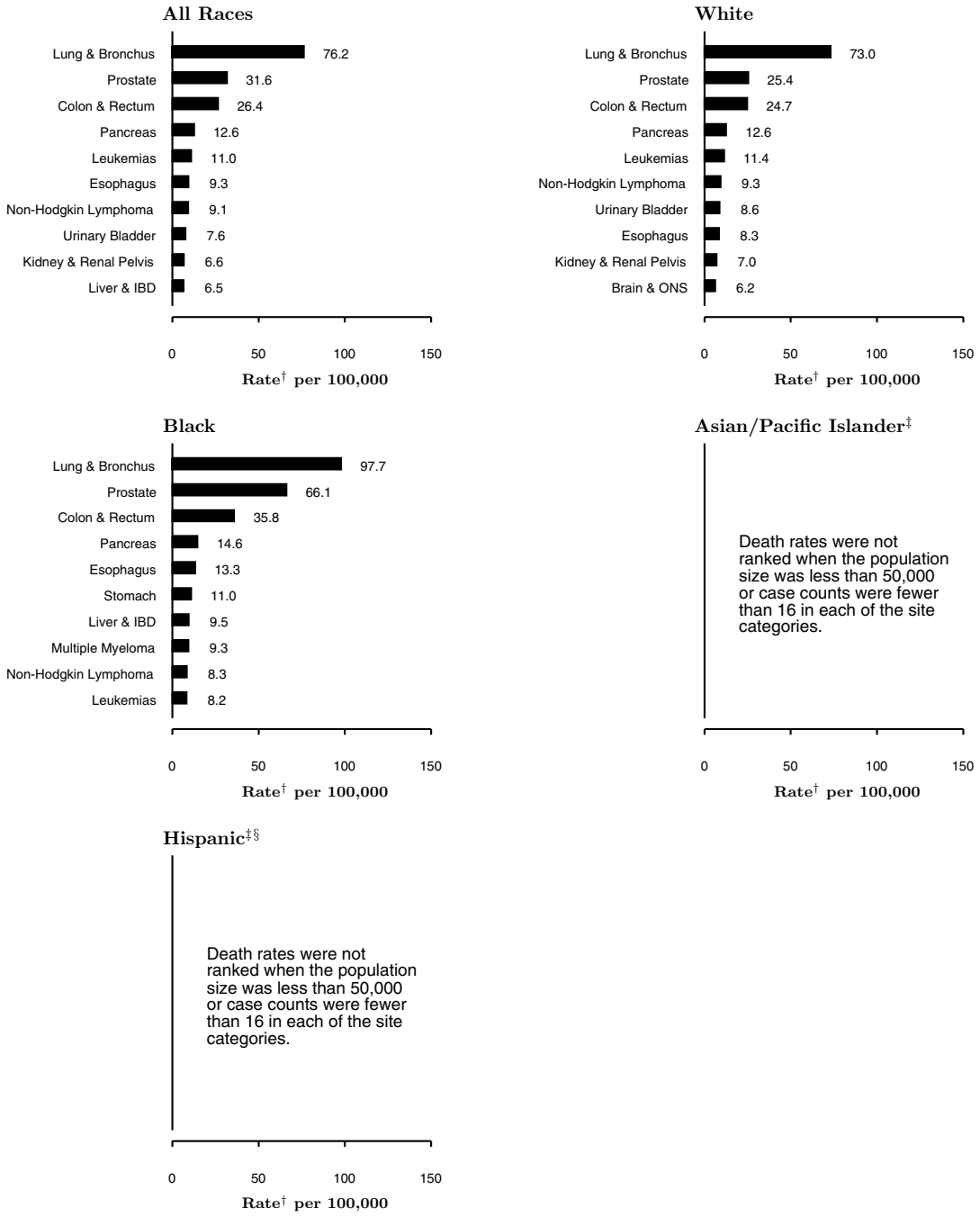


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.26.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Maryland,* Males, 2001

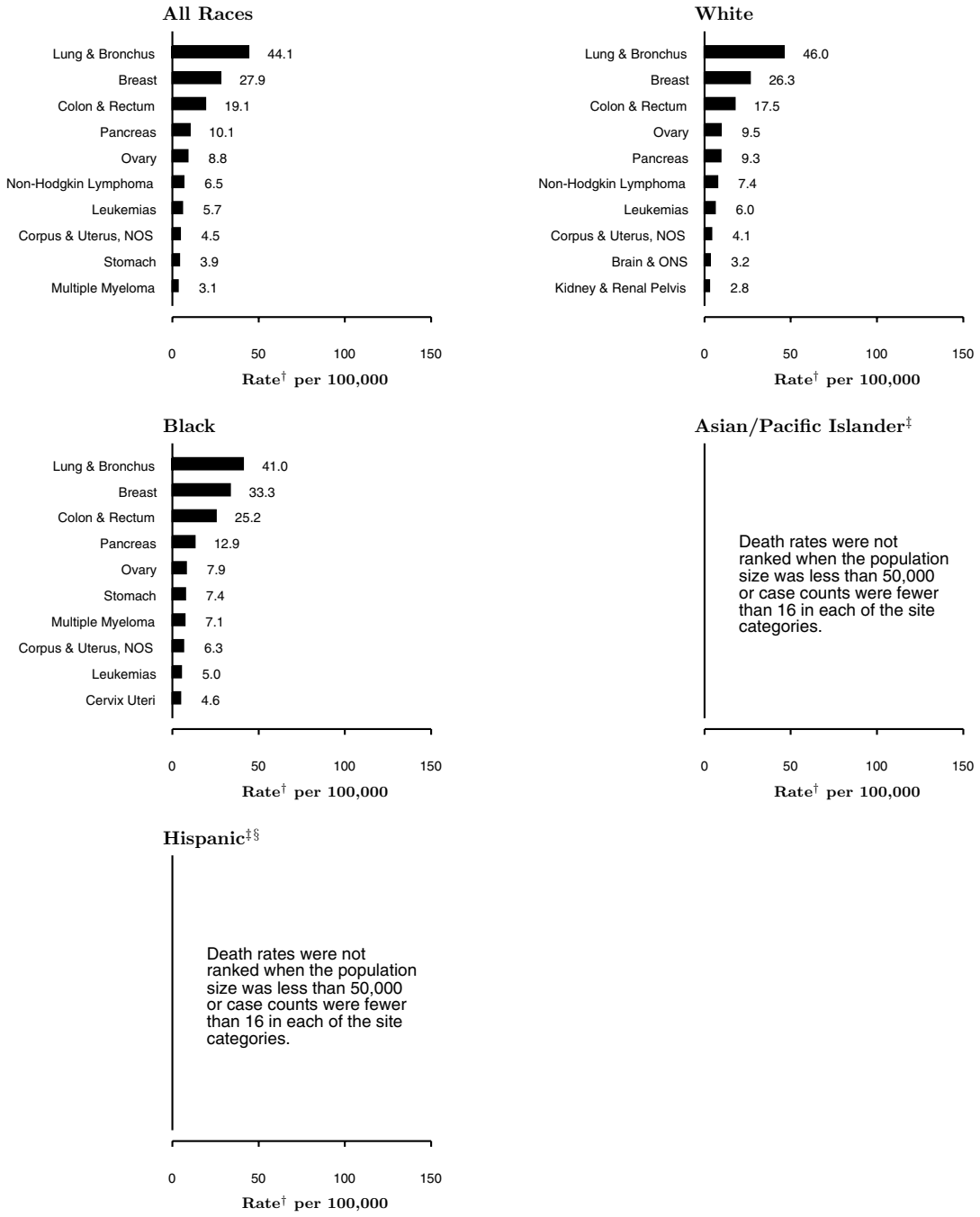


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.26.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

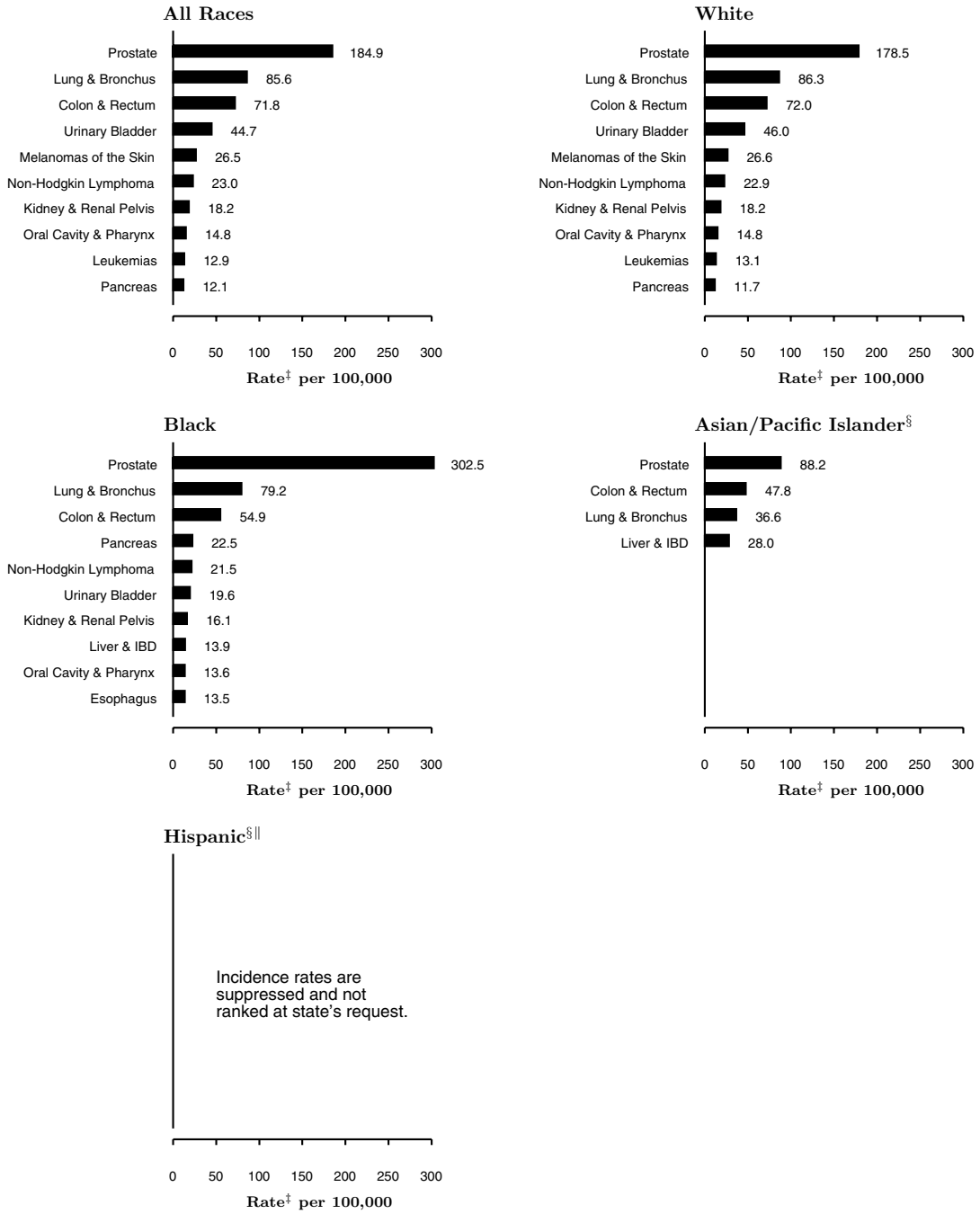
Maryland,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.27.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Massachusetts,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

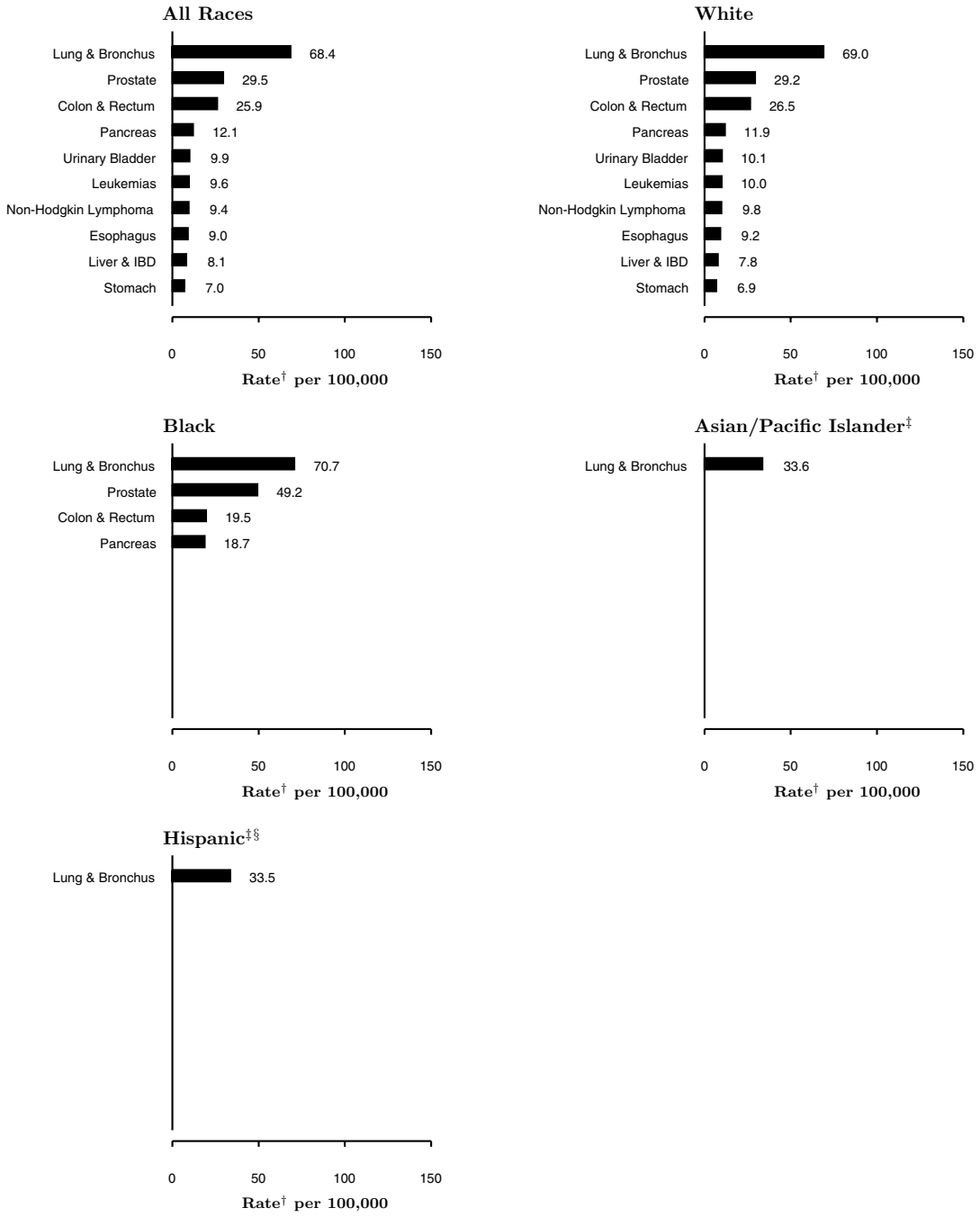
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.27.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Massachusetts,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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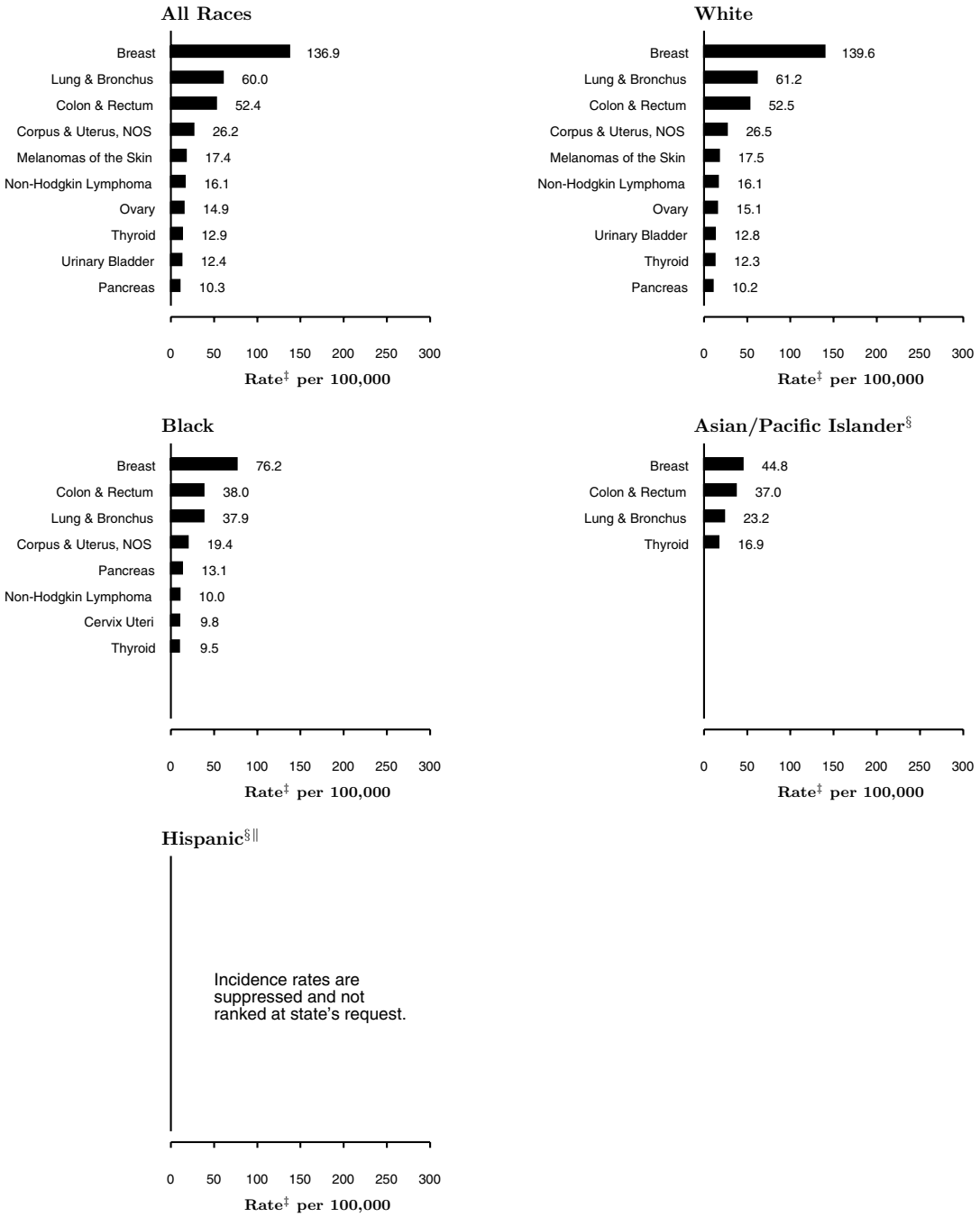
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.27.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Massachusetts,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

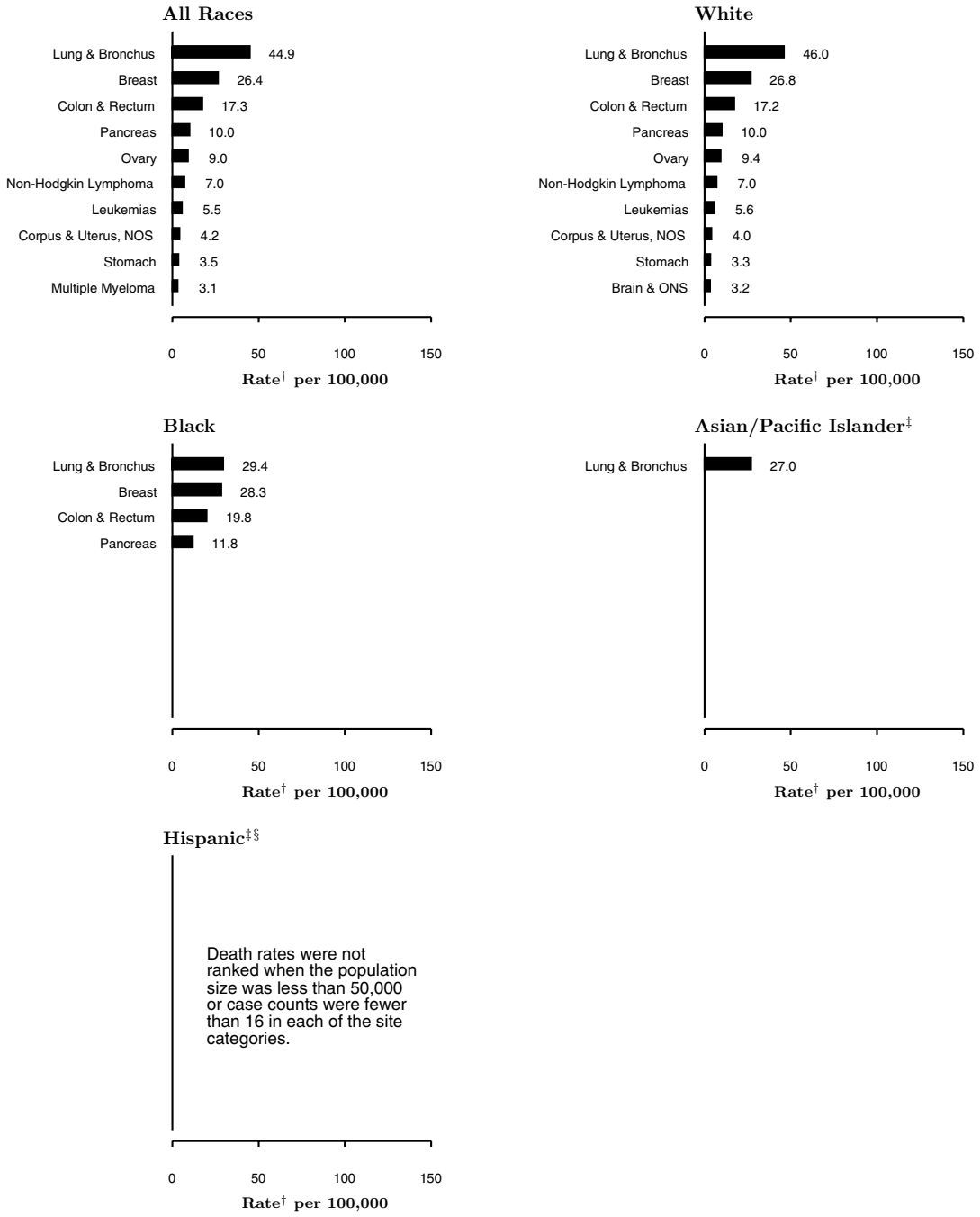
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.27.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

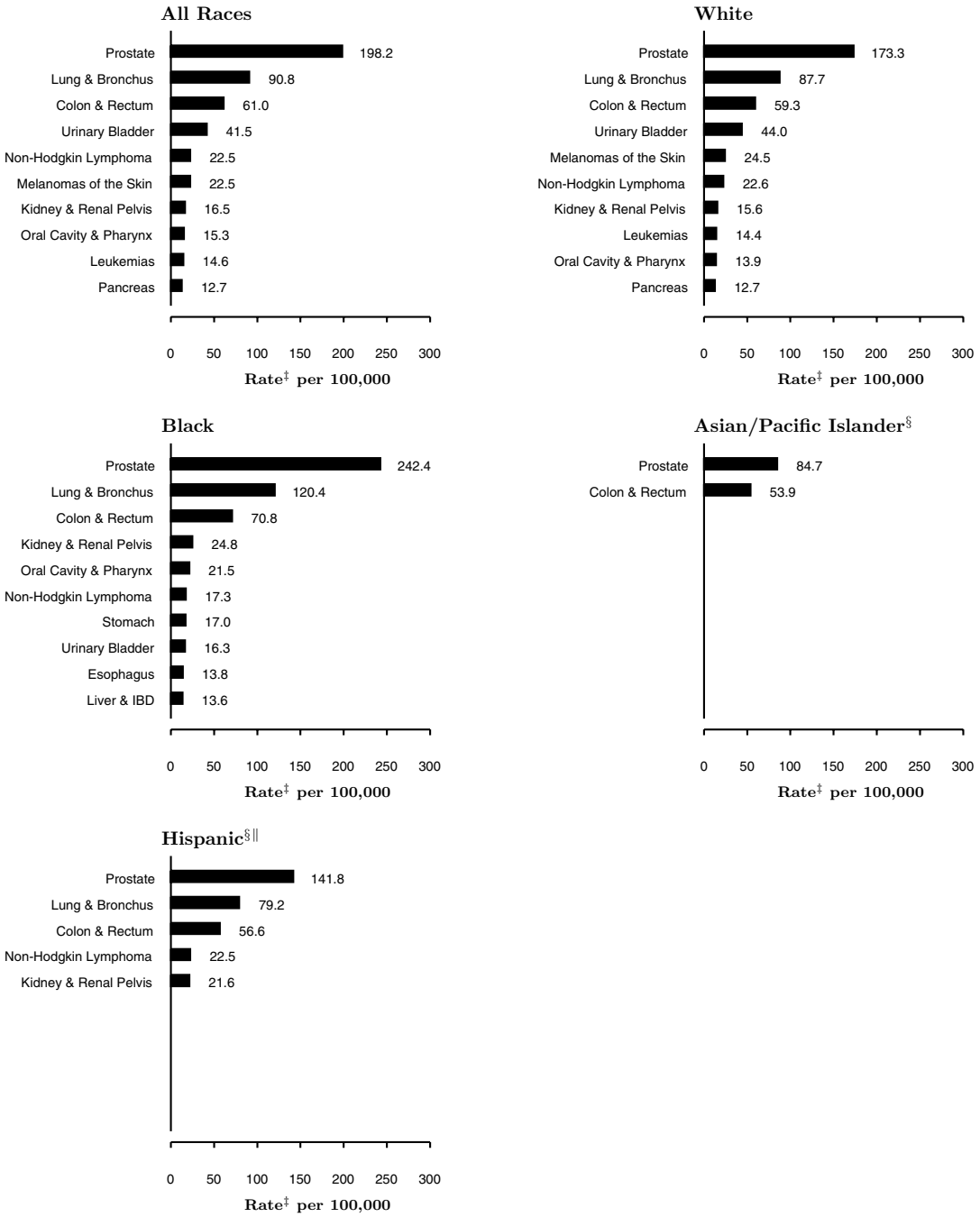
Massachusetts,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.28.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Michigan,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

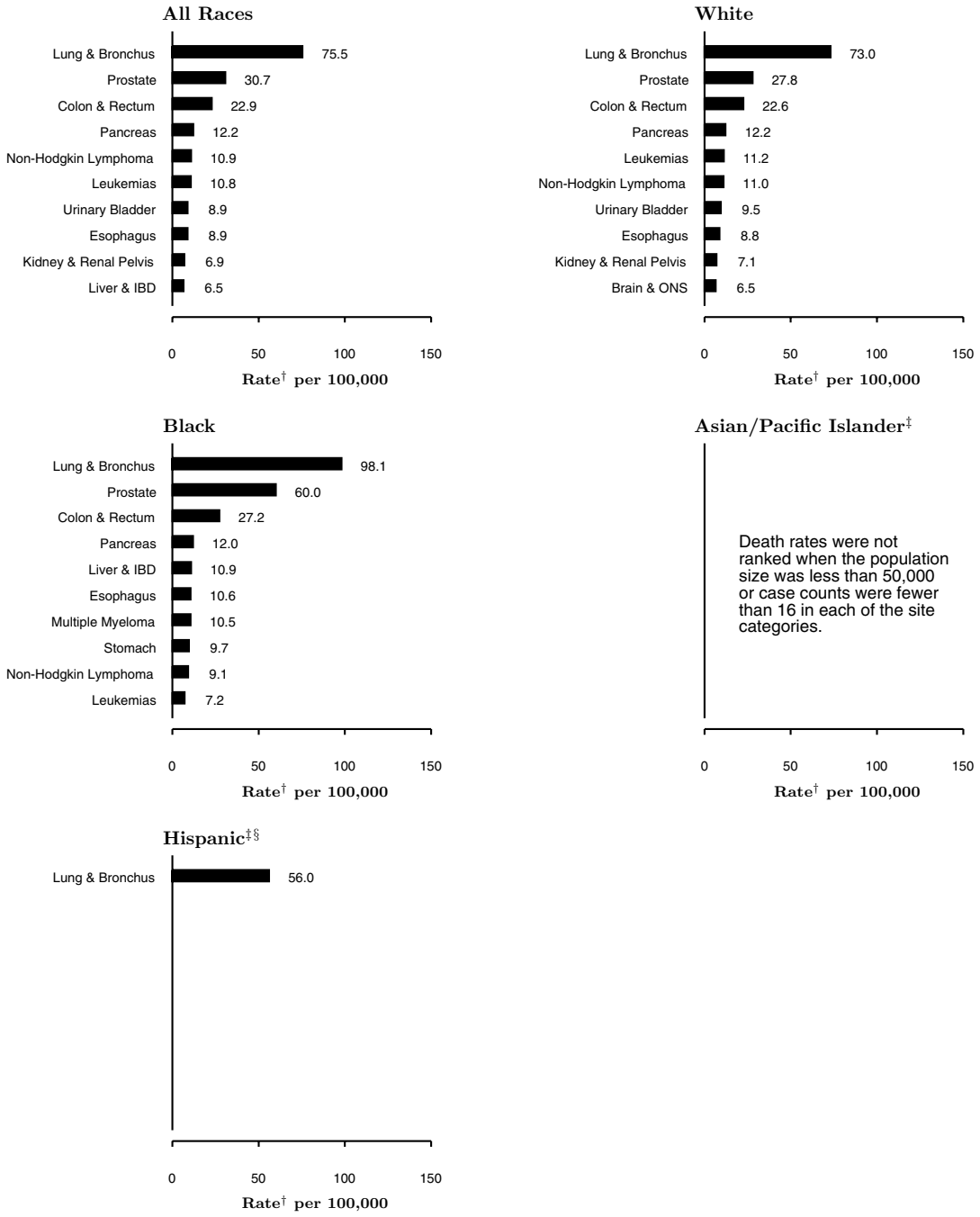
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.28.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Michigan,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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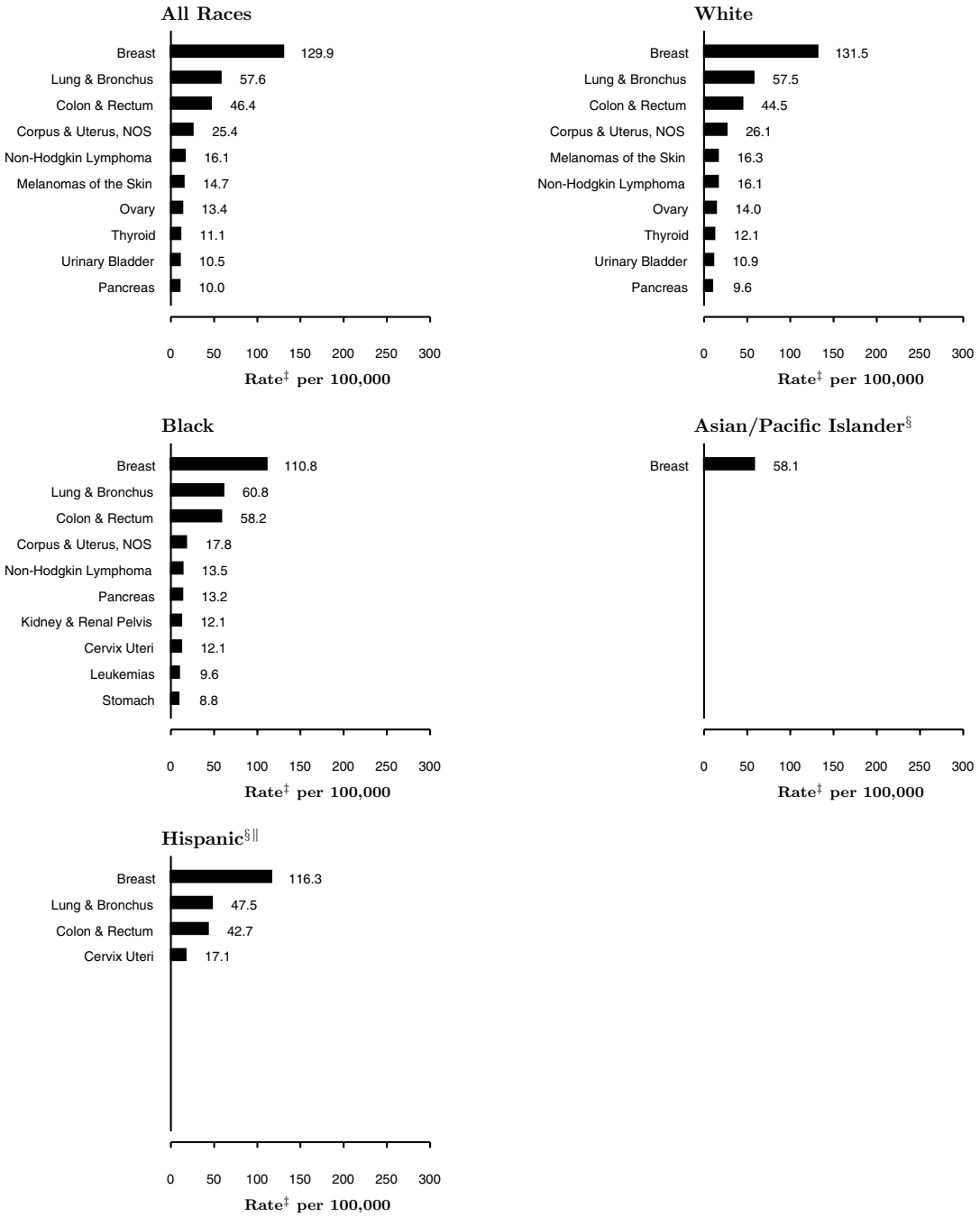
Figure 3.28.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Michigan,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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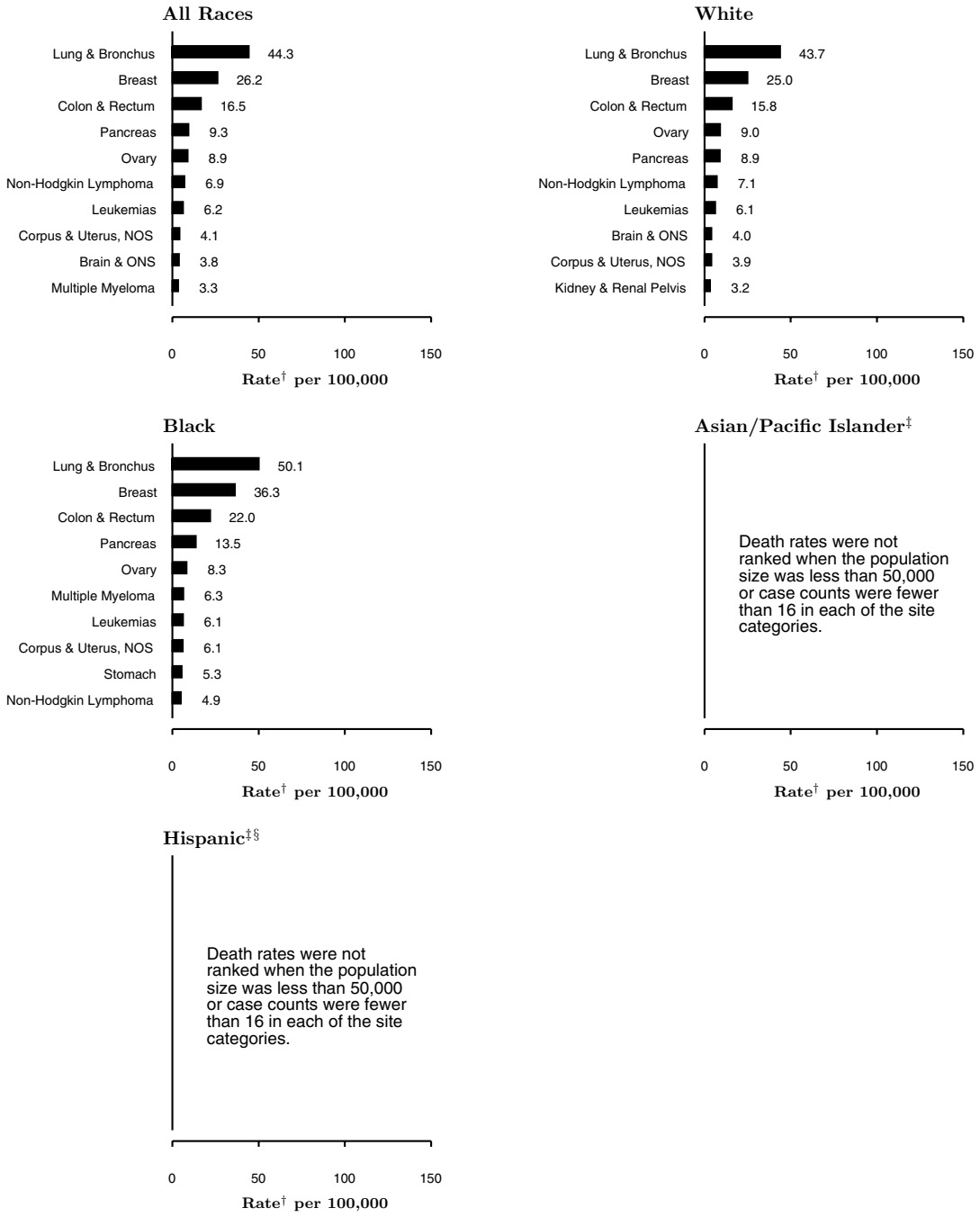
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.28.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

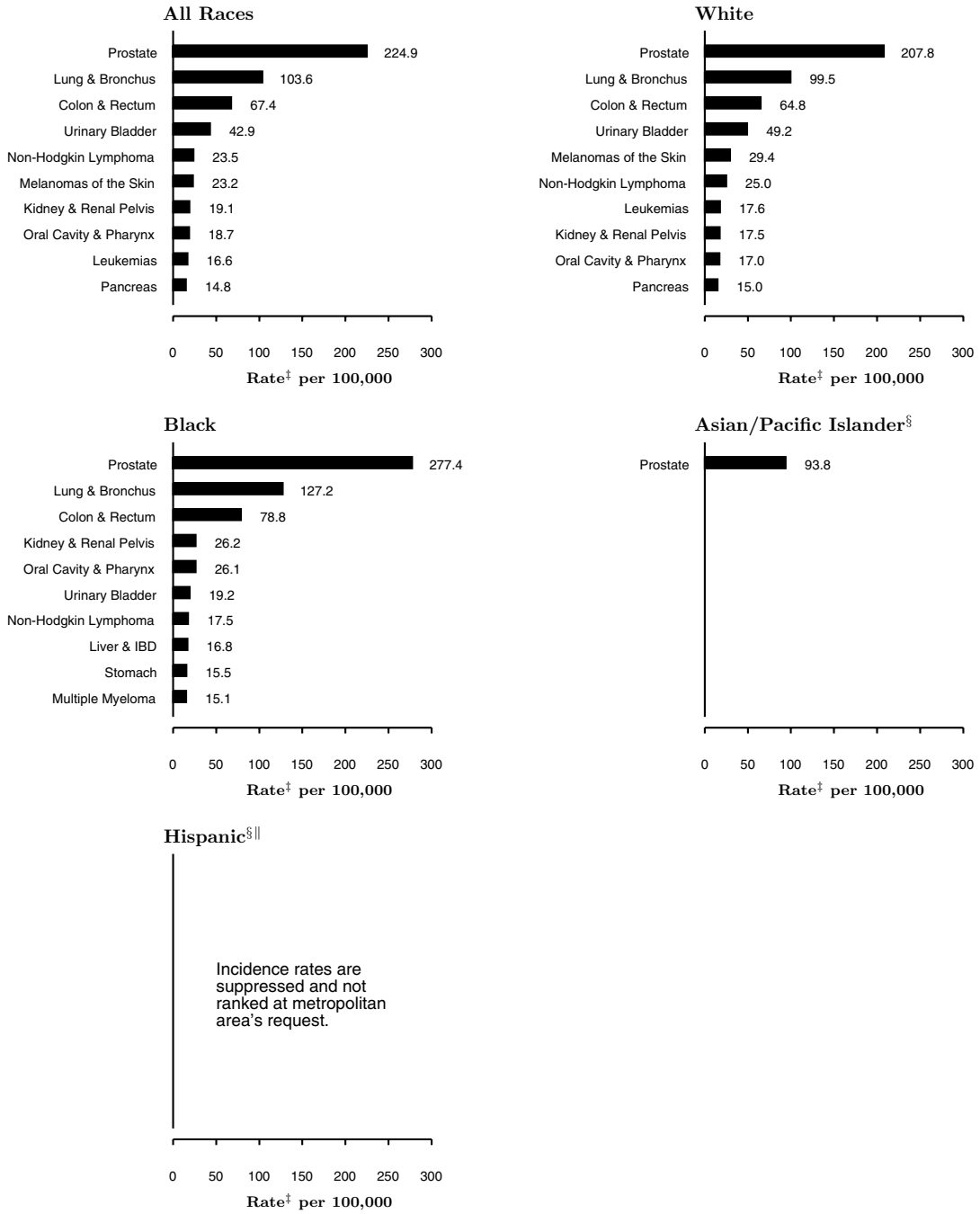
Michigan,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.29.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Detroit,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

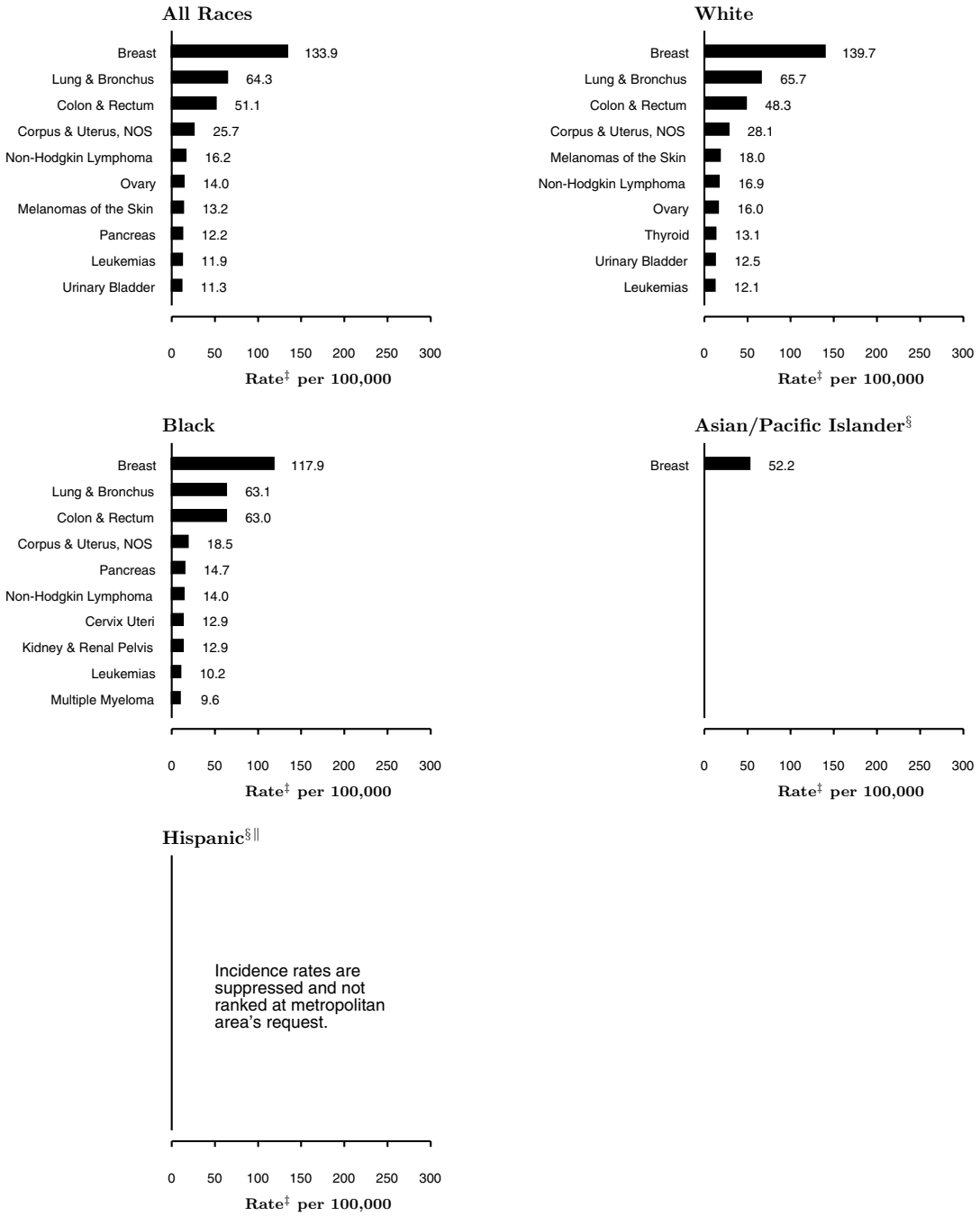
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.29.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Detroit,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

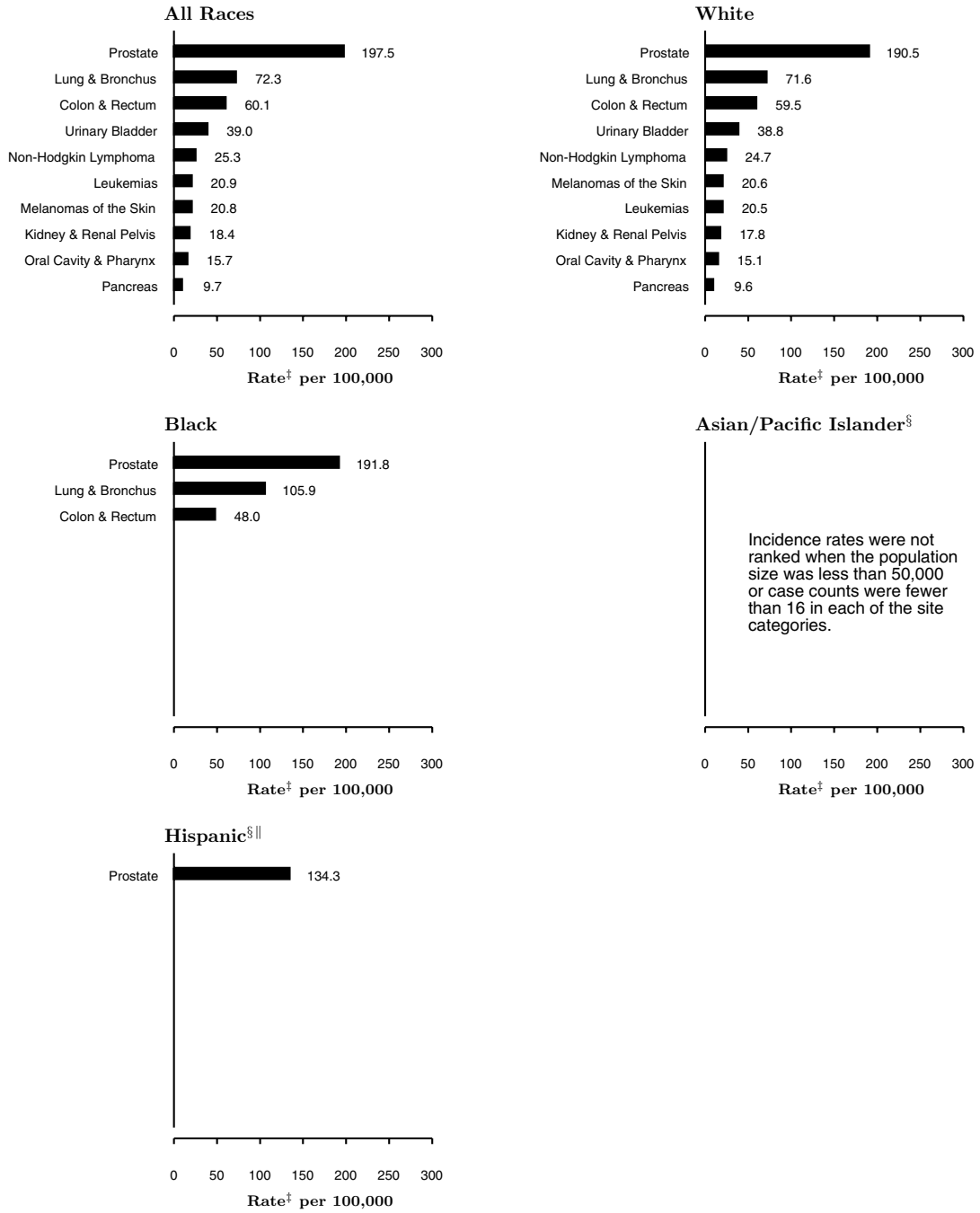
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.30.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Minnesota,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

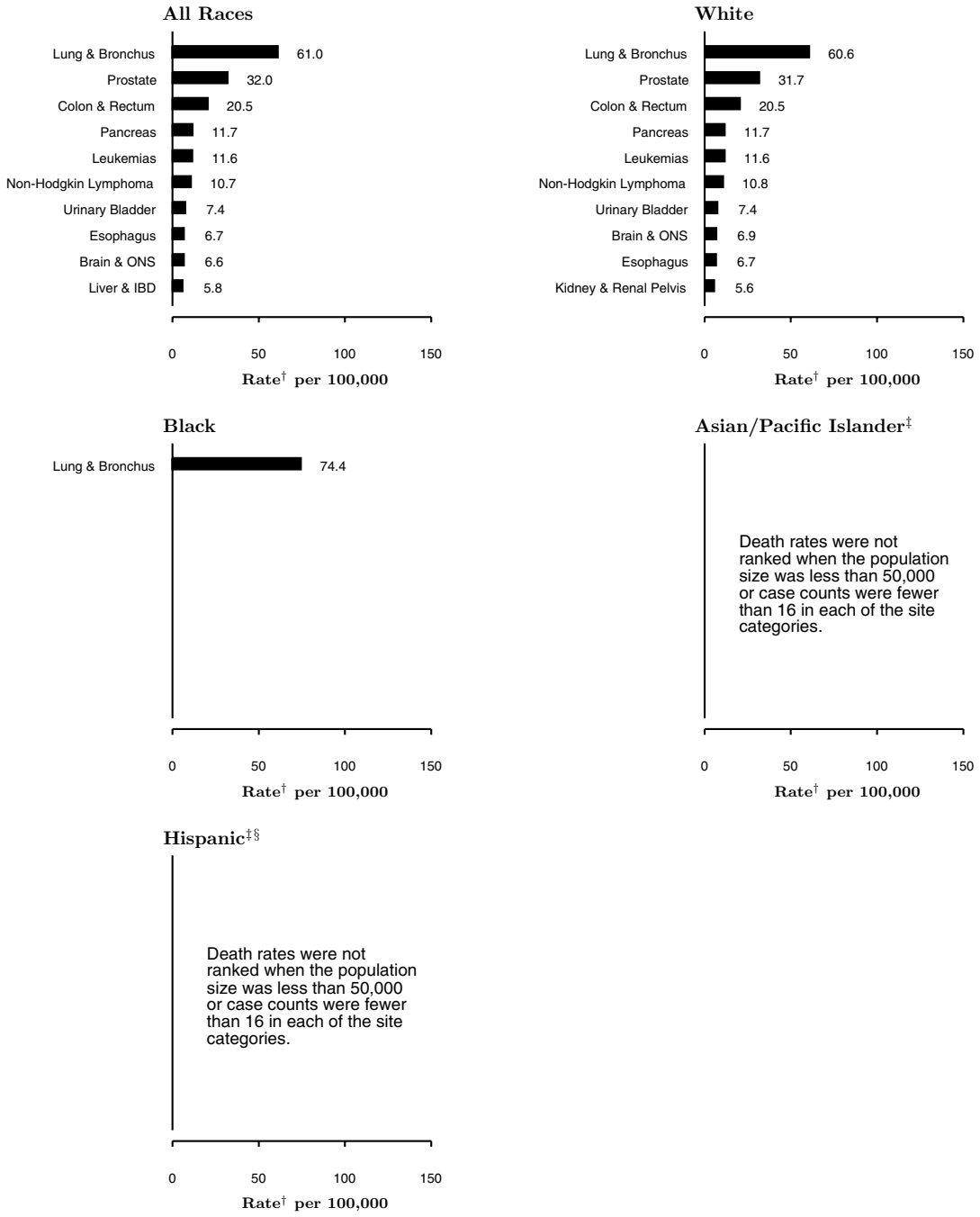
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.30.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

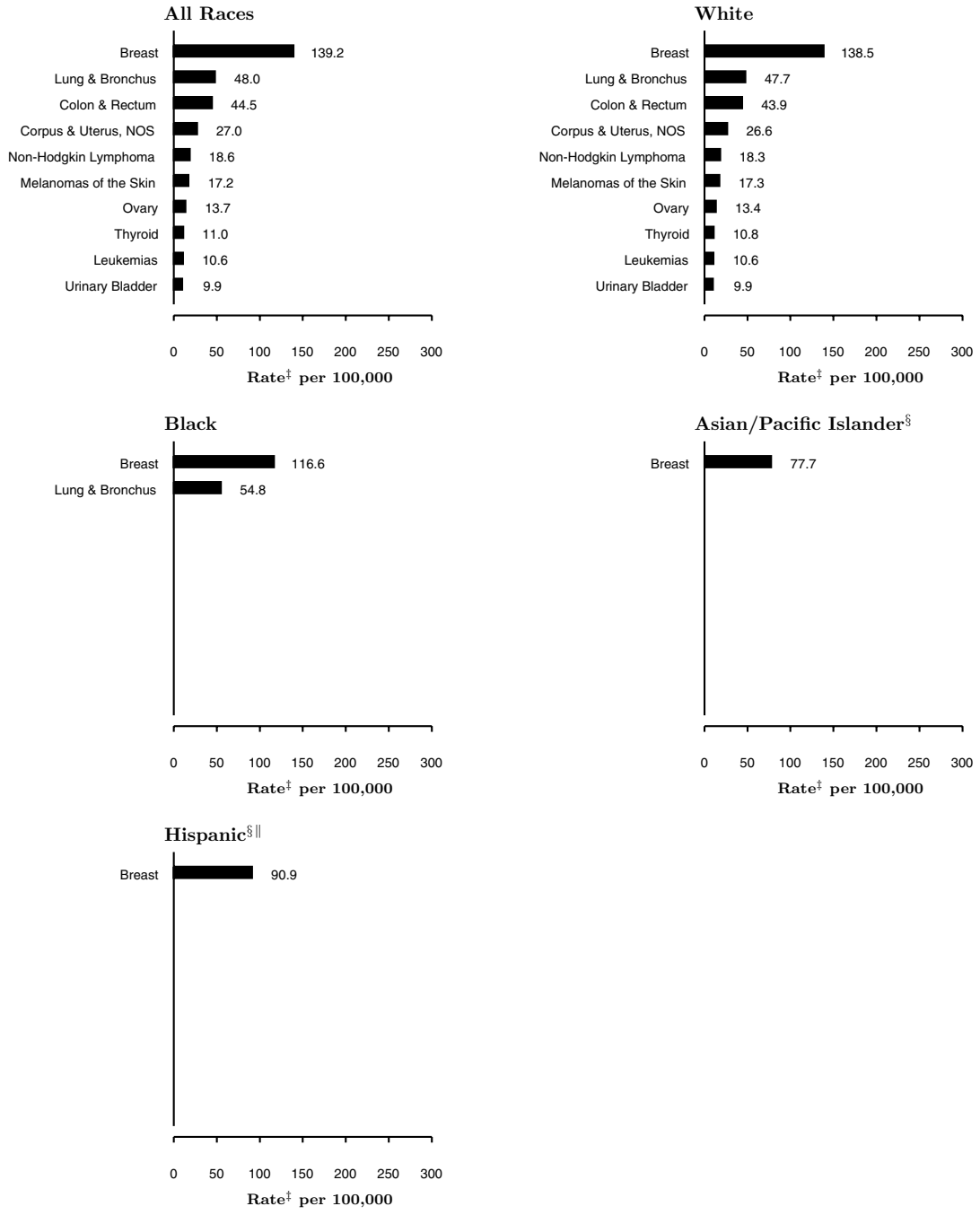
Minnesota,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.30.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Minnesota,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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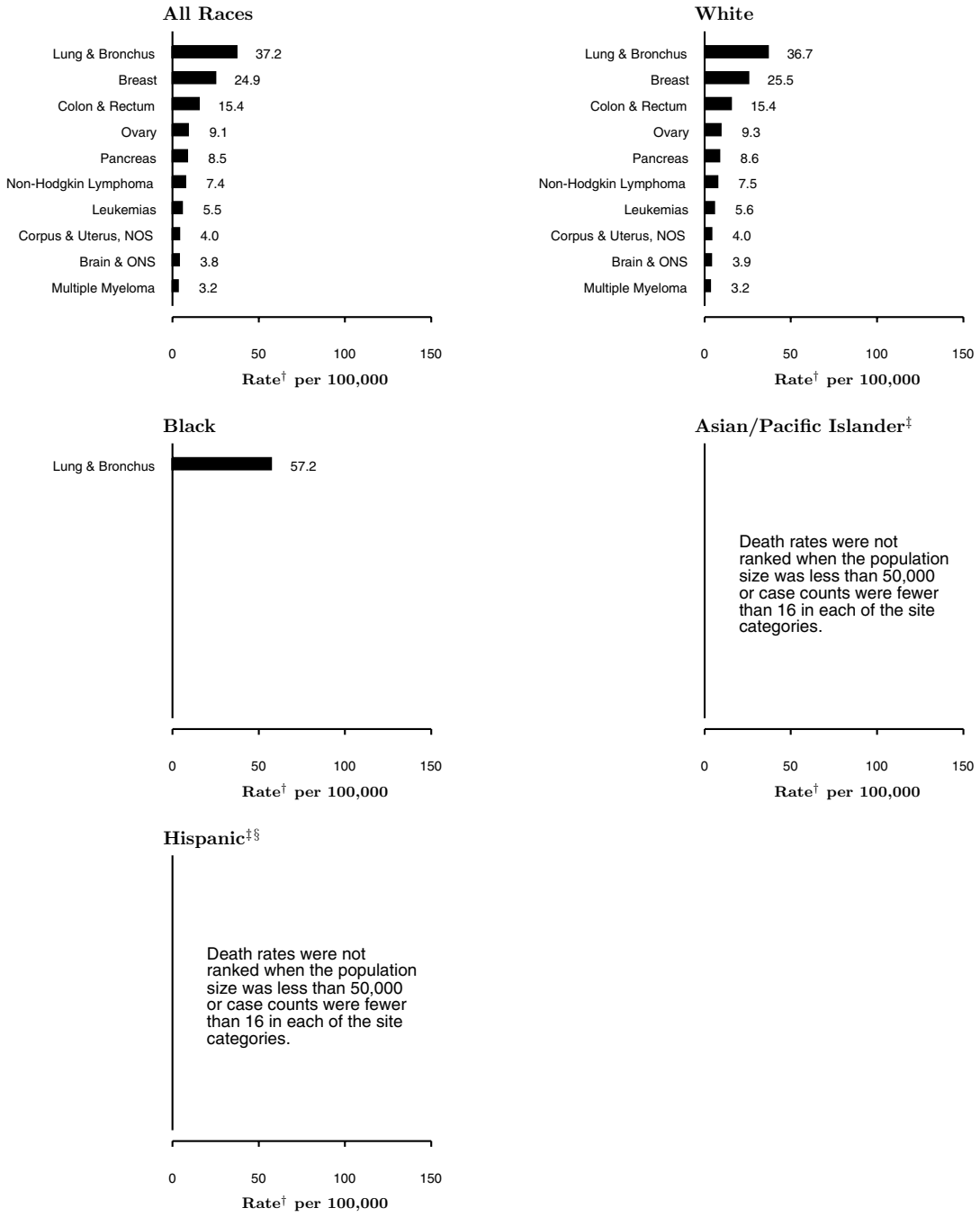
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.30.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Minnesota,* Females, 2001

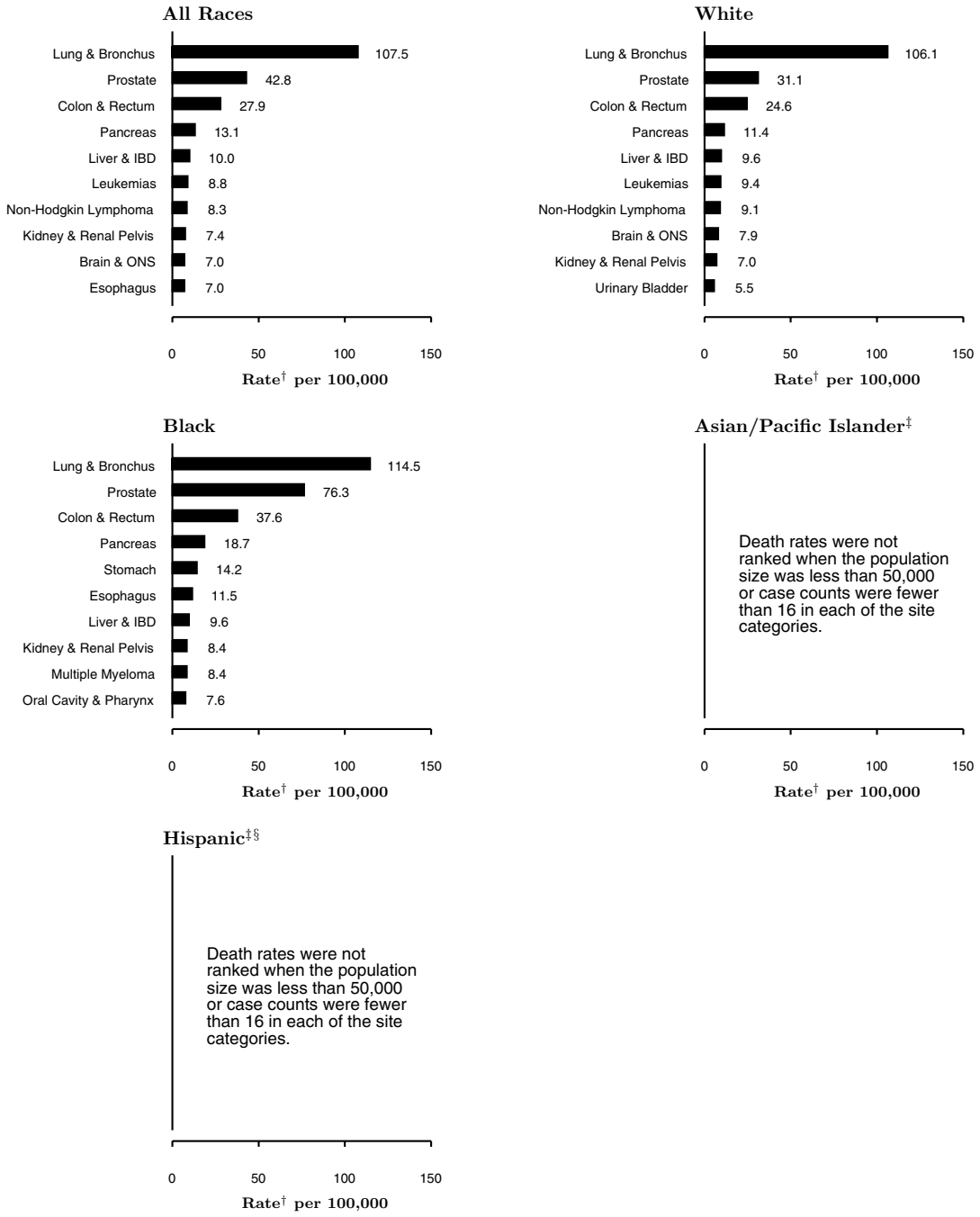


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.31.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Mississippi,* Males, 2001

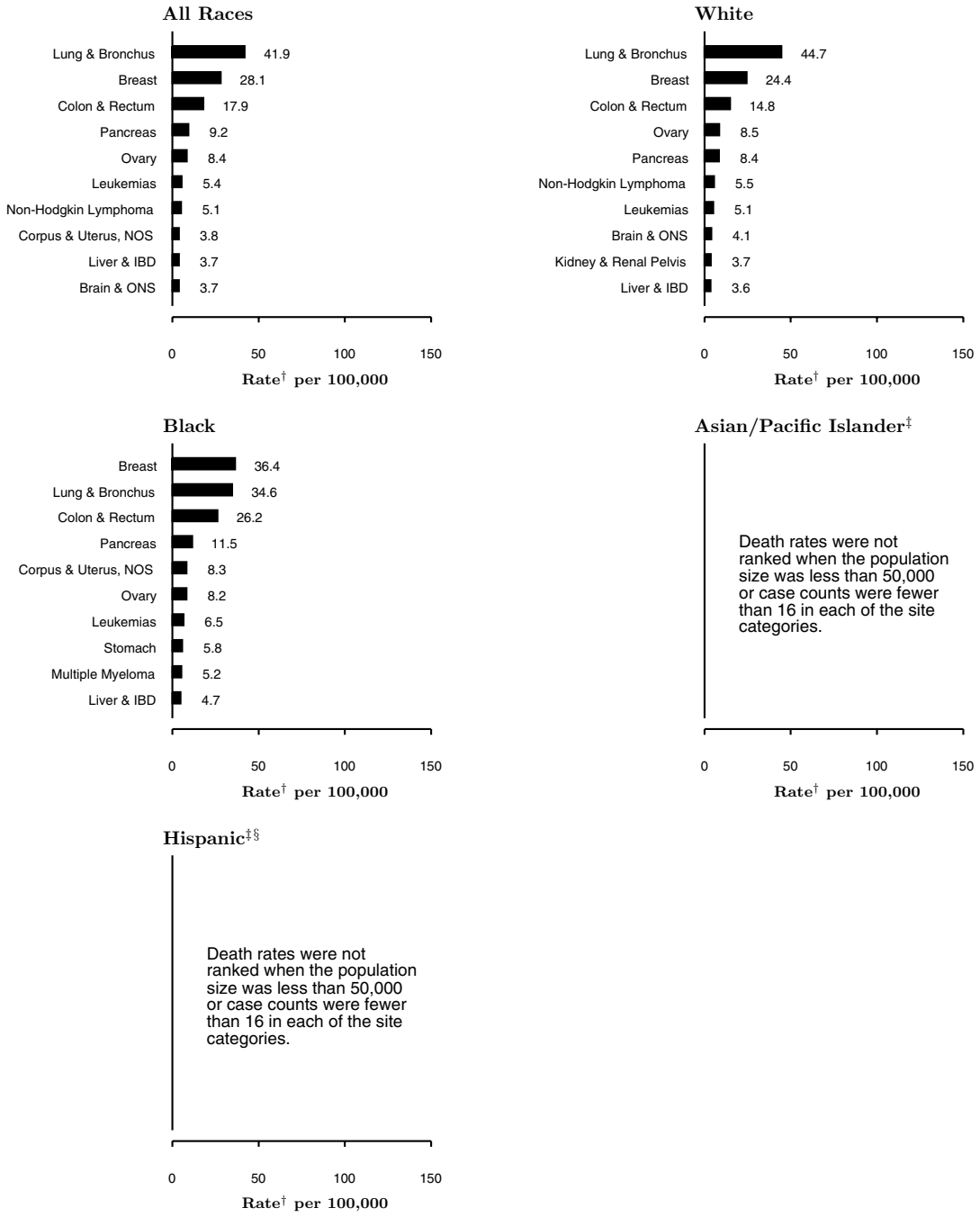


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.31.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

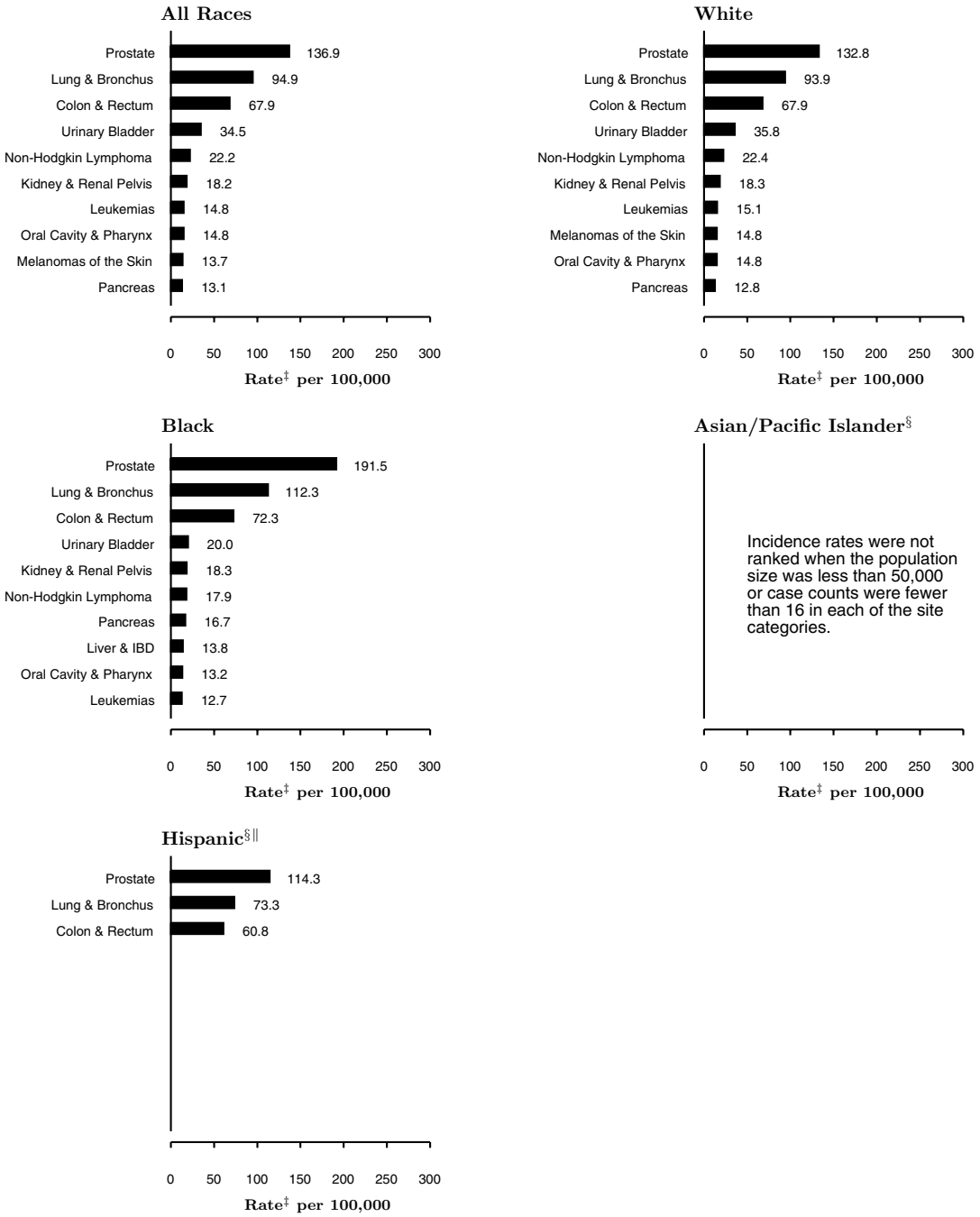
Mississippi,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.32.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Missouri,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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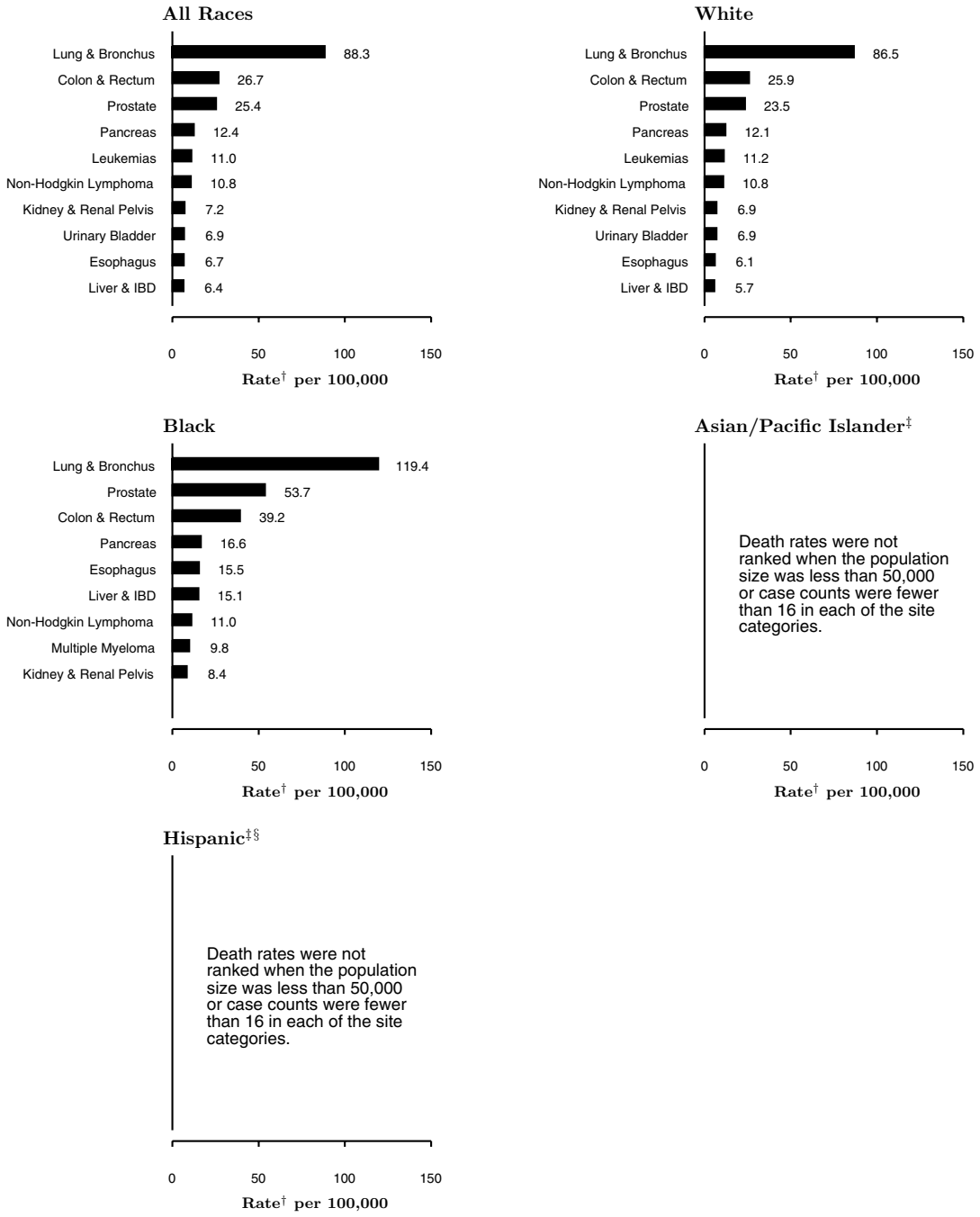
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.32.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Missouri,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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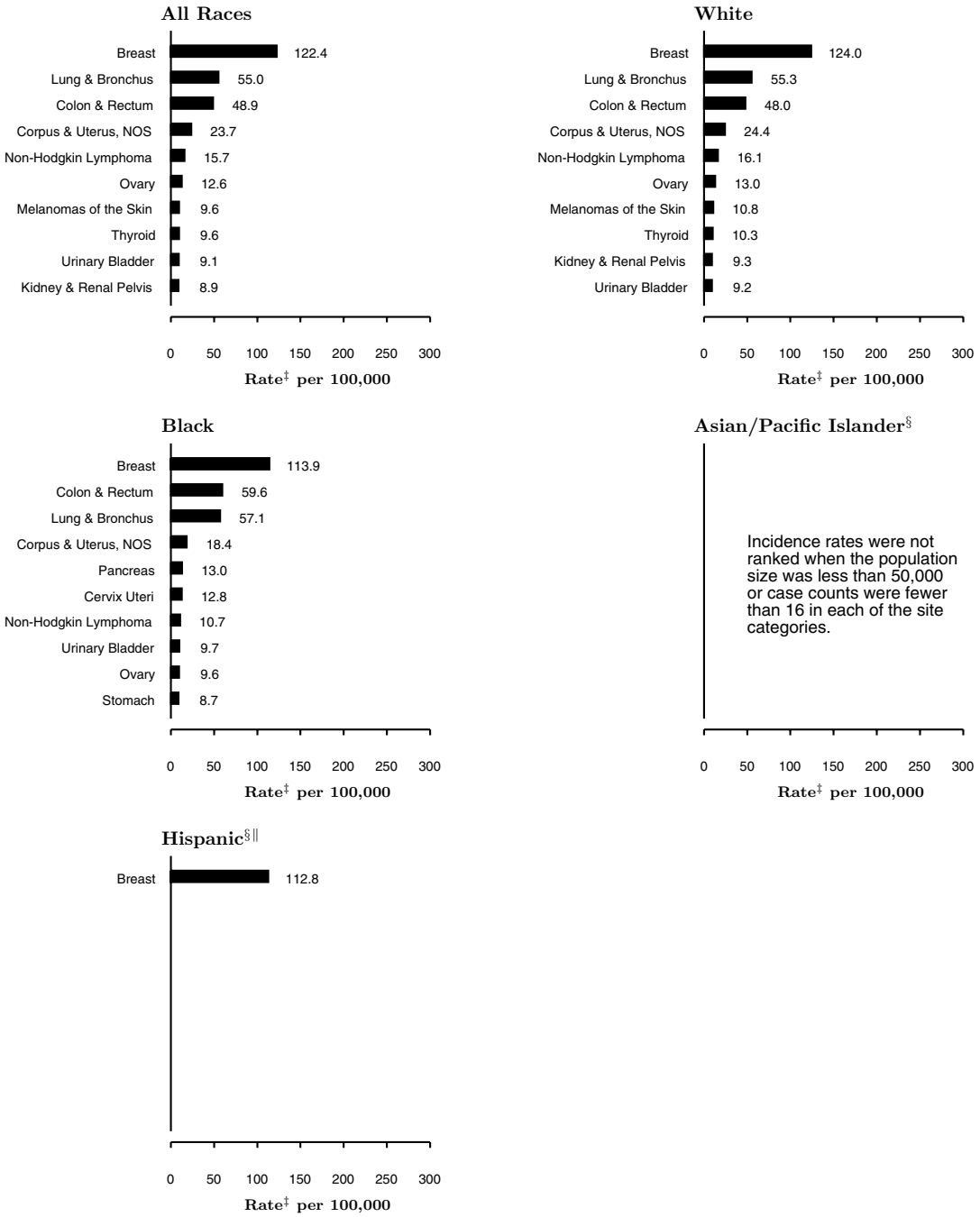
Figure 3.32.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Missouri,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

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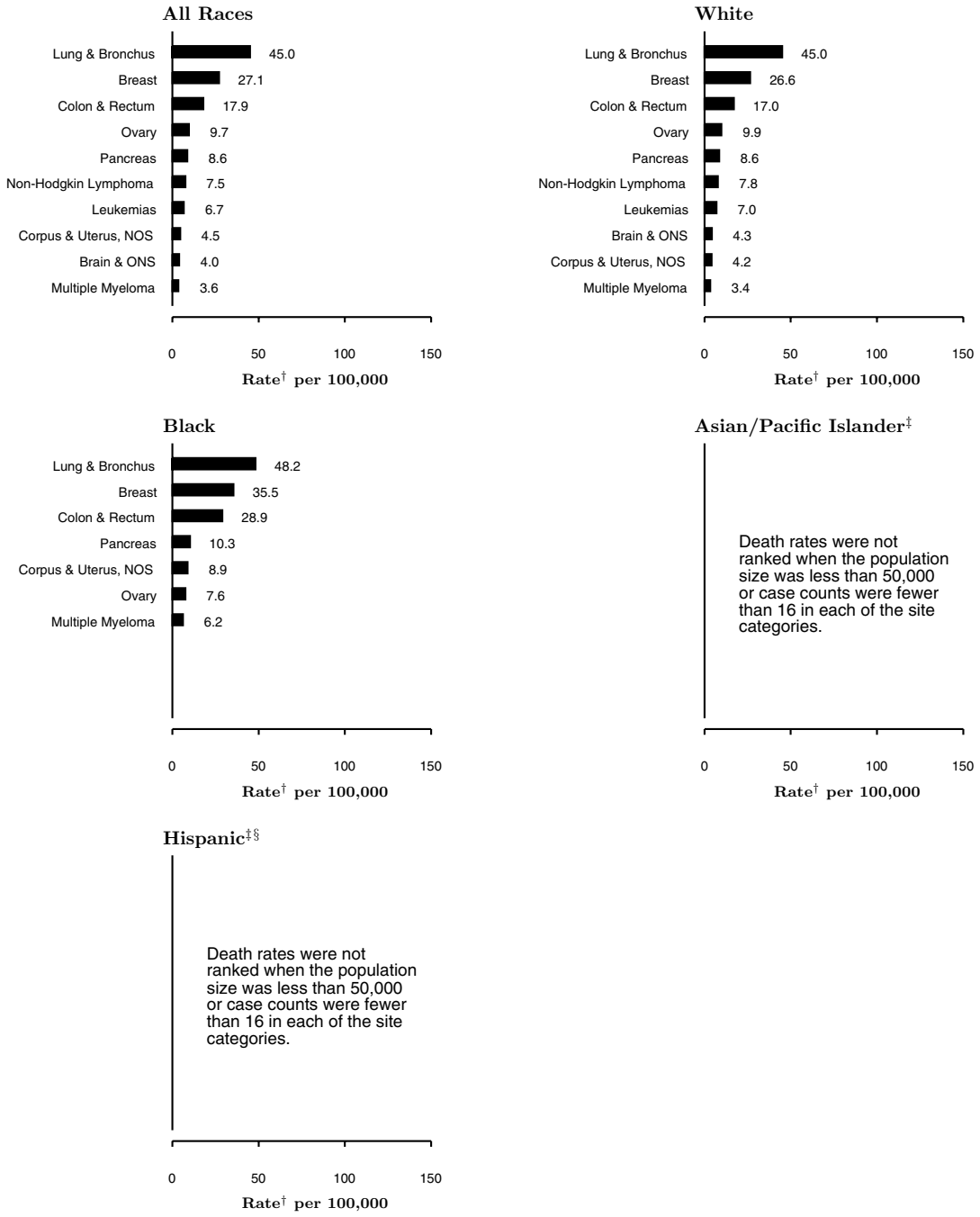
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.32.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Missouri,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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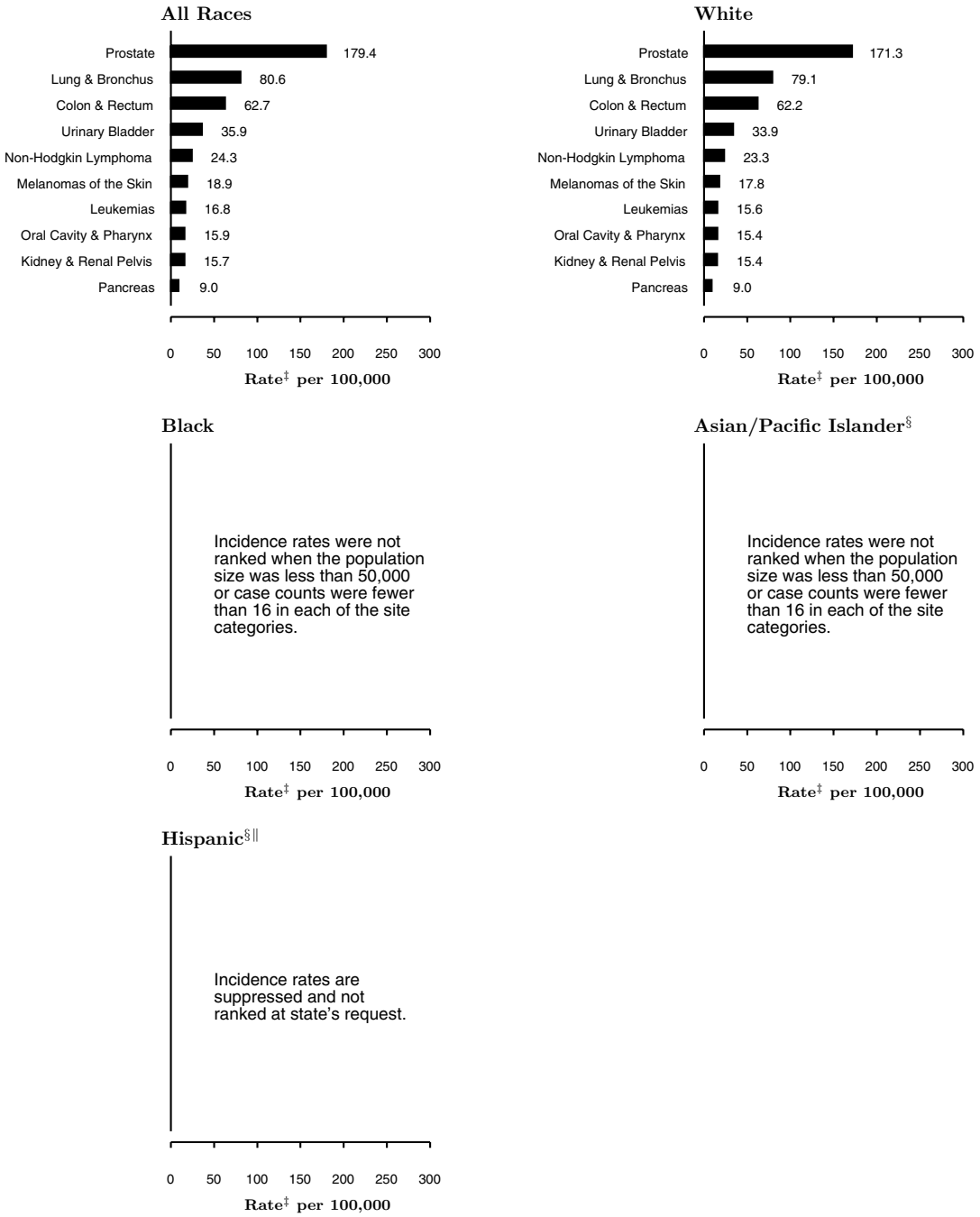
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.33.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Montana,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

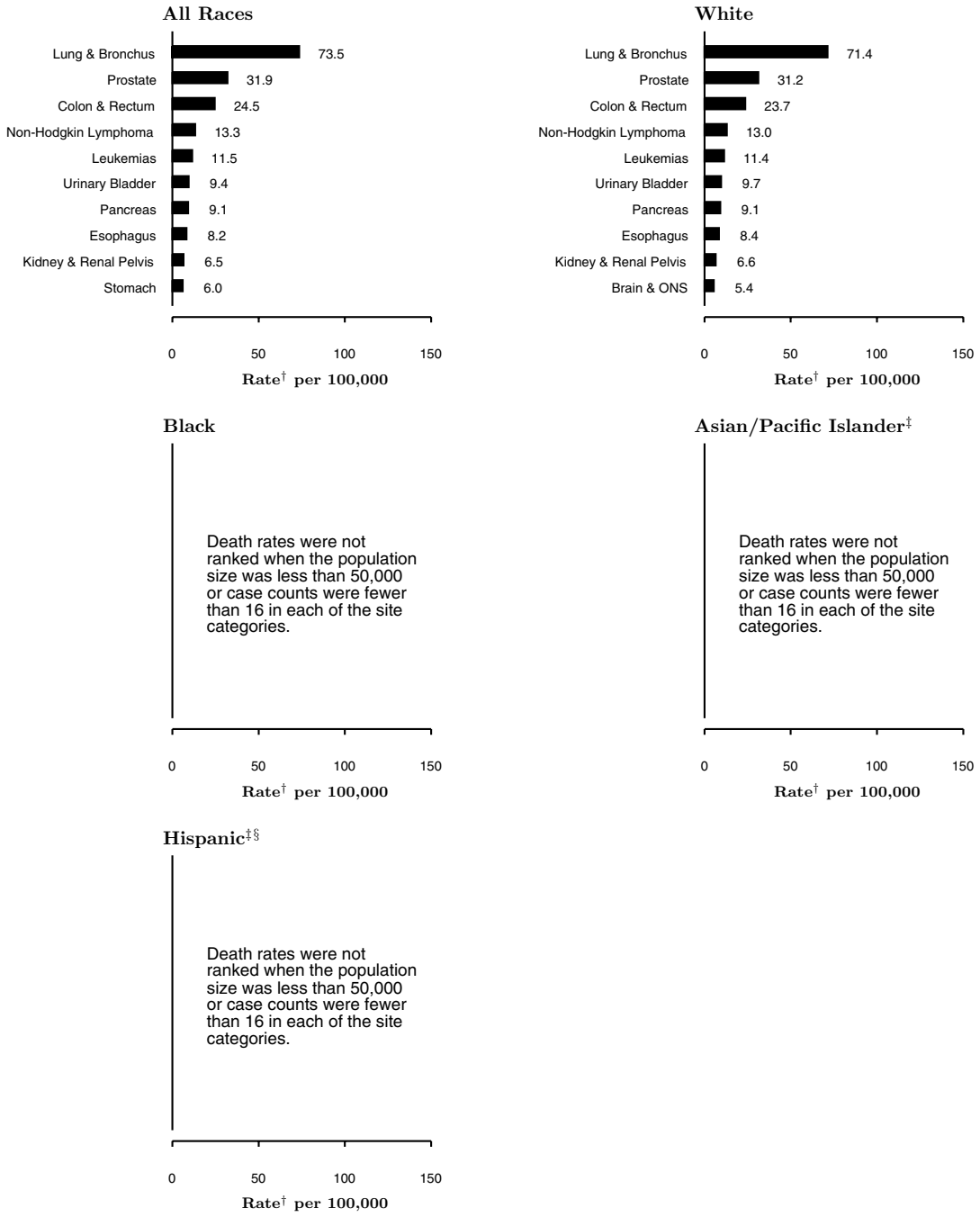
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.33.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Montana,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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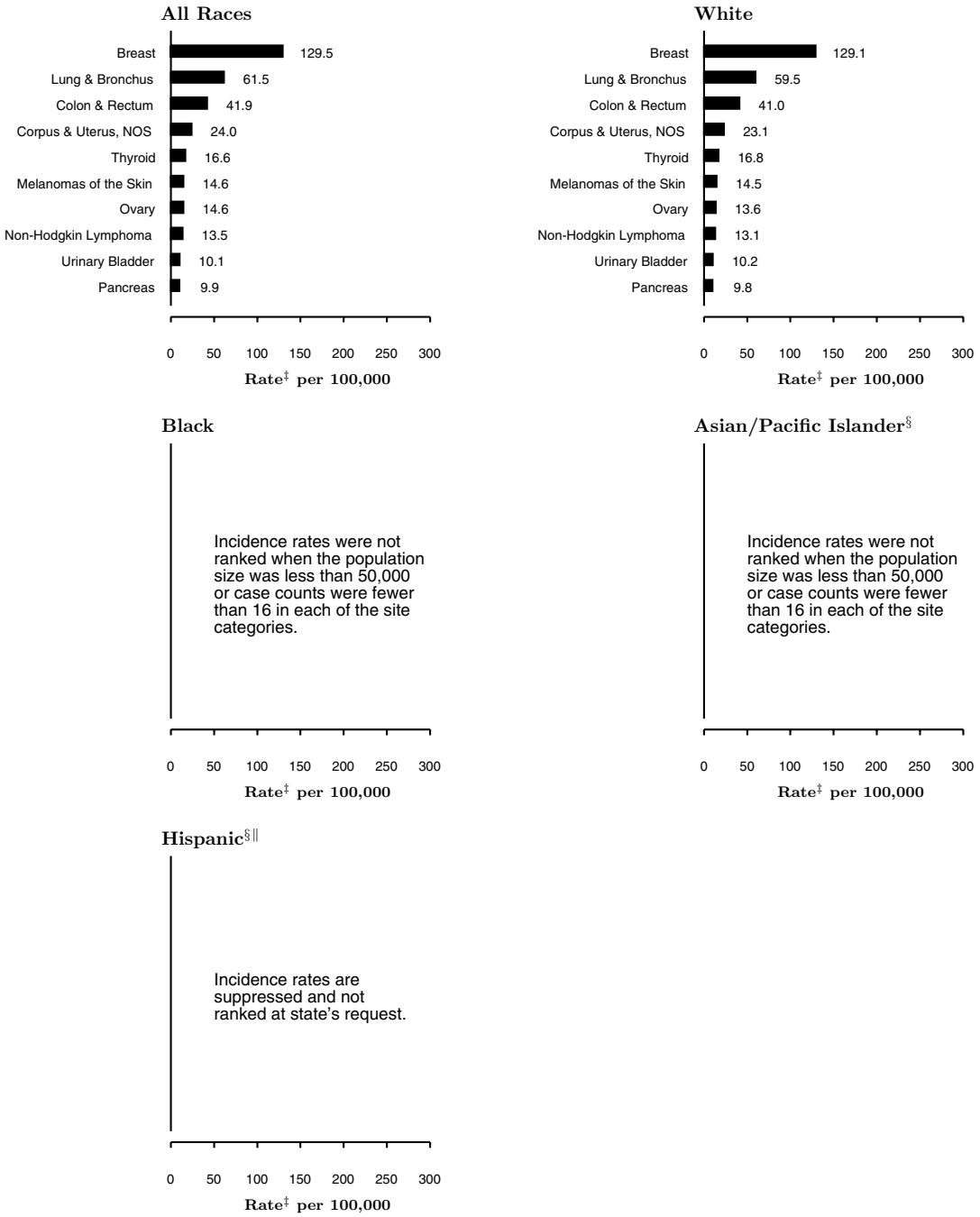
Figure 3.33.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Montana,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

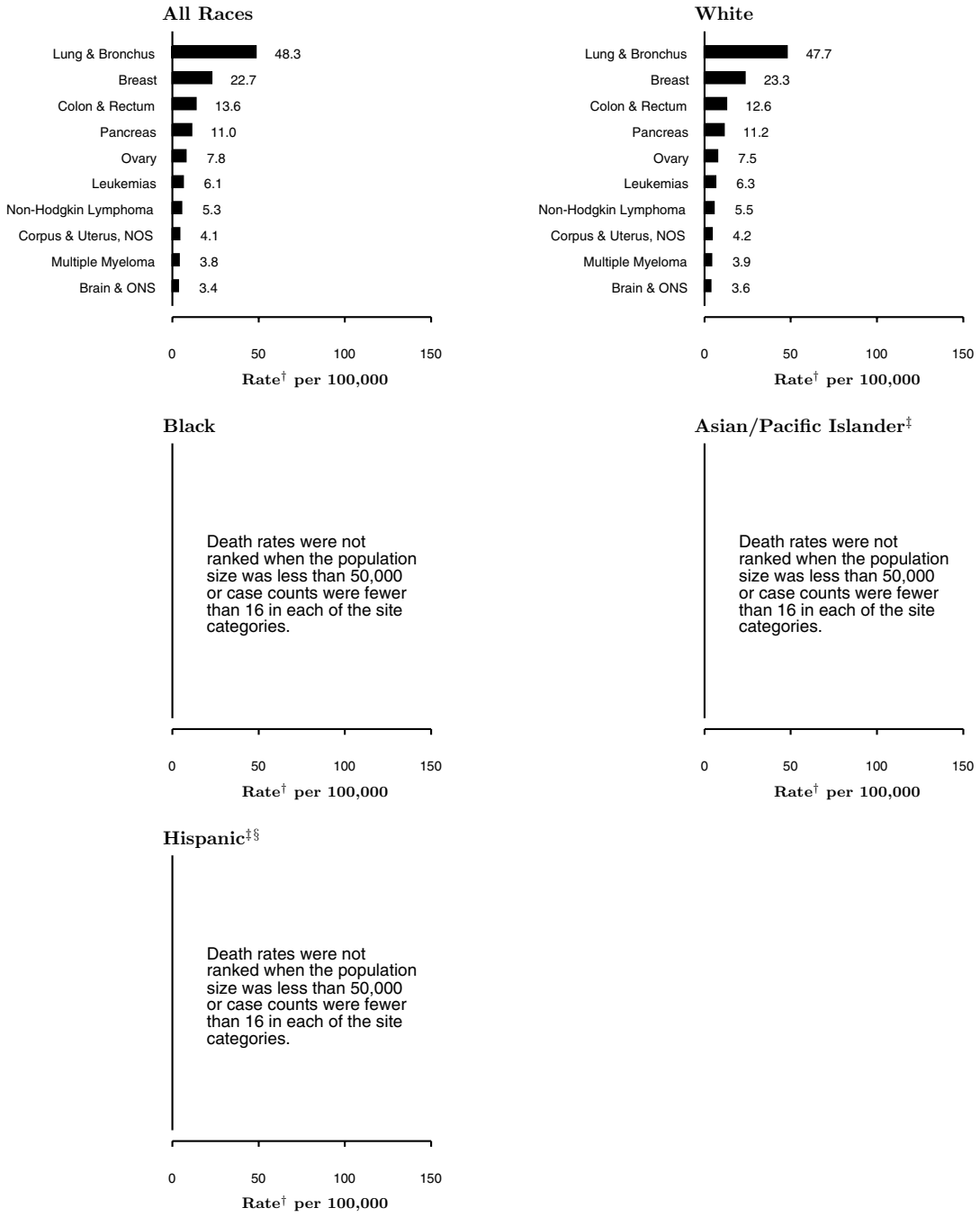
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.33.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

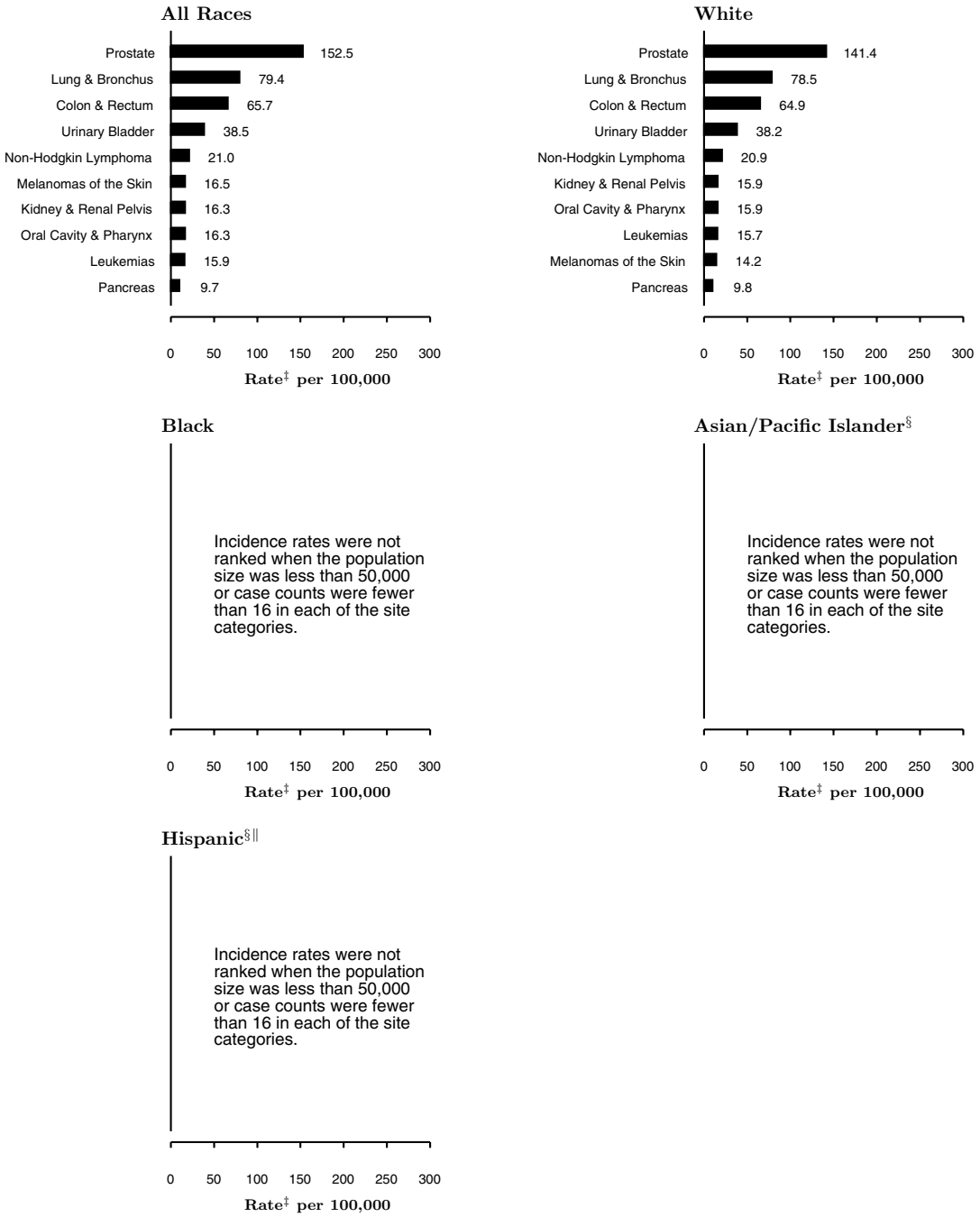
Montana,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.34.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Nebraska,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

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‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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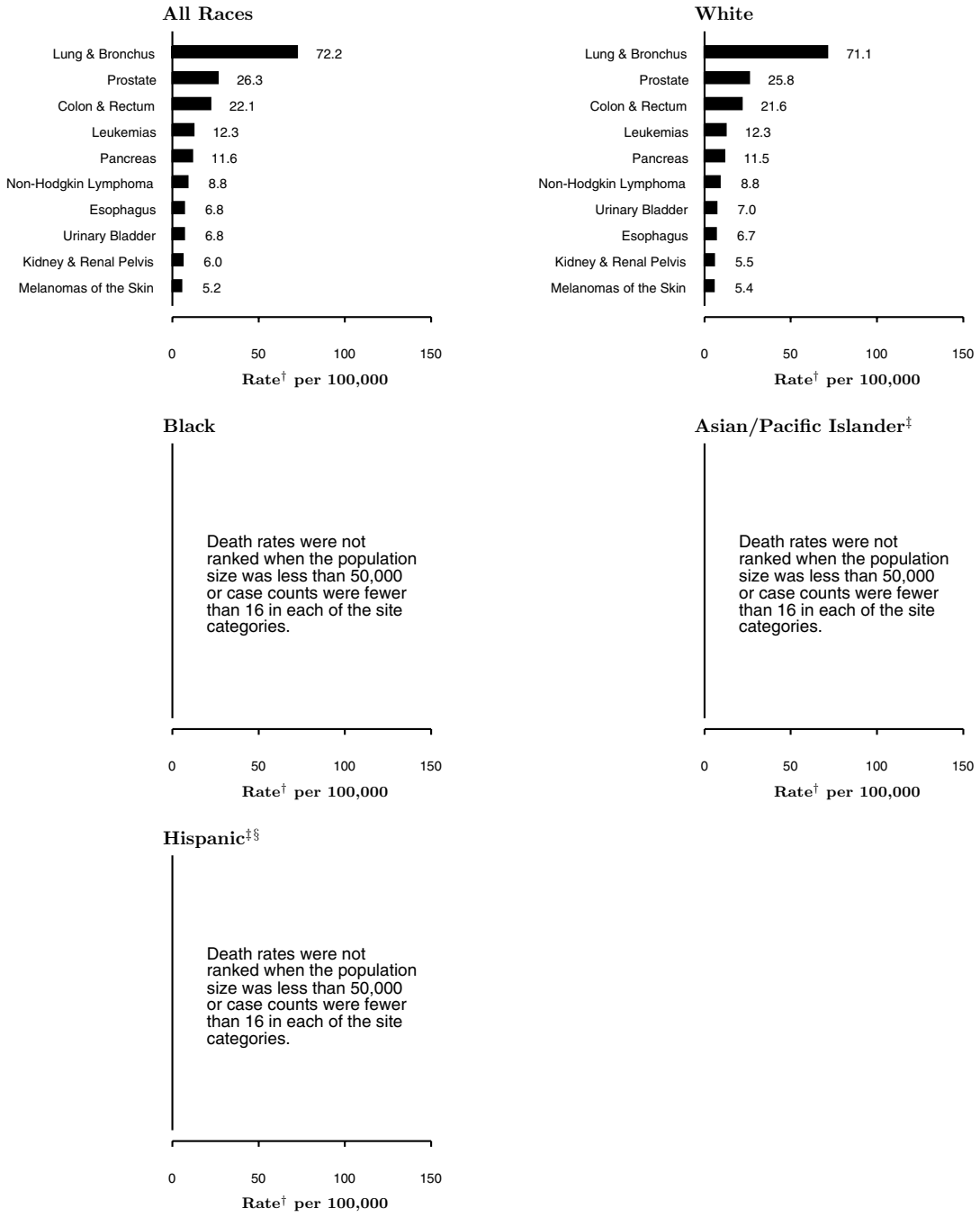
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.34.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Nebraska,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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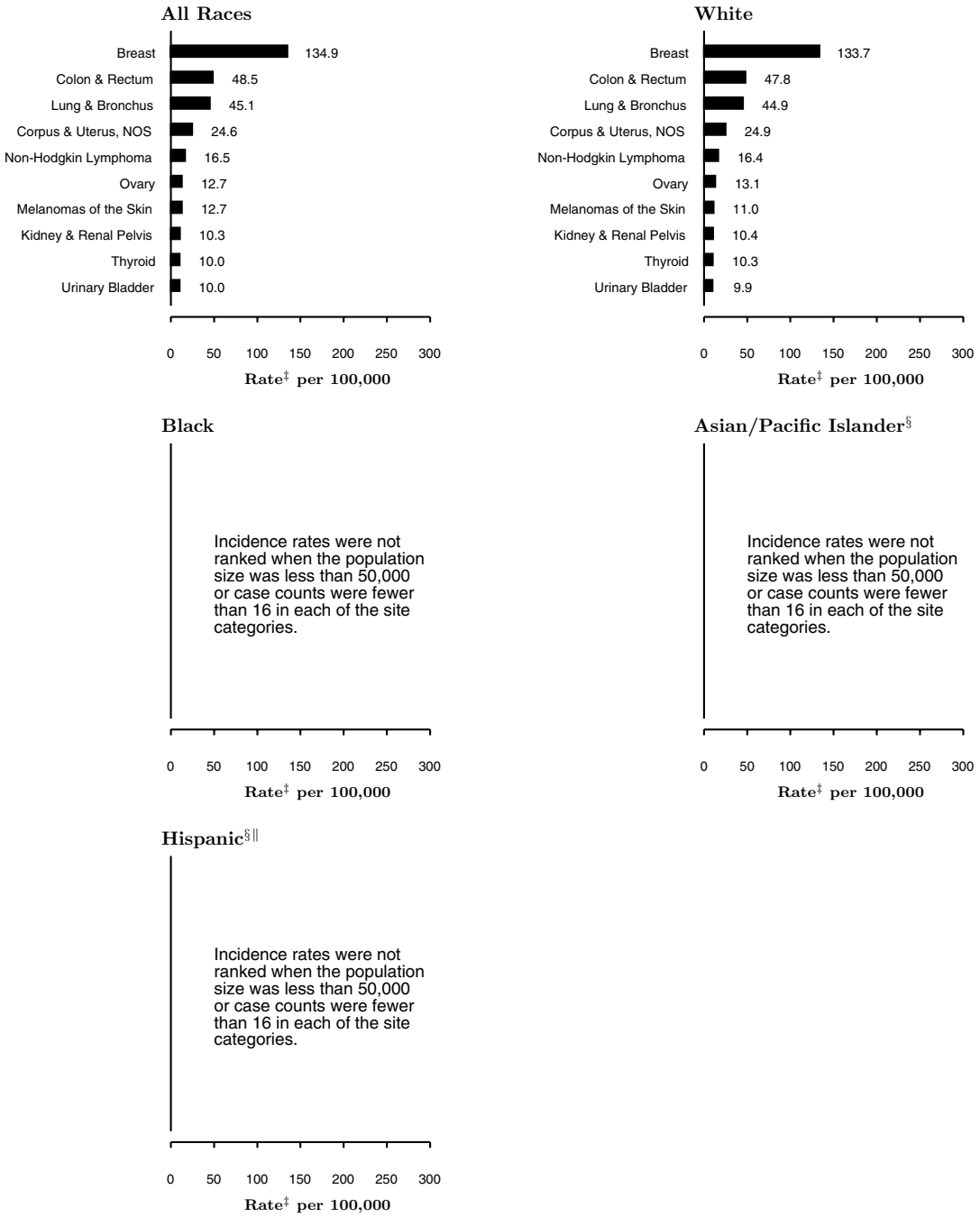
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.34.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Nebraska,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

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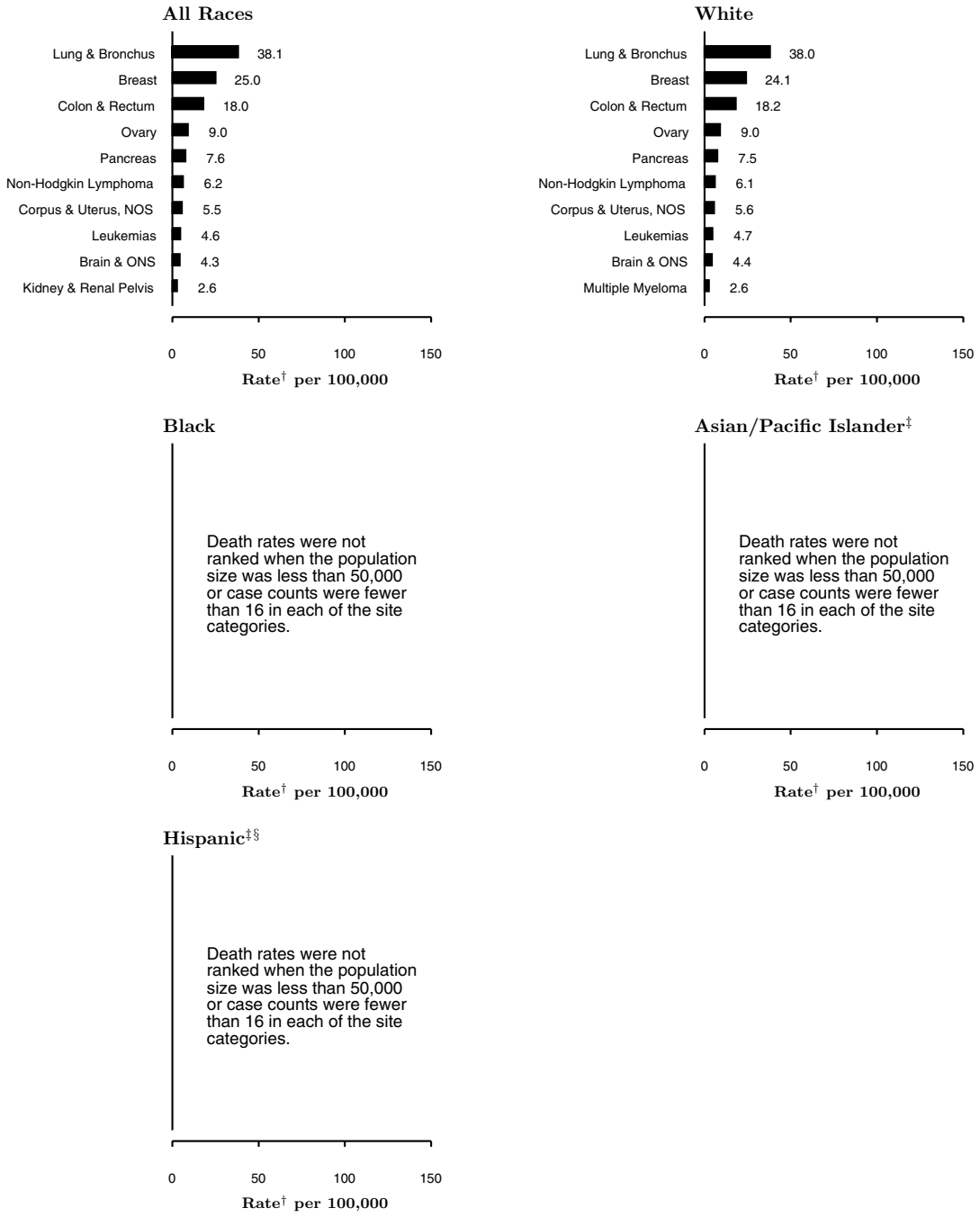
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.34.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

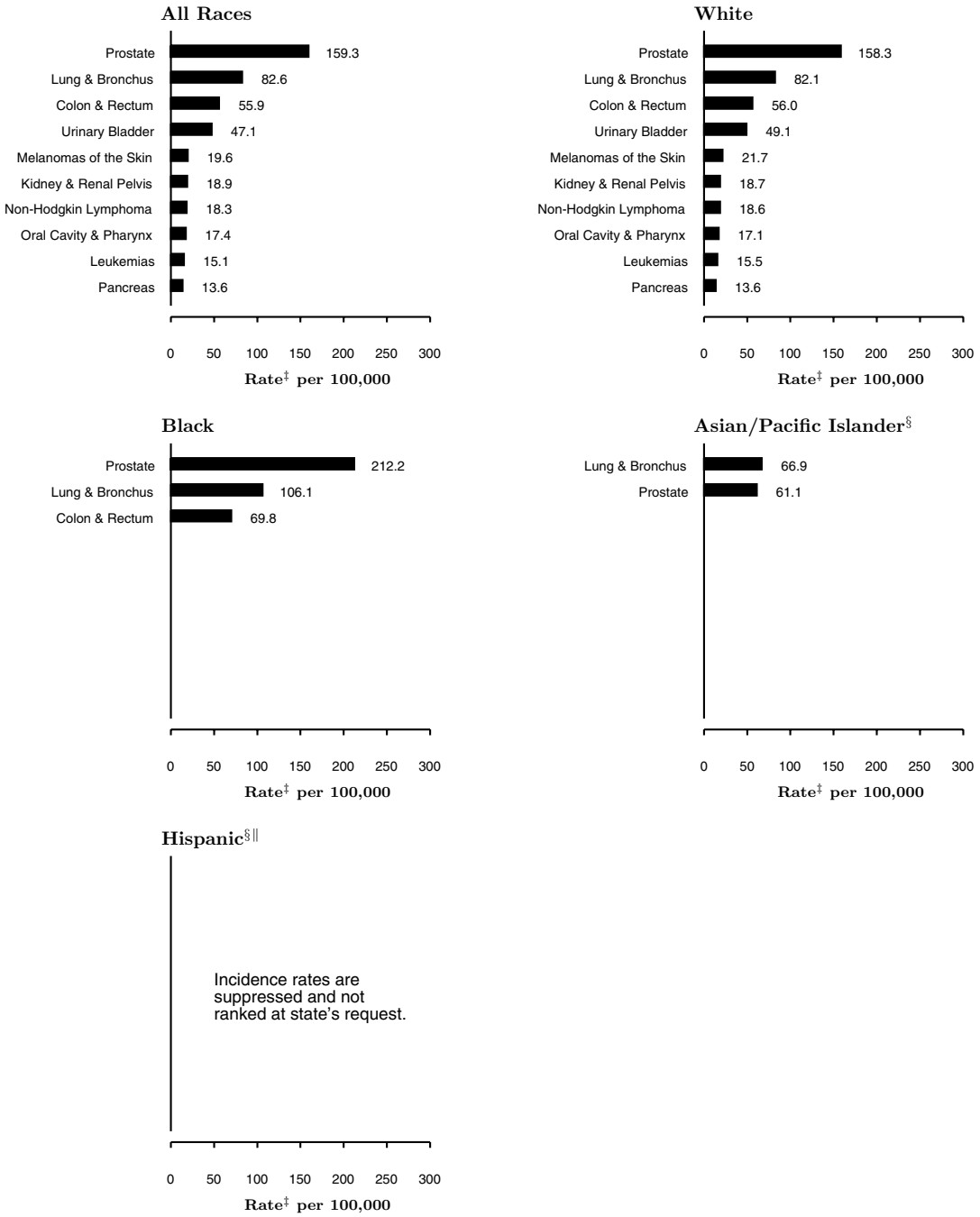
Nebraska,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.35.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Nevada,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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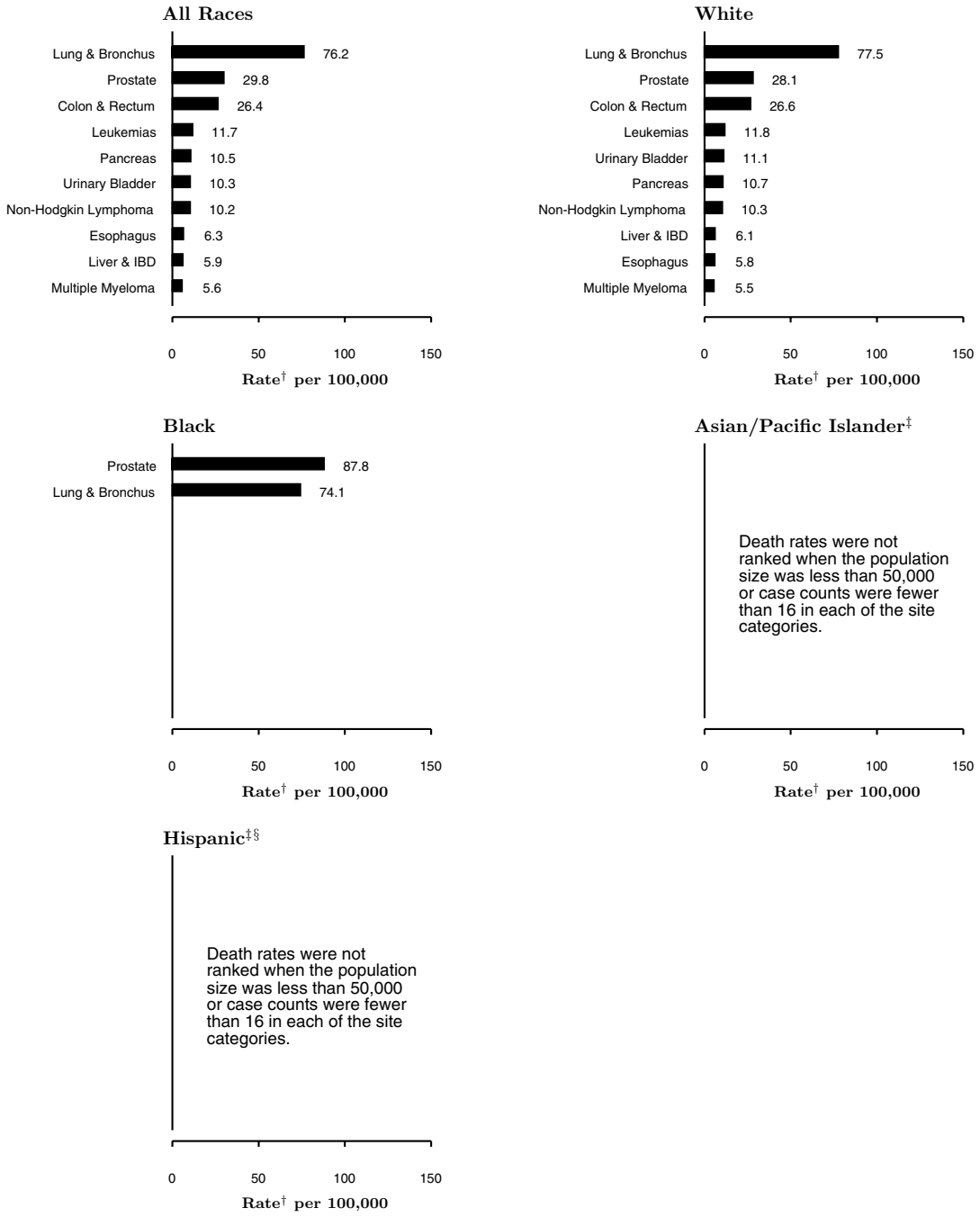
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.35.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

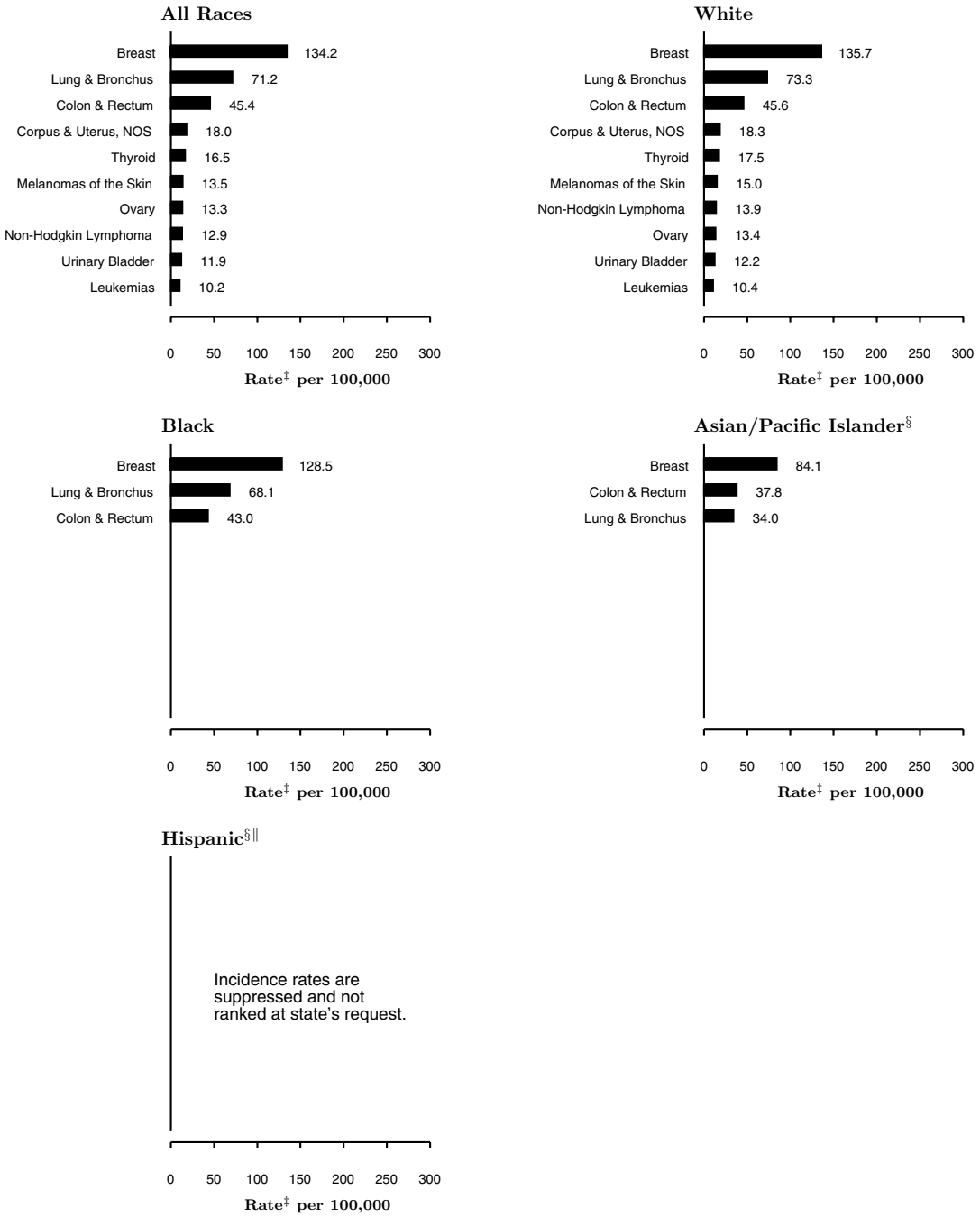
Nevada,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.35.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Nevada,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

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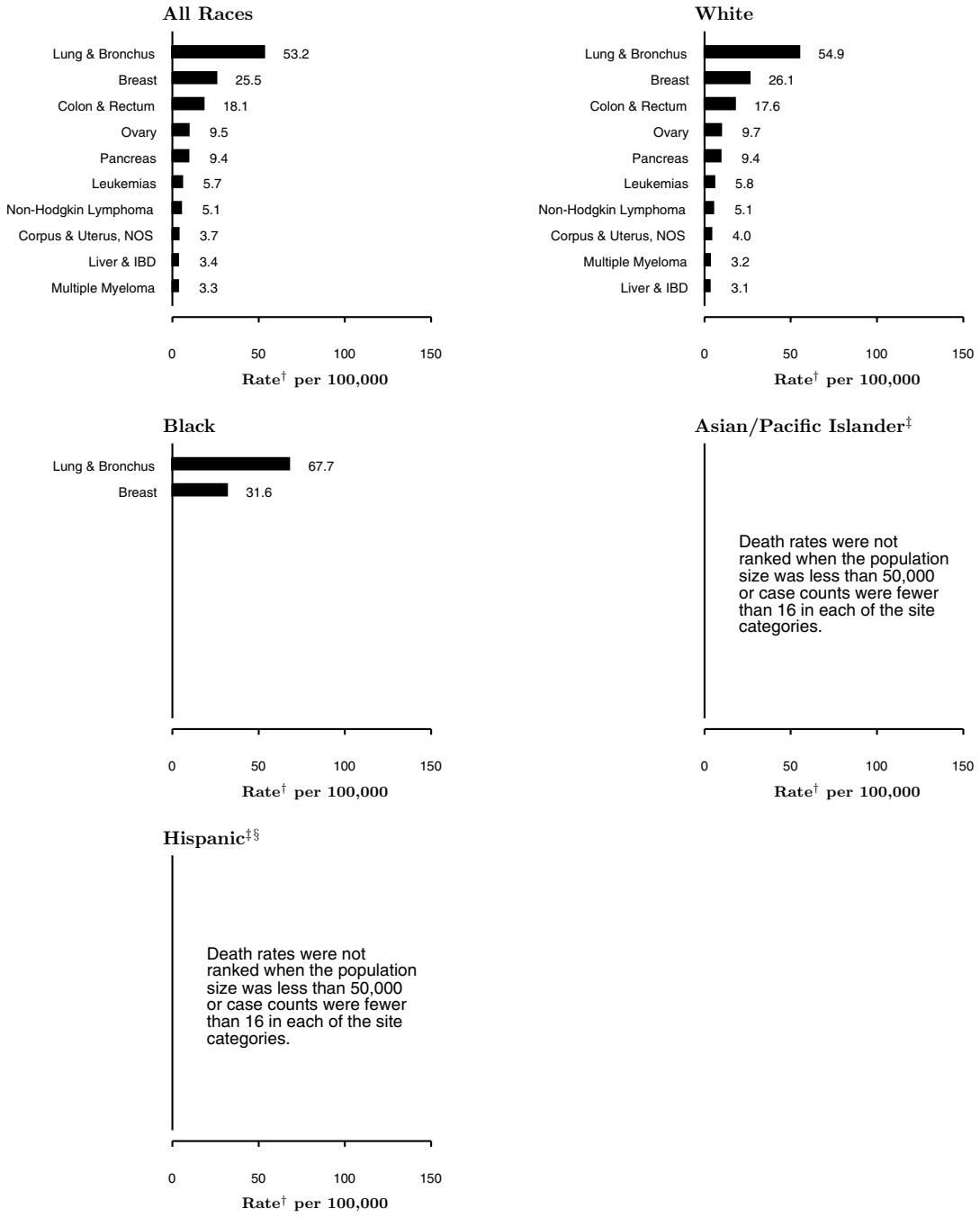
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.35.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Nevada,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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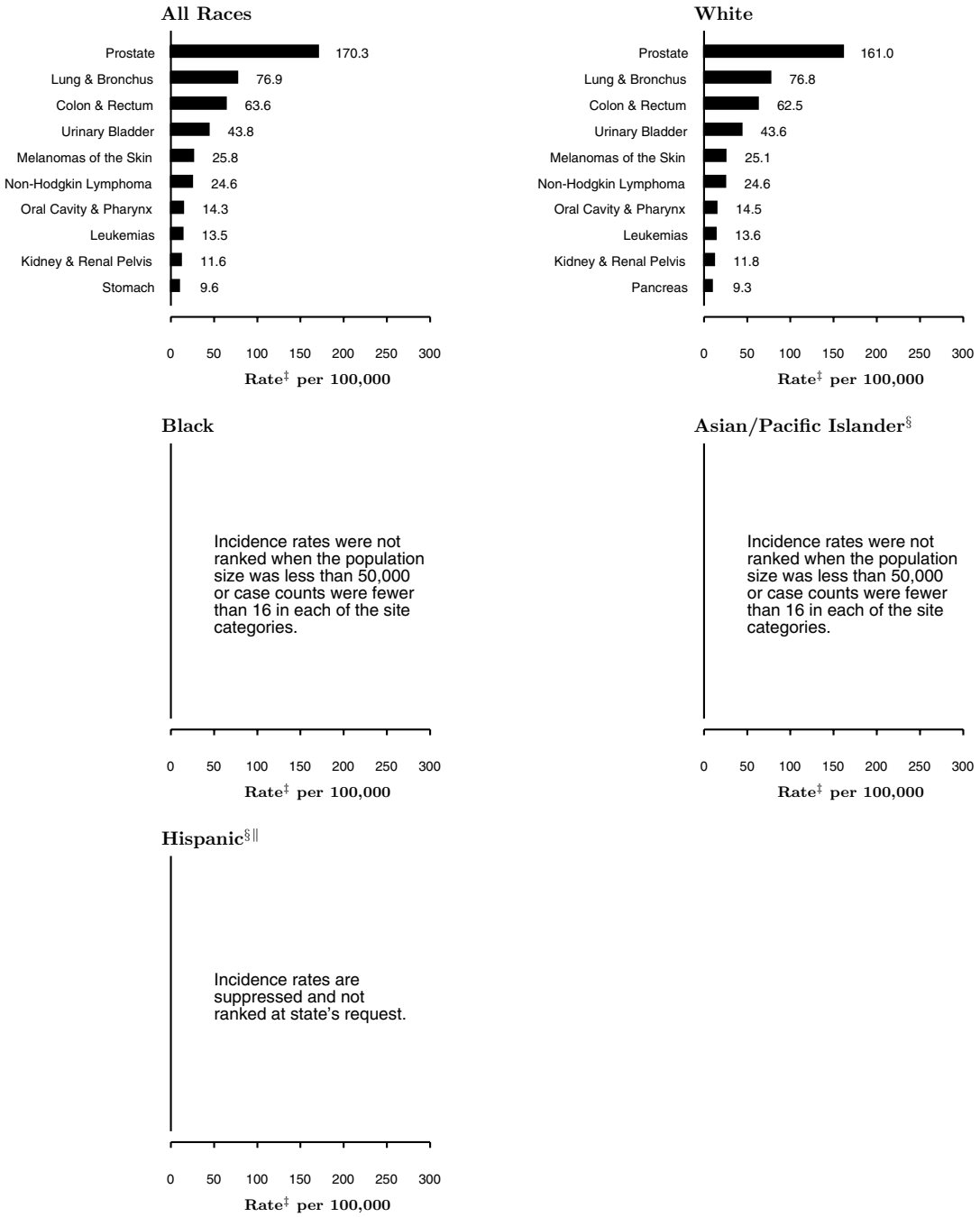
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.36.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New Hampshire,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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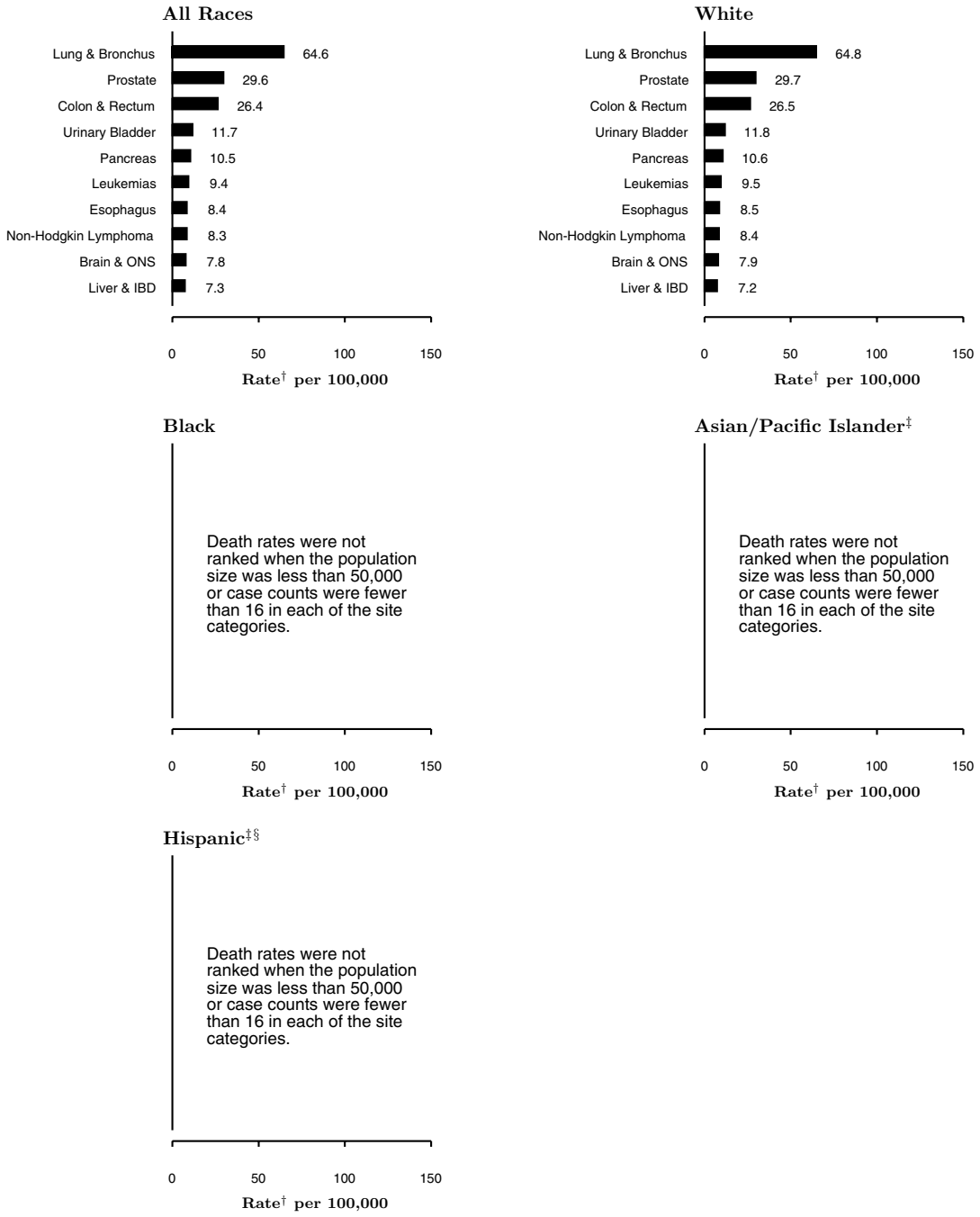
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.36.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New Hampshire,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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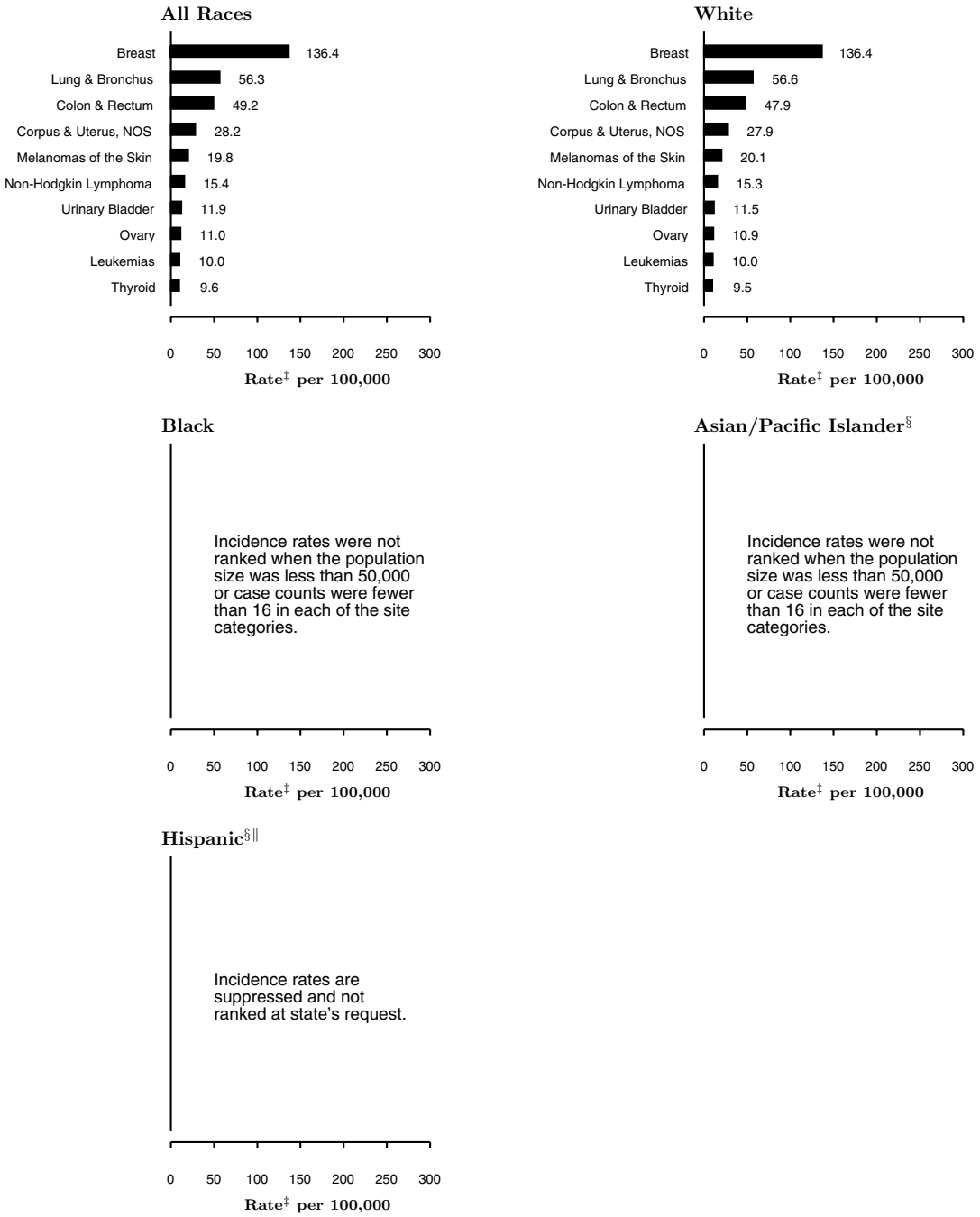
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.36.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New Hampshire,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

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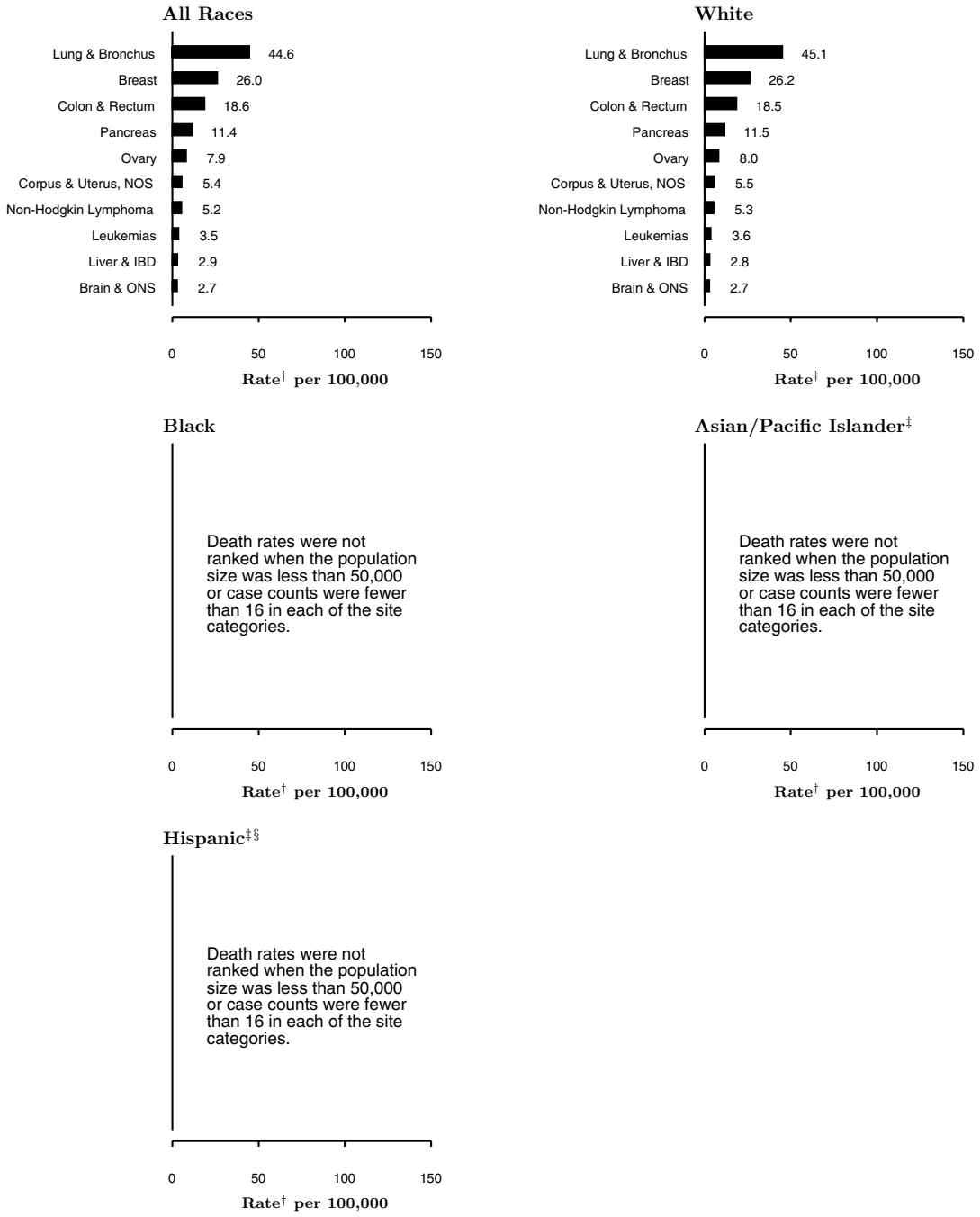
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.36.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New Hampshire,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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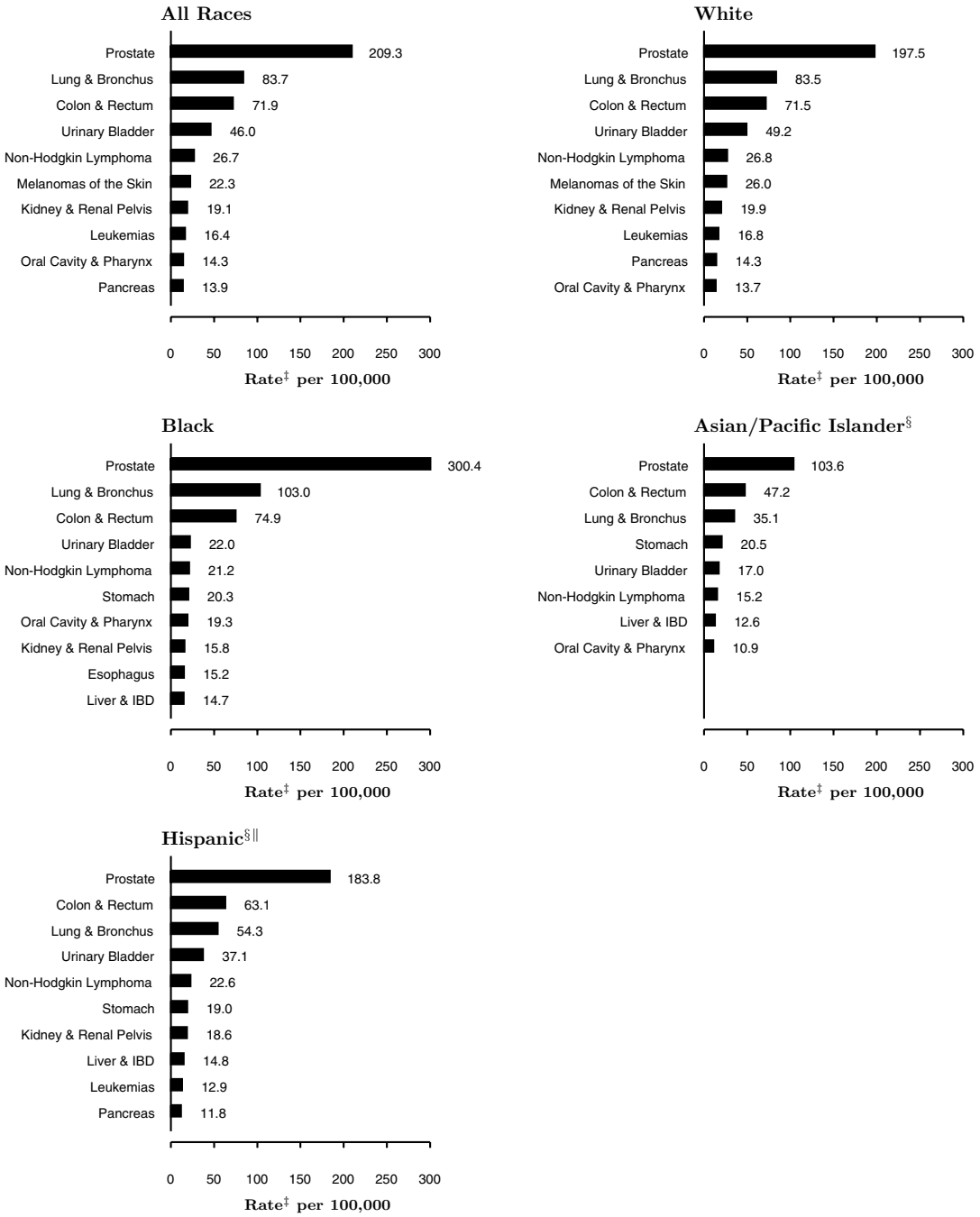
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.37.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New Jersey,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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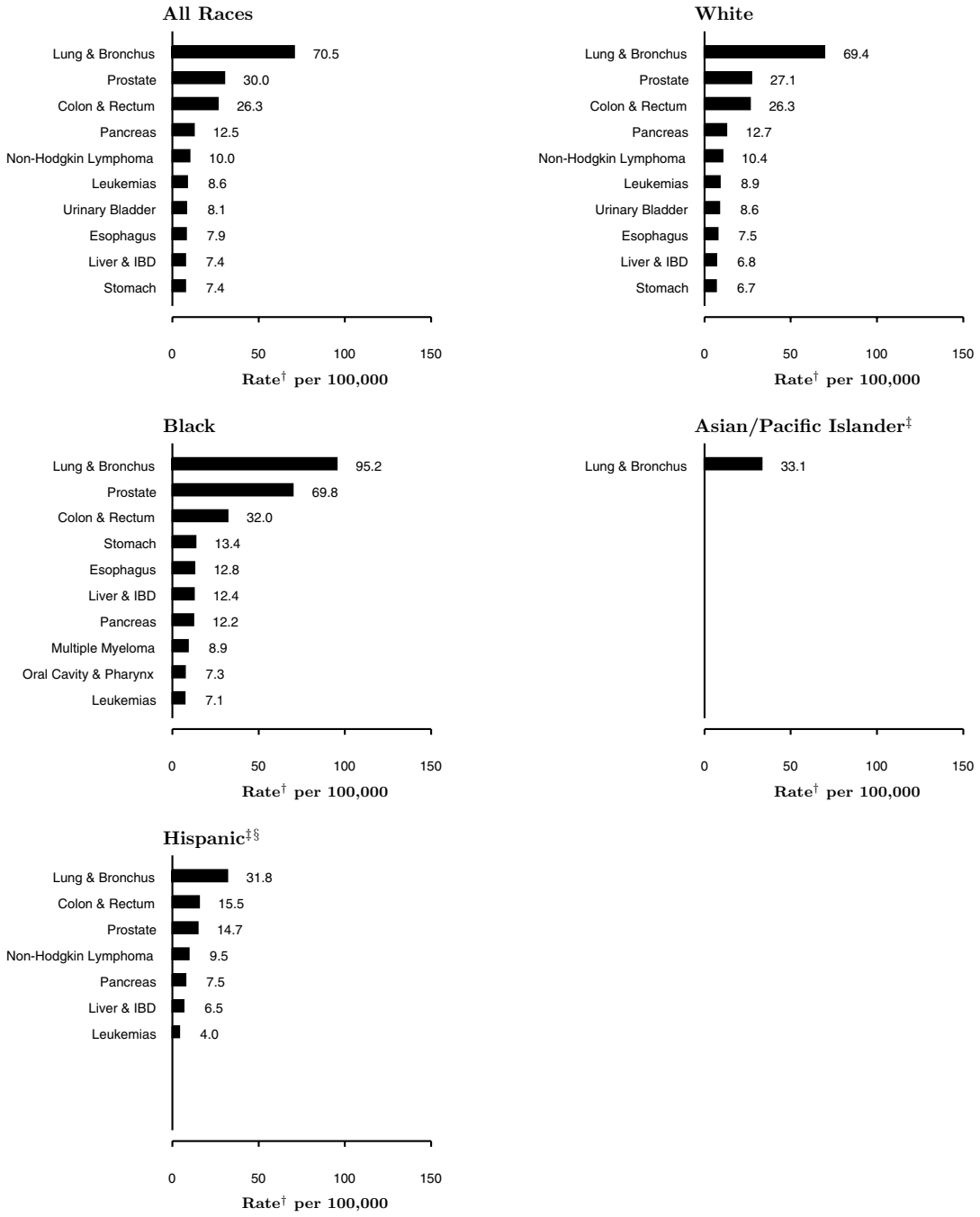
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.37.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New Jersey,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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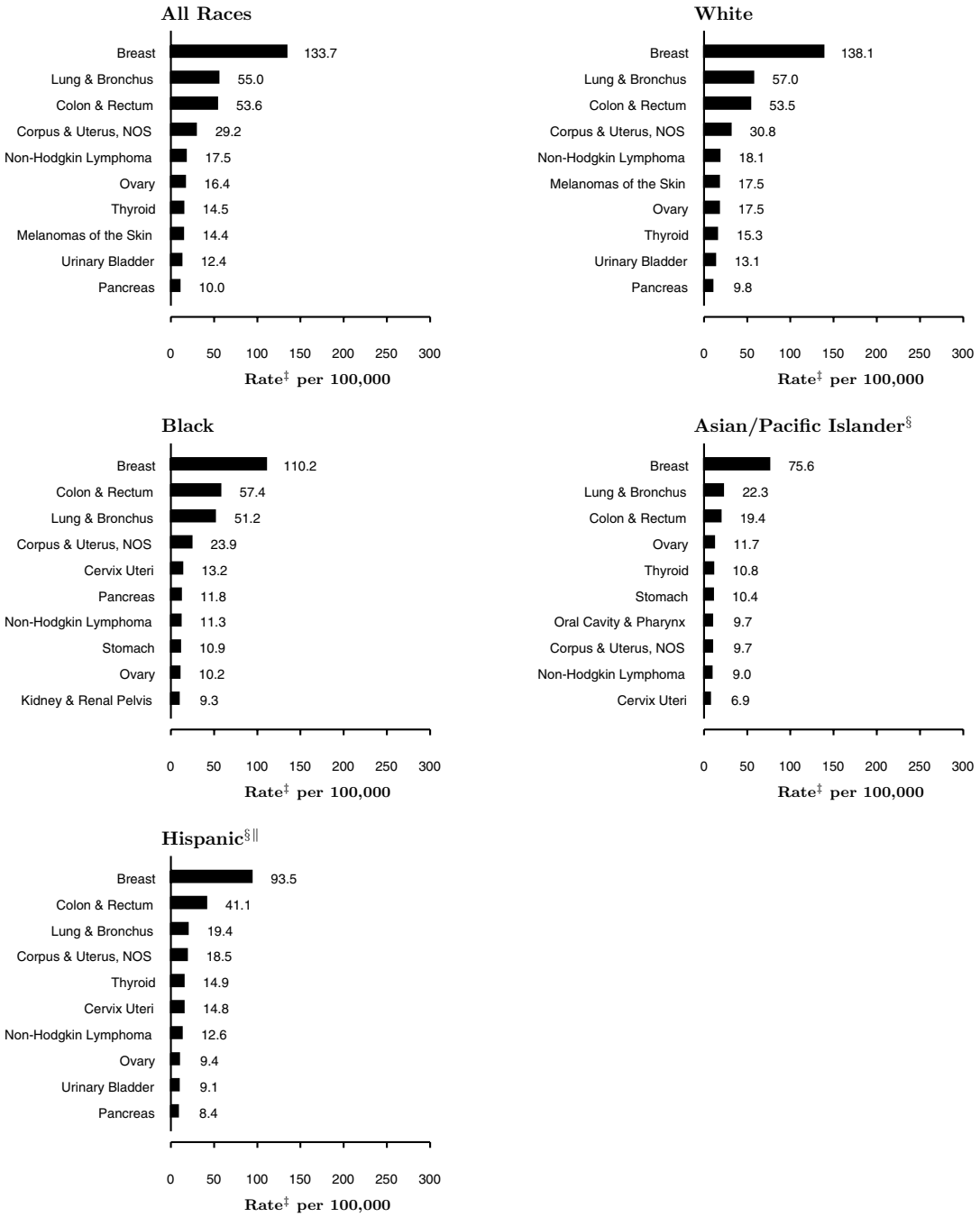
Figure 3.37.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New Jersey,*† Females, 2001



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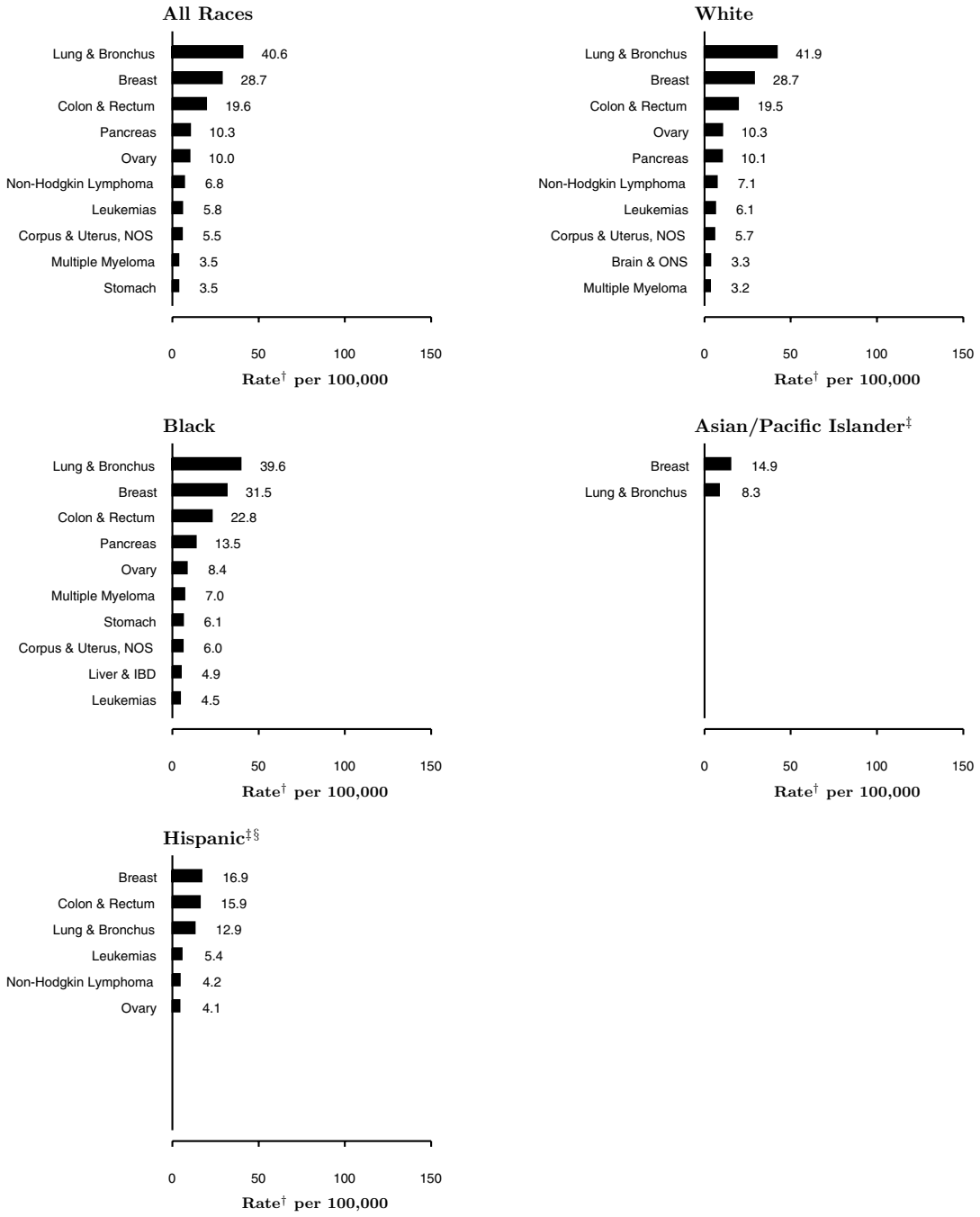
Urinary bladder cases include invasive and *in situ*.

Figure 3.37.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New Jersey,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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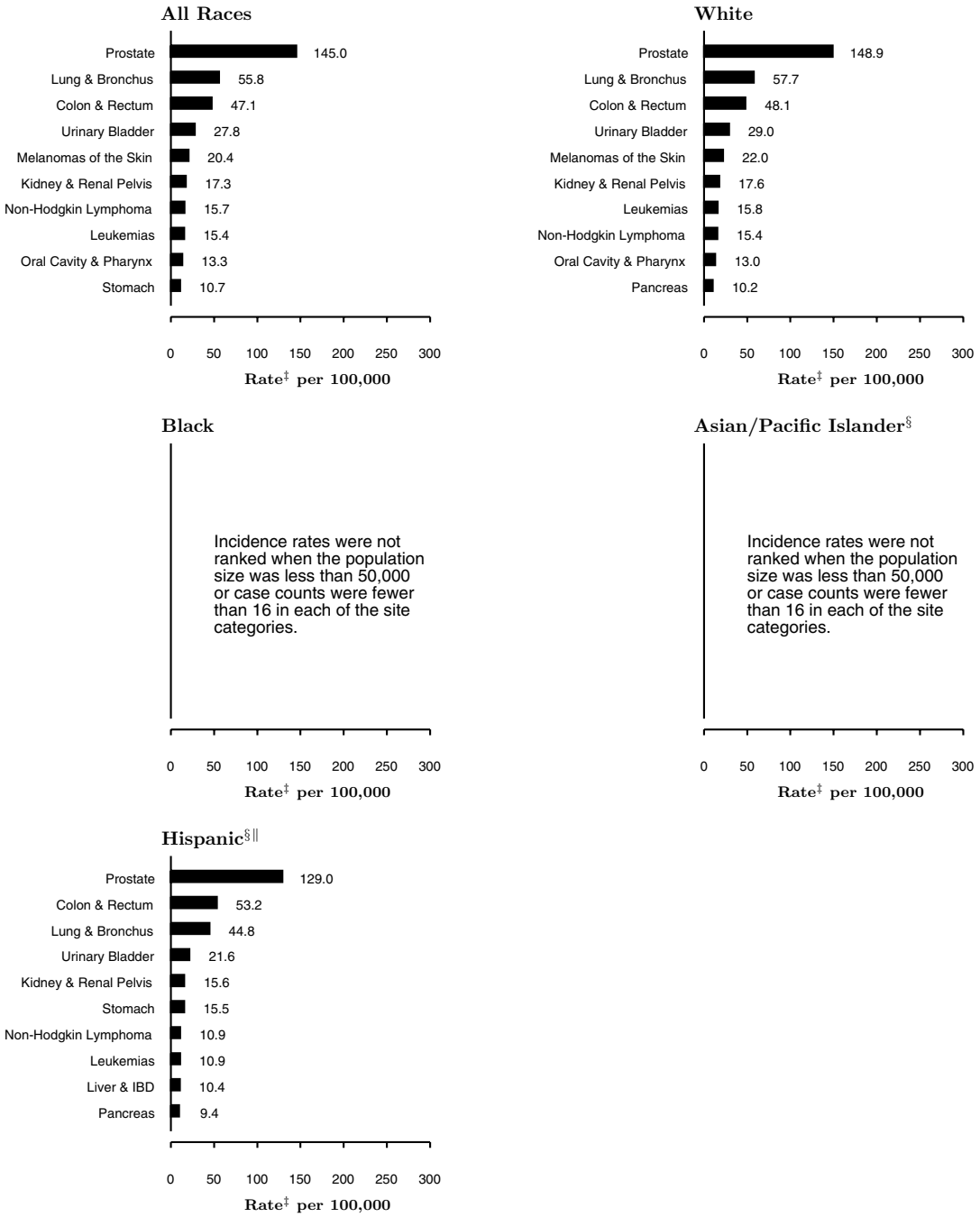
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.38.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New Mexico,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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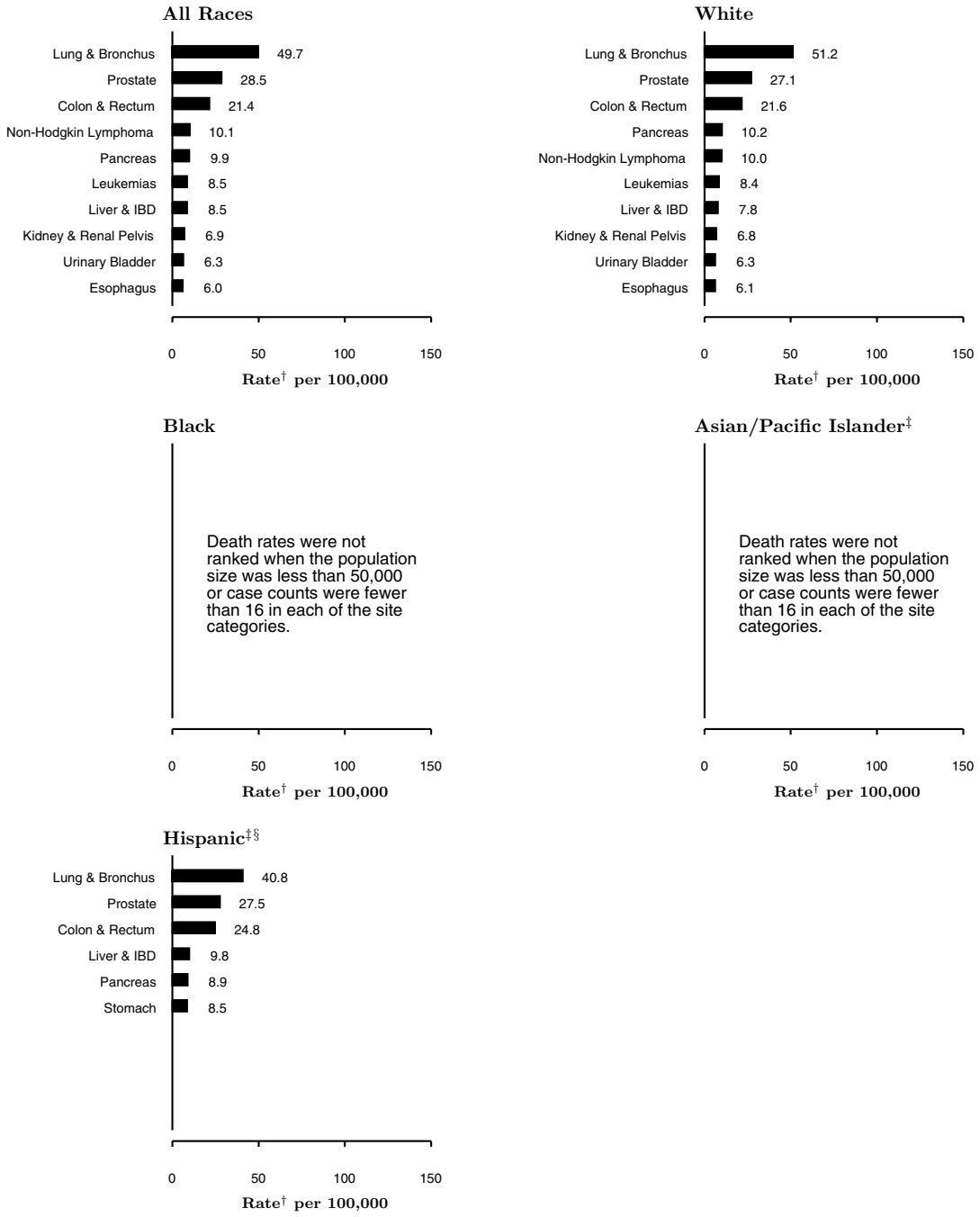
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.38.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New Mexico,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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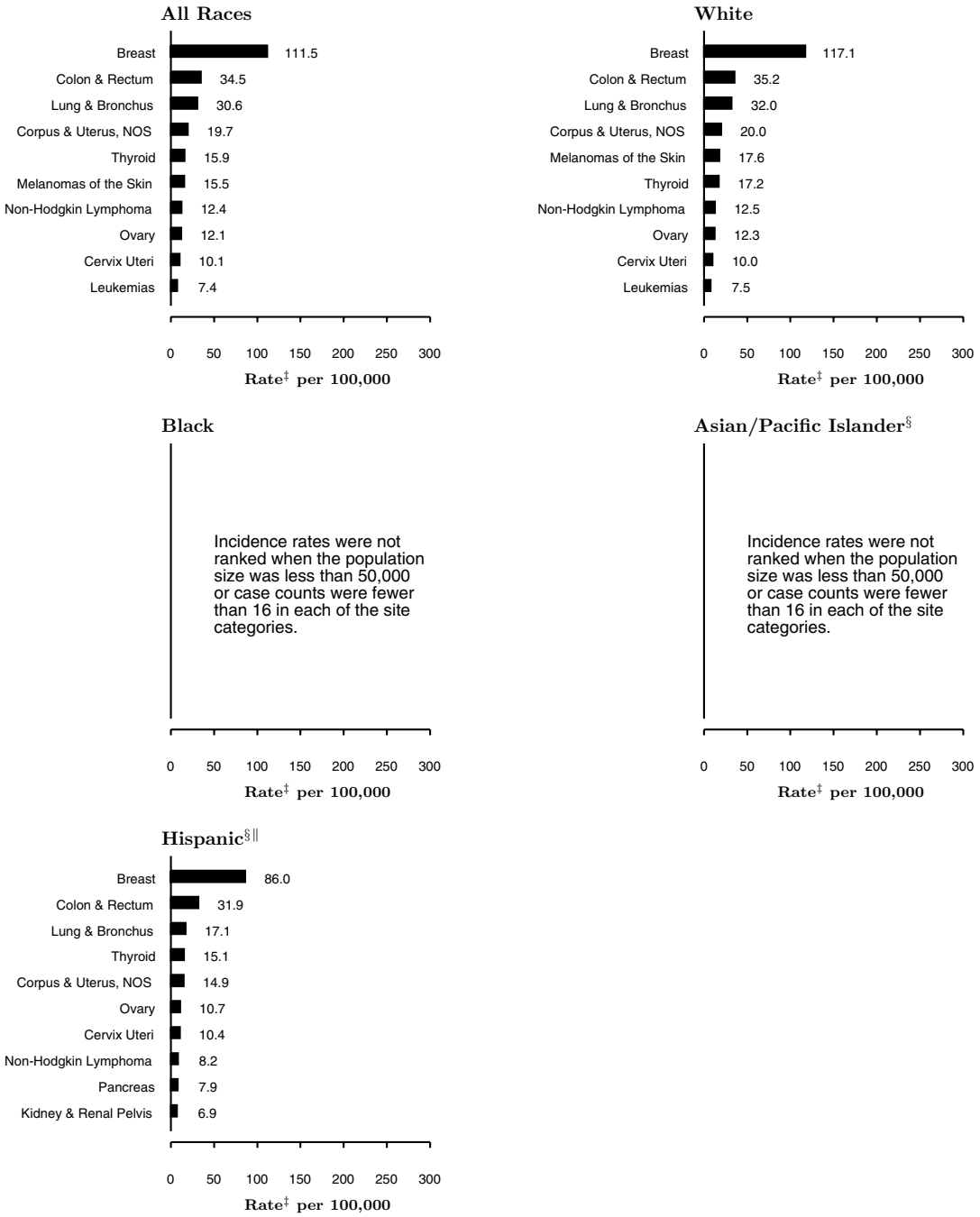
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.38.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New Mexico,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

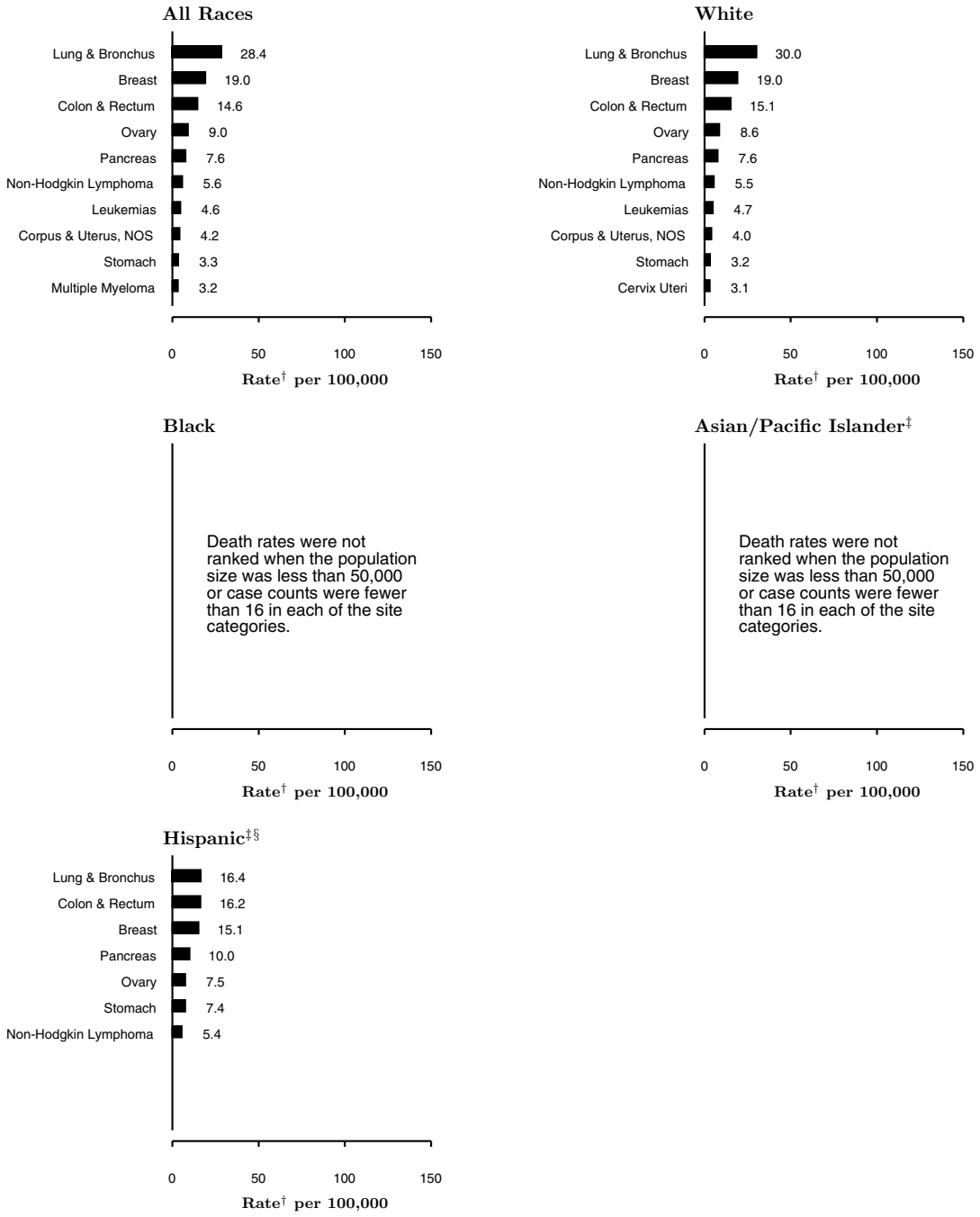
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.38.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

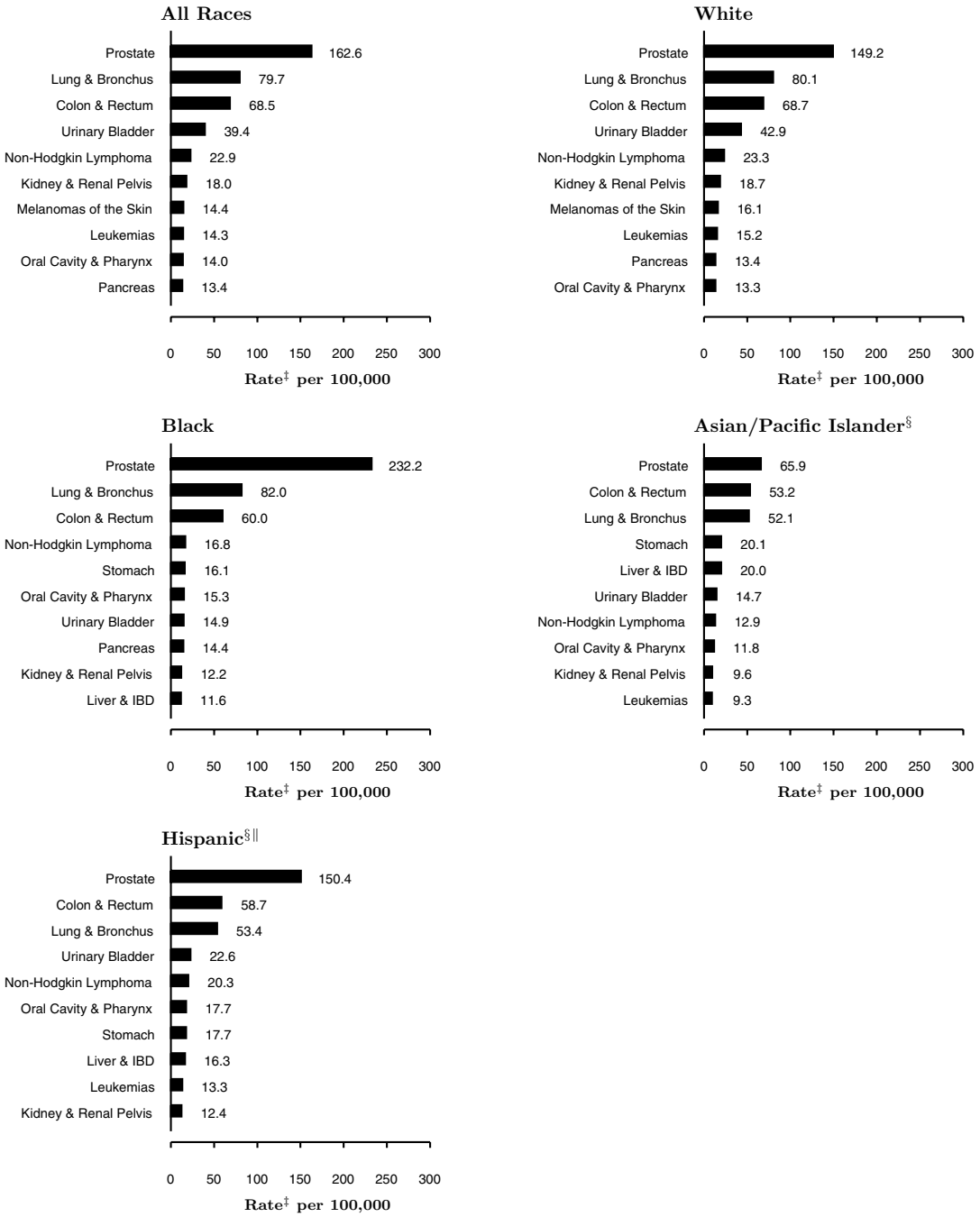
New Mexico,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.39.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New York,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

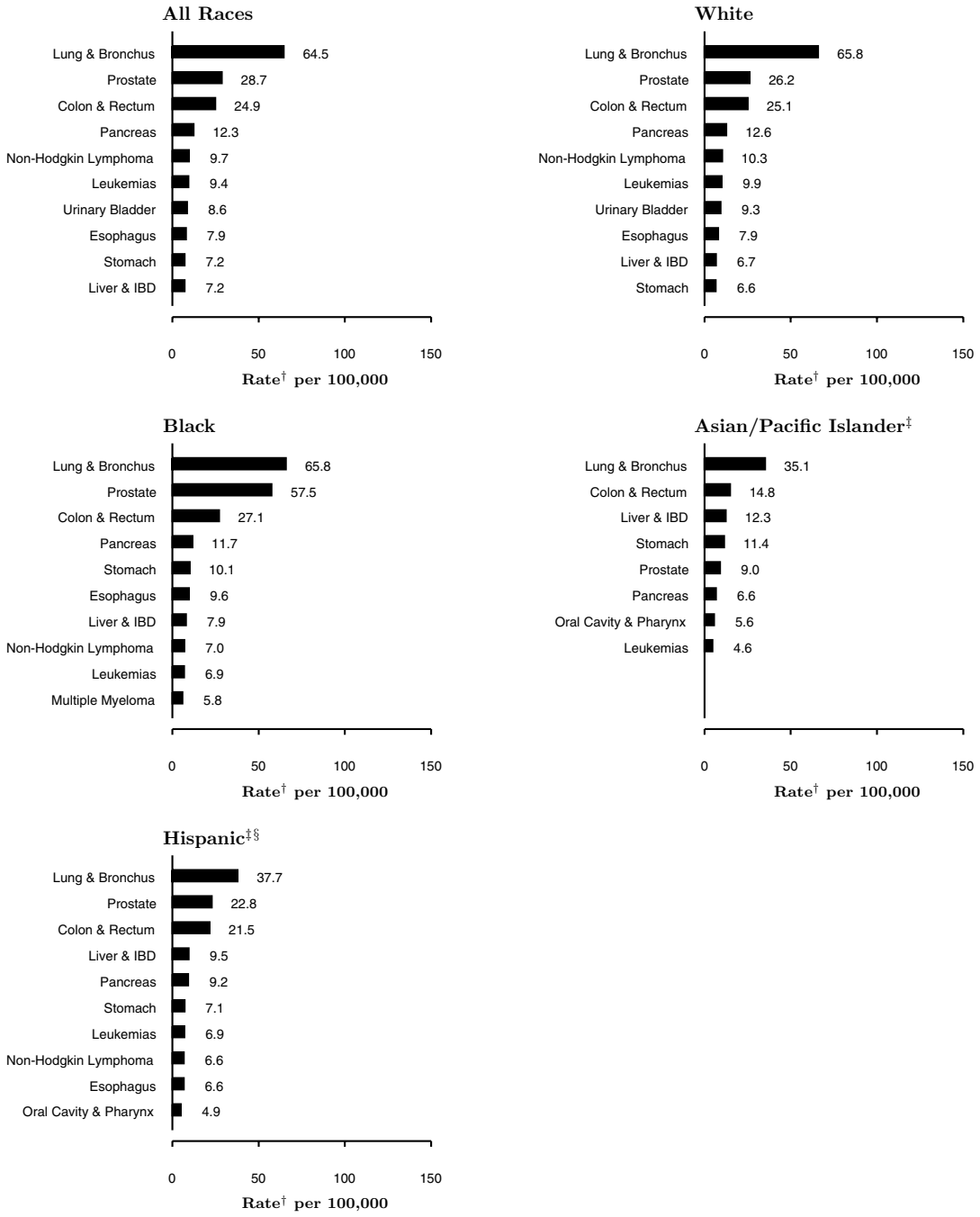
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.39.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

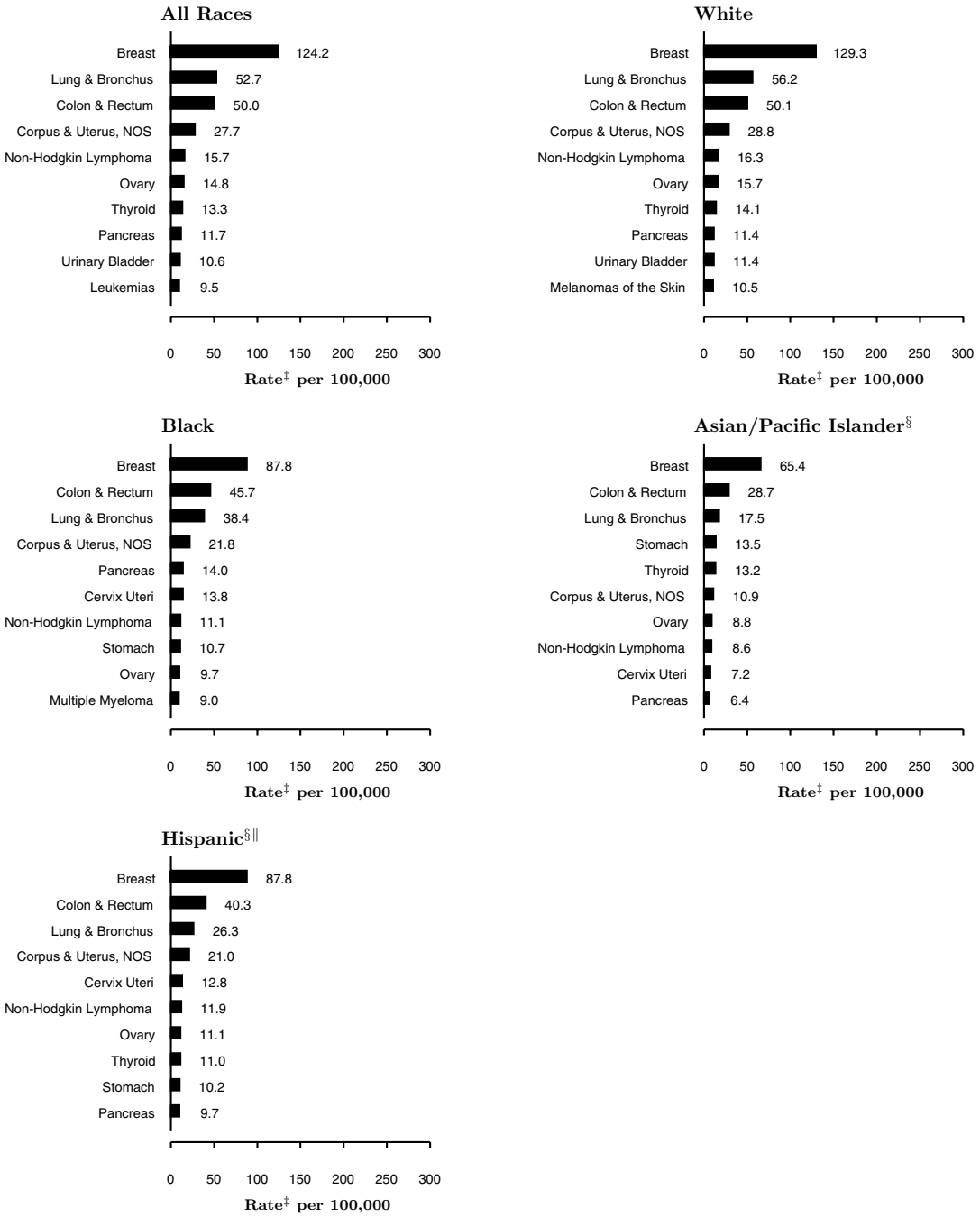
New York,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.39.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

New York,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

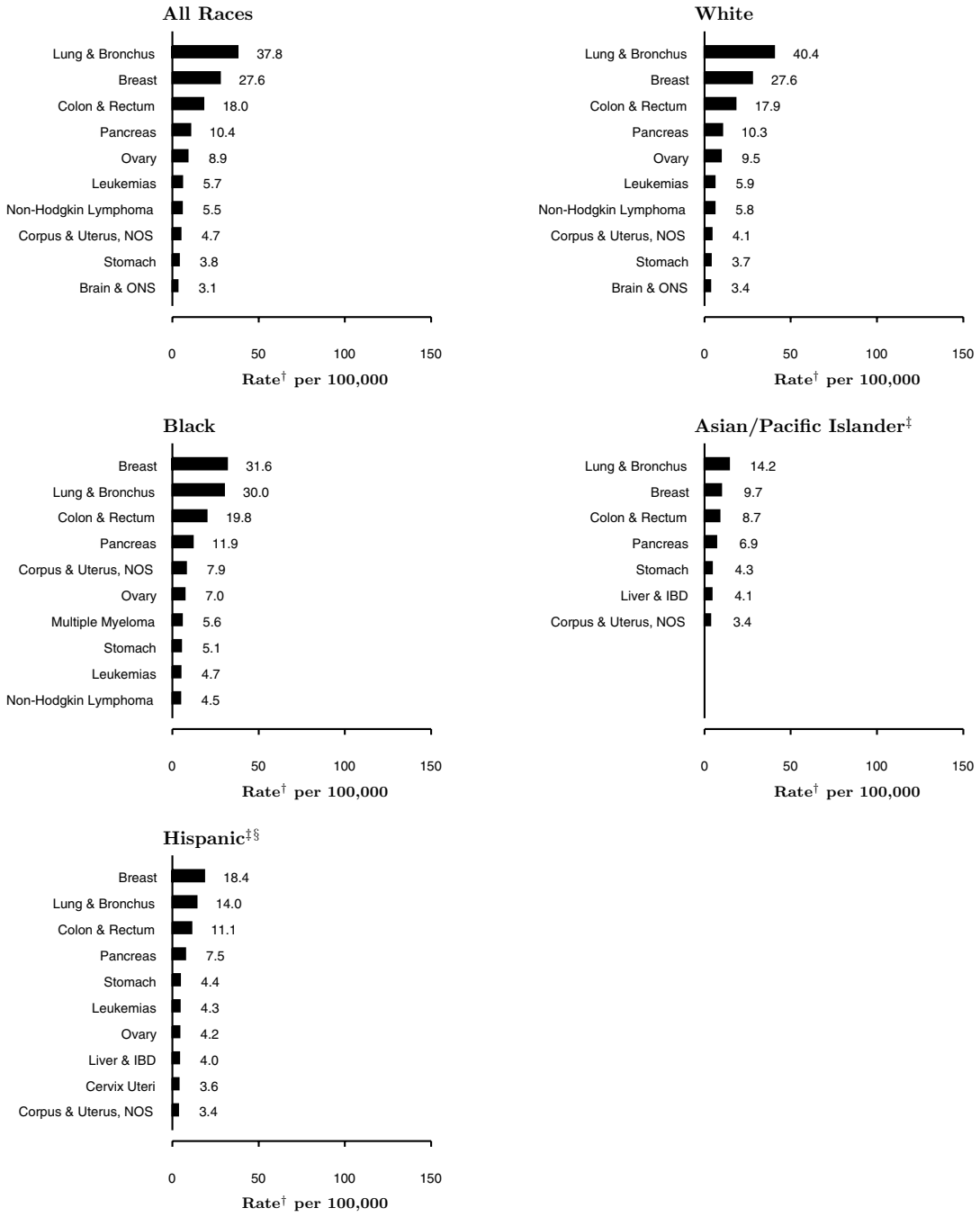
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.39.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

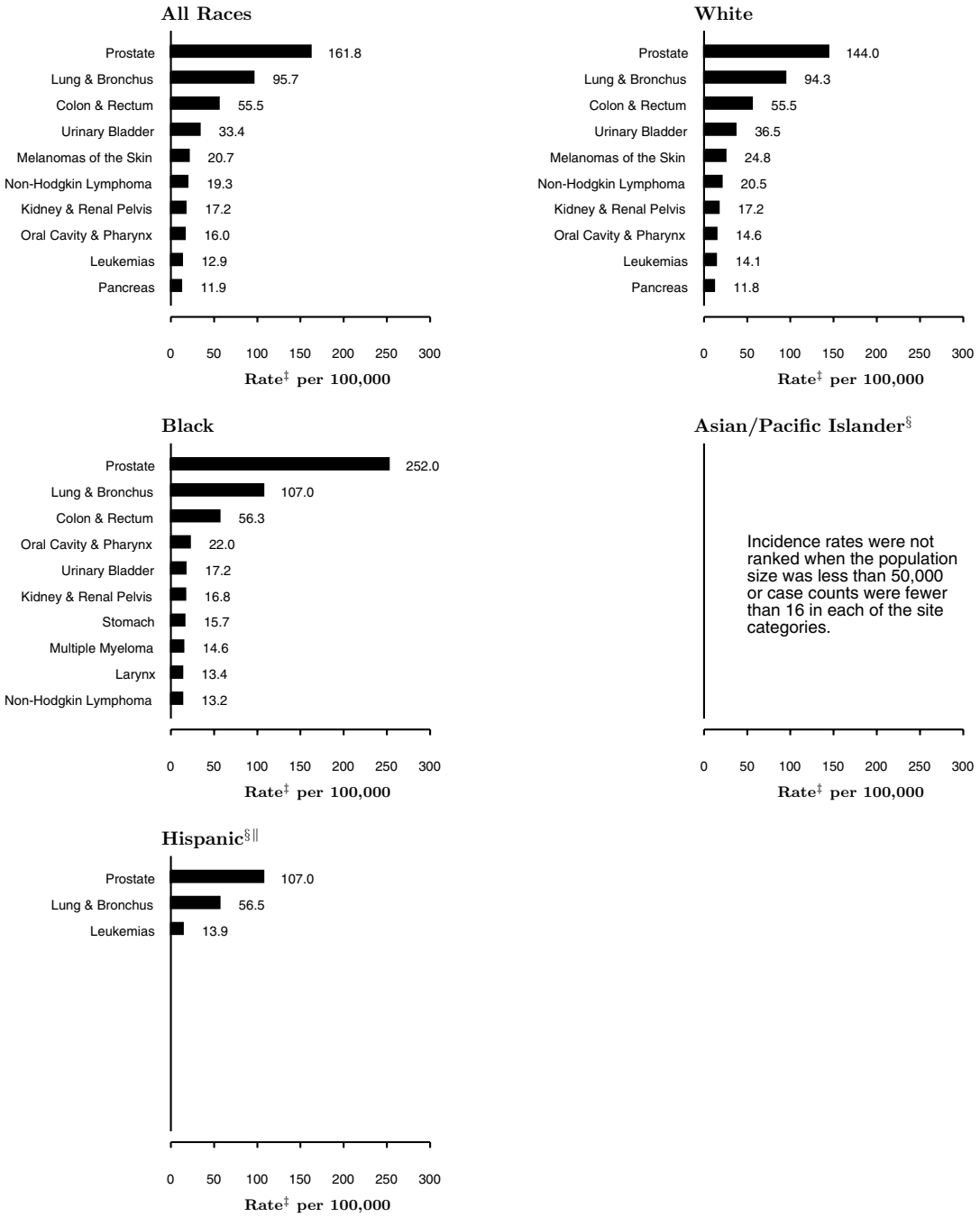
New York,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.40.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

North Carolina,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

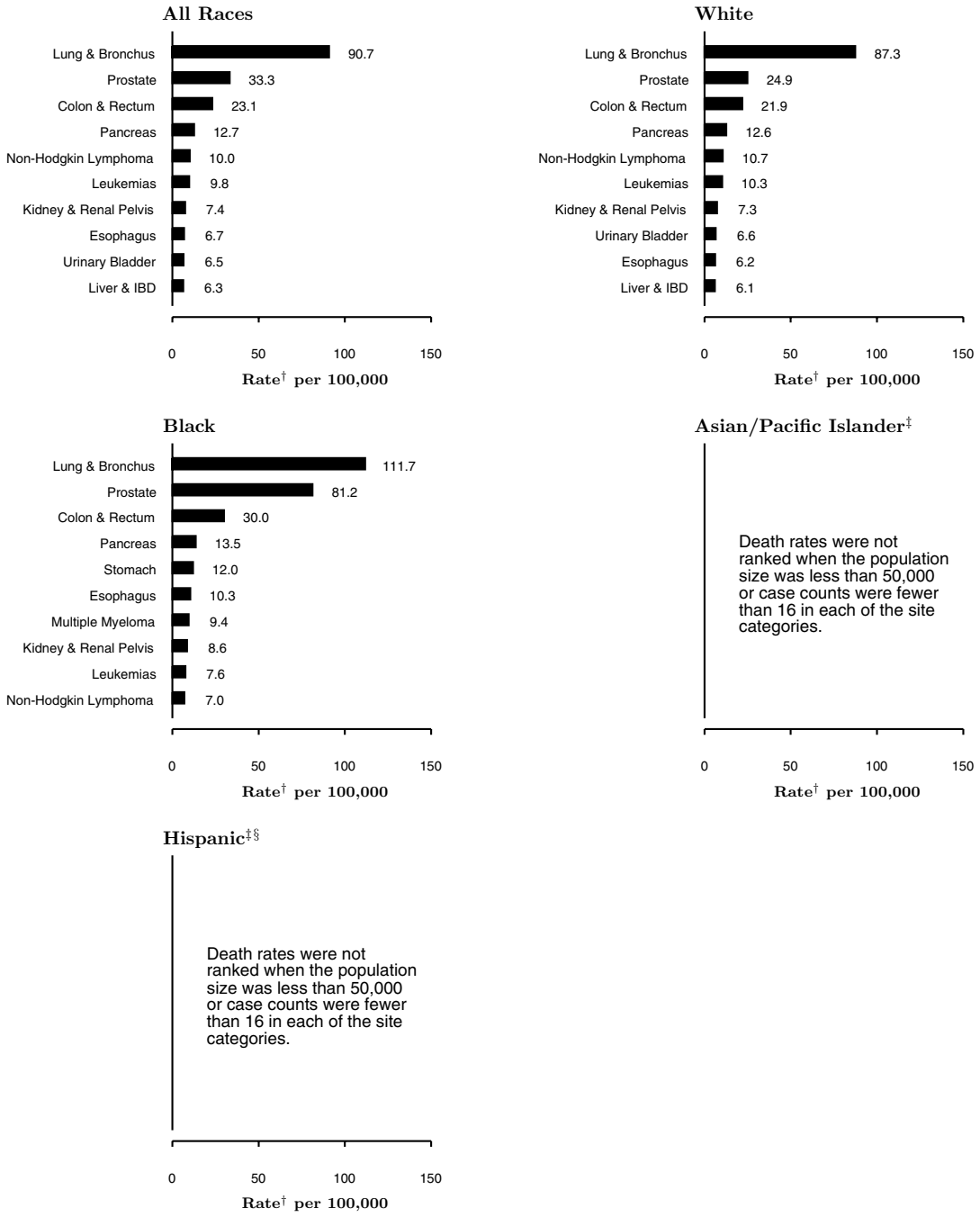
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.40.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

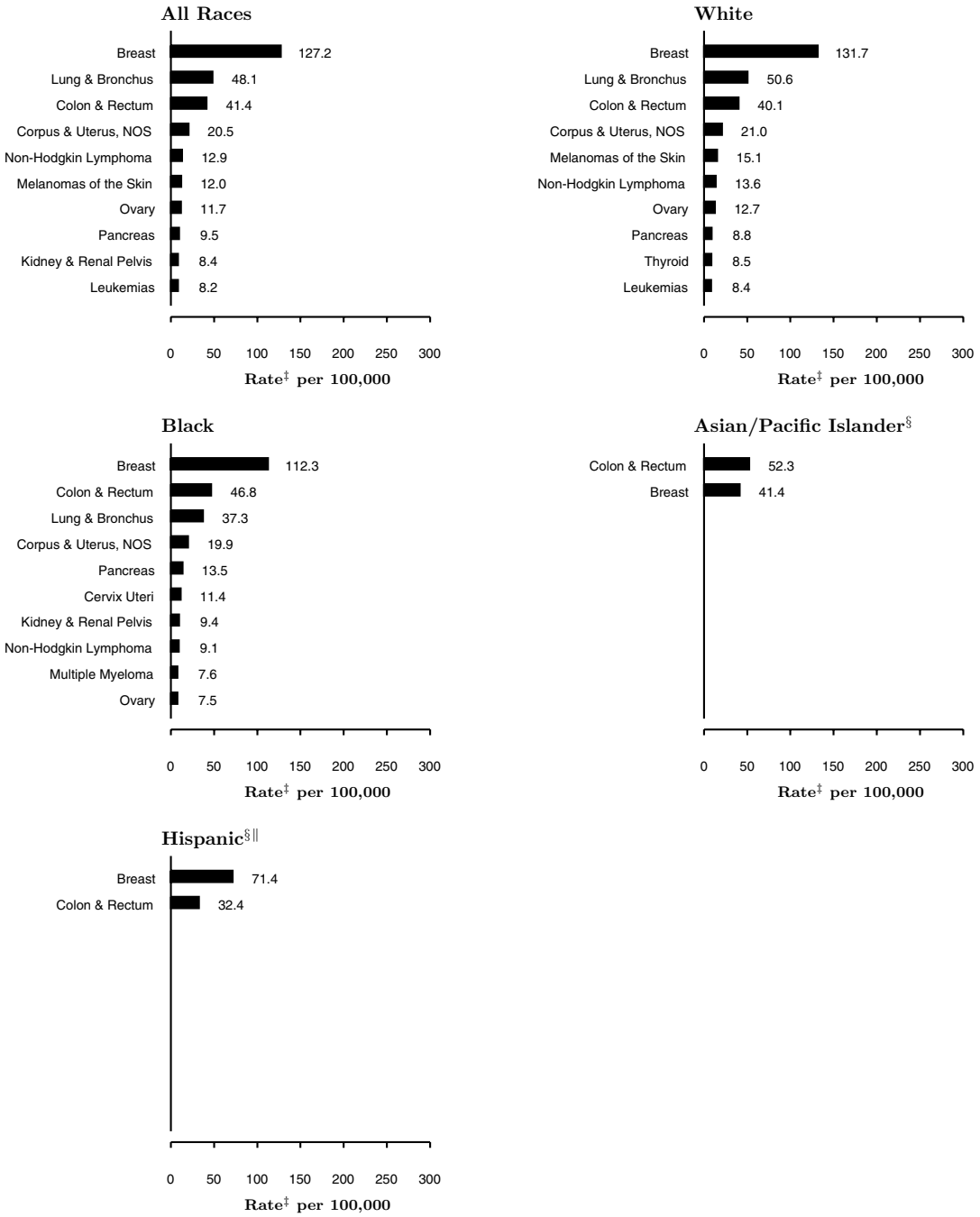
North Carolina,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.40.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

North Carolina,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

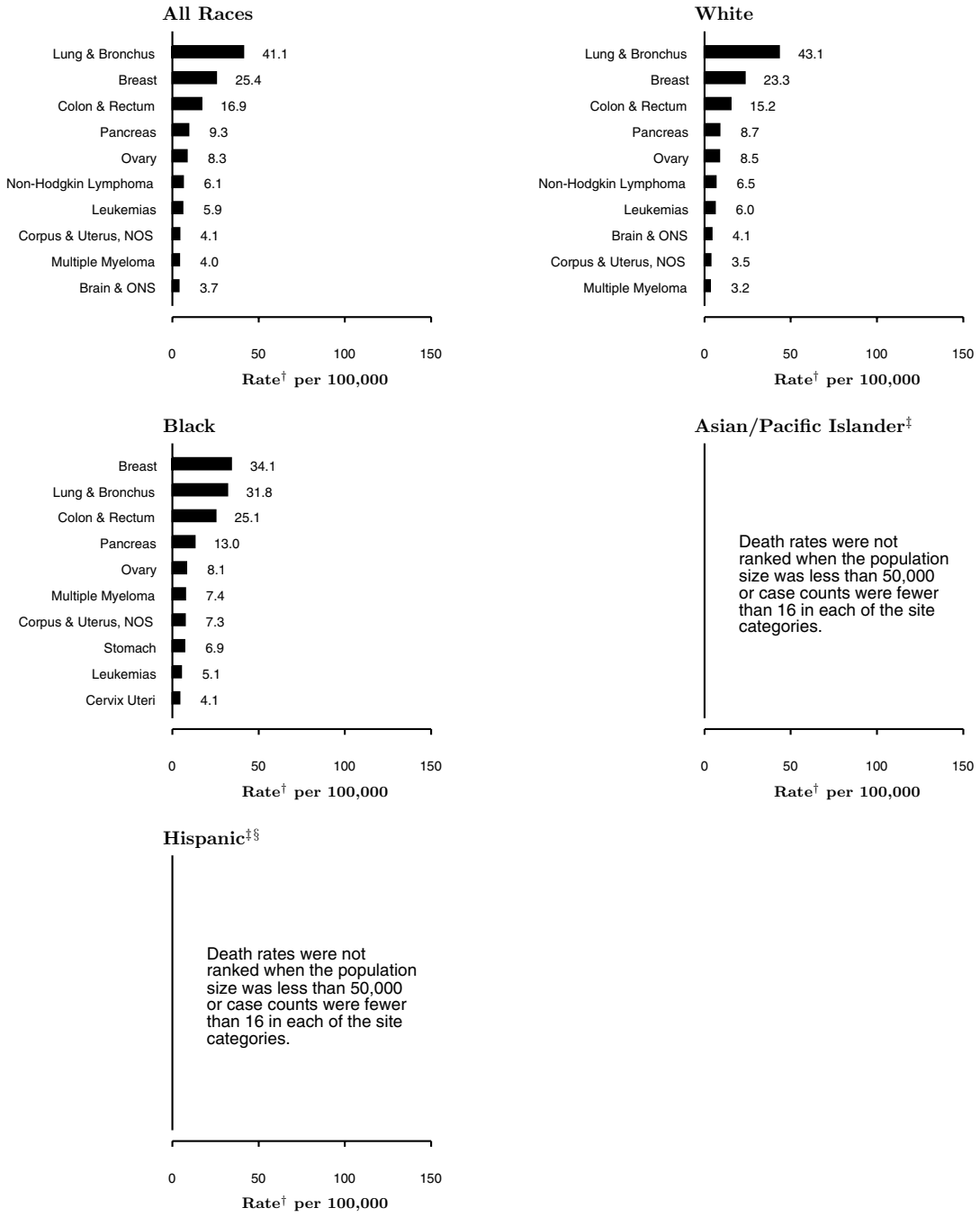
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.40.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

North Carolina,* Females, 2001

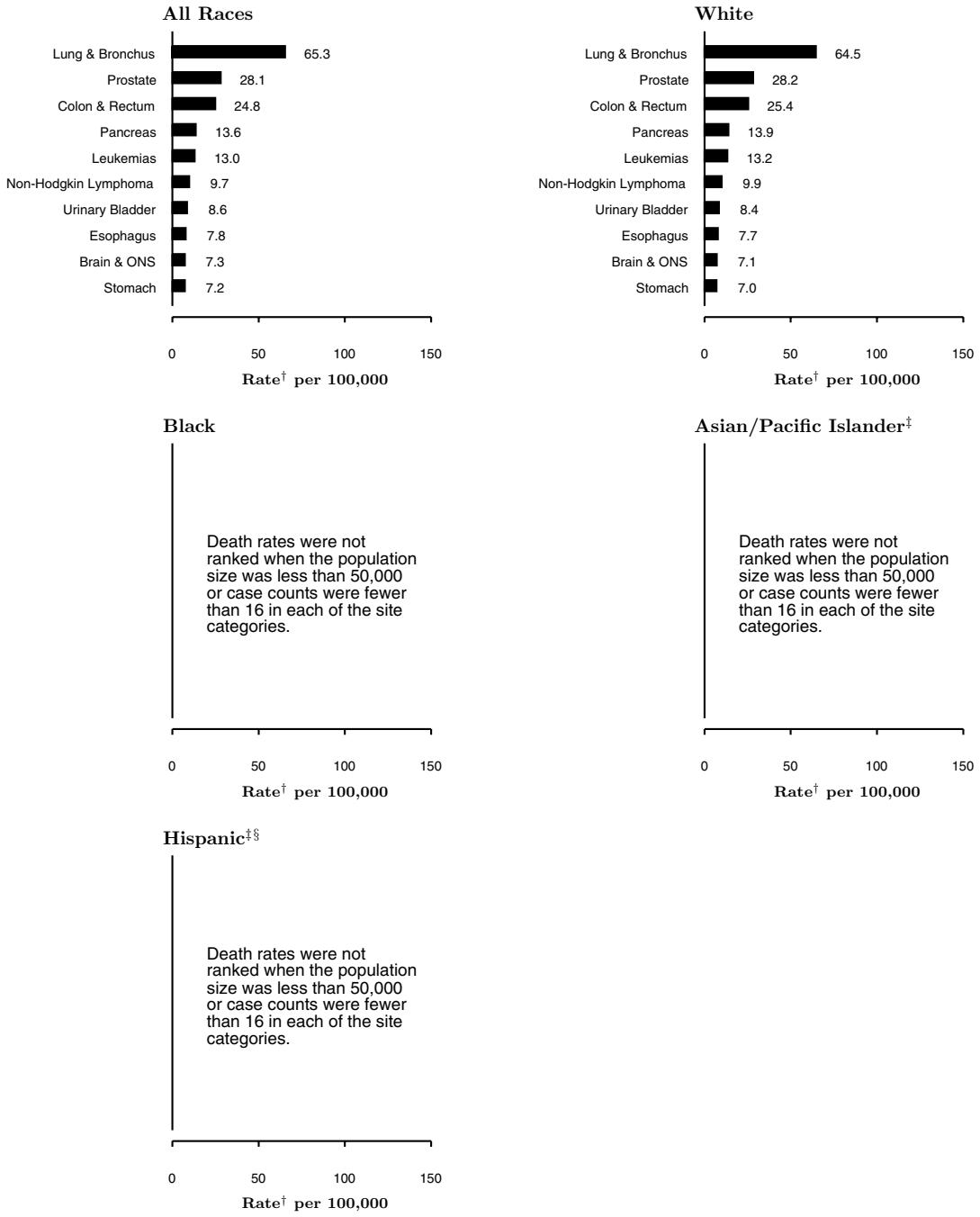


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.41.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

North Dakota,* Males, 2001

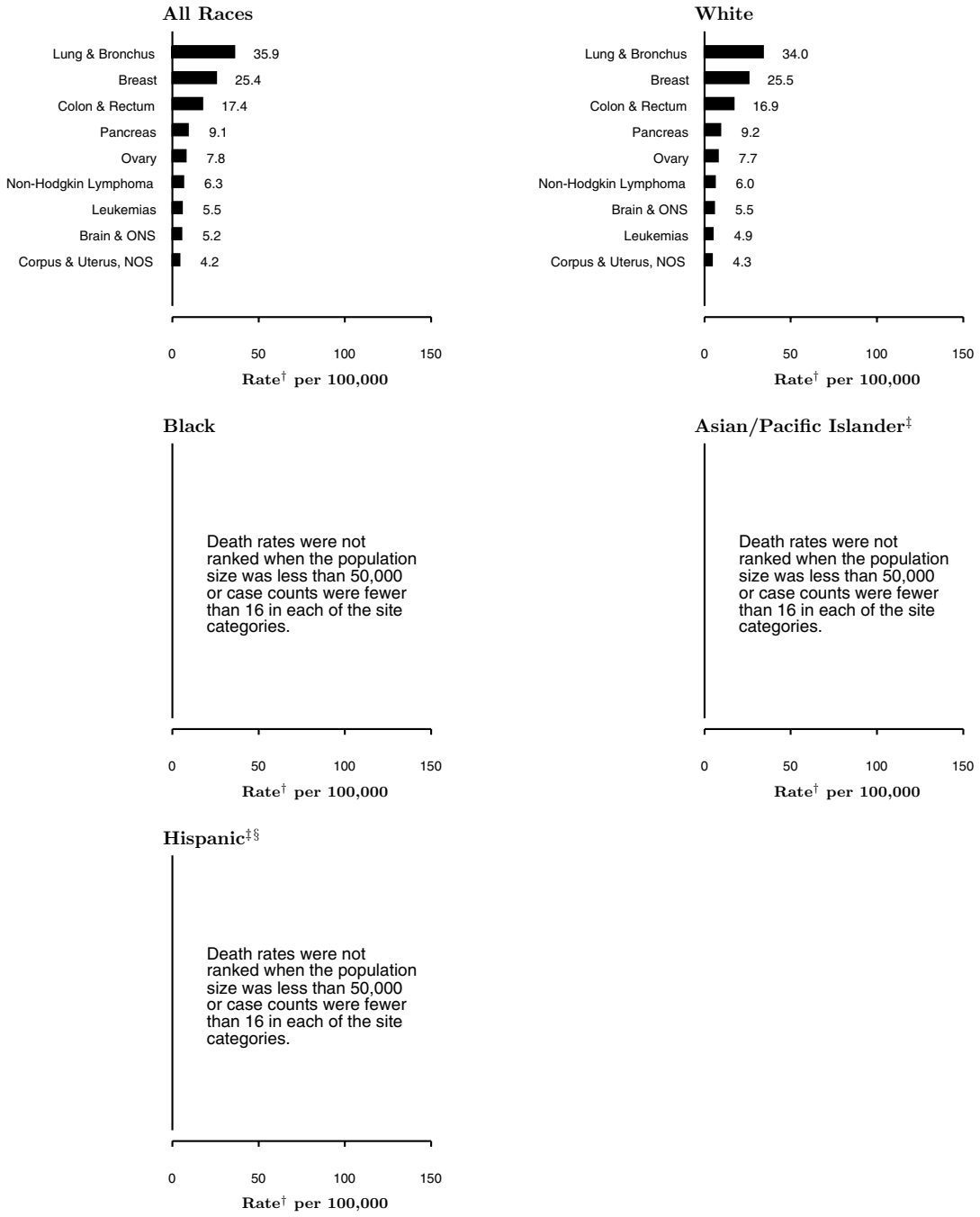


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.41.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

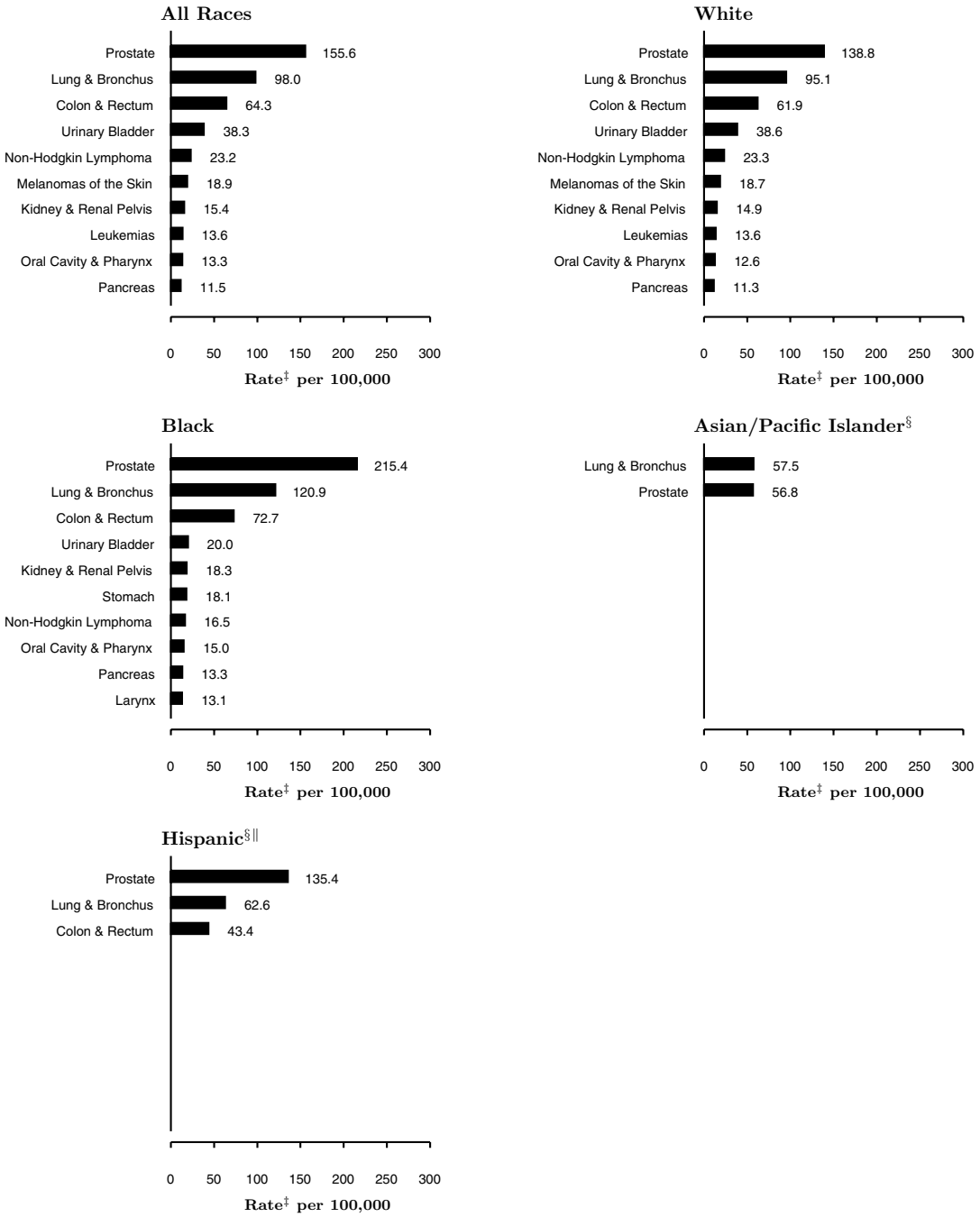
North Dakota,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.42.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Ohio,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

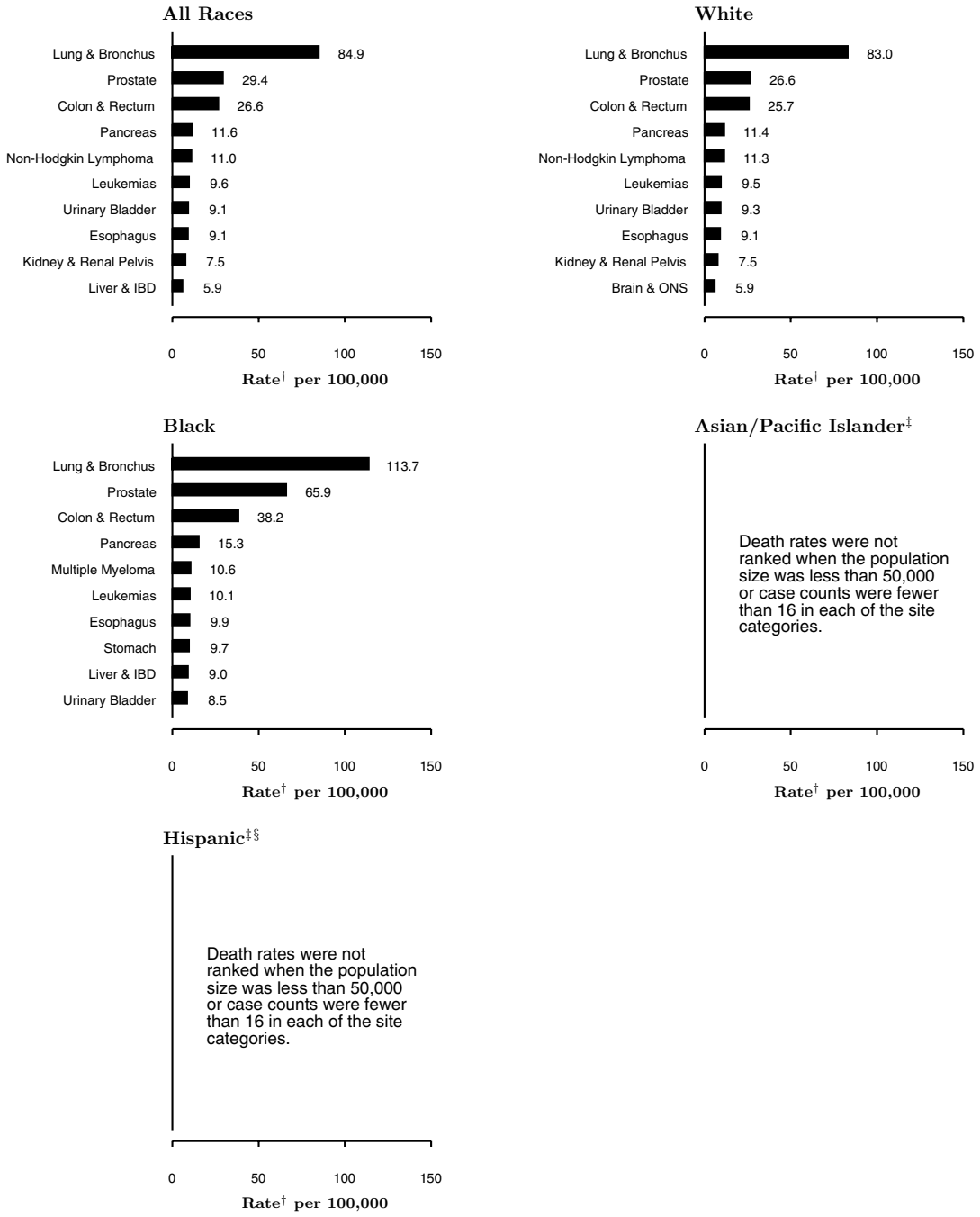
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.42.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Ohio,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
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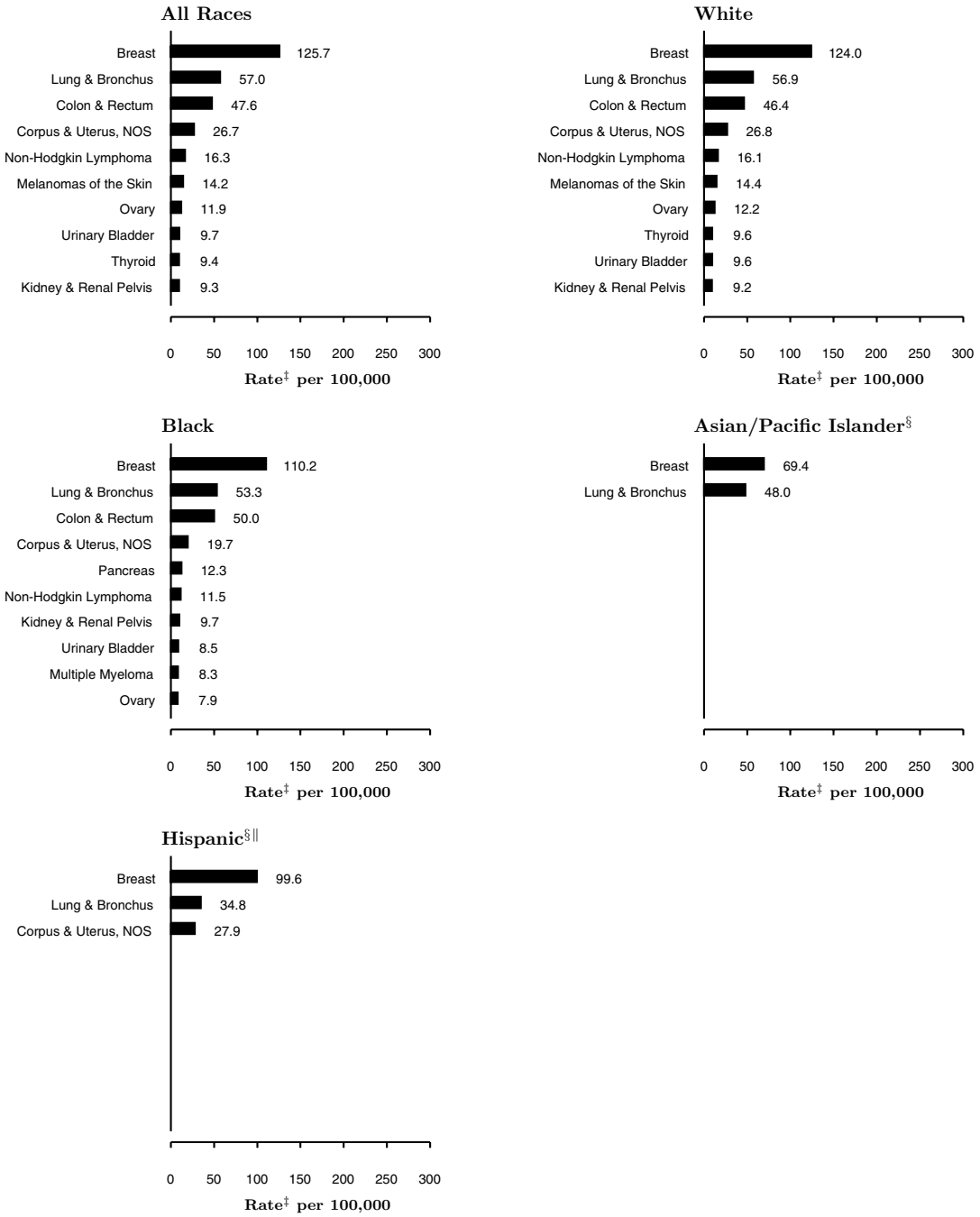
Figure 3.42.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Ohio,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

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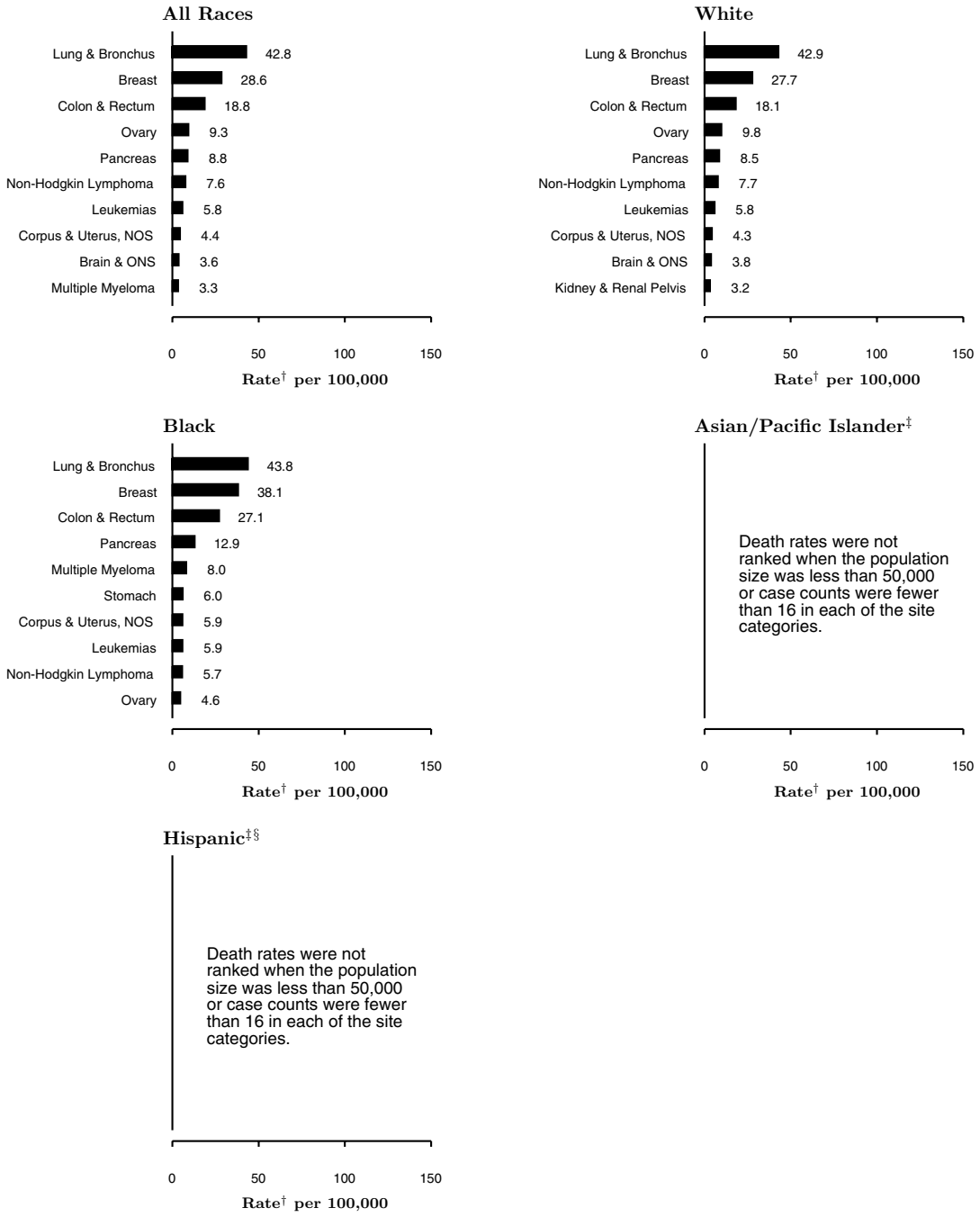
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.42.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Ohio,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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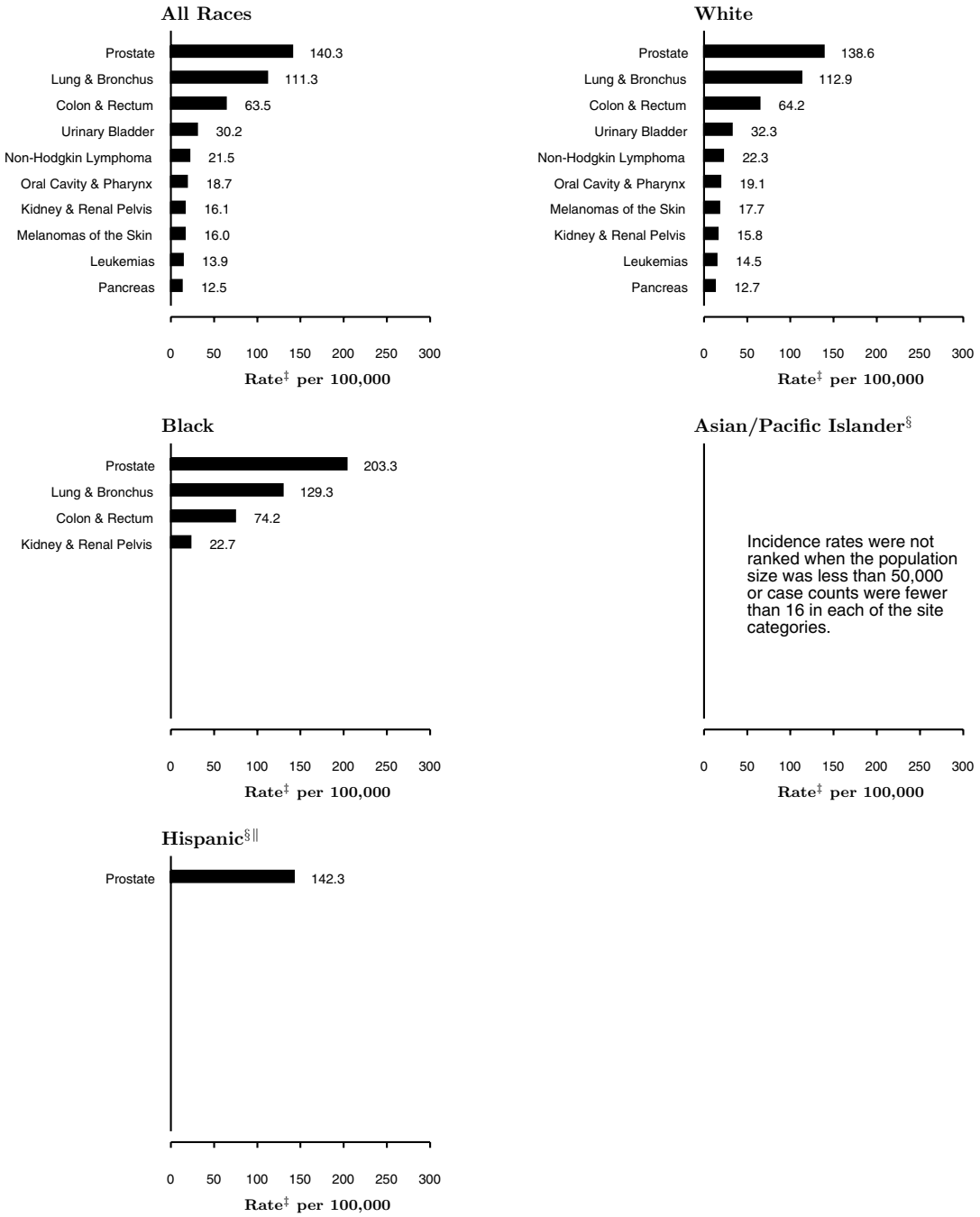
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.43.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Oklahoma,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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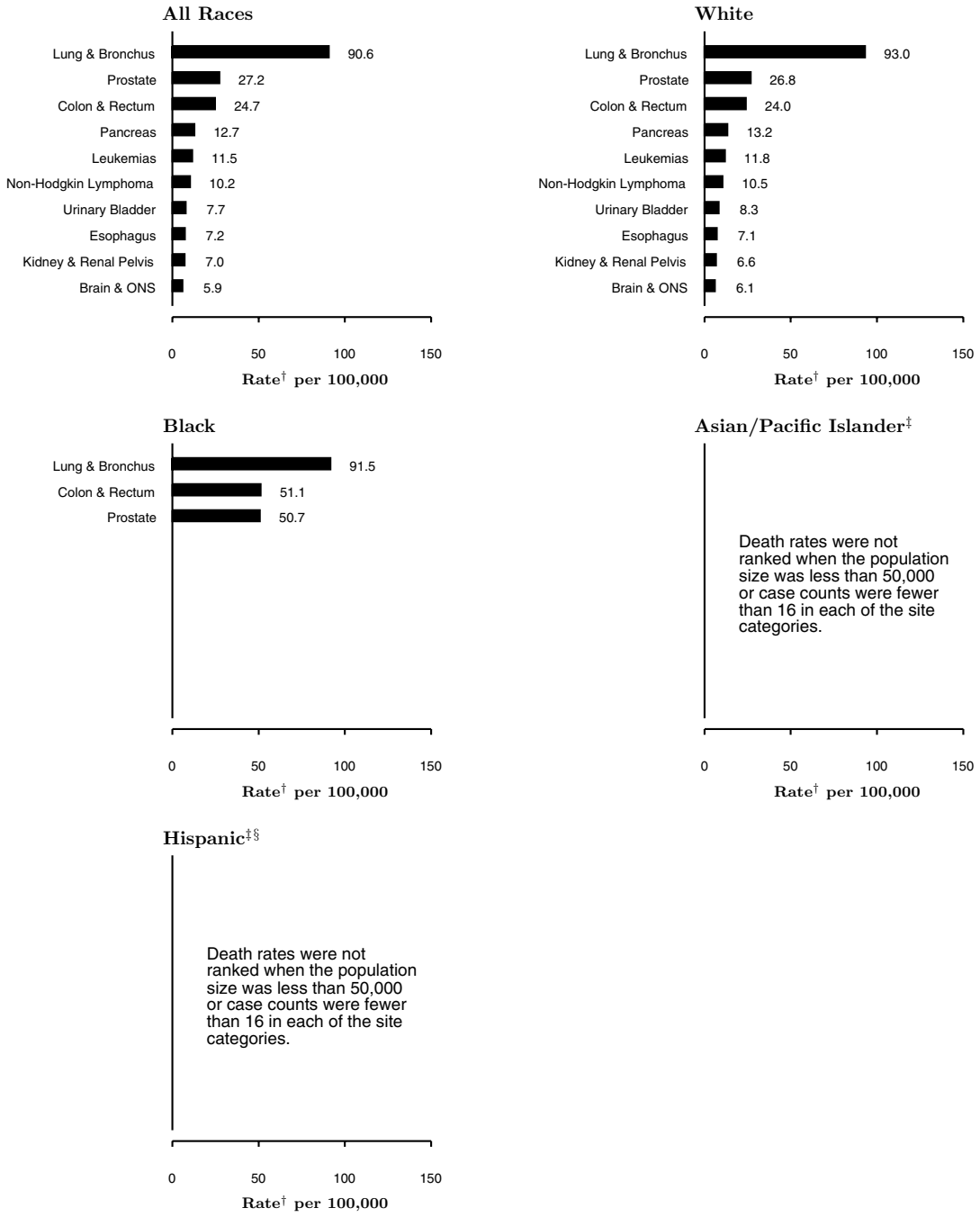
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.43.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Oklahoma,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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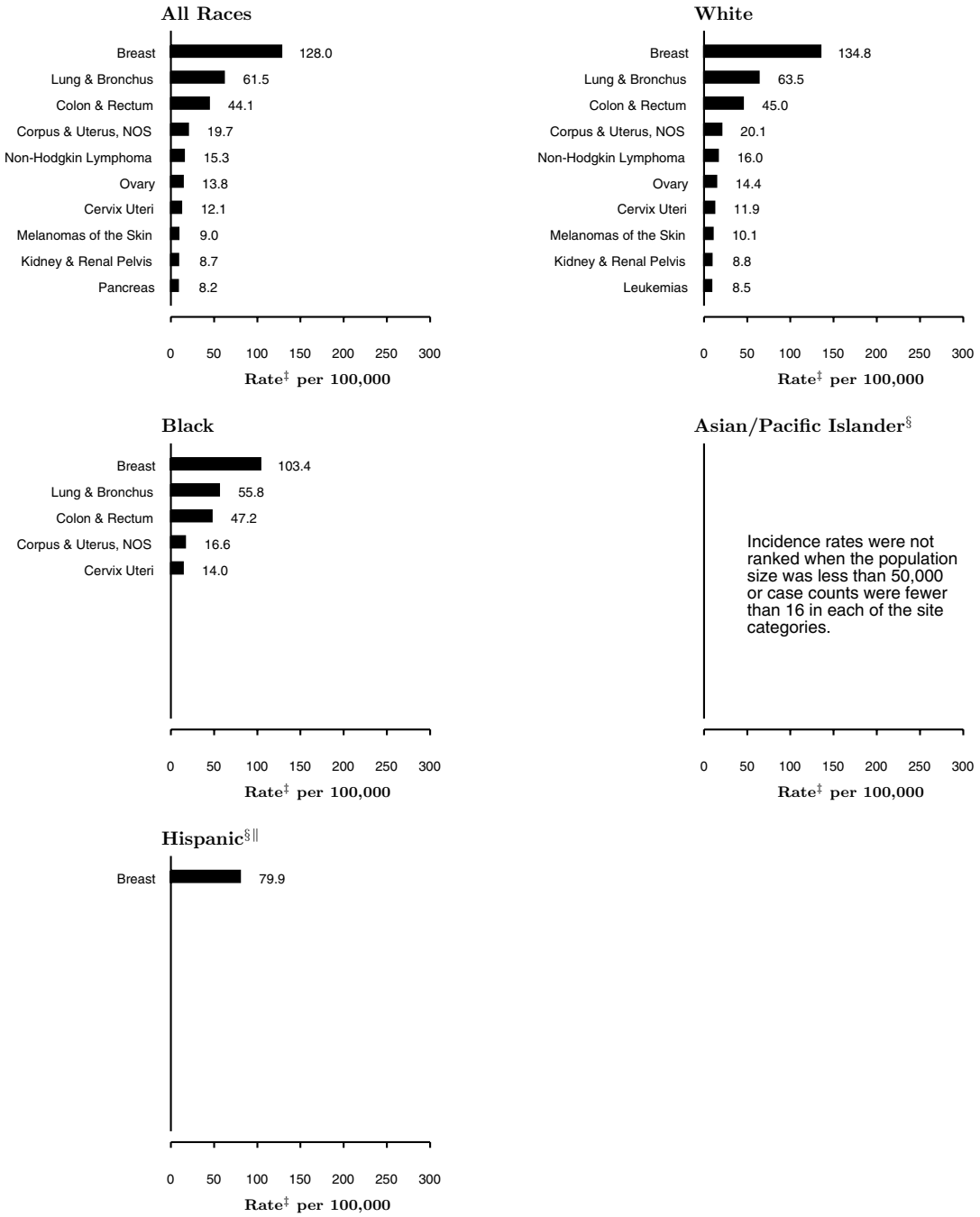
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.43.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Oklahoma,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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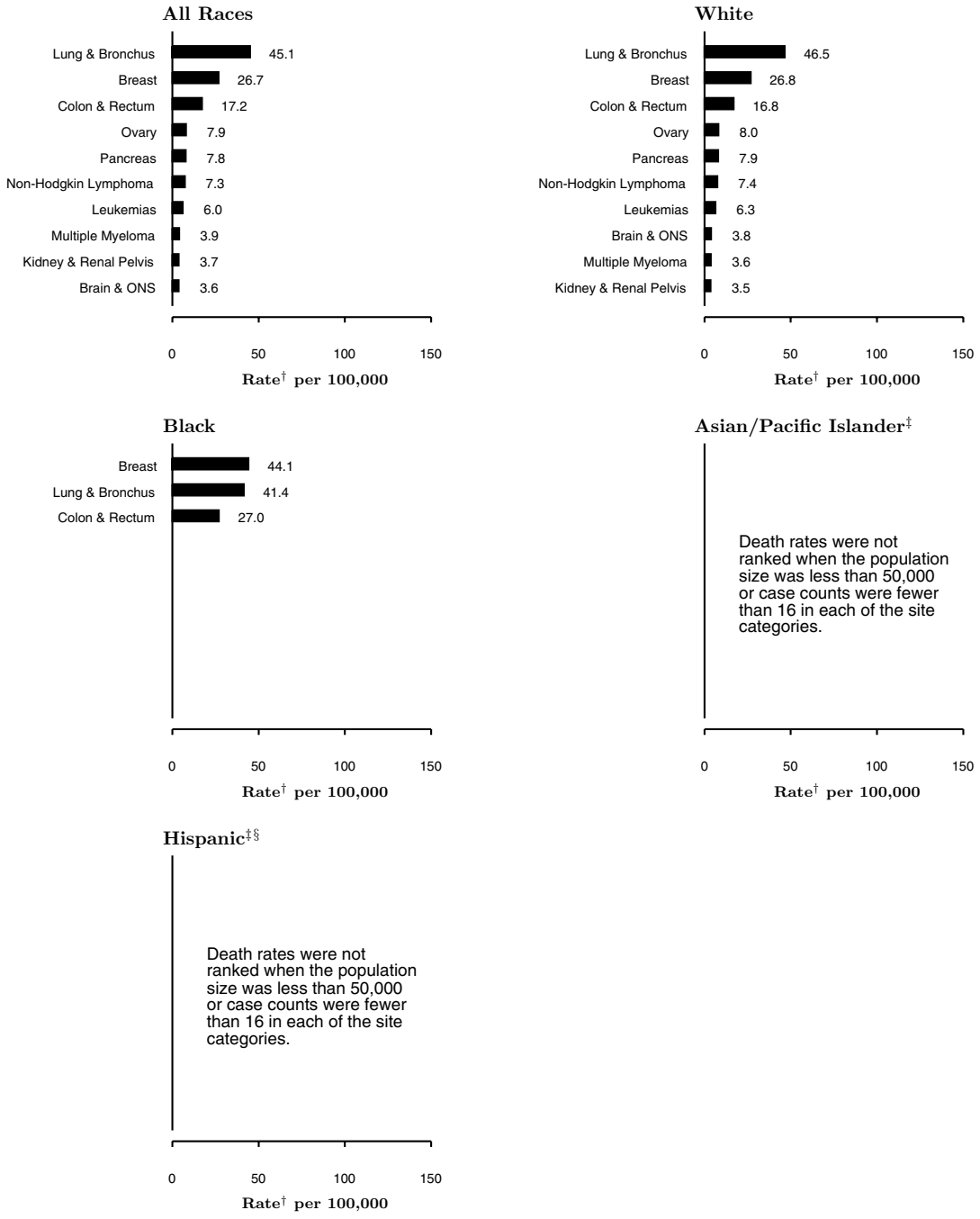
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.43.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Oklahoma,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
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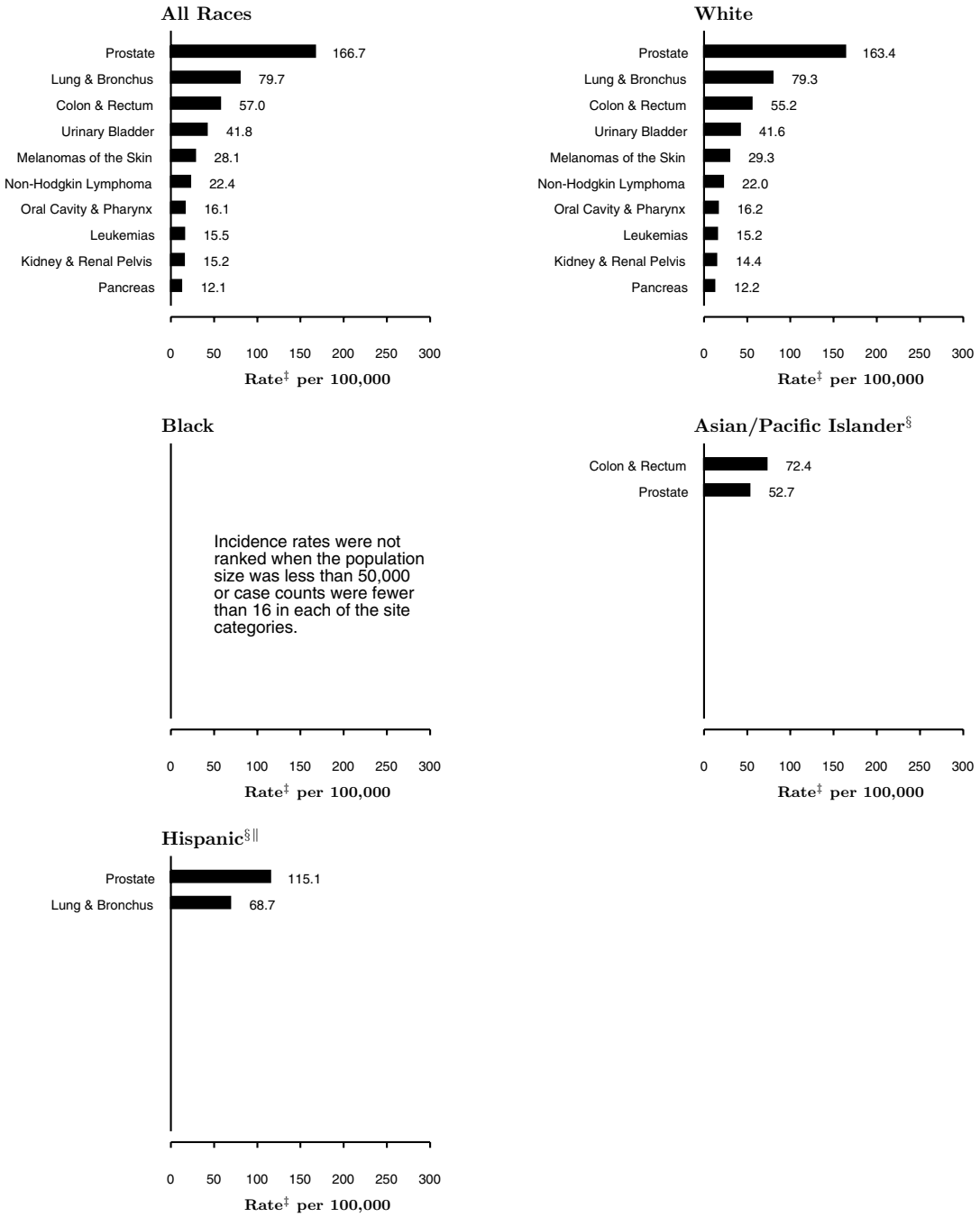
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.44.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Oregon,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

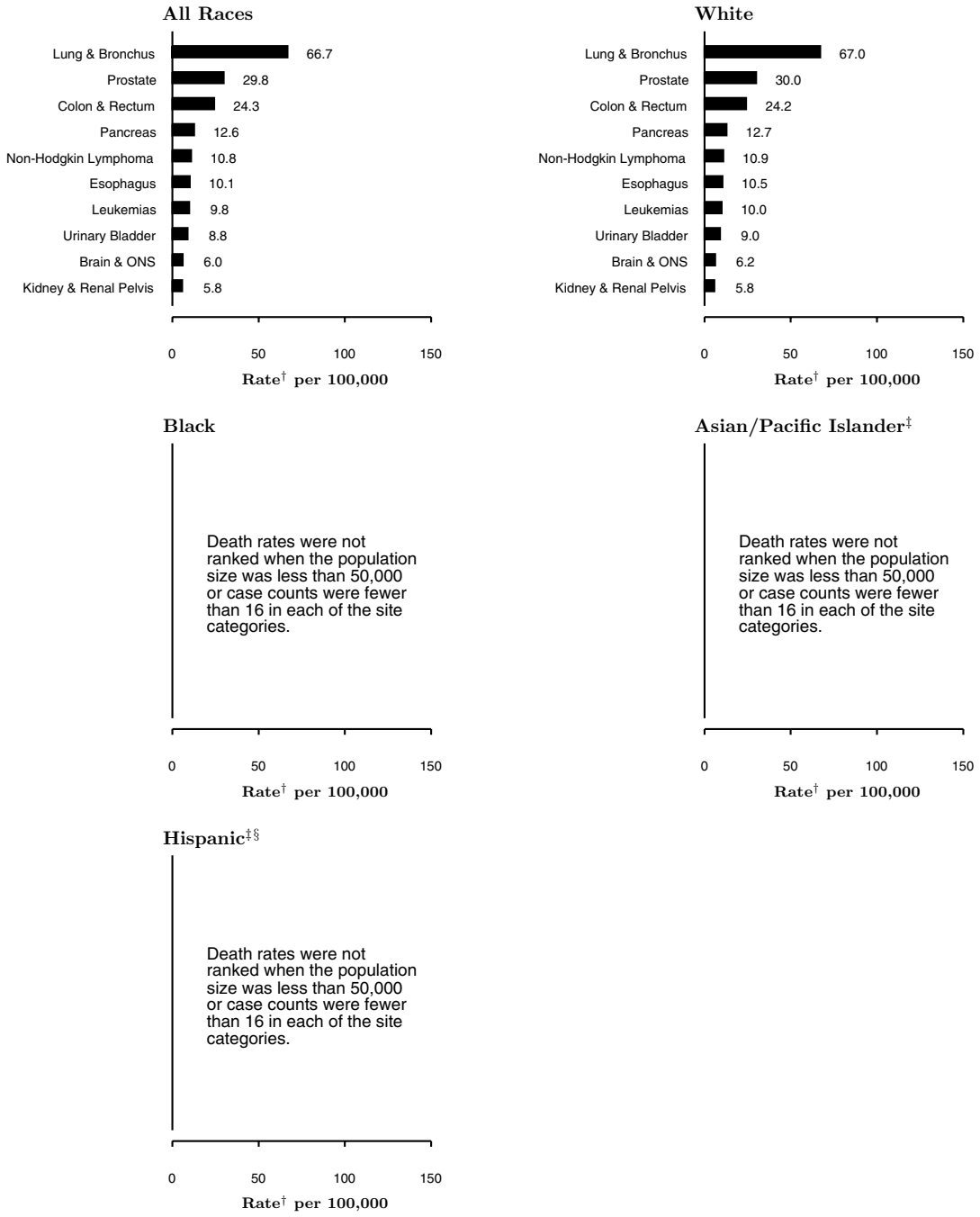
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.44.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

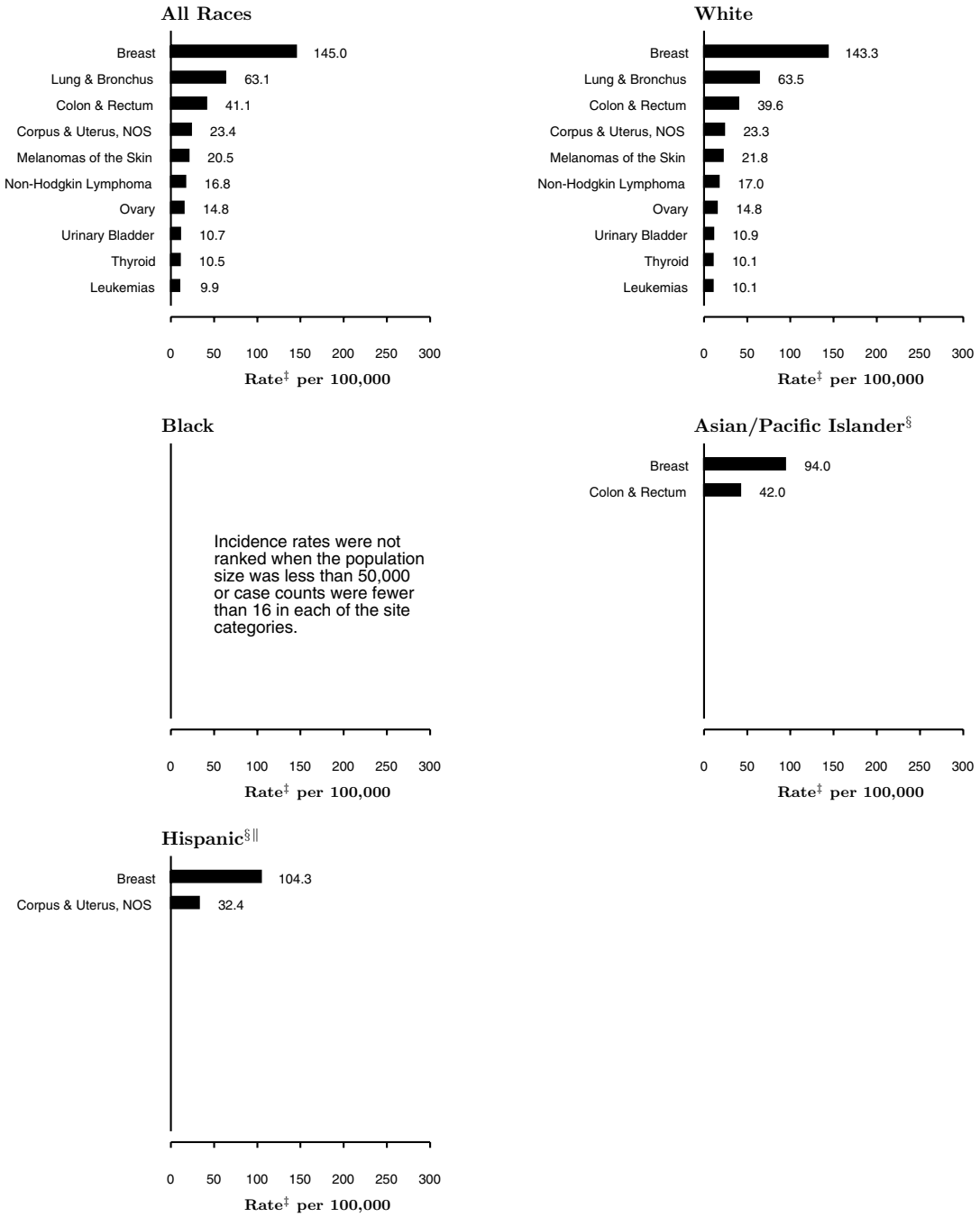
Oregon,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.44.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Oregon,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

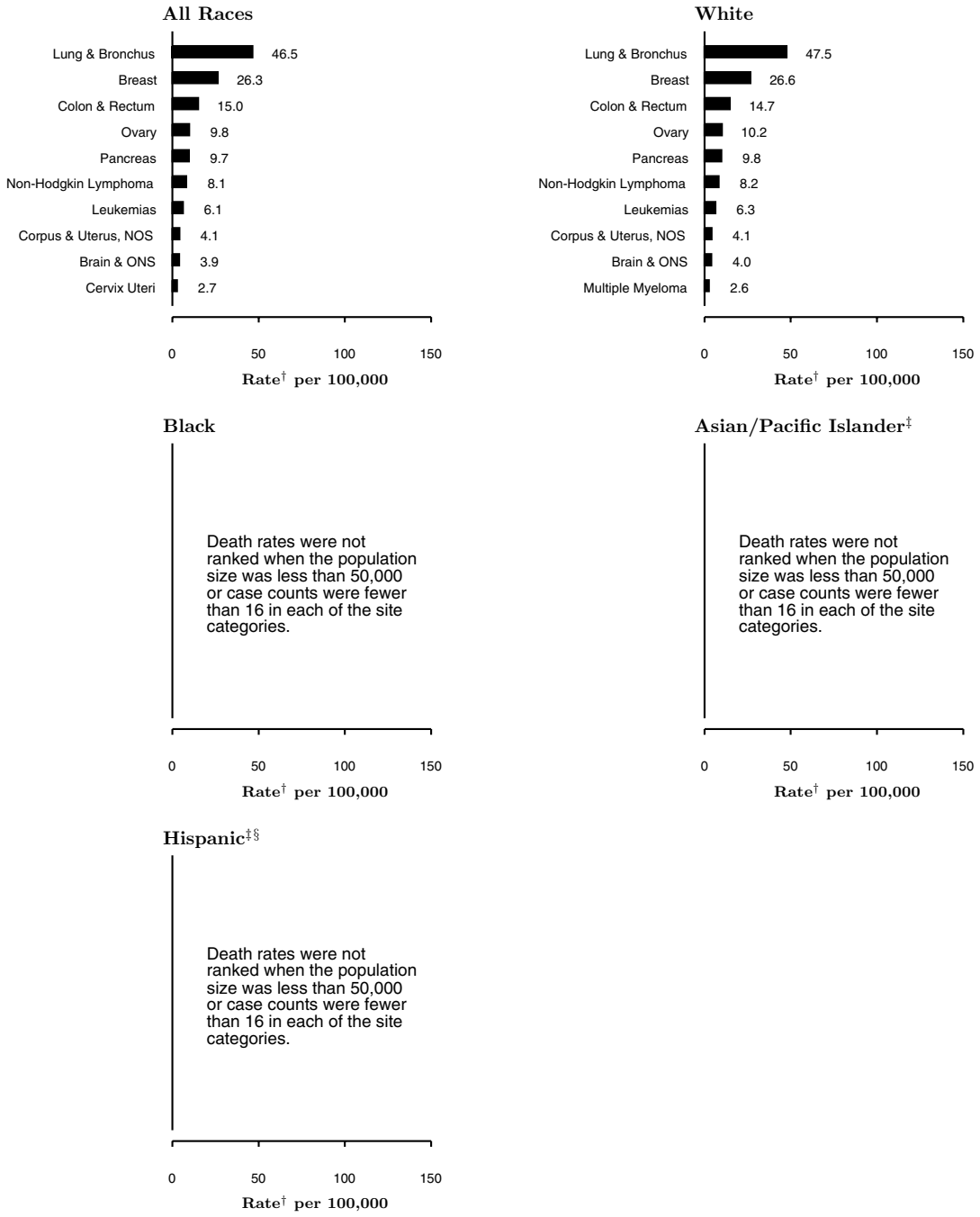
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.44.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

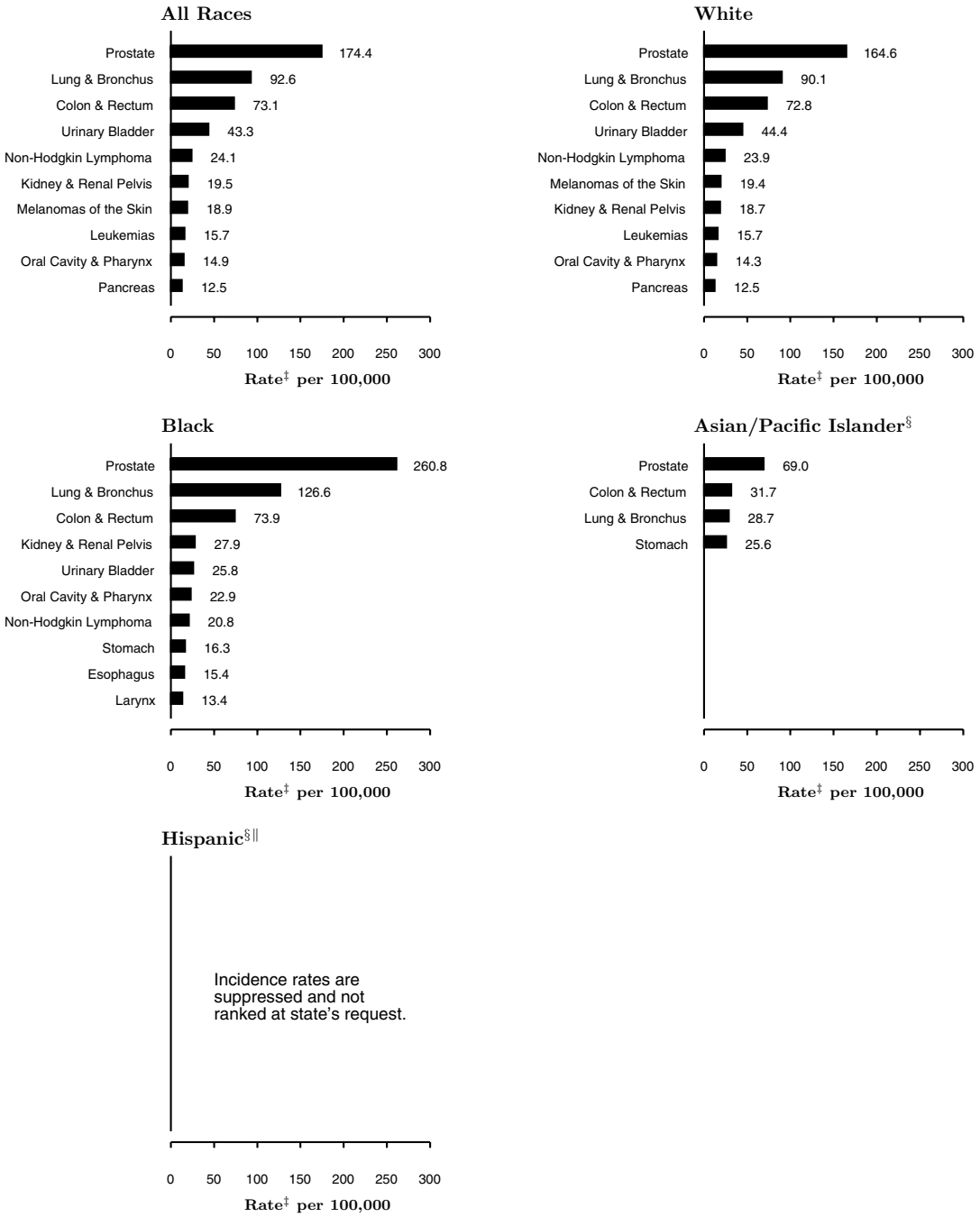
Oregon,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.45.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Pennsylvania,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

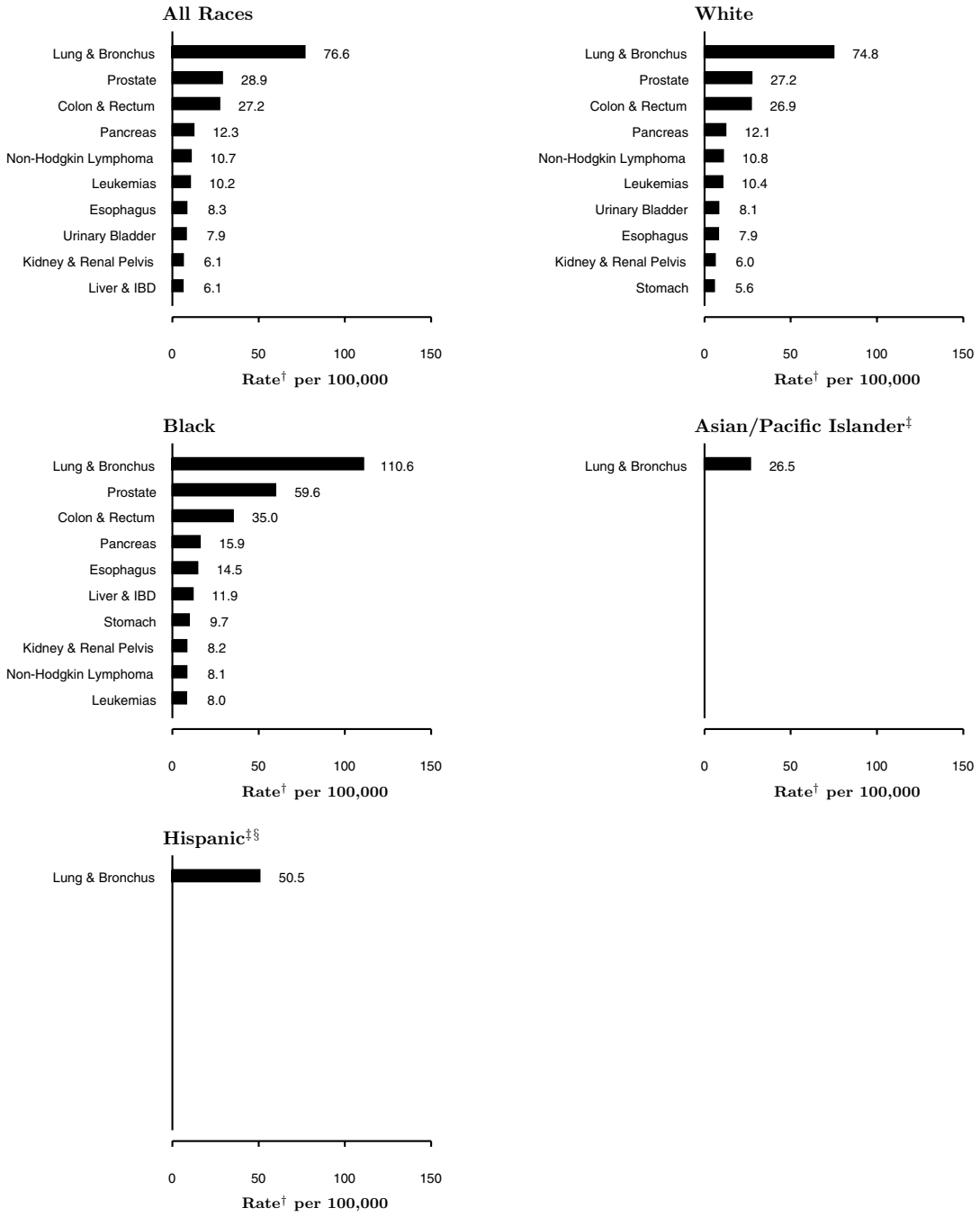
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.45.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

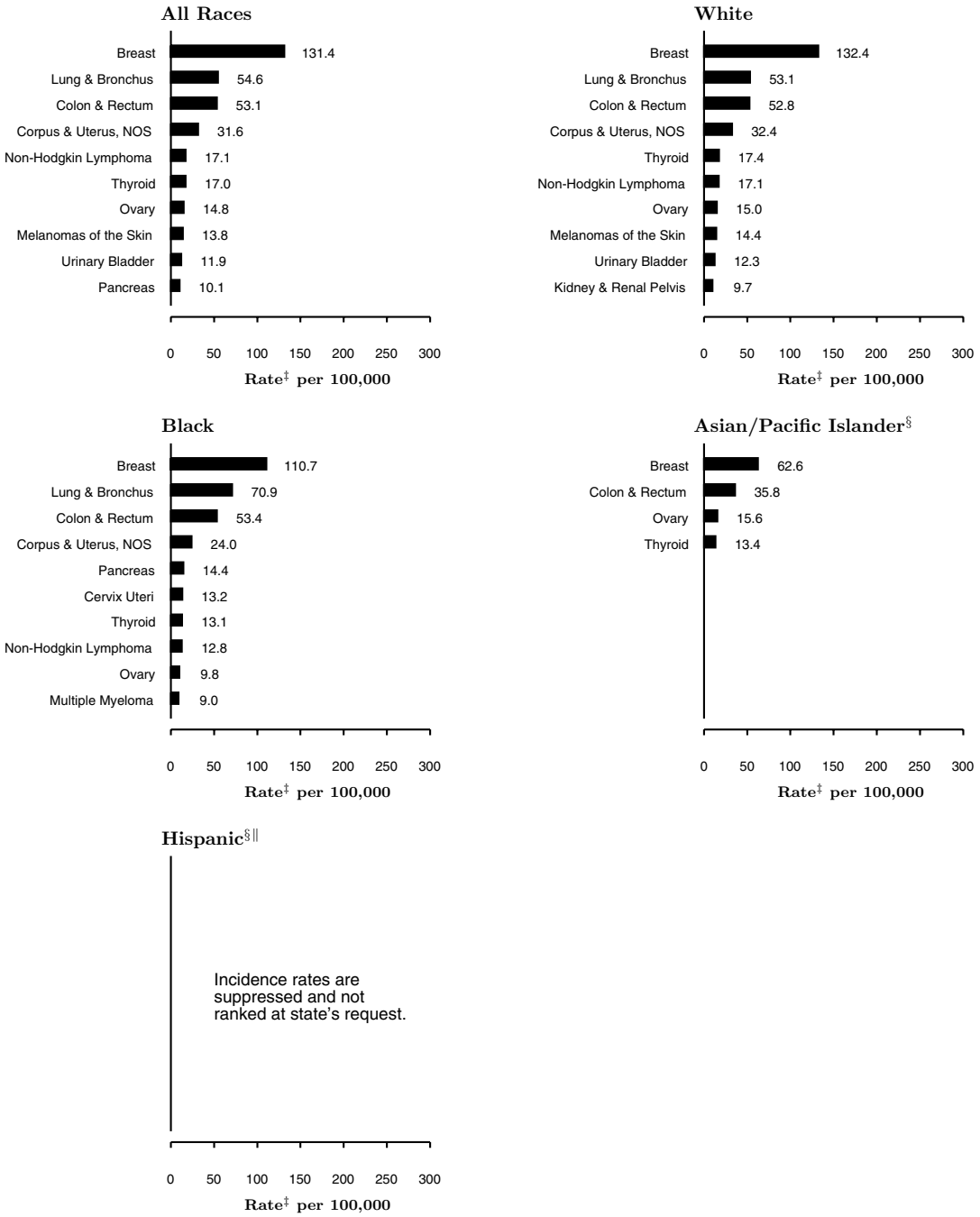
Pennsylvania,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.45.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Pennsylvania,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

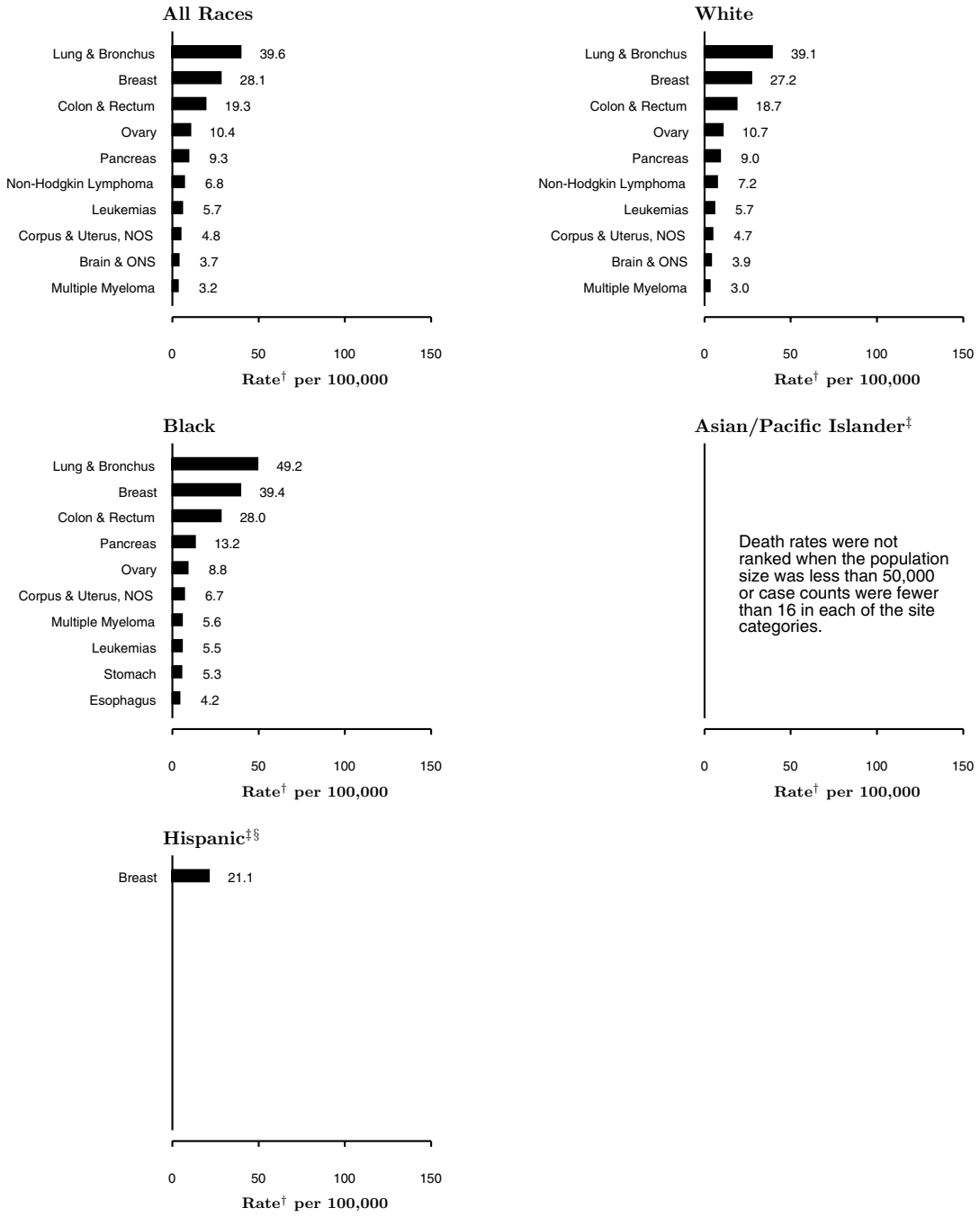
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.45.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

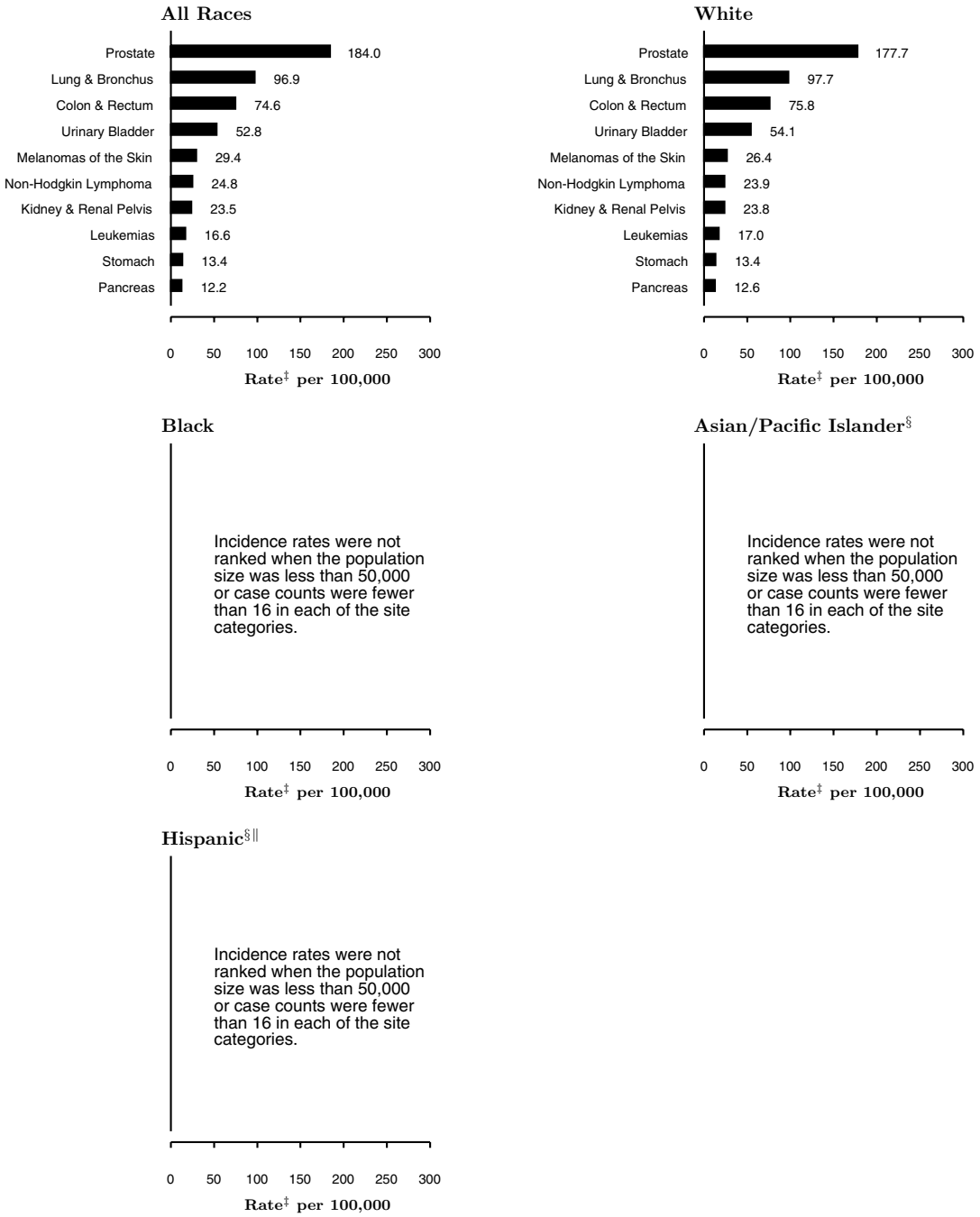
Pennsylvania,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.46.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Rhode Island,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

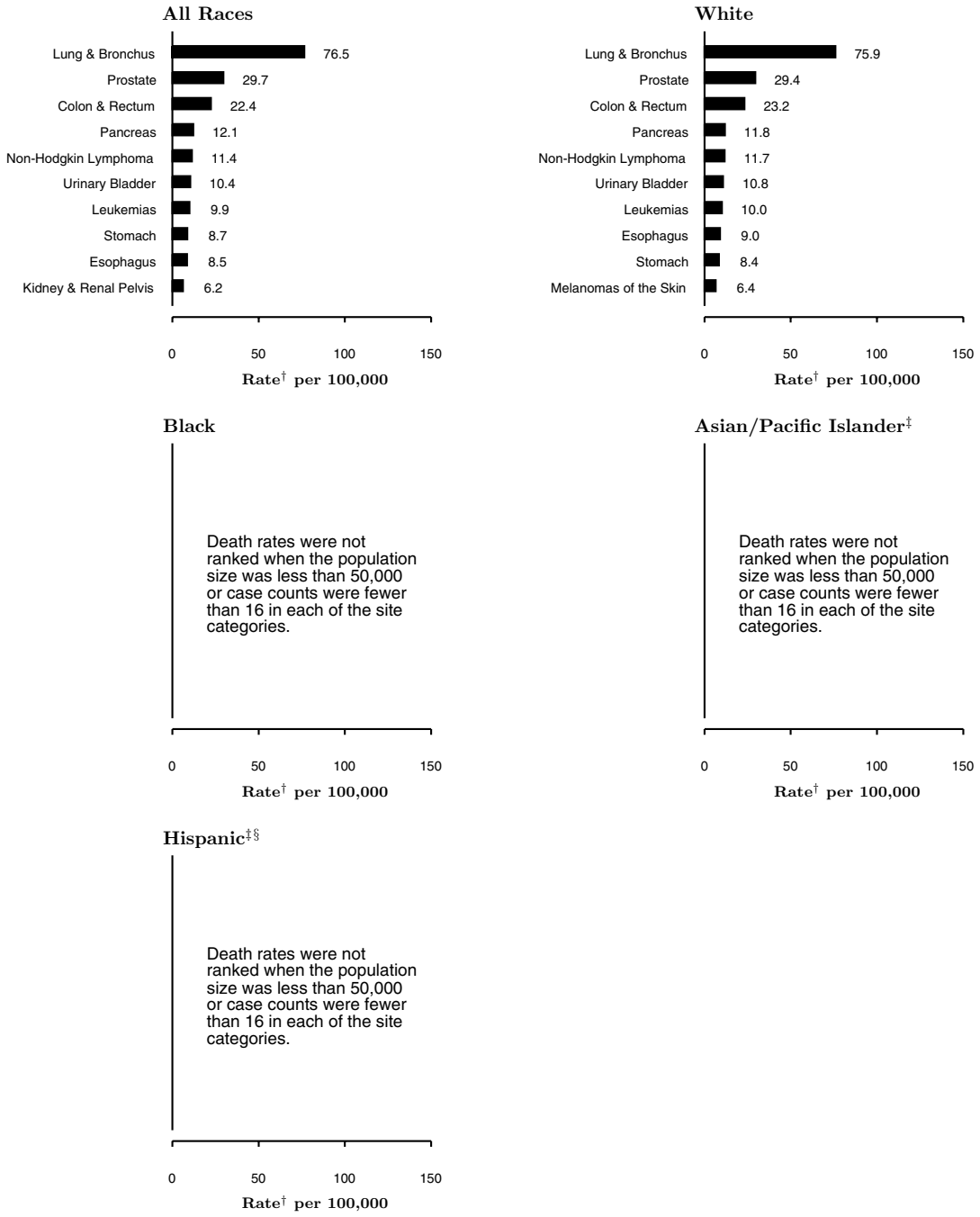
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.46.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Rhode Island,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
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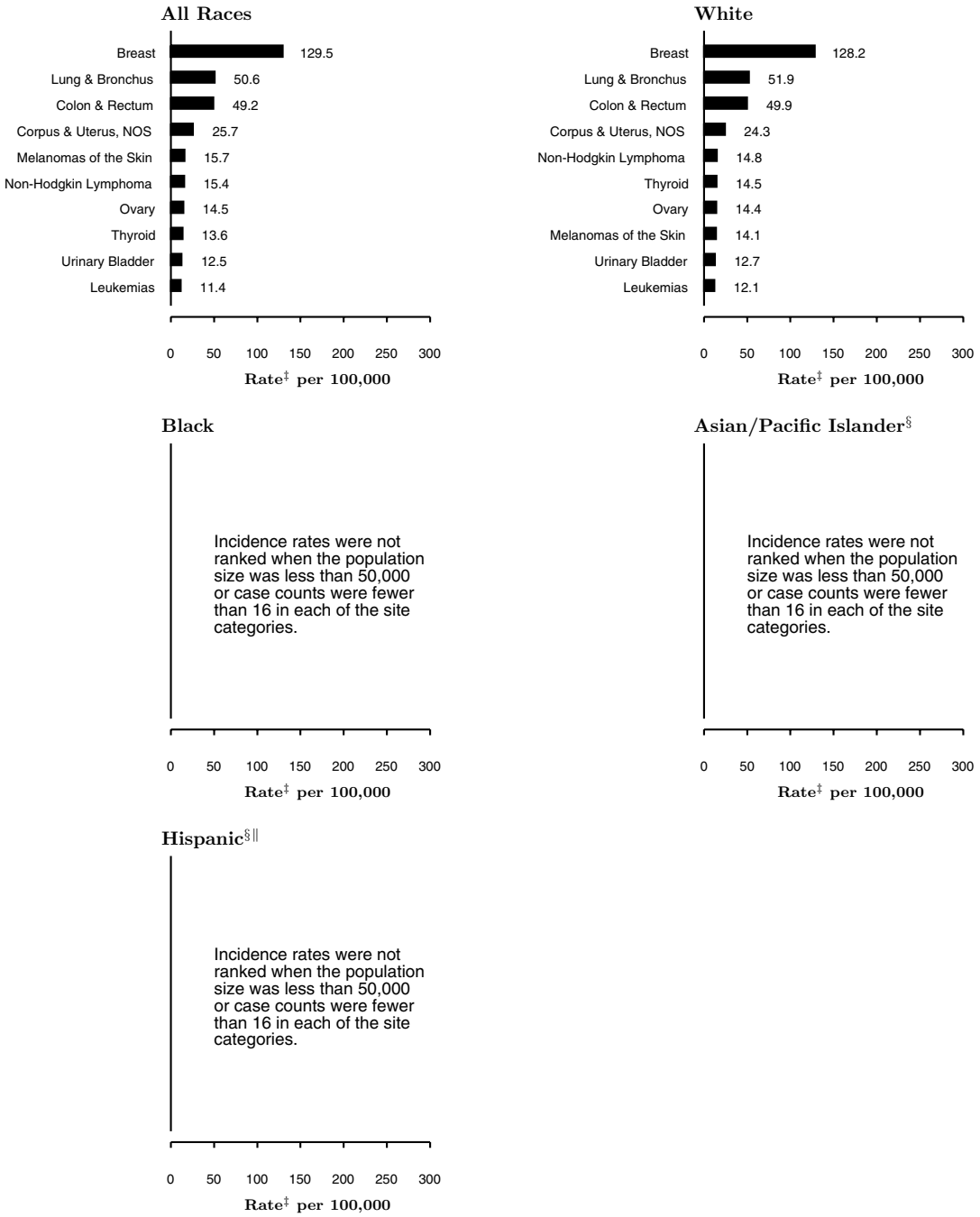
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.46.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Rhode Island,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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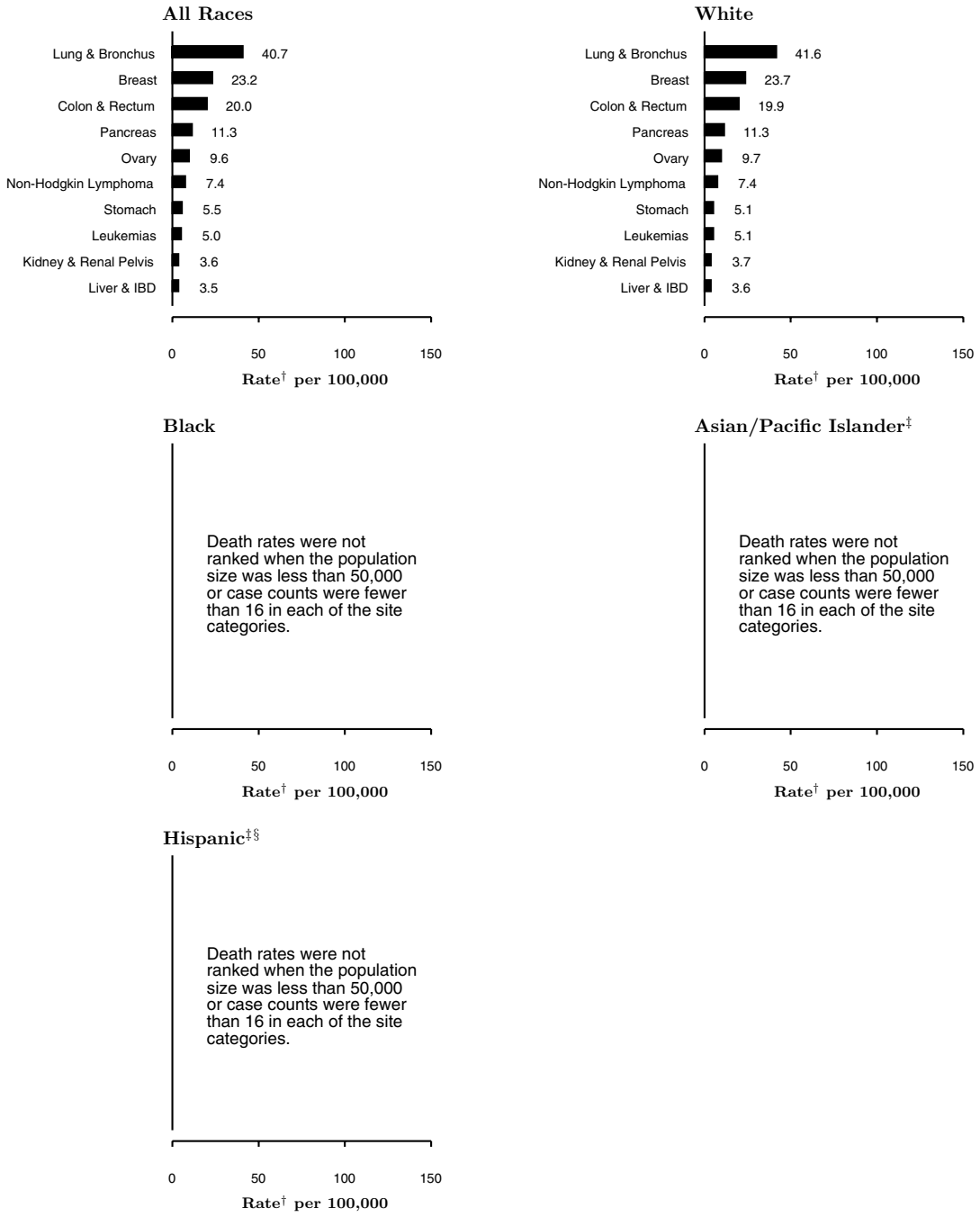
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.46.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

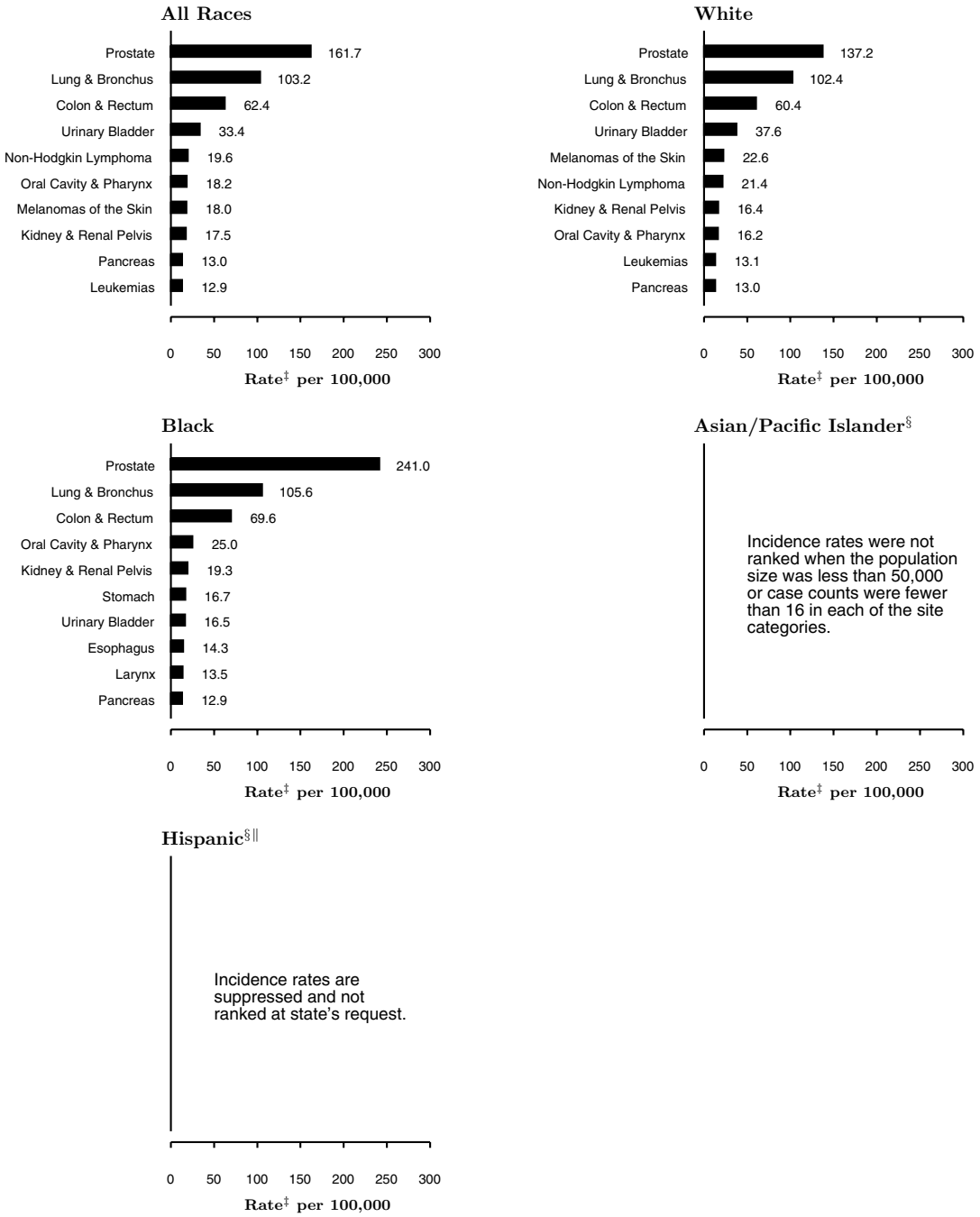
Rhode Island,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.47.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

South Carolina,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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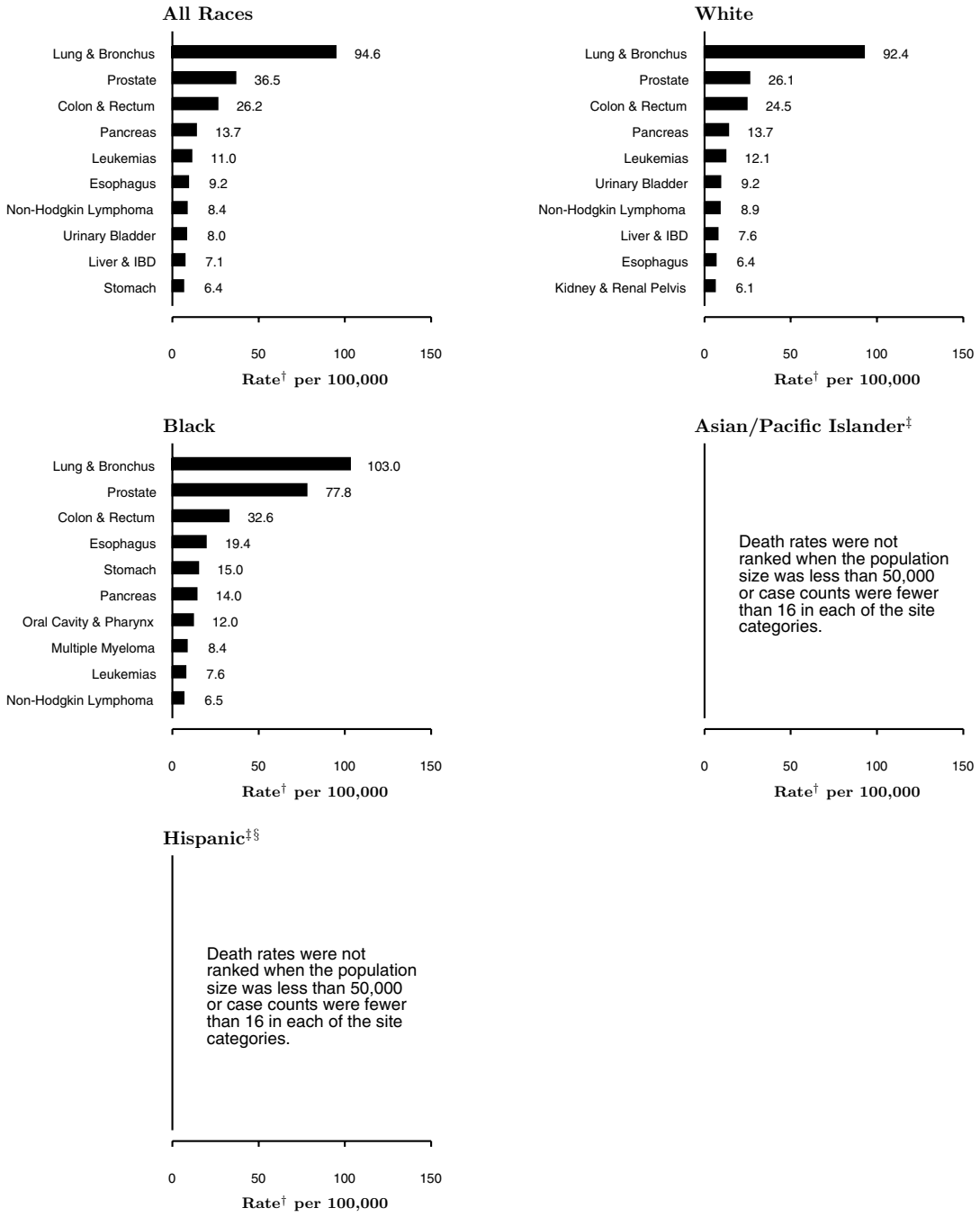
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.47.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

South Carolina,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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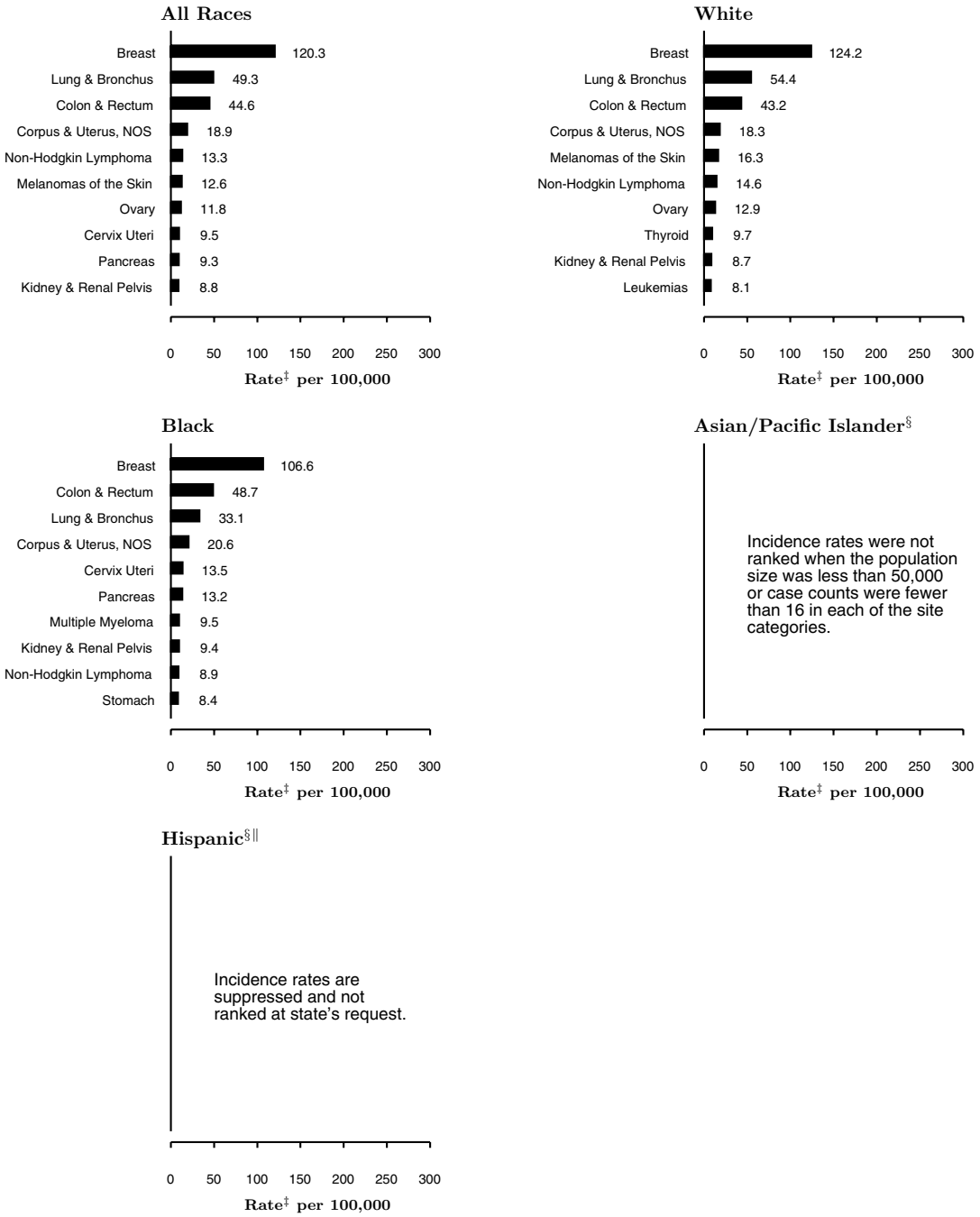
Figure 3.47.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

South Carolina,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

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‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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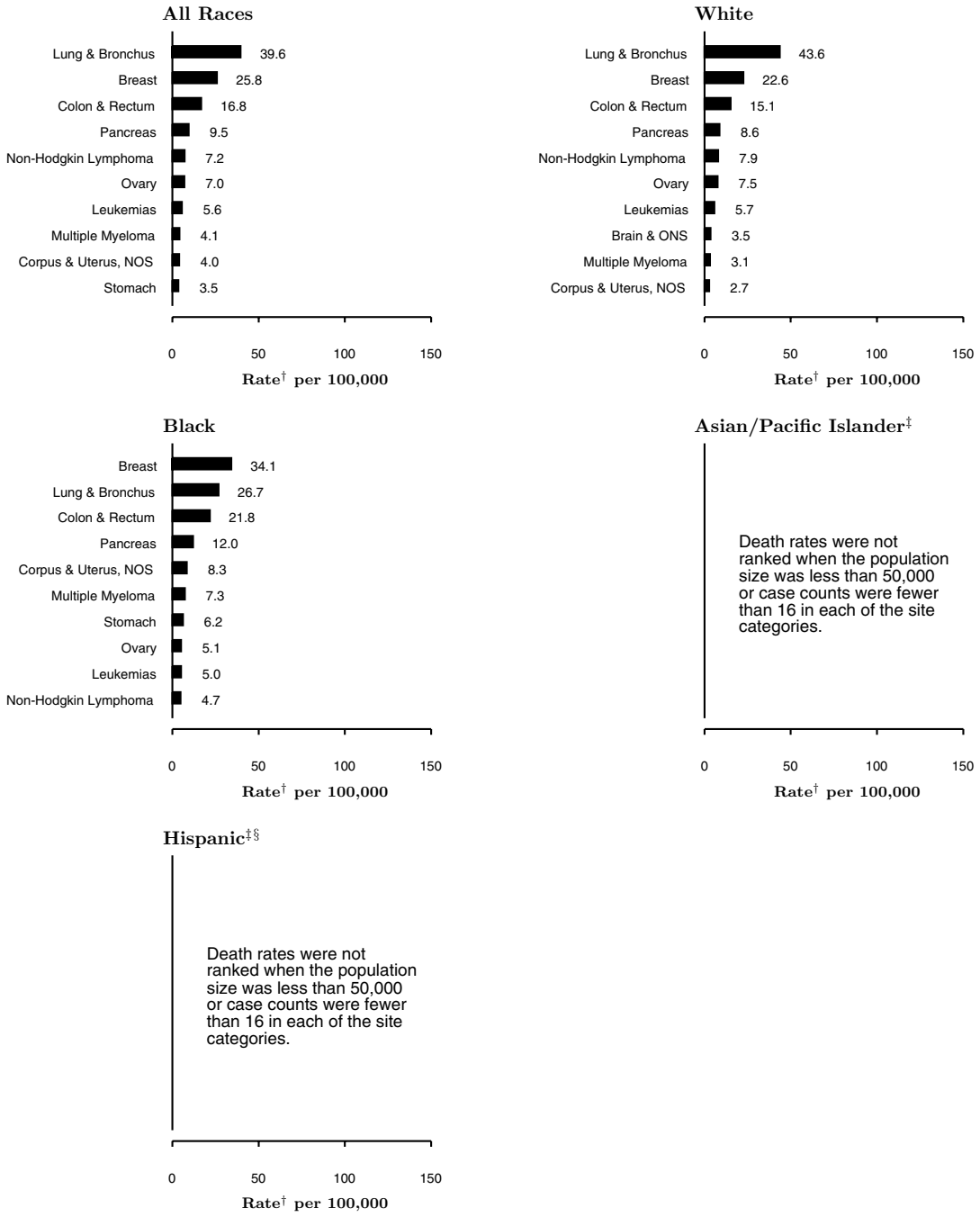
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.47.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

South Carolina,* Females, 2001

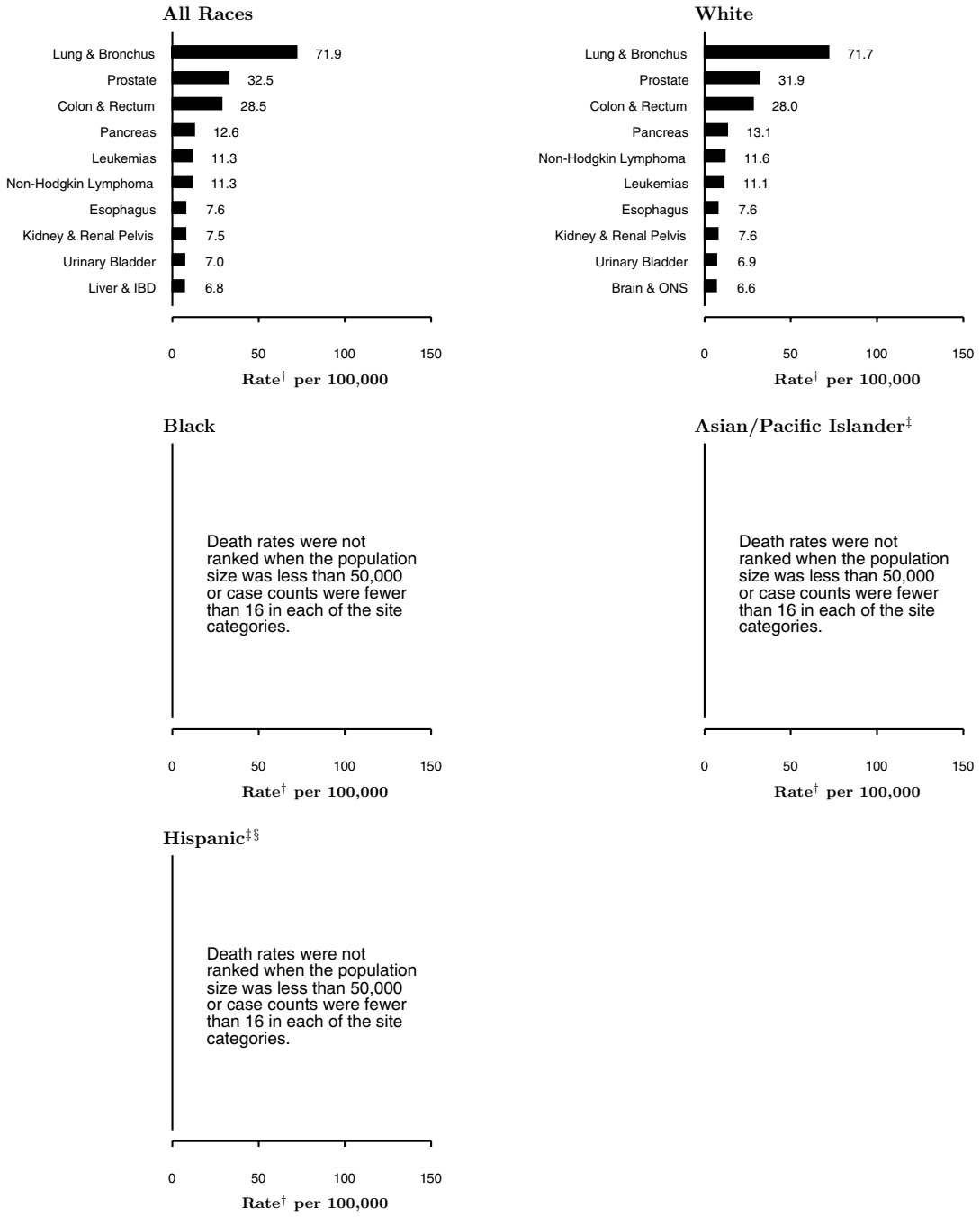


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.48.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

South Dakota,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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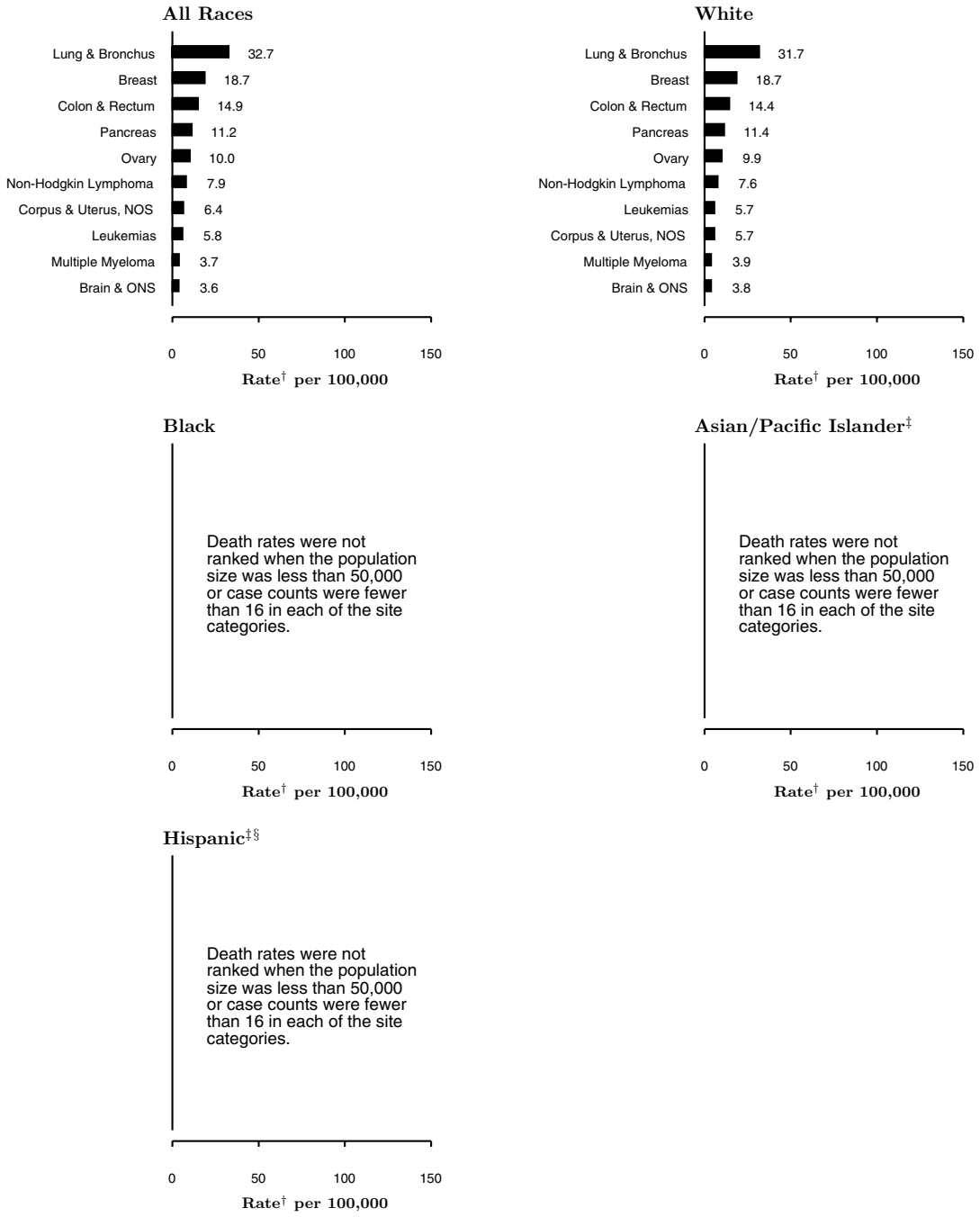
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.48.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

South Dakota,* Females, 2001

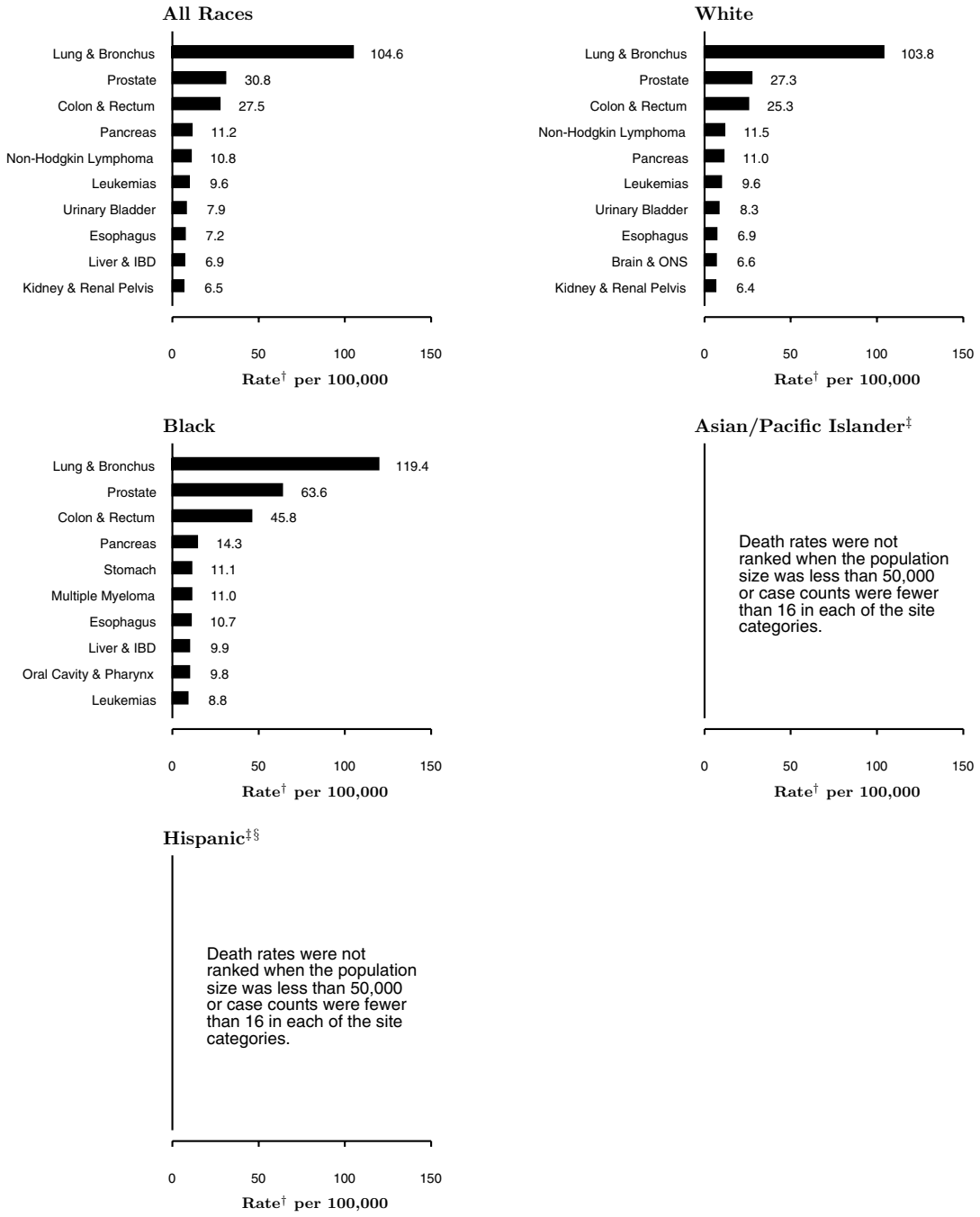


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.49.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Tennessee,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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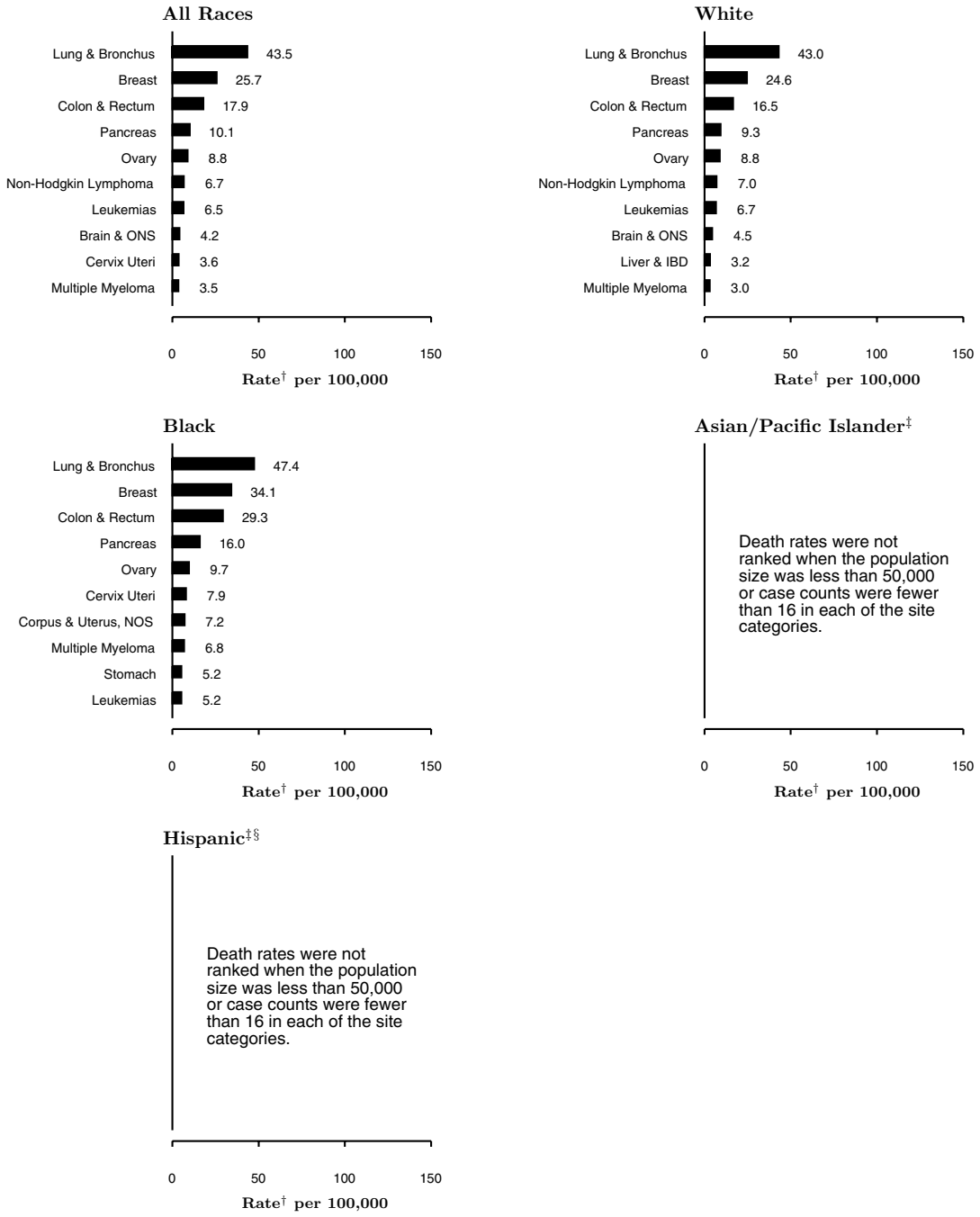
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.49.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

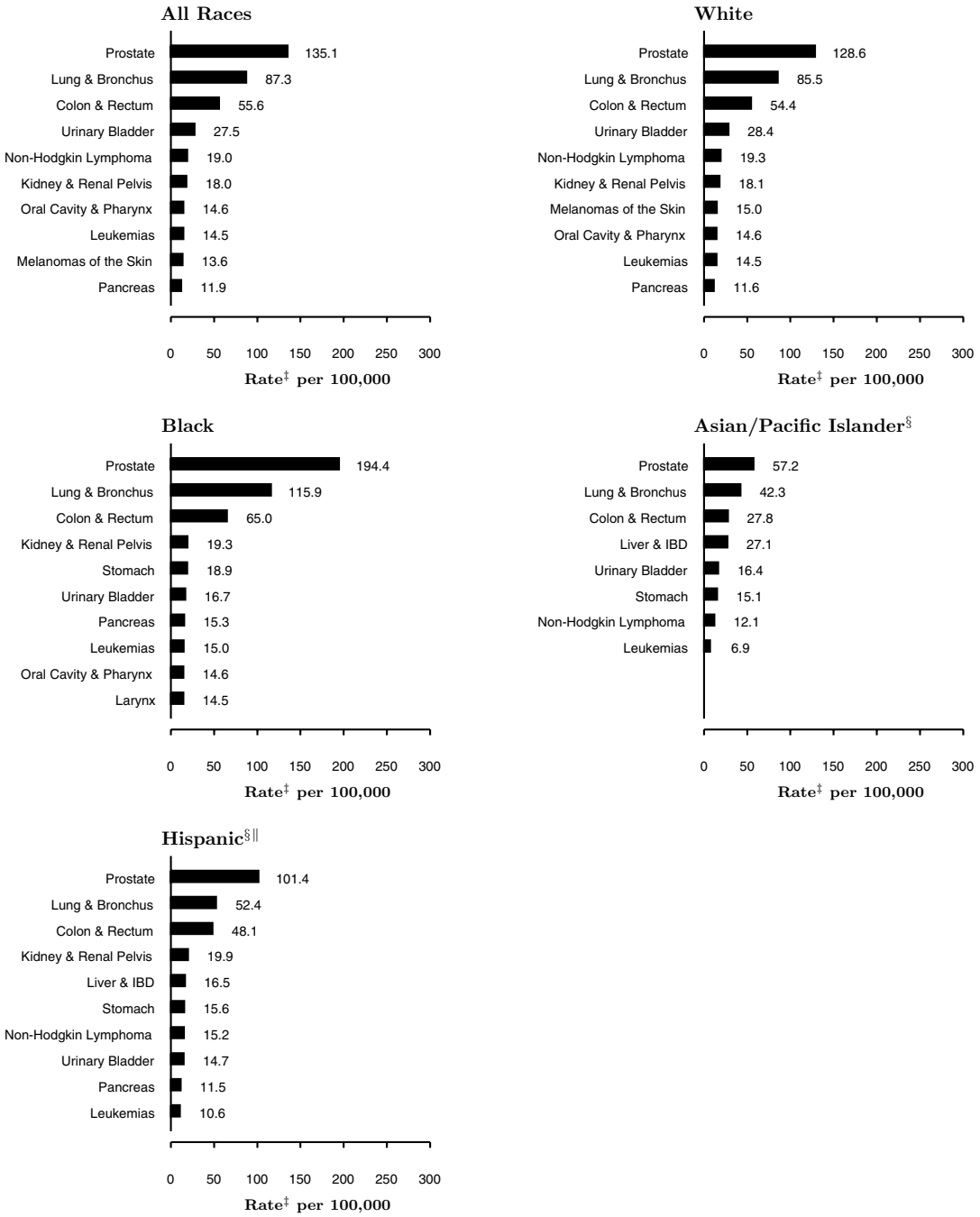
Tennessee,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.50.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Texas,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

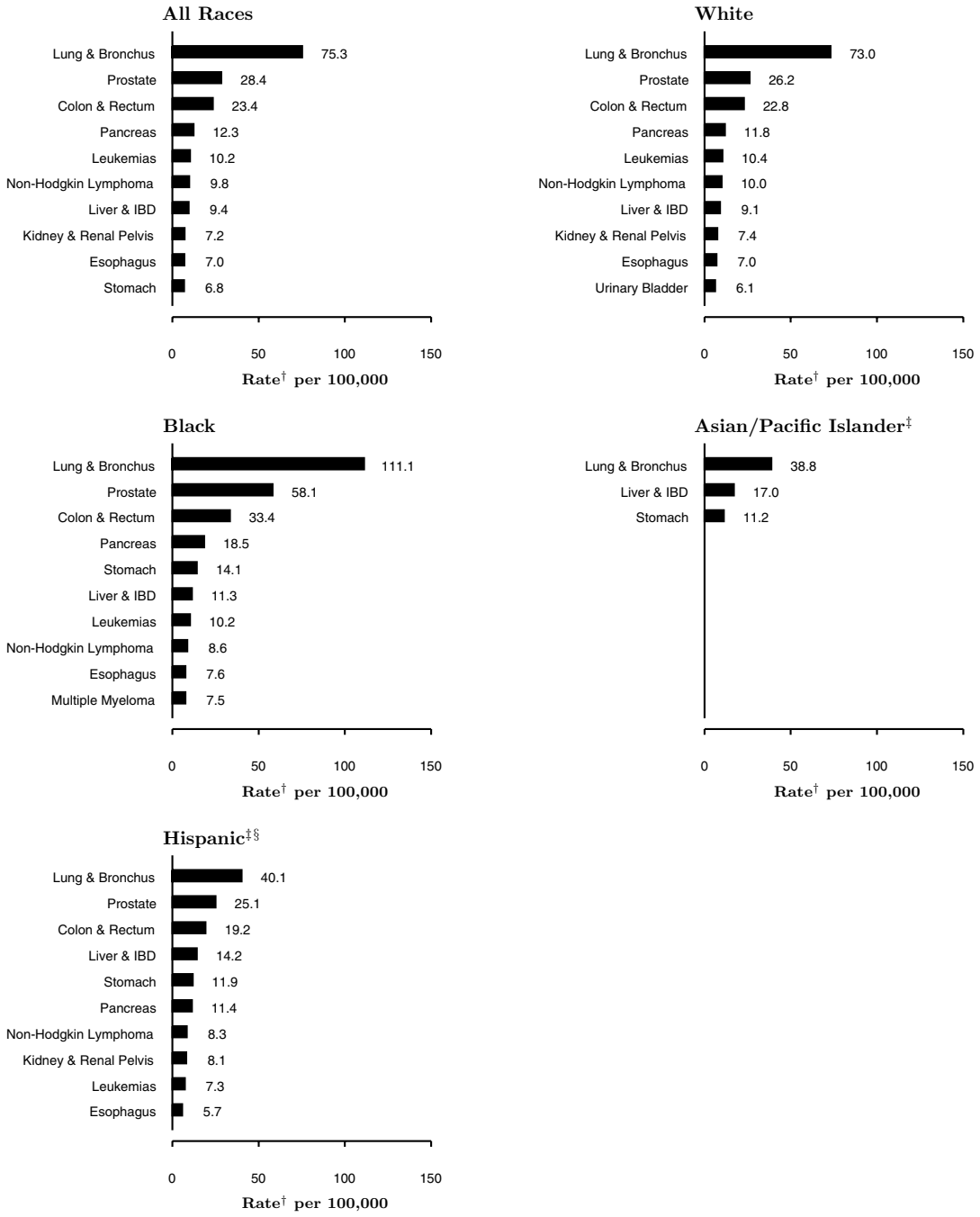
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.50.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Texas,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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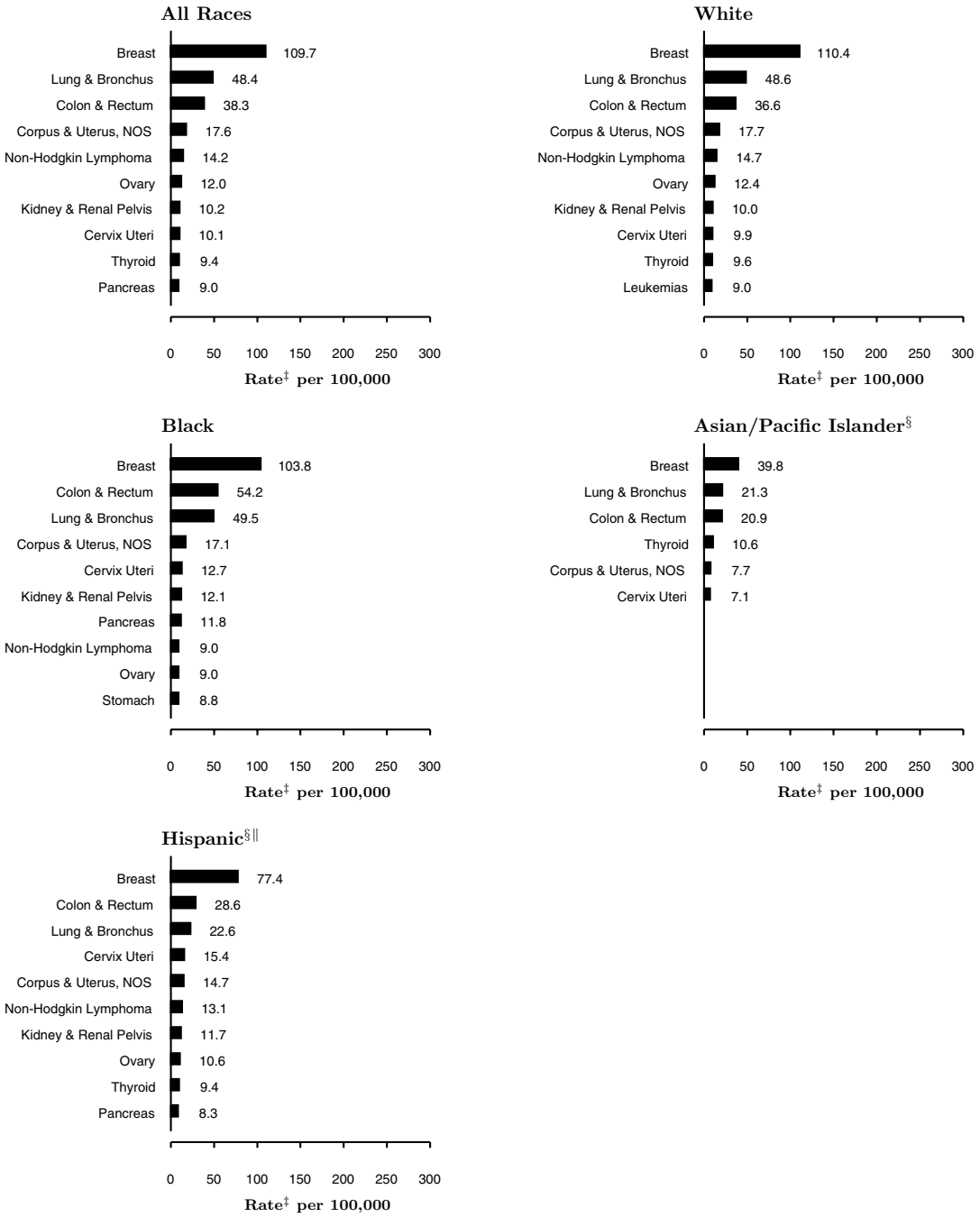
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.50.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Texas,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

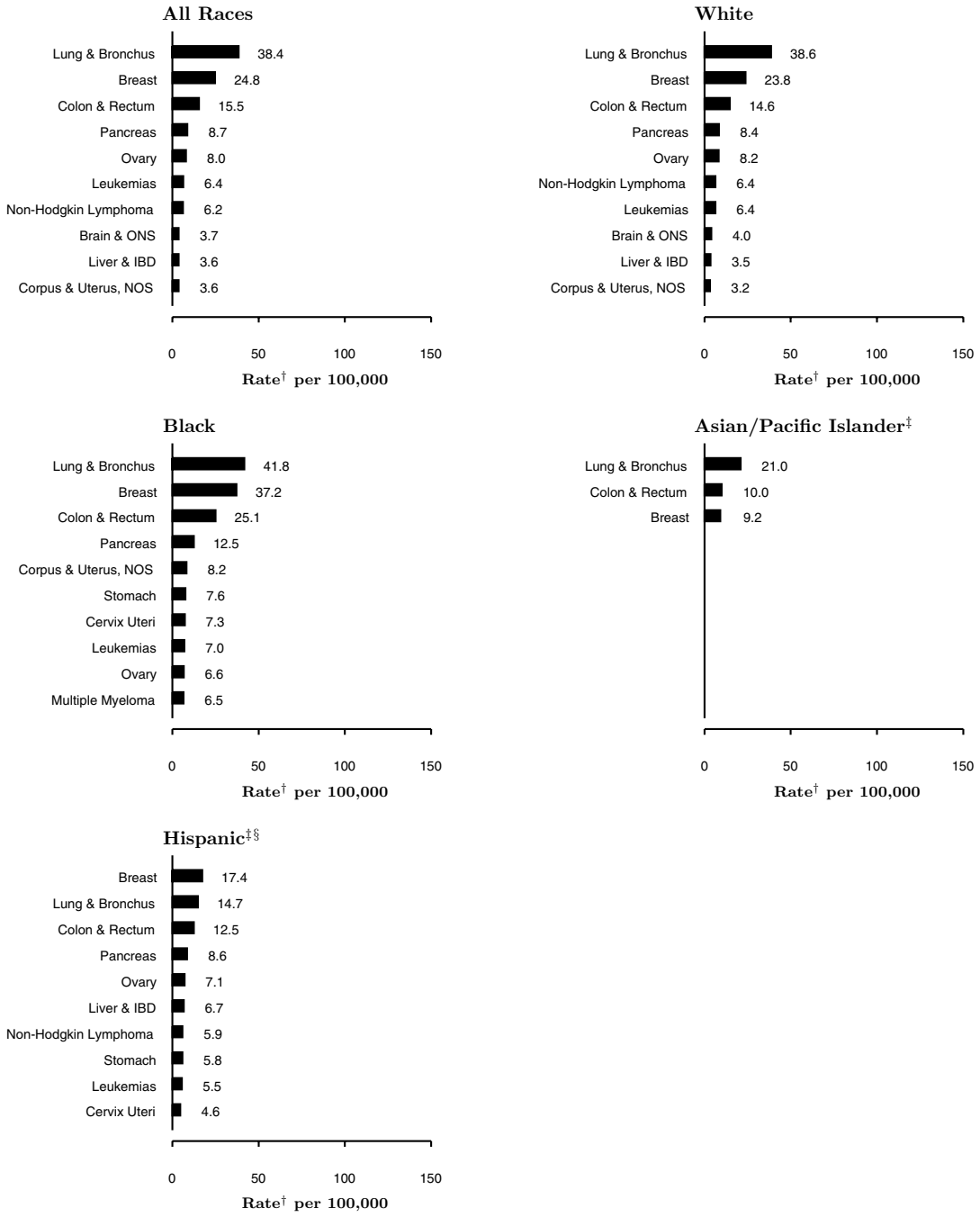
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.50.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

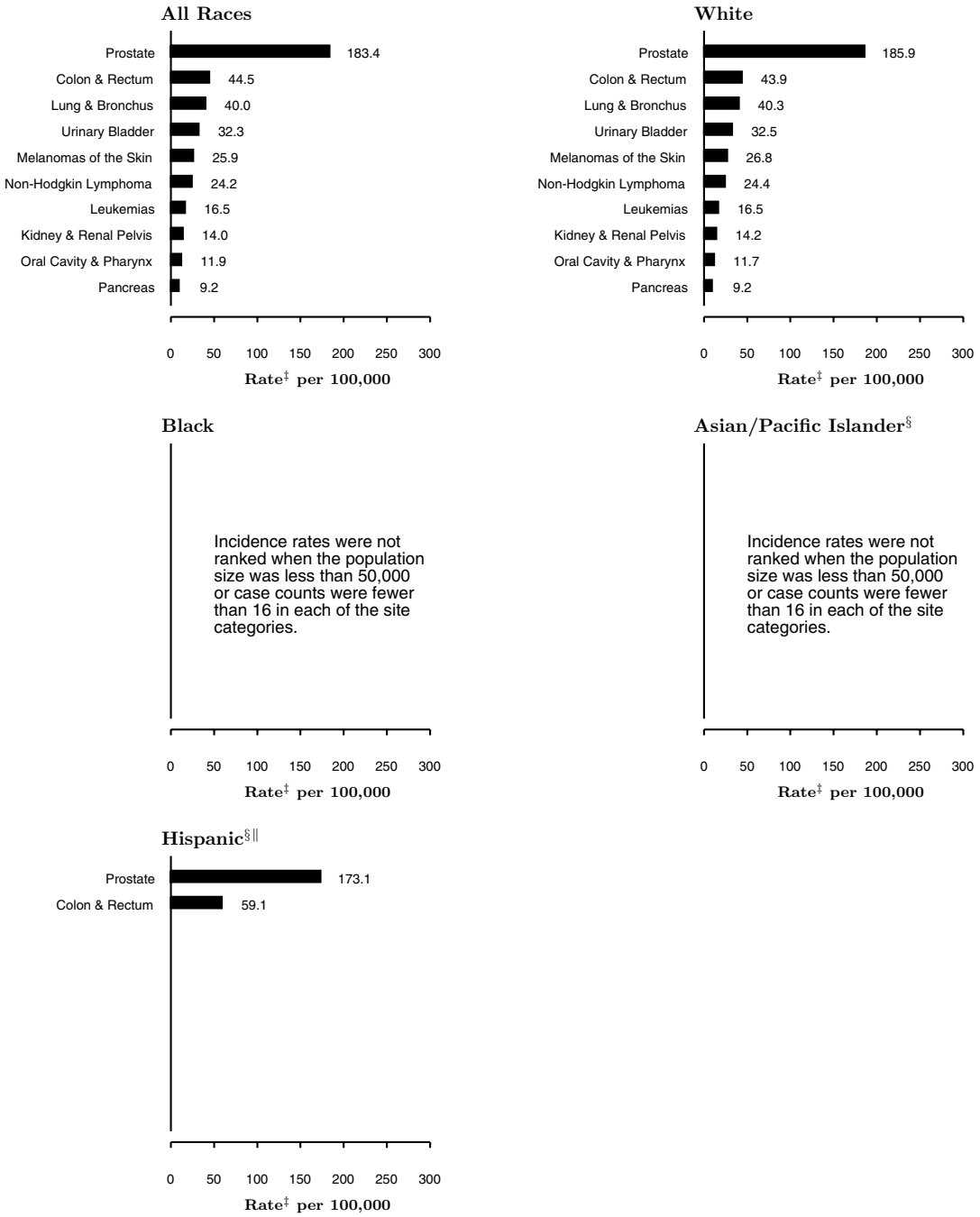
Texas,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.51.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Utah,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

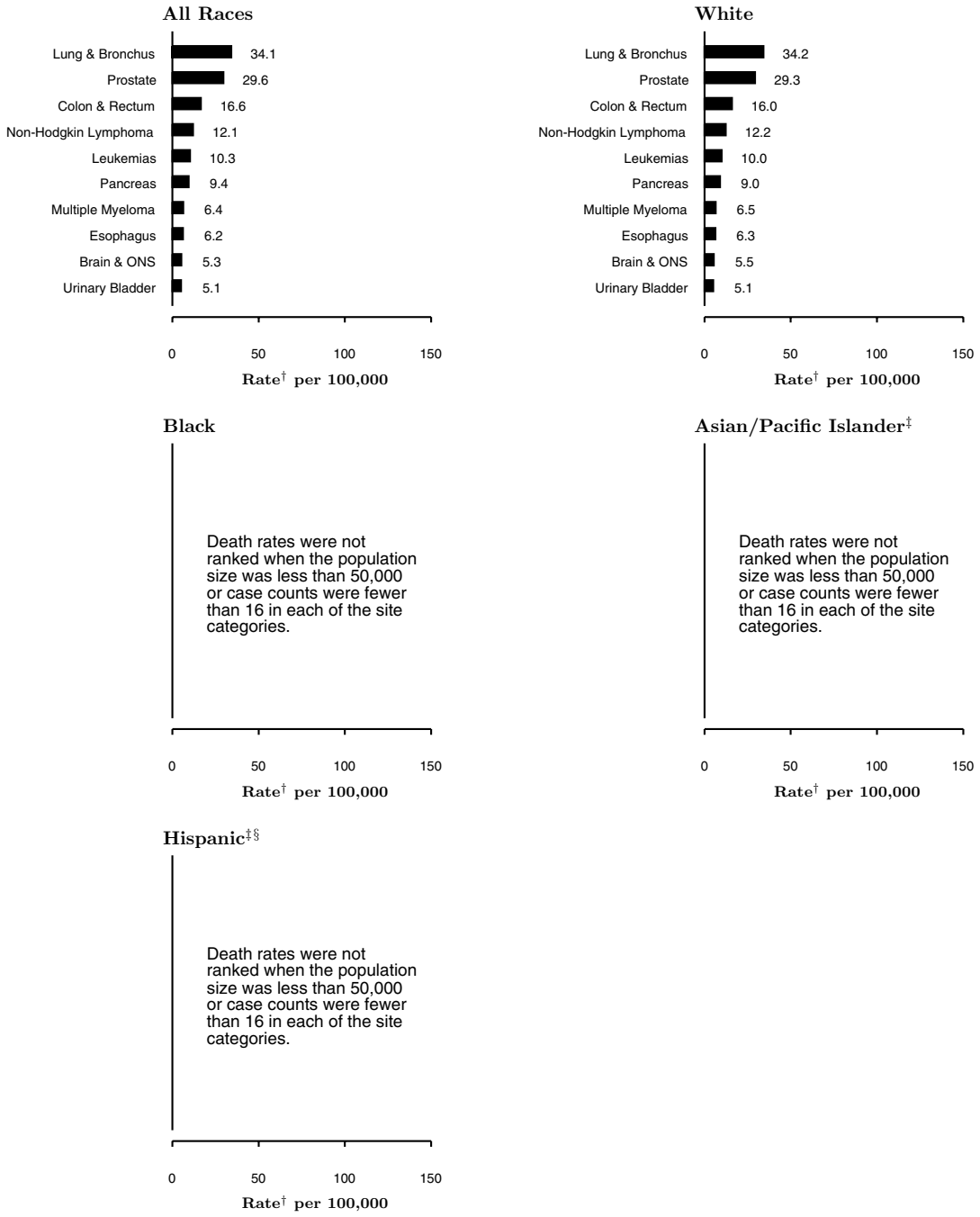
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.51.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

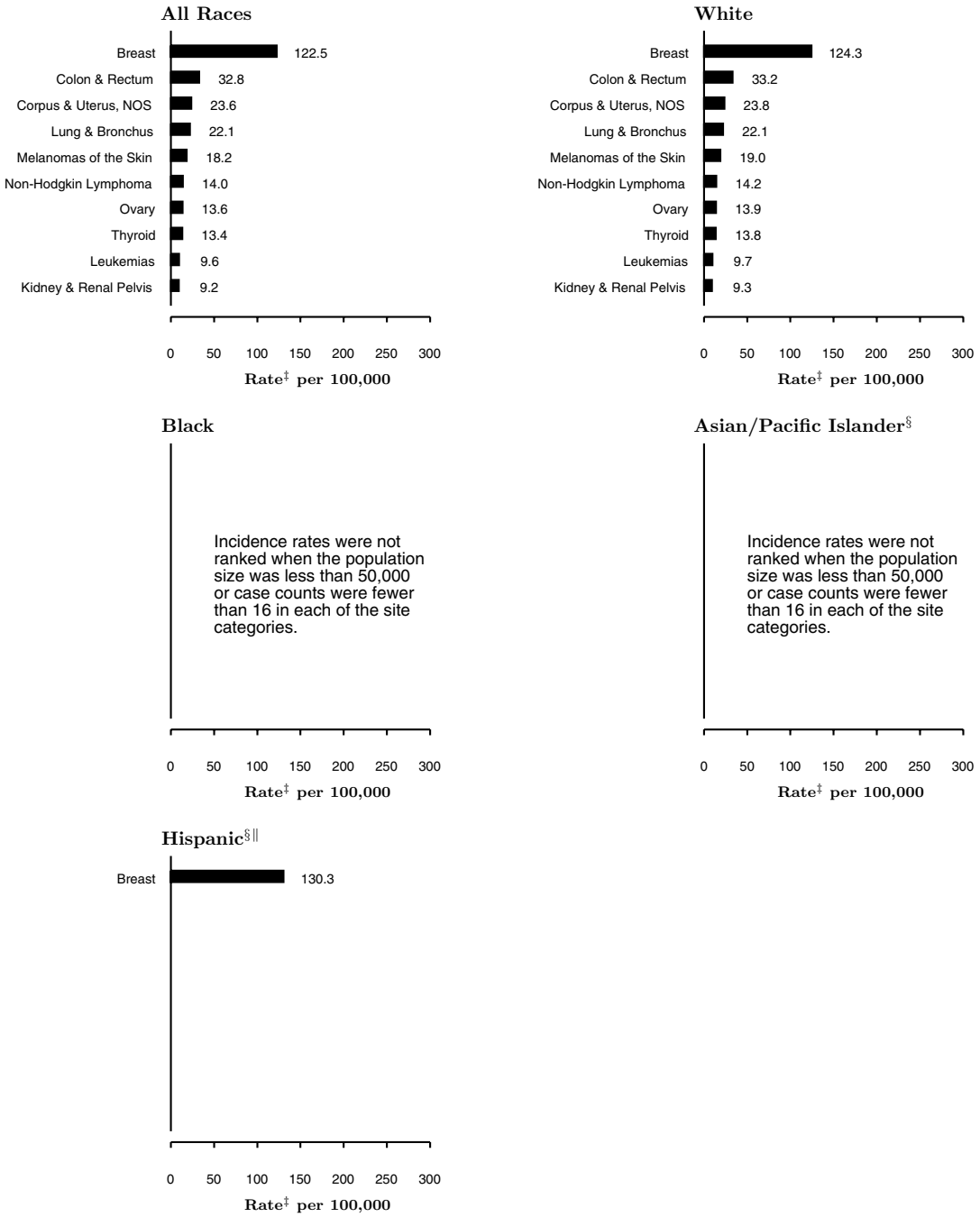
Utah,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.51.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Utah,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

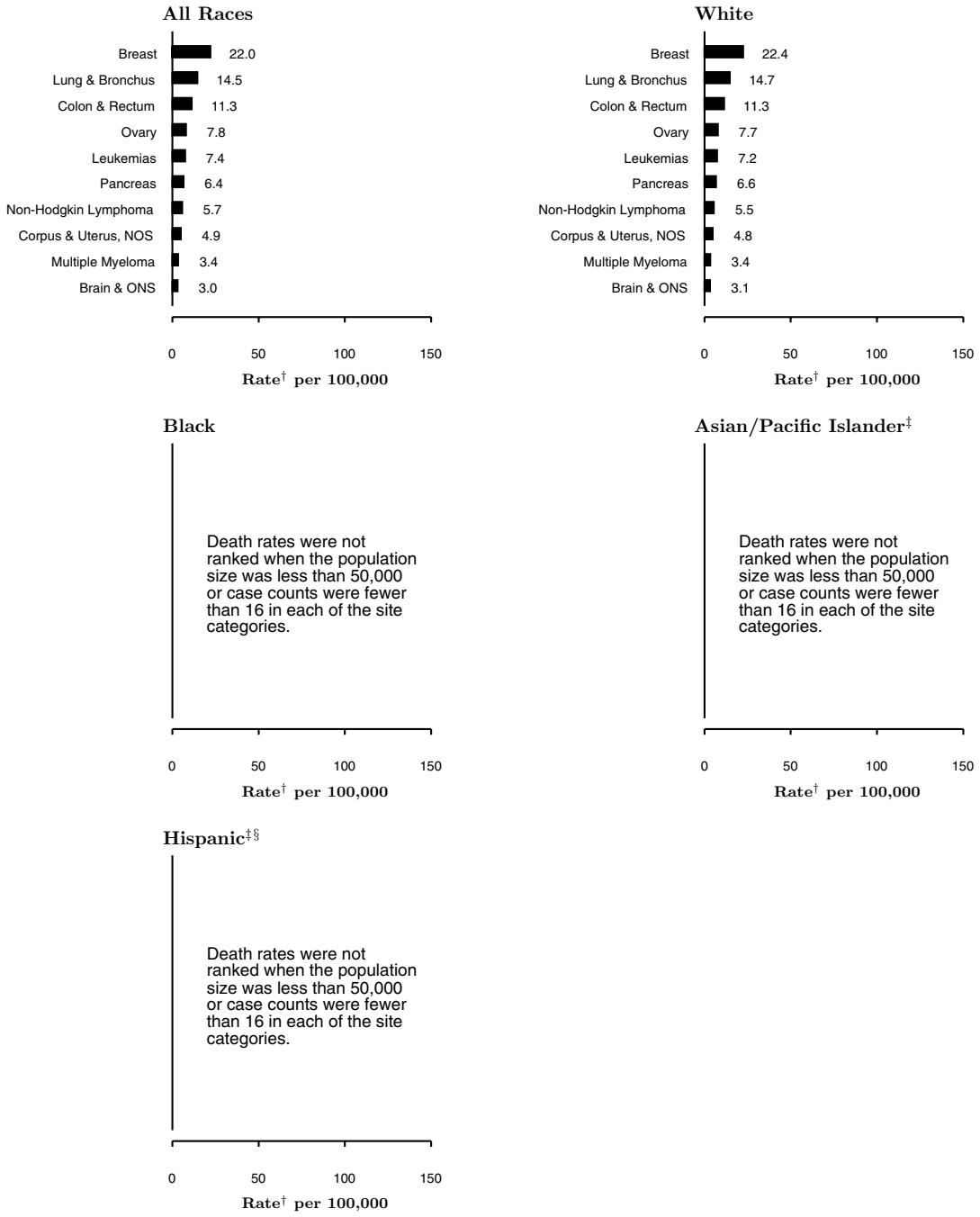
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.51.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

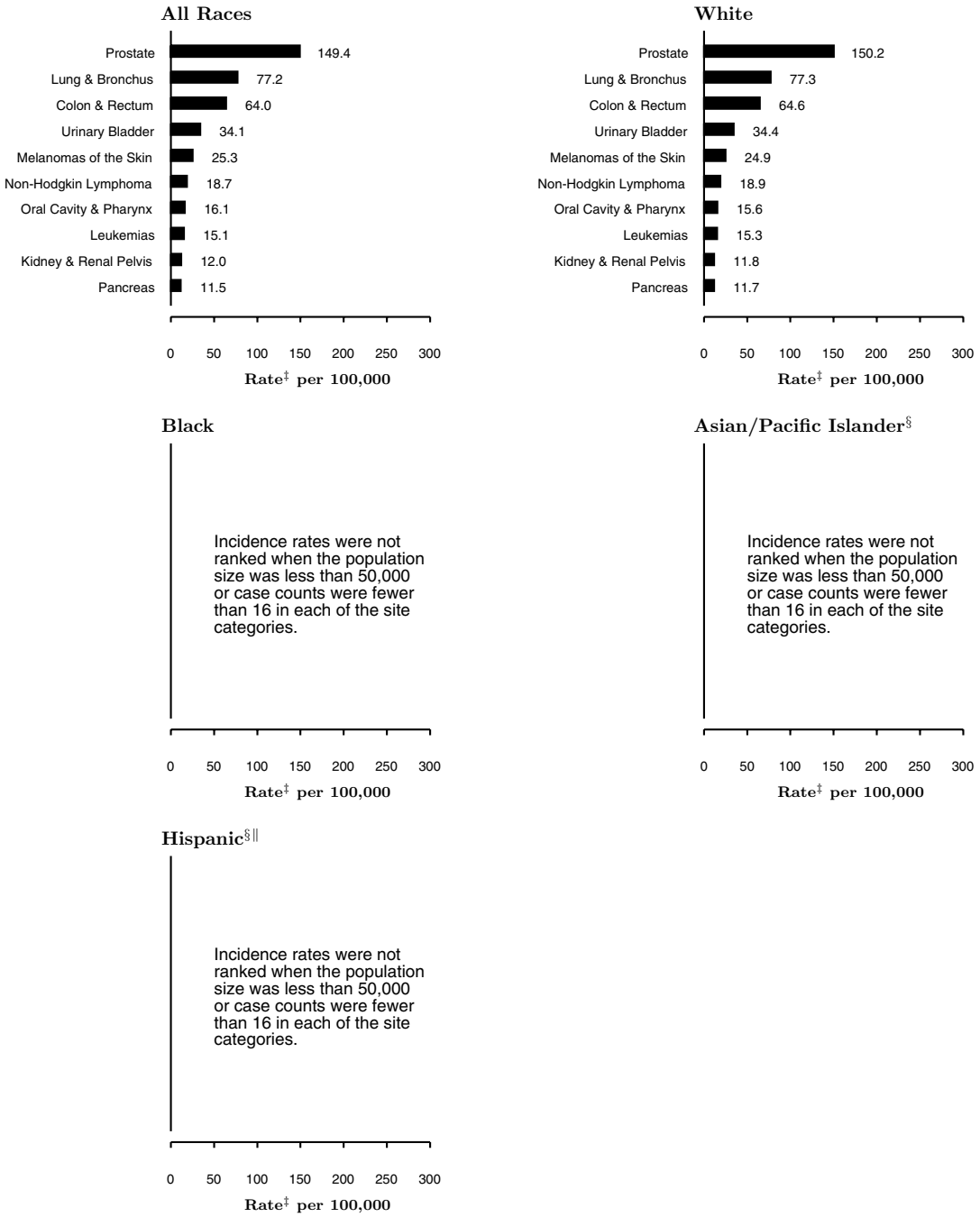
Utah,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.52.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Vermont,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

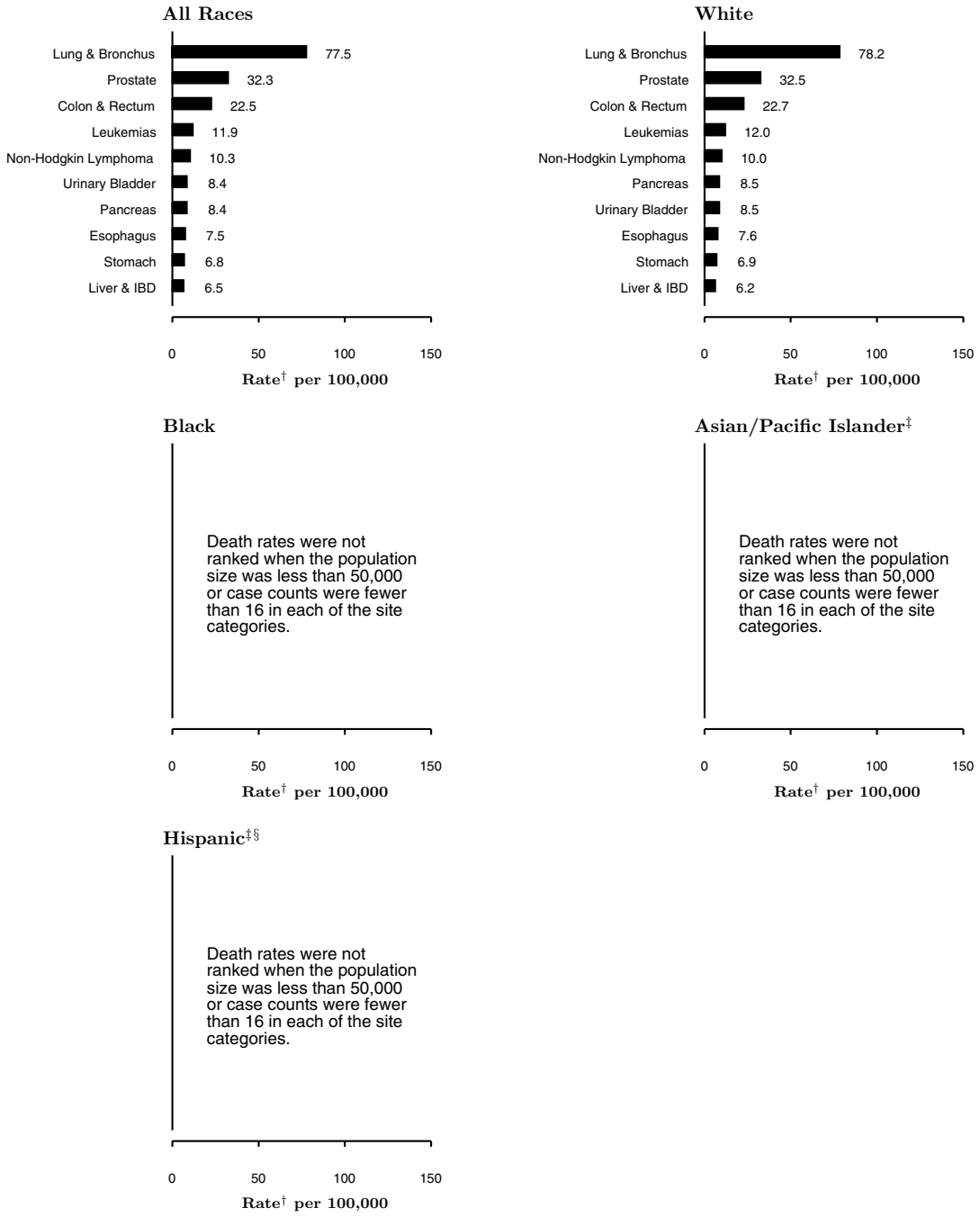
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.52.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

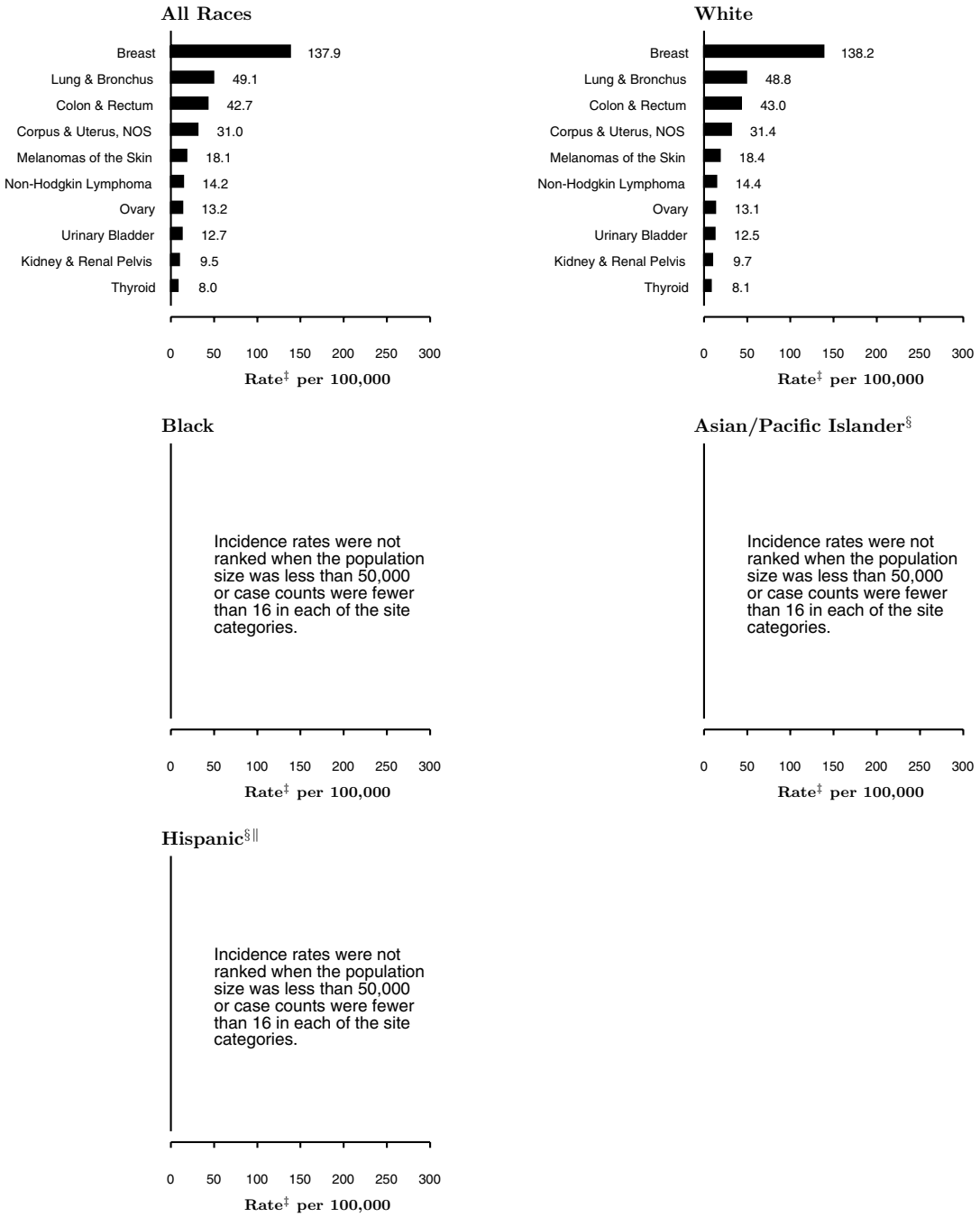
Vermont,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.52.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Vermont,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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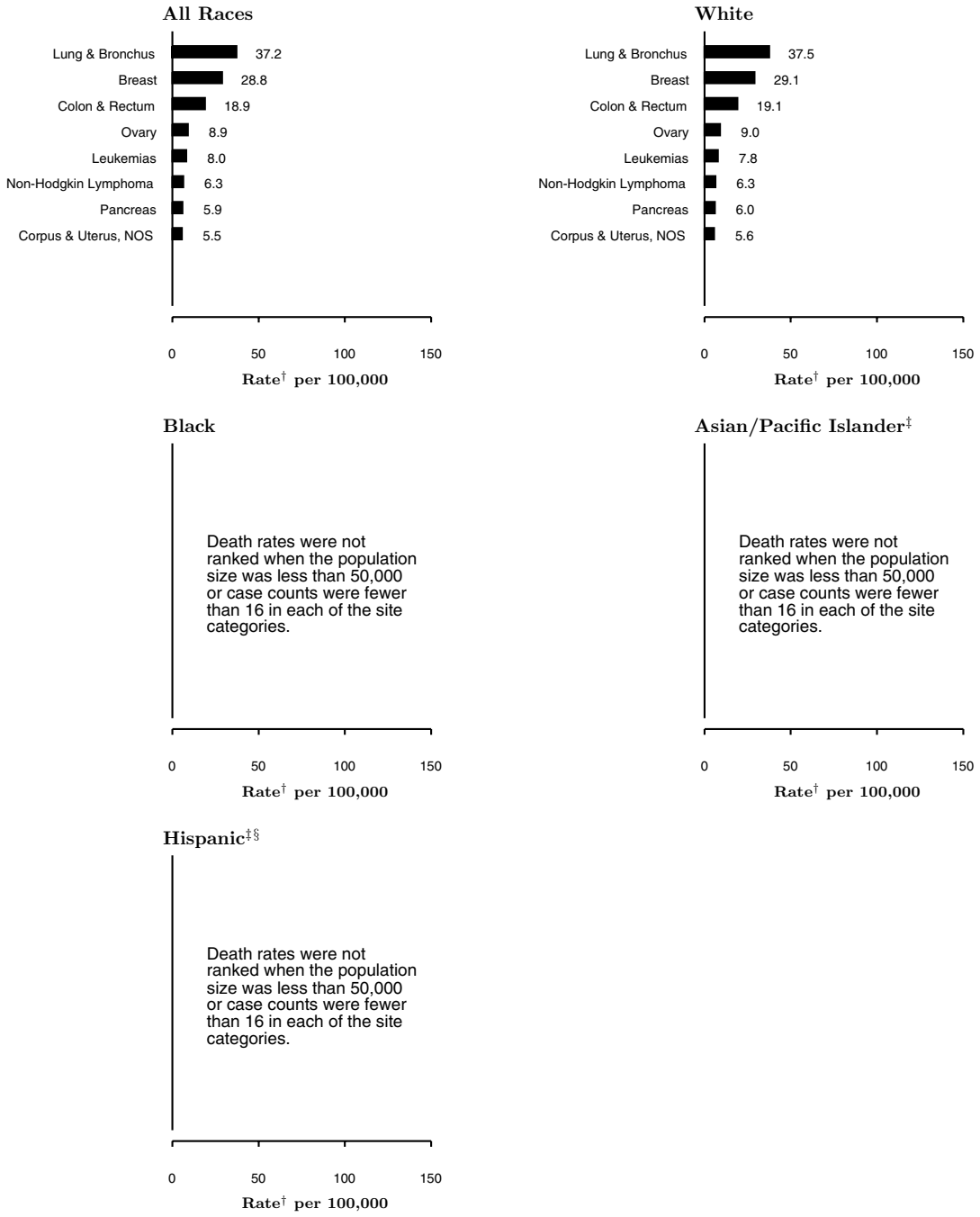
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.52.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Vermont,* Females, 2001

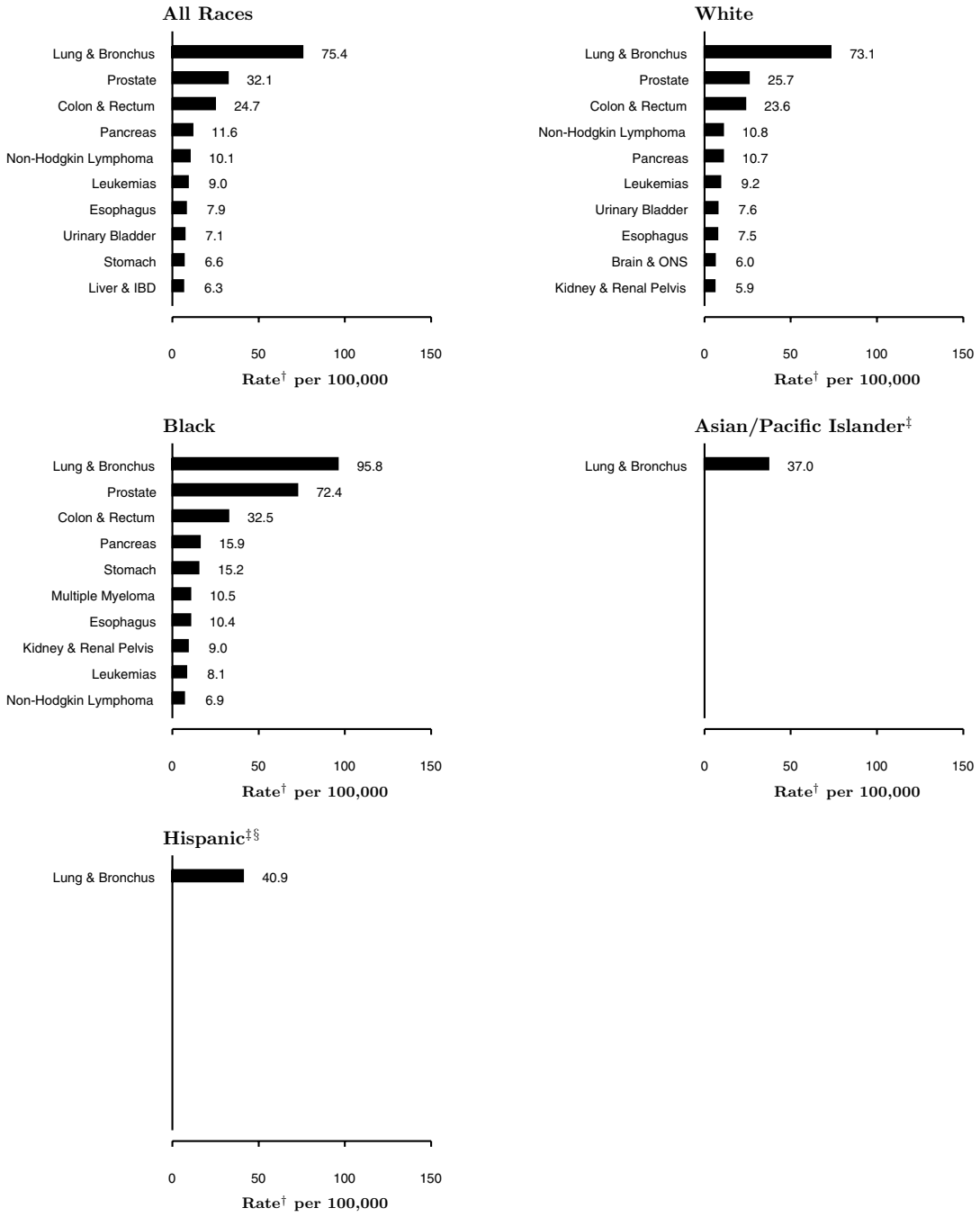


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.53.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Virginia,* Males, 2001

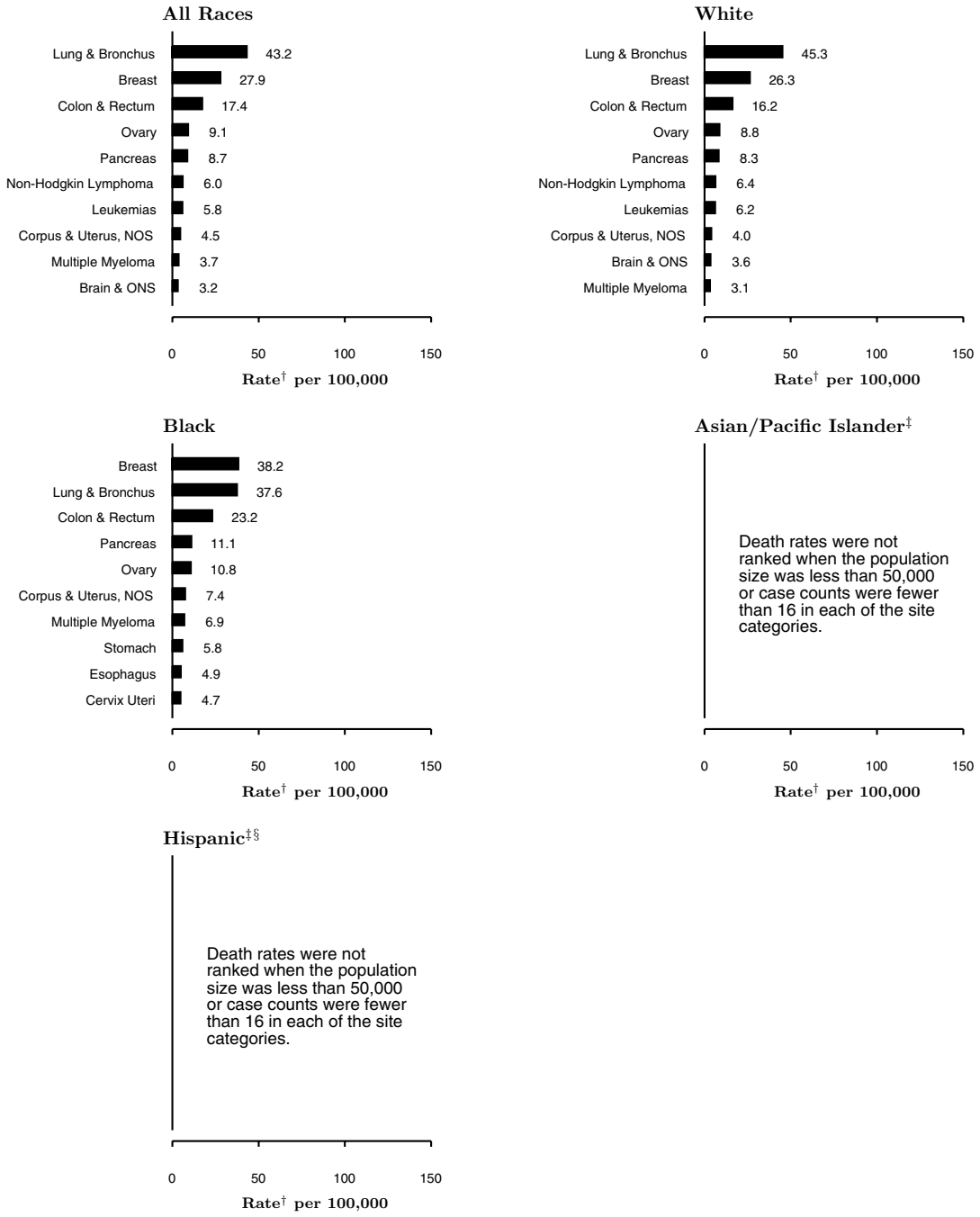


* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Incidence data are not presented for states that did not meet the USCS data quality criteria.

Figure 3.53.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

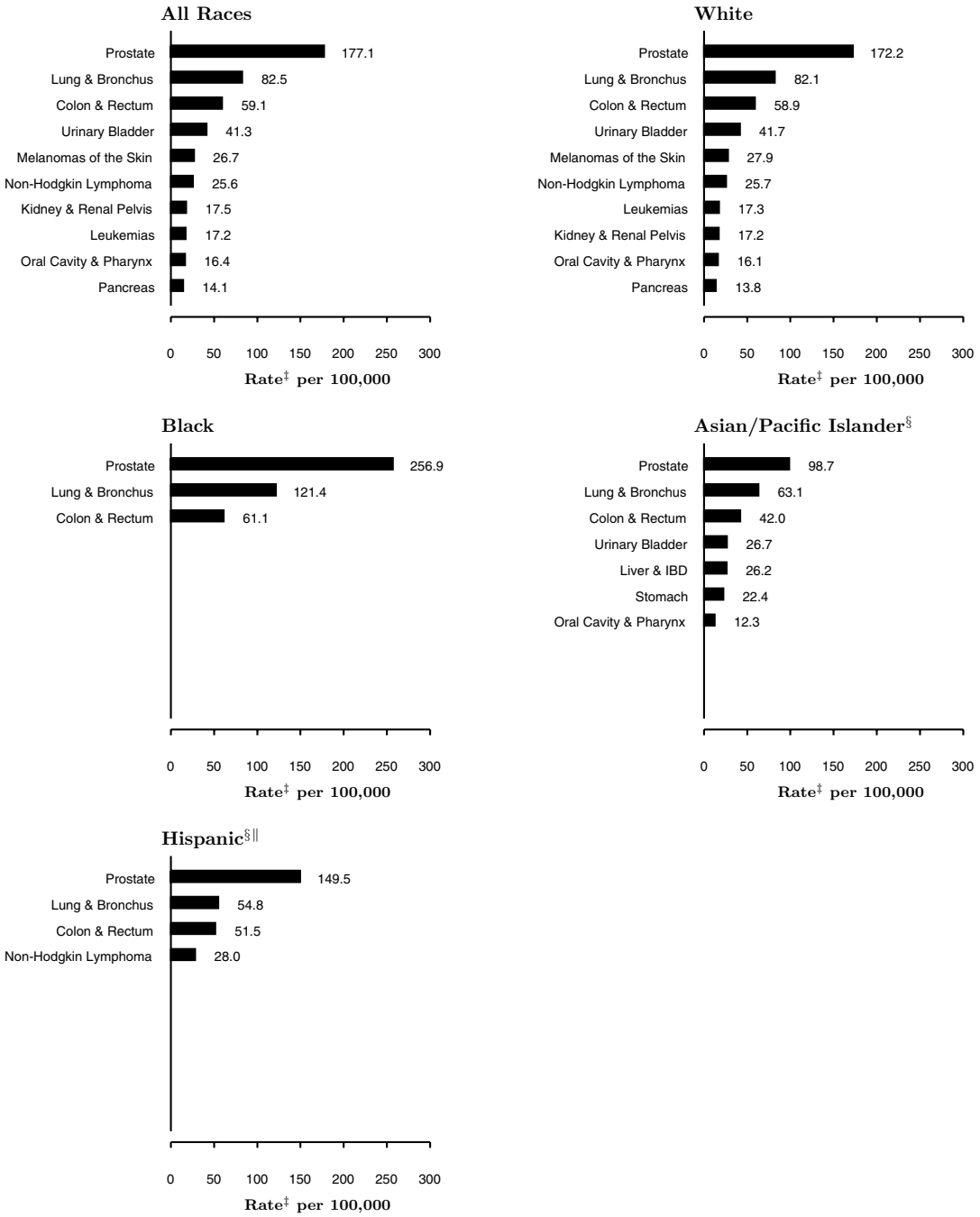
Virginia,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.54.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Washington,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

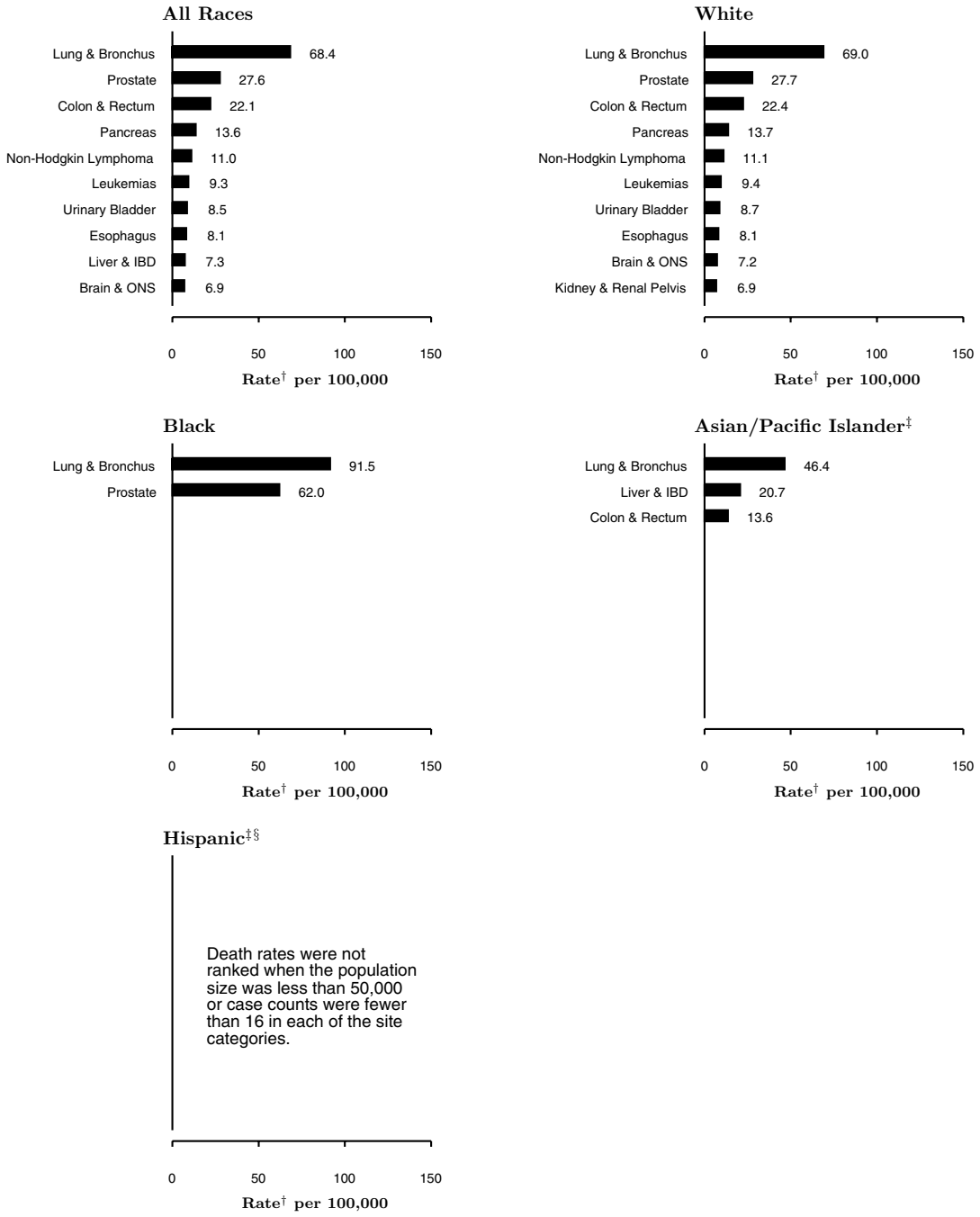
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.54.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Washington,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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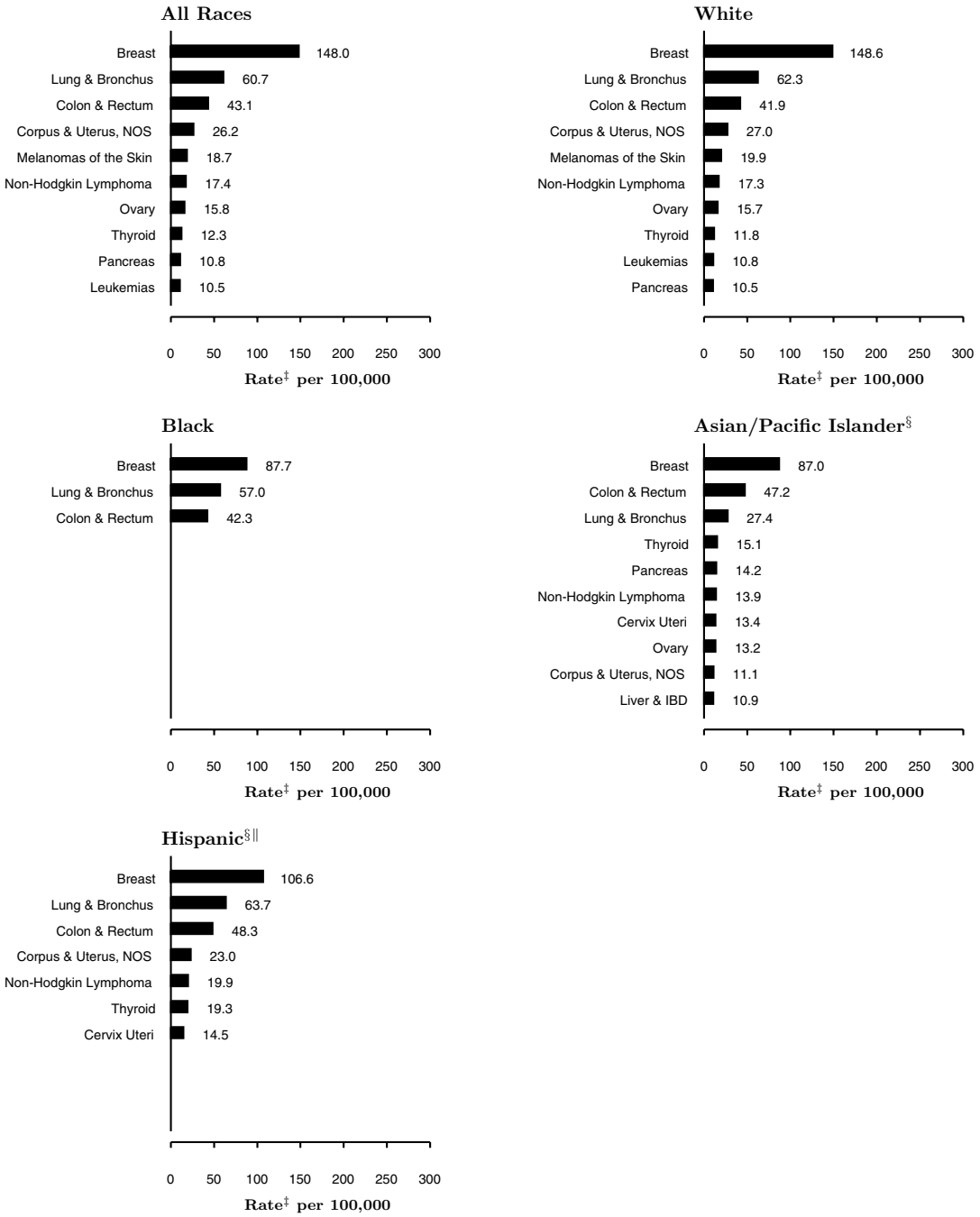
Figure 3.54.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Washington,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

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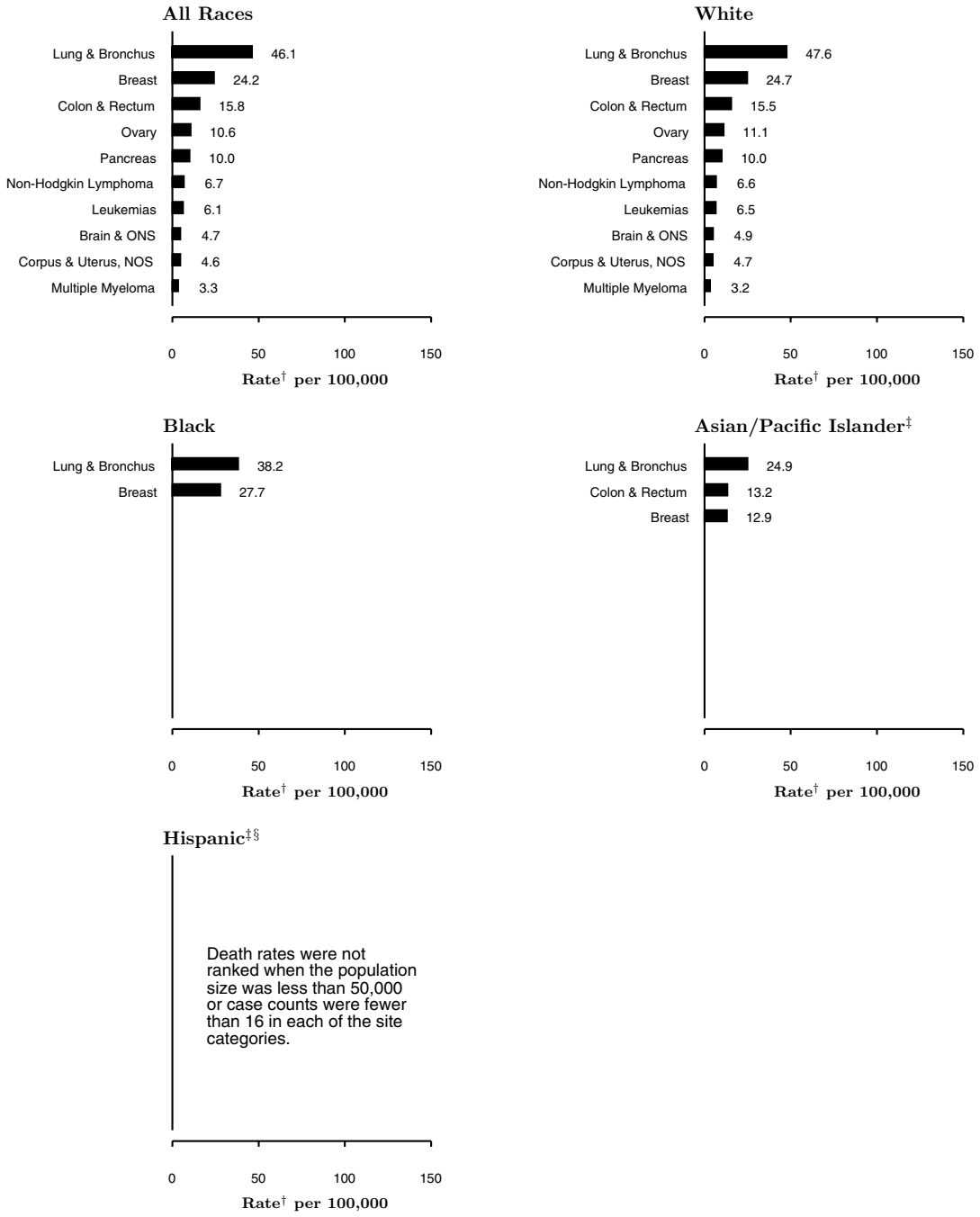
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.54.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Washington,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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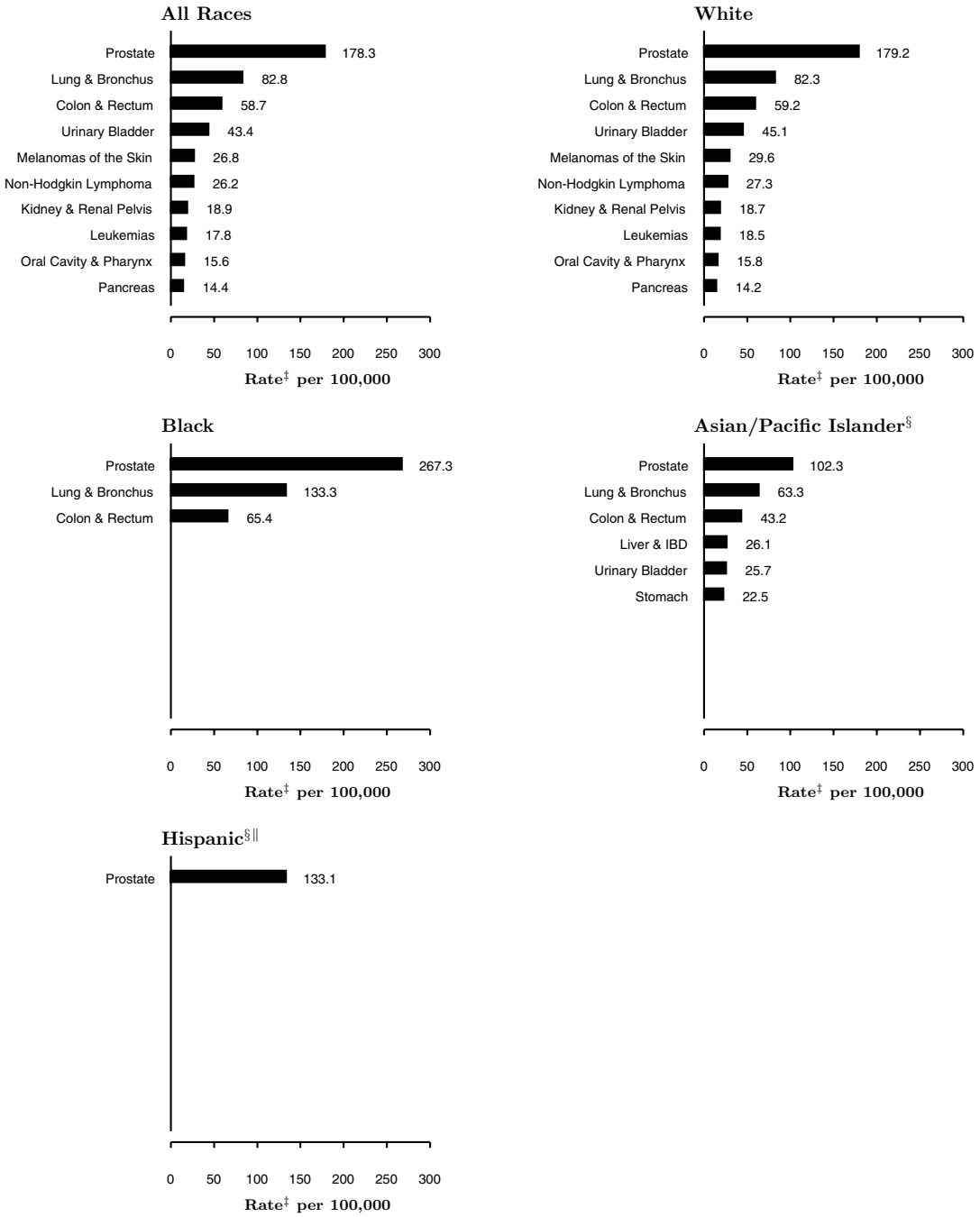
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.55.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Seattle-Puget Sound,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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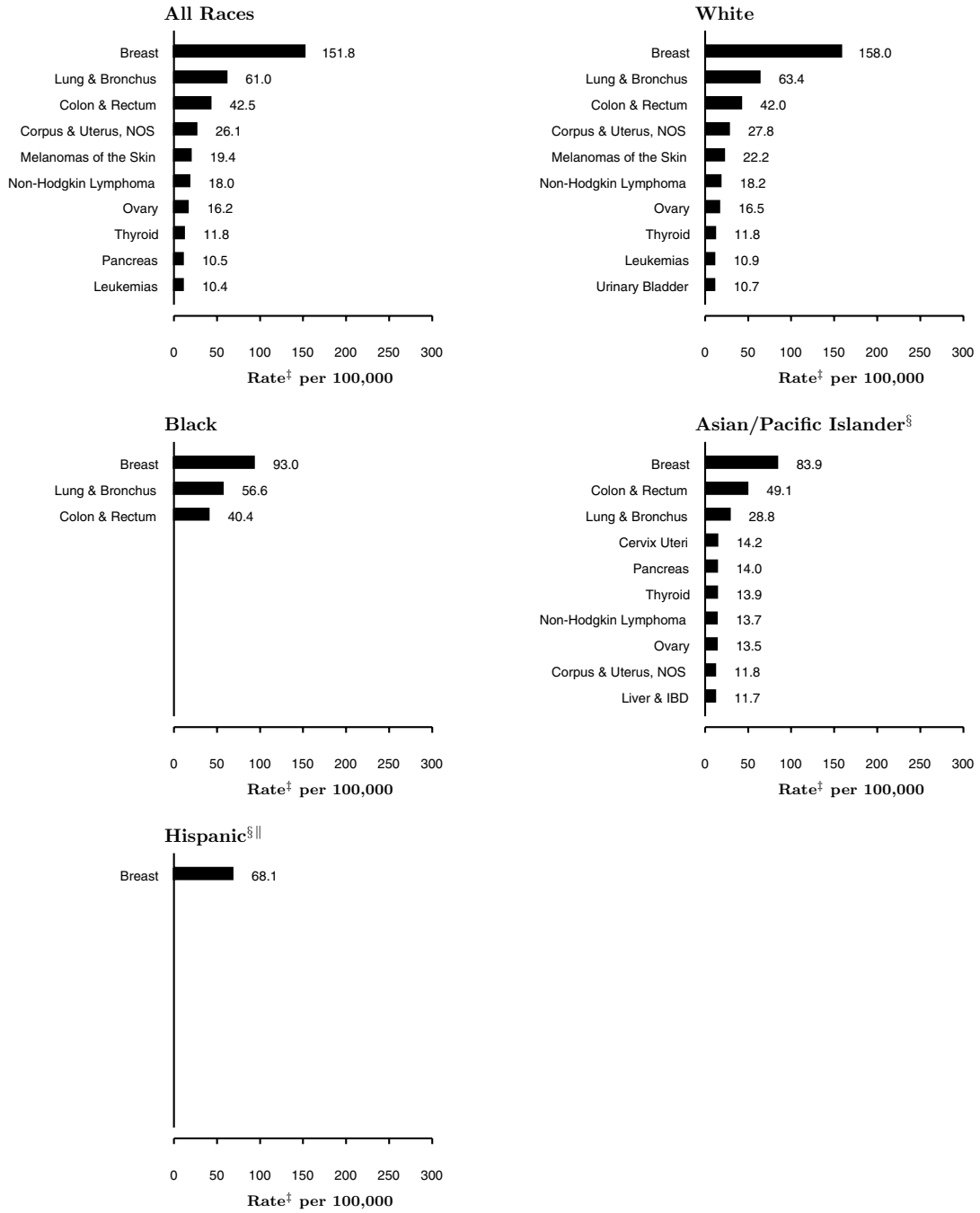
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.55.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Seattle-Puget Sound,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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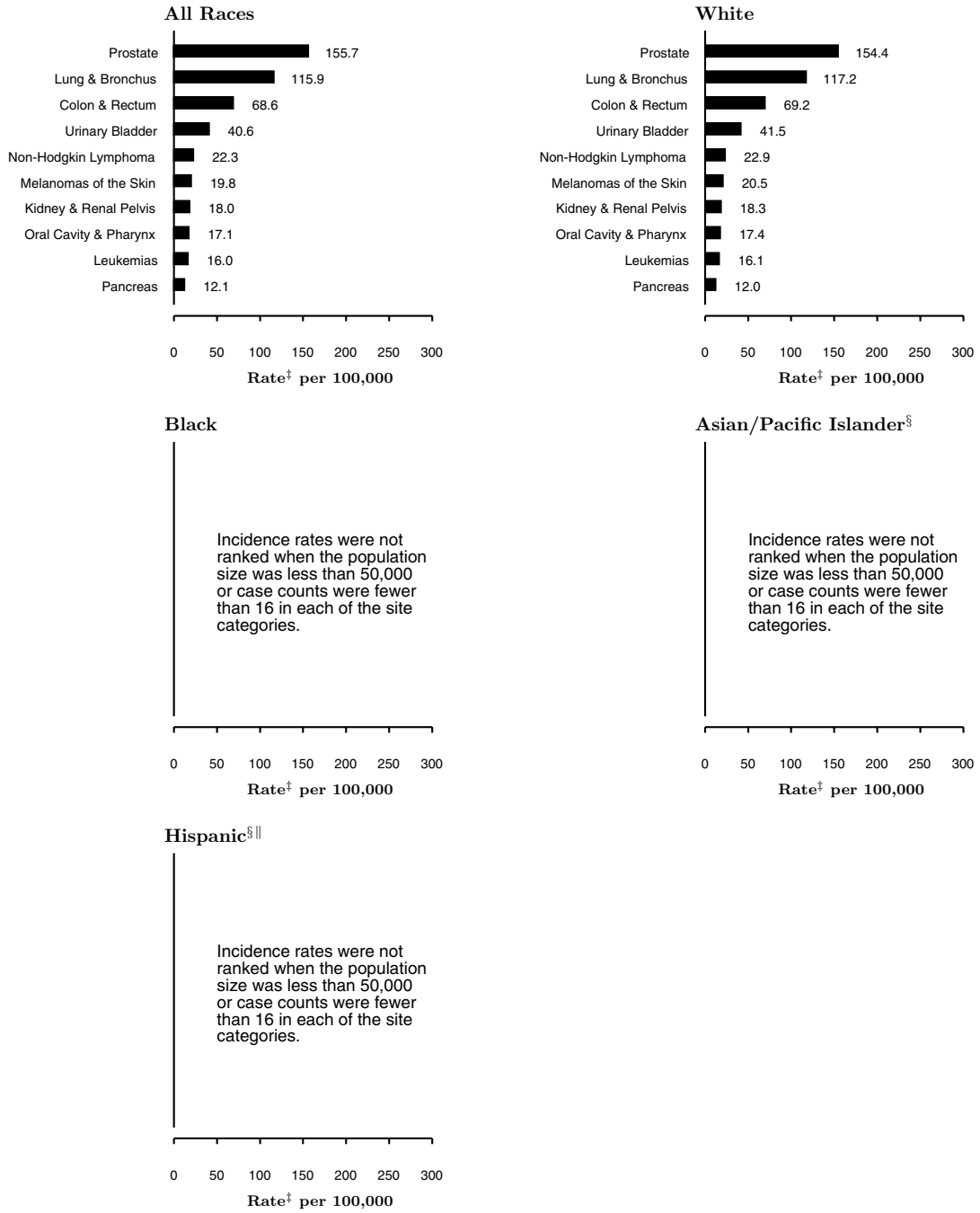
‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Mortality data are not presented for metropolitan areas.

Figure 3.56.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

West Virginia,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

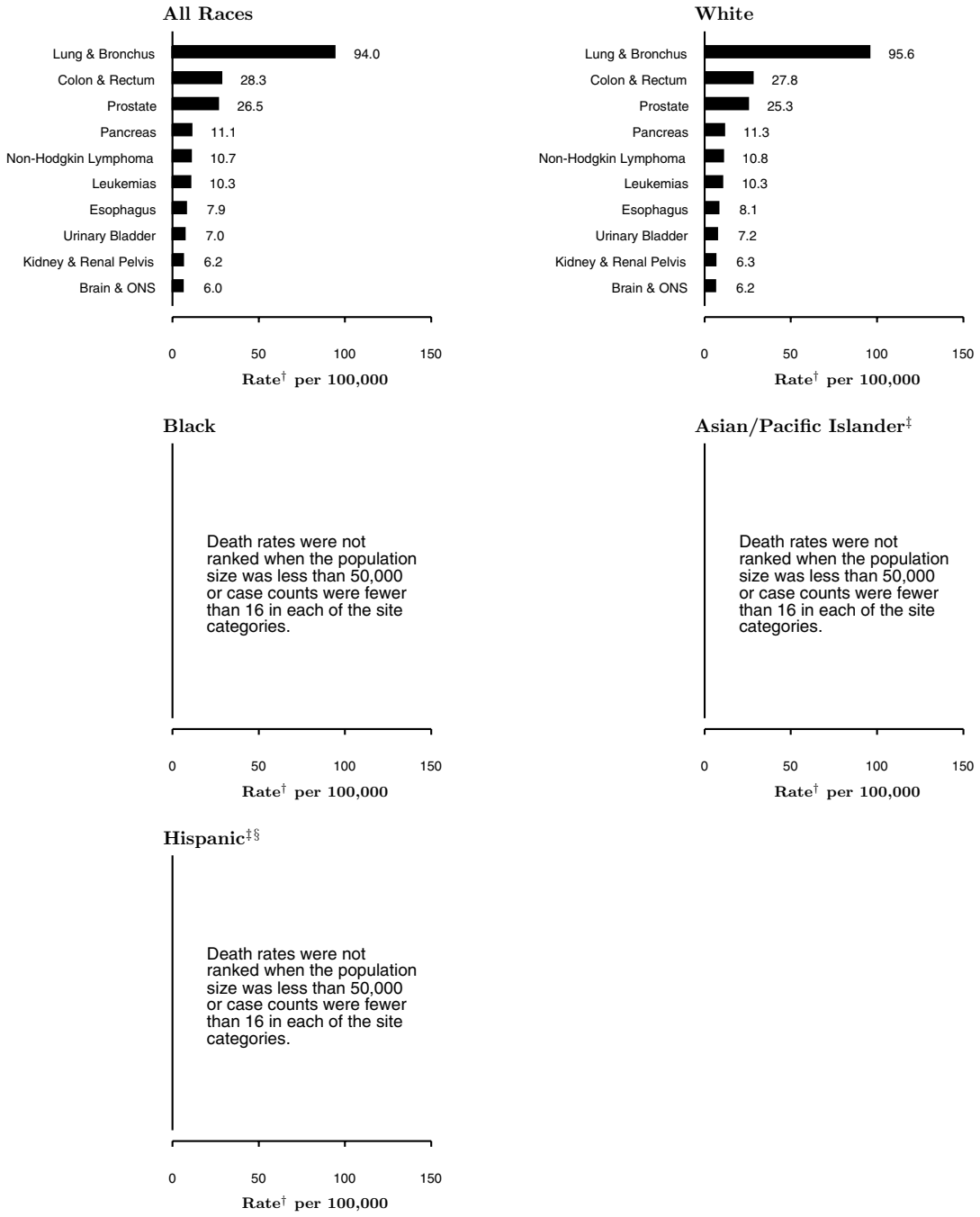
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.56.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

West Virginia,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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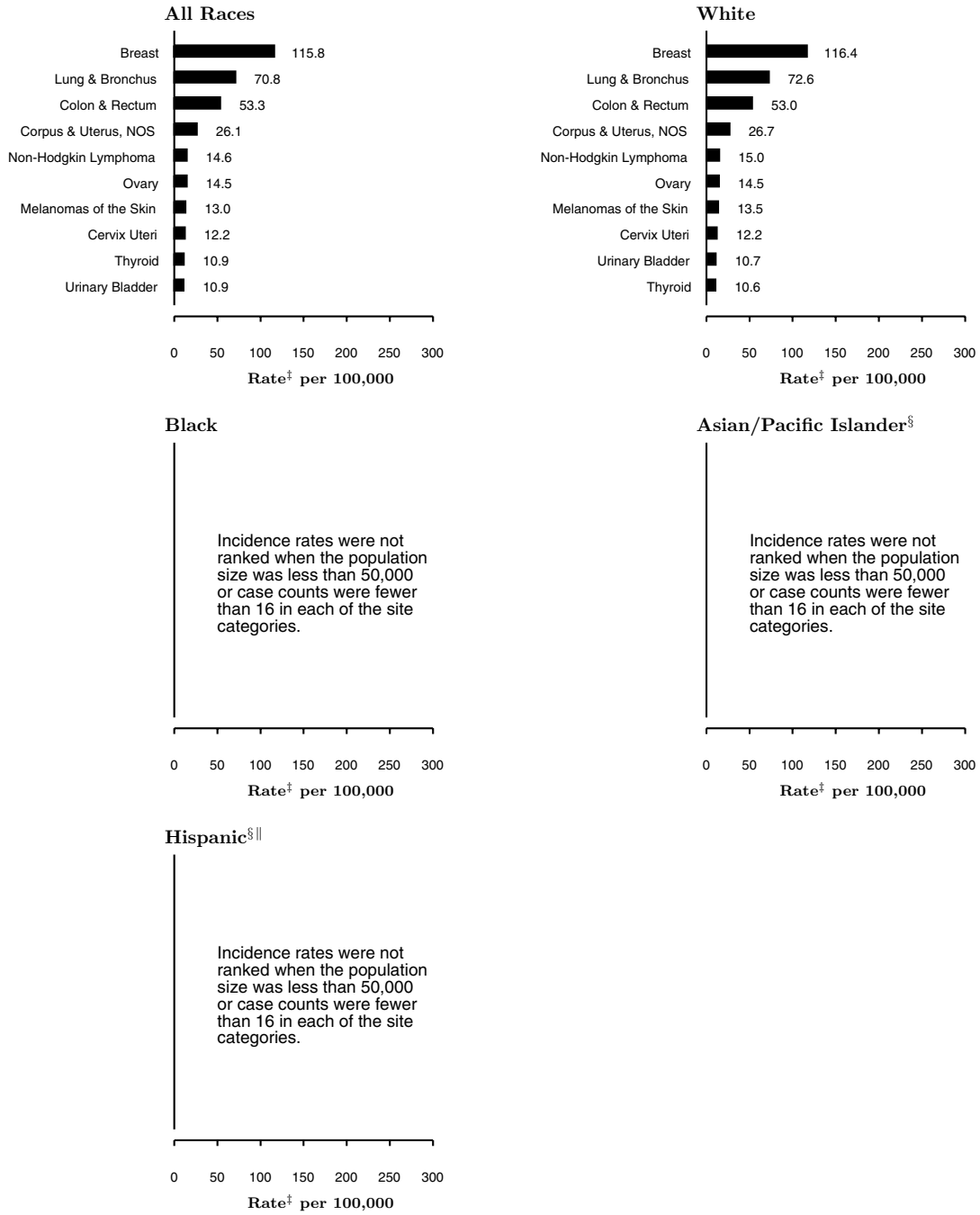
Figure 3.56.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

West Virginia,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

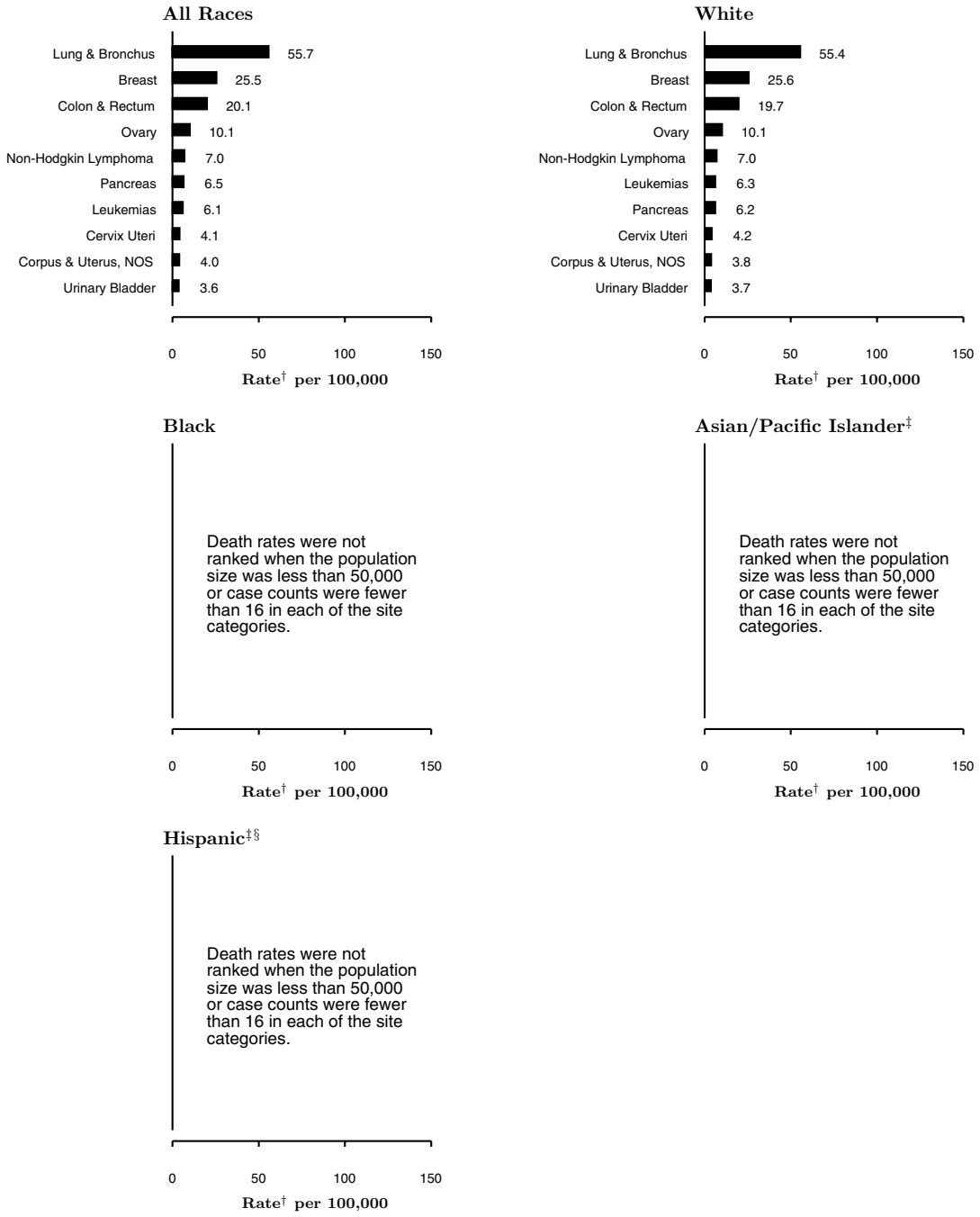
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.56.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

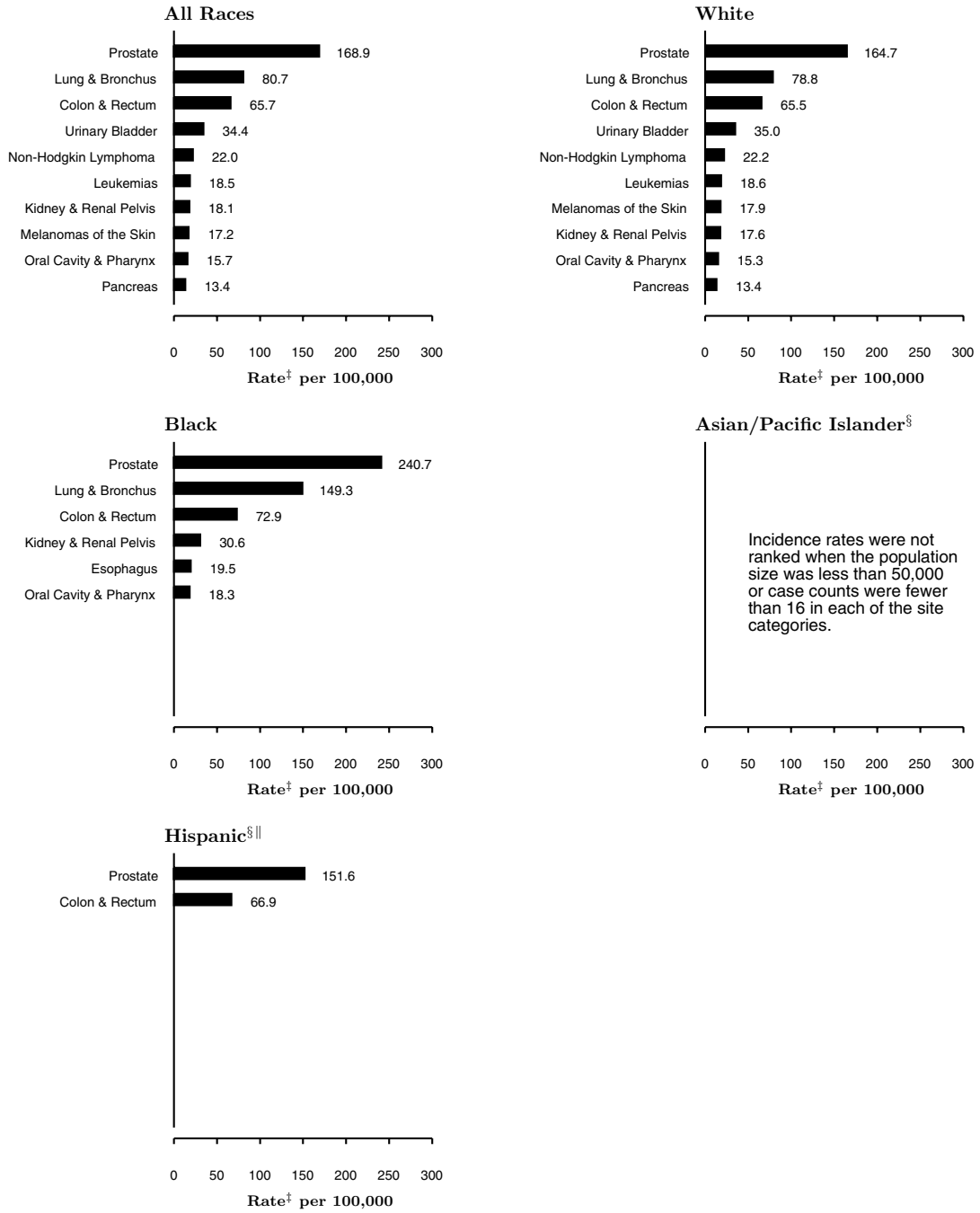
West Virginia,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.57.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Wisconsin,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

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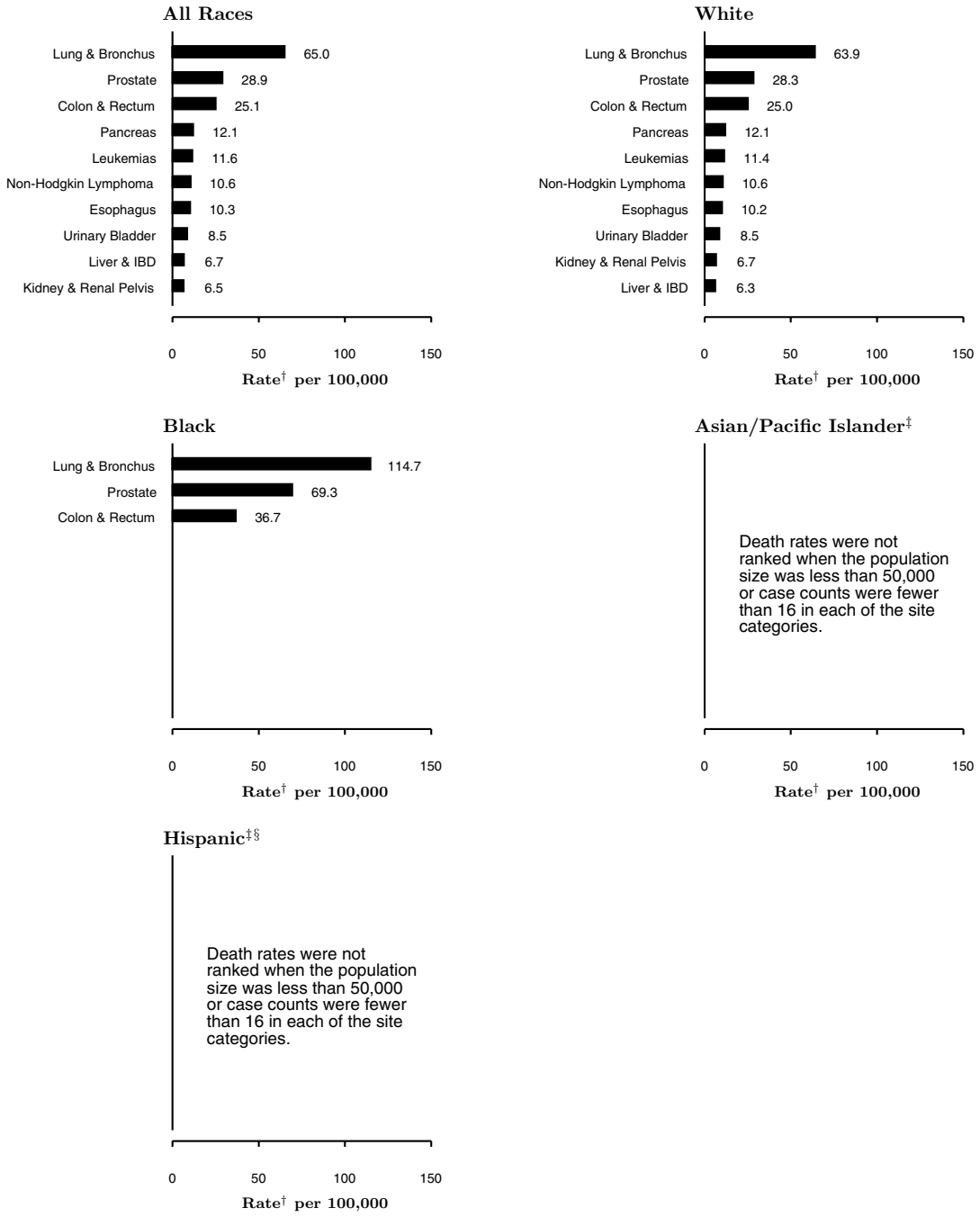
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.57.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

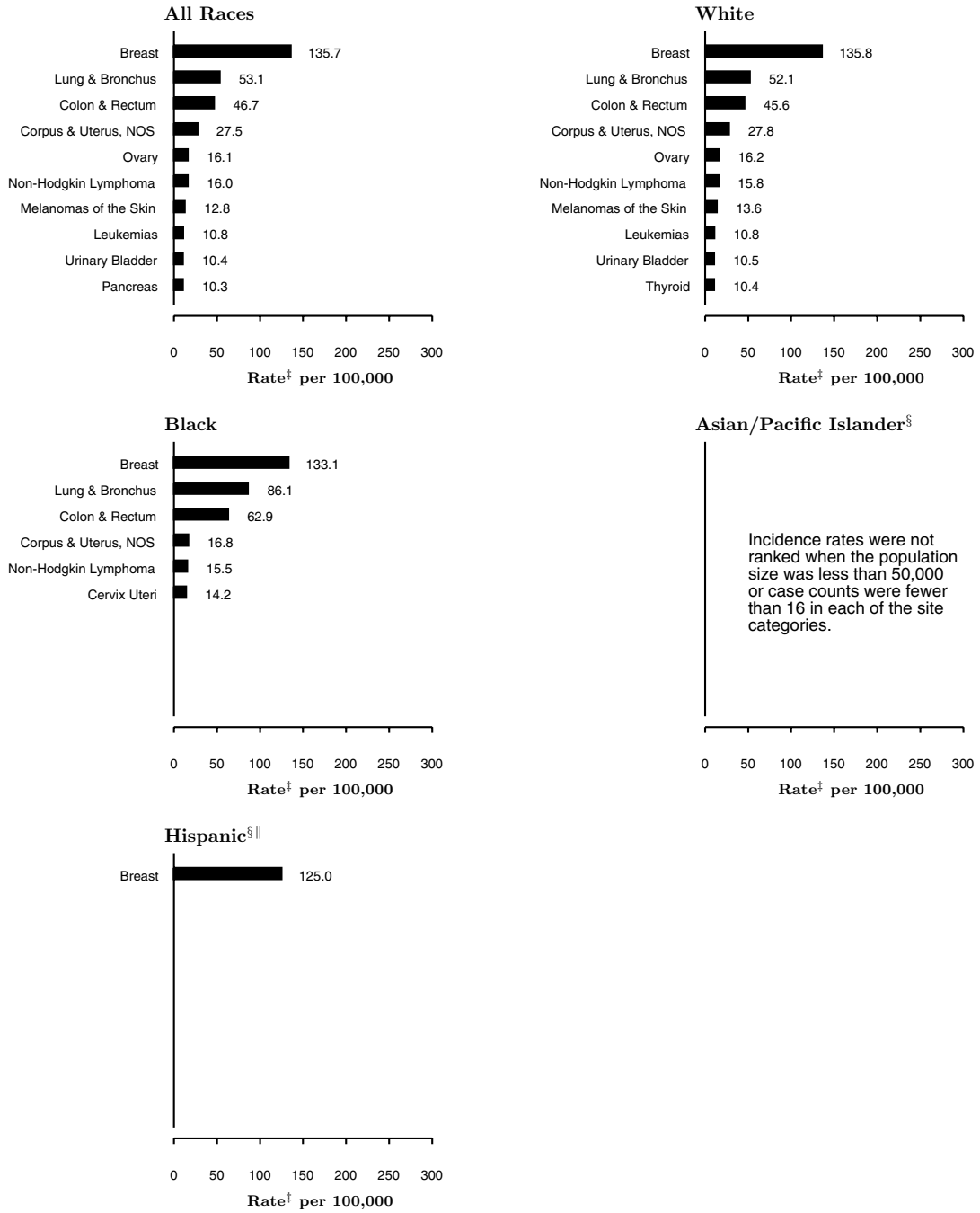
Wisconsin,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.57.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Wisconsin,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

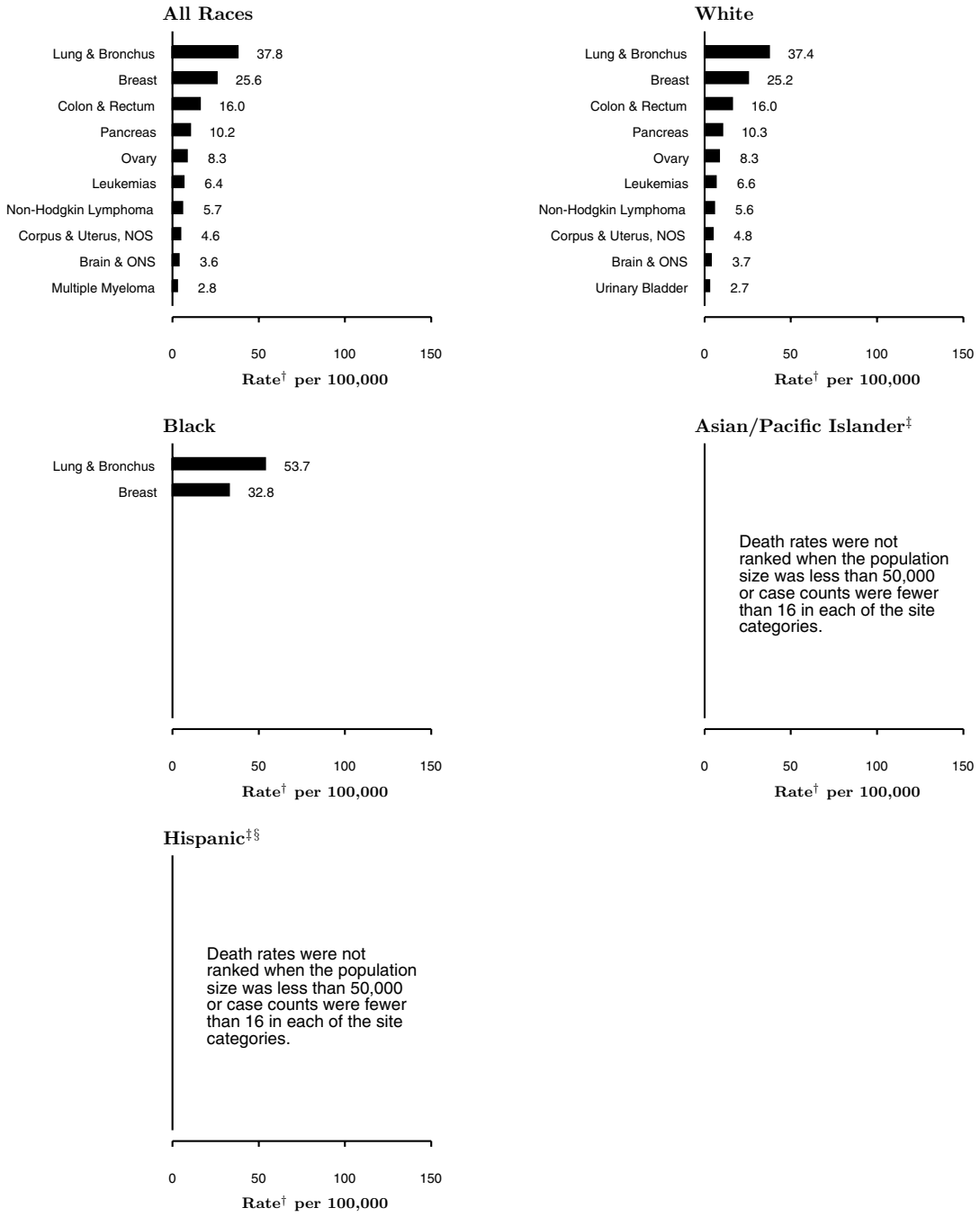
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.57.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Wisconsin,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
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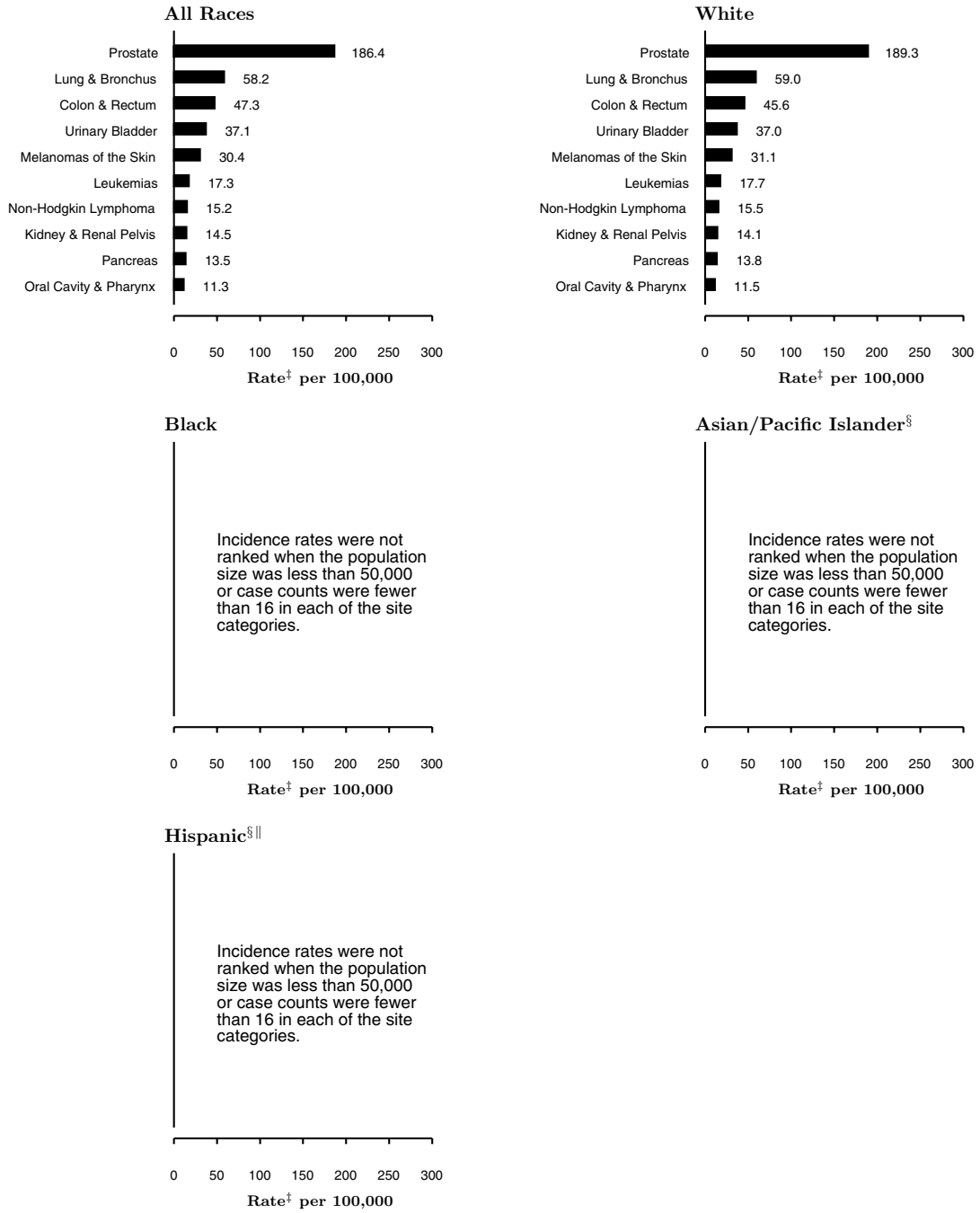
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.58.M1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Wyoming,*† Males, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

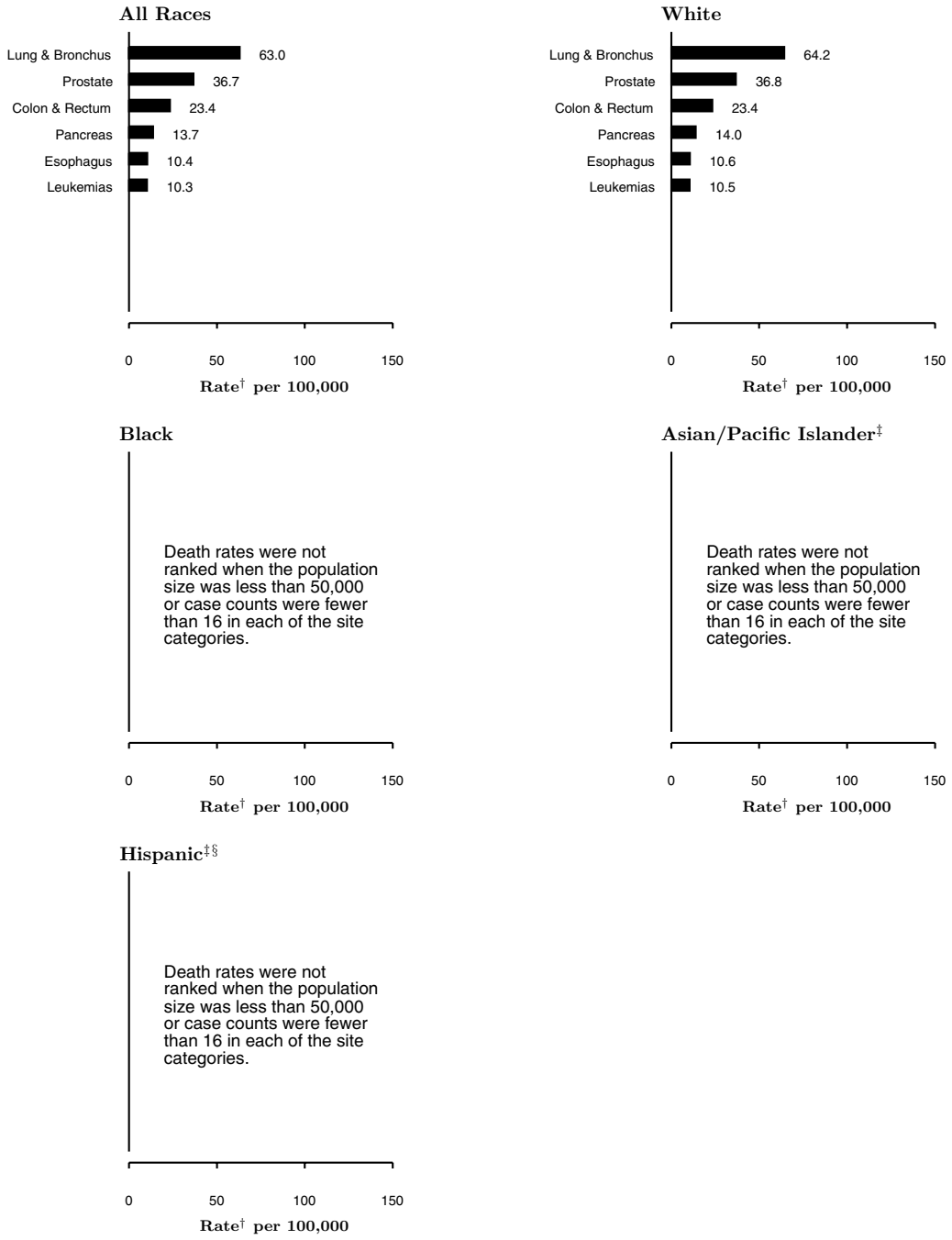
§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

‖ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.58.M2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

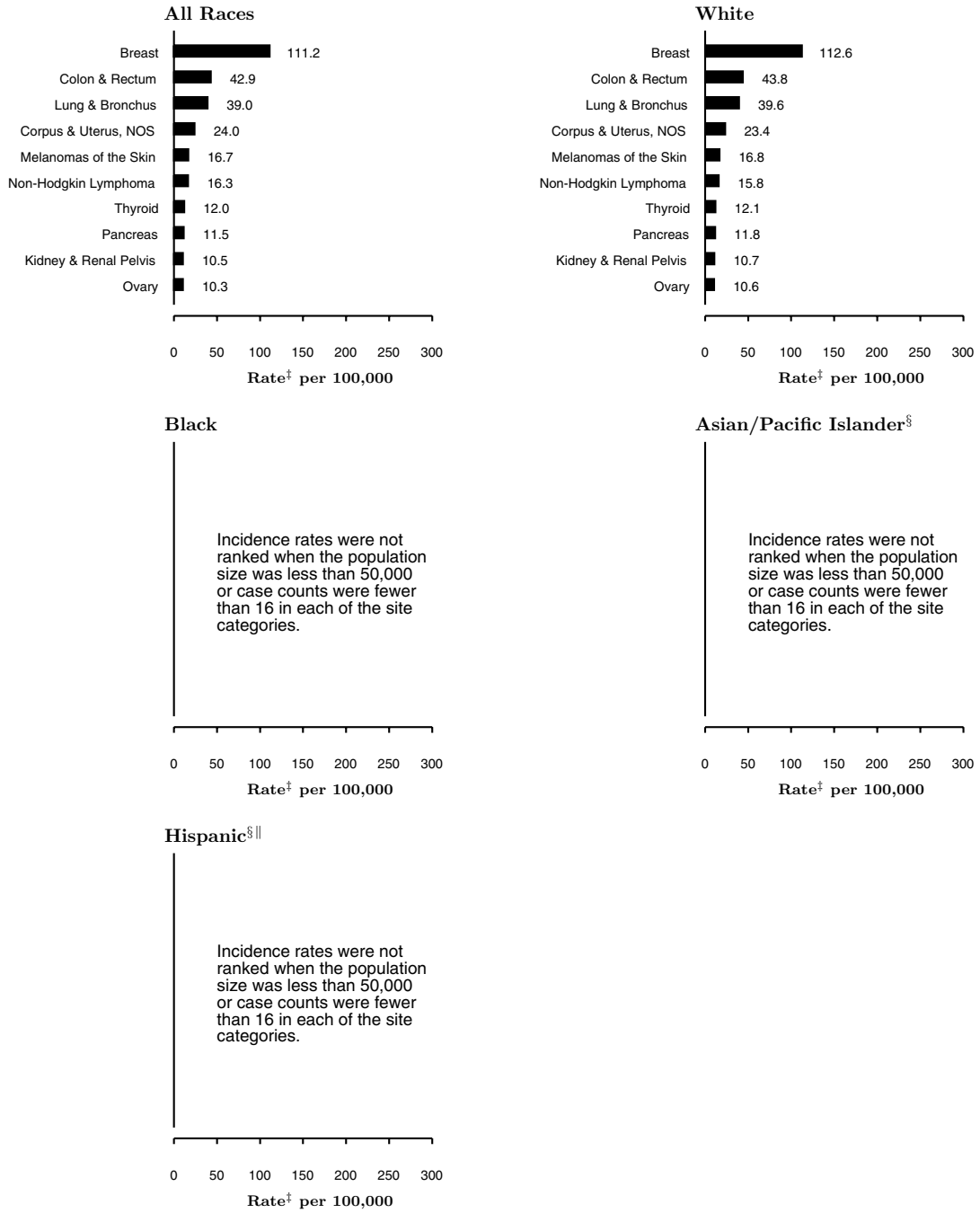
Wyoming,* Males, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Figure 3.58.F1: Age-Adjusted Invasive Cancer Incidence Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Wyoming,*† Females, 2001



* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.

† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

‡ Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.1M-2.25.1.1F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if cases are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.

§ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.

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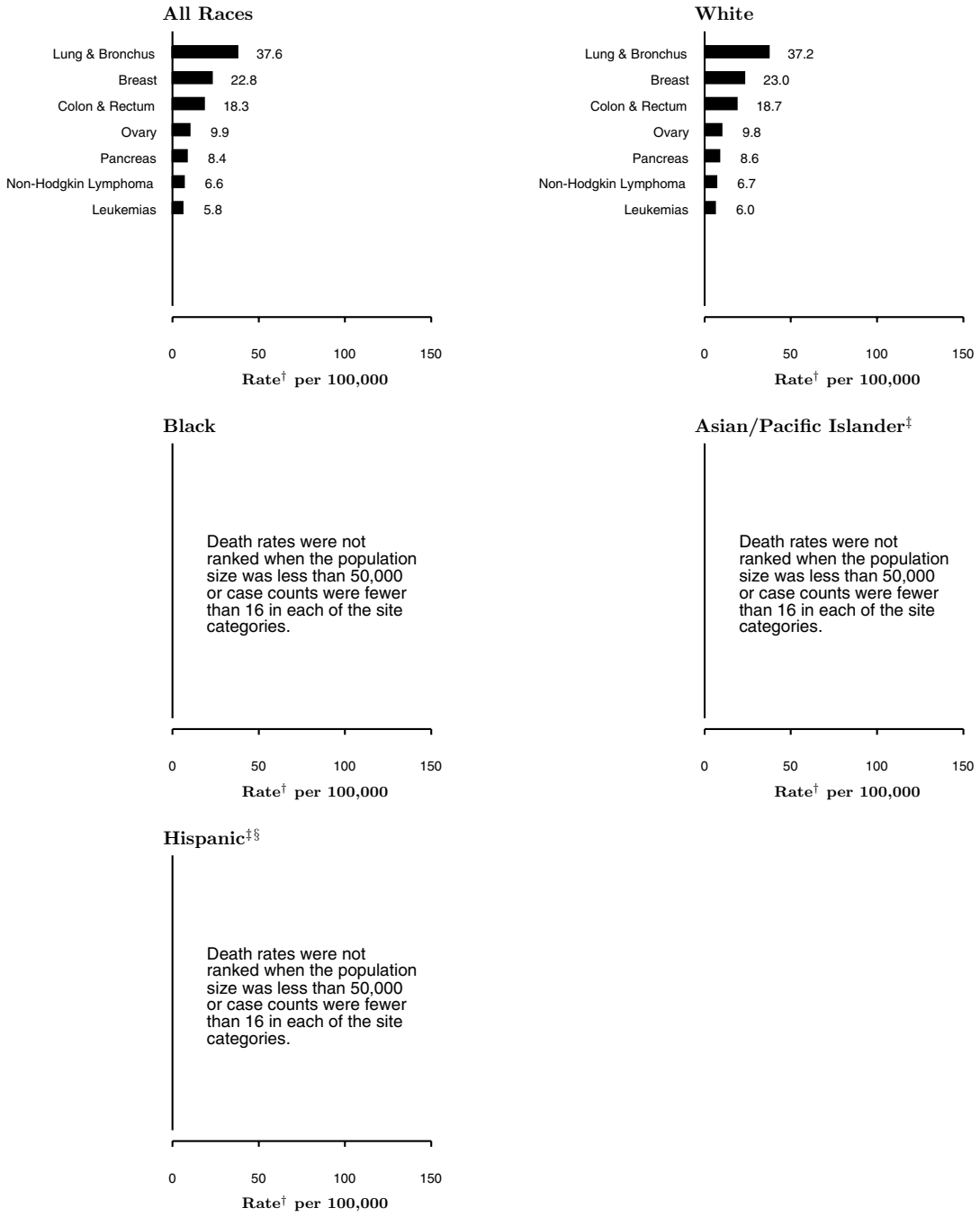
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.
Urinary bladder cases include invasive and *in situ*.

Figure 3.58.F2: Age-Adjusted Cancer Death Rates for the 10 Primary Sites with the Highest Rates within Race- and Ethnic-Specific Categories

Wyoming,* Females, 2001



* Data are from the National Vital Statistics System (NVSS).
† Rates are age-adjusted to the 2000 U.S. standard population. See Table 2.1.1.2M-2.25.1.2F and Appendix G for 95% confidence intervals for rates. Rates are suppressed and not ranked if deaths are fewer than 16 or if the population of the specific race-ethnicity category is less than 50,000.
‡ Data for specified race-ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
Note: ONS - Other Nervous System; NOS - Not Otherwise Specified; IBD - Intrahepatic Bile Duct.

Mesothelioma Incidence and Death Rates and Kaposi's Sarcoma Incidence Rates

FPO

See attached document

CancerStatisticsDividers_Final

Tables 3.1.1.1M–3.2.2.1

Table 3.1.1.1M: Age-Adjusted Invasive Mesothelioma Incidence Rates* and 95% Confidence Intervals by Age and Race and Ethnicity, United States†

Males, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Ages	2.0 (1.9- 2.1)	2.1 (2.0- 2.2)	1.1 (0.9- 1.4)	0.6 (0.3- 1.0)	1.2 (0.9- 1.5)
<55	0.2 (0.1- 0.2)	0.2 (0.1- 0.2)	0.2 (0.1- 0.3)	~	~
55-64	3.1 (2.7- 3.4)	3.3 (2.9- 3.7)	2.3 (1.4- 3.4)	~	1.9 (1.1- 3.1)
65-74	9.0 (8.4- 9.7)	9.6 (8.9-10.4)	4.7 (3.1- 6.9)	~	5.4 (3.5- 7.9)
75-84	15.9 (14.8-17.1)	16.7 (15.5-18.0)	8.4 (5.4-12.5)	~	7.6 (4.4-12.4)
85+	17.3 (15.0-19.8)	18.3 (15.9-21.0)	~	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table 3.1.1.2M: Age-Adjusted Mesothelioma Death Rates* and 95% Confidence Intervals by Age and Race and Ethnicity, United States†

Males, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Ages	1.6 (1.6- 1.7)	1.8 (1.7- 1.9)	0.5 (0.4- 0.7)	0.5 (0.3- 0.9)	0.8 (0.6- 1.1)
<55	0.1 (0.1- 0.1)	0.1 (0.1- 0.1)	~	~	~
55-64	2.3 (2.0- 2.5)	2.5 (2.2- 2.8)	~	~	~
65-74	7.3 (6.7- 7.9)	8.0 (7.4- 8.7)	~	~	~
75-84	14.3 (13.3-15.4)	15.4 (14.3-16.6)	~	~	8.2 (4.9-12.9)
85+	14.3 (12.3-16.5)	15.4 (13.3-17.8)	~	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table 3.1.1.1F: Age-Adjusted Invasive Mesothelioma Incidence Rates* and 95% Confidence Intervals by Age and Race and Ethnicity, United States†

Females, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Ages	0.4 (0.4-0.4)	0.4 (0.4-0.5)	0.2 (0.1-0.3)	~	0.4 (0.3-0.6)
<55	0.1 (0.1-0.1)	0.1 (0.1-0.1)	~	~	~
55-64	0.8 (0.6-1.0)	0.9 (0.7-1.1)	~	~	~
65-74	1.6 (1.4-1.9)	1.7 (1.4-2.0)	~	~	~
75-84	2.8 (2.4-3.2)	3.0 (2.5-3.4)	~	~	~
85+	1.8 (1.3-2.3)	1.9 (1.4-2.6)	~	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table 3.1.1.2F: Age-Adjusted Mesothelioma Death Rates* and 95% Confidence Intervals by Age and Race and Ethnicity, United States†

Females, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Ages	0.3 (0.3-0.3)	0.3 (0.3-0.3)	~	~	0.2 (0.1-0.3)
<55	0.0 (0.0-0.1)	0.1 (0.0-0.1)	~	~	~
55-64	0.5 (0.4-0.7)	0.6 (0.5-0.8)	~	~	~
65-74	1.1 (0.9-1.3)	1.2 (1.0-1.5)	~	~	~
75-84	2.3 (2.0-2.7)	2.5 (2.2-2.9)	~	~	~
85+	1.7 (1.3-2.3)	1.9 (1.4-2.4)	~	~	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from the National Vital Statistics System (NVSS).
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table 3.1.2: Age-Adjusted Invasive Mesothelioma Incidence and Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Sex, United States

All Races, 2001

Area	Incidence† Rate		Death‡ Rate	
	Male	Female	Male	Female
United States	2.0 (1.9-2.1)	0.4 (0.4-0.4)	1.6 (1.6-1.7)	0.3 (0.3-0.3)
Northeast	2.5 (2.3-2.7)	0.5 (0.4-0.5)	1.9 (1.7-2.1)	0.3 (0.3-0.4)
New England	2.2 (1.9-2.6)	0.5 (0.4-0.7)	2.2 (1.8-2.6)	0.3 (0.2-0.5)
Connecticut	1.8 (1.2-2.6)	~	1.9 (1.3-2.8)	~
Maine	3.5 (2.2-5.5)	~	2.7 (1.6-4.5)	~
Massachusetts	2.3 (1.8-3.0)	0.5 (0.3-0.8)	2.3 (1.8-3.0)	~
New Hampshire	~	~	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	2.6 (2.4-2.8)	0.5 (0.4-0.5)	1.8 (1.6-2.0)	0.3 (0.2-0.4)
New Jersey	3.4 (2.8-4.0)	0.6 (0.4-0.9)	2.3 (1.8-2.9)	~
New York	2.0 (1.7-2.4)	0.4 (0.3-0.6)	1.5 (1.2-1.8)	0.2 (0.1-0.3)
Pennsylvania	2.9 (2.5-3.3)	0.4 (0.3-0.5)	1.9 (1.6-2.3)	0.4 (0.3-0.6)
Midwest	2.0 (1.9-2.2)	0.4 (0.3-0.5)	1.7 (1.6-1.9)	0.3 (0.2-0.3)
East North Central	2.2 (2.0-2.4)	0.4 (0.4-0.5)	1.8 (1.6-2.0)	0.3 (0.2-0.4)
Illinois	2.8 (2.4-3.4)	0.5 (0.3-0.7)	1.8 (1.5-2.3)	0.4 (0.2-0.5)
Indiana	2.2 (1.6-2.8)	~	1.3 (0.9-1.8)	~
Michigan	2.0 (1.6-2.5)	0.4 (0.3-0.6)	1.9 (1.5-2.4)	~
Detroit	1.9 (1.3-2.8)	~		
Ohio	1.7 (1.4-2.1)	0.4 (0.2-0.5)	1.8 (1.5-2.3)	0.3 (0.2-0.4)
Wisconsin	2.5 (1.9-3.2)	0.8 (0.5-1.2)	2.2 (1.6-2.8)	~
West North Central	1.6 (1.3-1.9)	0.3 (0.2-0.4)	1.5 (1.3-1.8)	0.2 (0.1-0.3)
Iowa	1.3 (0.7-2.0)	~	1.2 (0.7-1.9)	~
Kansas	2.1 (1.3-3.1)	~	1.7 (1.0-2.7)	~
Minnesota	1.9 (1.3-2.6)	~	1.7 (1.2-2.4)	~
Missouri	1.3 (0.9-1.9)	~	1.3 (0.9-1.8)	~
Nebraska	~	~	~	~
North Dakota			~	~
South Dakota			~	~
South			1.4 (1.3-1.6)	0.3 (0.2-0.3)
South Atlantic			1.5 (1.4-1.7)	0.3 (0.2-0.4)
Delaware			~	~
District of Columbia	~	~	~	~
Florida	1.8 (1.5-2.0)	0.5 (0.4-0.6)	1.4 (1.2-1.6)	0.4 (0.3-0.5)
Georgia	1.4 (1.0-2.1)	~	1.0 (0.6-1.5)	~
Atlanta	~	~		
Maryland			2.1 (1.5-2.9)	~
North Carolina	1.6 (1.2-2.2)	~	1.2 (0.8-1.7)	~
South Carolina	1.4 (0.9-2.2)	~	1.5 (1.0-2.3)	~
Virginia			2.2 (1.7-2.9)	~
West Virginia	2.7 (1.7-4.1)	~	1.8 (1.1-3.0)	~
East South Central			1.3 (1.1-1.6)	0.2 (0.2-0.4)
Alabama	1.7 (1.2-2.5)	~	1.0 (0.6-1.7)	~
Kentucky	1.0 (0.6-1.7)	~	1.9 (1.3-2.7)	~
Mississippi			~	~

continued

Table 3.1.2: Age-Adjusted Invasive Mesothelioma Incidence and Death Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Sex, United States *(continued)*

All Races, 2001

Area	Incidence† Rate		Death‡ Rate	
	Male	Female	Male	Female
Tennessee			1.2 (0.8-1.7)	~
West South Central	1.7 (1.5-2.0)	0.3 (0.2-0.4)	1.3 (1.1-1.6)	0.2 (0.1-0.3)
Arkansas	~	~	~	~
Louisiana	2.5 (1.8-3.5)	~	1.6 (1.1-2.4)	~
Oklahoma	1.1 (0.6-1.7)	~	~	~
Texas	1.8 (1.5-2.2)	0.3 (0.2-0.5)	1.5 (1.2-1.8)	0.2 (0.1-0.3)
West	1.8 (1.6-2.0)	0.4 (0.3-0.5)	1.6 (1.5-1.8)	0.3 (0.3-0.4)
Mountain	1.6 (1.3-1.9)	0.4 (0.3-0.5)	1.4 (1.2-1.8)	0.2 (0.1-0.3)
Arizona	1.4 (0.9-2.0)	~	1.4 (0.9-2.0)	~
Colorado	1.9 (1.3-2.8)	~	1.5 (1.0-2.4)	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	~	~	~	~
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	1.9 (1.7-2.1)	0.4 (0.3-0.5)	1.7 (1.5-1.9)	0.4 (0.3-0.4)
Alaska	~	~	~	~
California	1.6 (1.4-1.9)	0.4 (0.3-0.6)	1.4 (1.2-1.6)	0.3 (0.2-0.4)
San Francisco-Oakland	2.1 (1.4-2.9)	~		
San Jose-Monterey	~	~		
Los Angeles	1.8 (1.3-2.3)	~		
Hawaii	~	~	~	~
Oregon	1.9 (1.3-2.8)	~	2.8 (2.1-3.8)	~
Washington	3.0 (2.4-3.9)	~	2.5 (1.9-3.3)	0.5 (0.3-0.8)
Seattle-Puget Sound	3.0 (2.2-4.0)	~		

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Data are from the National Vital Statistics System (NVSS).
~ Rates are suppressed for incidence and mortality if fewer than 16 cases were reported in the specific area-sex category.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Table 3.2.1.1M: Age-Adjusted Invasive Kaposi's Sarcoma Incidence Rates* and 95% Confidence Intervals by Age and Race and Ethnicity, United States†

Males, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Ages	0.9 (0.8-0.9)	0.7 (0.6-0.7)	2.0 (1.7-2.3)	0.4 (0.3-0.8)	1.6 (1.4-1.9)
<35	0.3 (0.3-0.4)	0.2 (0.2-0.2)	1.0 (0.8-1.3)	~	0.5 (0.4-0.6)
35-44	2.2 (2.0-2.4)	1.7 (1.5-1.9)	5.2 (4.3-6.2)	~	3.3 (2.7-4.0)
45-54	1.1 (0.9-1.2)	0.8 (0.7-1.0)	2.5 (1.8-3.4)	~	1.8 (1.3-2.6)
55+	1.0 (0.9-1.2)	1.0 (0.8-1.1)	1.3 (0.8-2.1)	~	2.7 (1.9-3.8)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table 3.2.1.1F: Age-Adjusted Invasive Kaposi's Sarcoma Incidence Rates* and 95% Confidence Intervals by Age and Race and Ethnicity, United States†

Females, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Ages	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.2 (0.1-0.3)	~	0.3 (0.2-0.4)
<35	~	~	~	~	~
35-44	0.1 (0.1-0.1)	~	~	~	~
45-54	~	~	~	~	~
55+	0.3 (0.3-0.4)	0.3 (0.3-0.4)	~	~	1.0 (0.6-1.6)

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Rates are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table 3.2.2.1: Age-Adjused Invasive Kaposi's Sarcoma Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Sex, United States†

All Races, 2001

Area	Male	Female
United States	0.9 (0.8- 0.9)	0.1 (0.1- 0.1)
Northeast	1.1 (1.0- 1.2)	0.1 (0.1- 0.2)
New England	0.7 (0.5- 1.0)	~
Connecticut	~	~
Maine	~	~
Massachusetts	0.9 (0.6- 1.3)	~
New Hampshire	~	~
Rhode Island	~	~
Vermont	~	~
Middle Atlantic	1.2 (1.1- 1.4)	0.2 (0.1- 0.2)
New Jersey	1.0 (0.7- 1.4)	~
New York	1.6 (1.3- 1.9)	0.2 (0.1- 0.3)
Pennsylvania	0.8 (0.6- 1.1)	~
Midwest	0.4 (0.4- 0.5)	0.1 (0.0- 0.1)
East North Central	0.4 (0.3- 0.5)	0.1 (0.0- 0.1)
Illinois	0.6 (0.5- 0.9)	~
Indiana	~	~
Michigan	0.5 (0.3- 0.8)	~
Detroit	1.2 (0.7- 1.8)	~
Ohio	~	~
Wisconsin	~	~
West North Central	0.4 (0.3- 0.6)	~
Iowa	~	~
Kansas	~	~
Minnesota	~	~
Missouri	~	~
Nebraska	~	~
North Dakota		
South Dakota		
South		
South Atlantic		
Delaware		
District of Columbia	5.3 (3.0- 9.1)	~
Florida	1.3 (1.0- 1.5)	0.2 (0.1- 0.3)
Georgia	1.3 (1.0- 1.7)	~
Atlanta	2.9 (2.1- 4.3)	~
Maryland		
North Carolina	~	~
South Carolina	~	~
Virginia		
West Virginia	~	~
East South Central		
Alabama	~	~
Kentucky	~	~
Mississippi		
Tennessee		
West South Central	0.8 (0.7- 1.0)	0.1 (0.1- 0.2)
Arkansas	~	~
Louisiana	1.1 (0.7- 1.8)	~
Oklahoma	~	~
Texas	0.8 (0.6- 1.0)	~

continued

Table 3.2.2.1: Age-Adjused Invasive Kaposi's Sarcoma Incidence Rates* and 95% Confidence Intervals by U.S. Census Region and Division, State and Metropolitan Area, and Sex, United States† *(continued)*

All Races, 2001

Area	Male	Female
West	1.1 (1.0- 1.3)	0.1 (0.1- 0.1)
Mountain	0.6 (0.4- 0.8)	~
Arizona	~	~
Colorado	0.7 (0.4- 1.2)	~
Idaho	~	~
Montana	~	~
Nevada	~	~
New Mexico	~	~
Utah	~	~
Wyoming	~	~
Pacific	1.4 (1.2- 1.5)	0.1 (0.1- 0.2)
Alaska	~	~
California	1.5 (1.4- 1.8)	0.1 (0.1- 0.2)
San Francisco-Oakland	2.8 (2.1- 3.7)	~
San Jose-Monterey	~	~
Los Angeles	2.3 (1.9- 2.8)	~
Hawaii	~	~
Oregon	~	~
Washington	0.9 (0.6- 1.4)	~
Seattle-Puget Sound	1.0 (0.6- 1.6)	~

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
~ Rates are suppressed if fewer than 16 cases were reported in the specific area-sex category.

Notes: Cases from suppressed rates are included in the U.S. and region/division rates. Observed region/division age-adjusted incidence rates are presented for regions/divisions with $\geq$ 80% of the population covered by registries that meet the data quality criteria specified above, and if the 95% confidence intervals around the observed region/division rates for each of four major cancers include "bias-corrected" estimated region/division rates (see technical notes) for each of those cancers. Michigan, Georgia, California, and Washington state rates each include cases from the SEER metropolitan areas.

Appendices

FPO

See attached document

CancerStatisticsDividers_Final

Appendix A

State and Metropolitan Area Cancer Registries

National Program of Cancer Registries (NPCR) and Surveillance, Epidemiology, and End Results (SEER) Program

Registries in bold contributed data to this report.

Alabama

Alabama Statewide Cancer Registry
Alabama Department of Public Health
P.O. Box 303017
Montgomery, AL 36130-3017
Phone: (334) 206-5552; Fax: (334) 206-5324
http://www.adph.org/cancer_registry/

Alaska

Alaska Cancer Registry
3601 C Street, Suite 540
P.O. Box 240249
Anchorage, AK 99524-0249
Phone: (907) 269-8000; Fax: (907) 561-1896
http://www.epi.hss.state.ak.us/cd/cancer.stm

Arizona

Arizona Cancer Registry
Arizona Department of Health Services
1740 West Adams, Room 410
Phoenix, AZ 85007
Phone: (602) 542-7308; Fax: (602) 364-0296
http://www.hs.state.az.us/phs/phstats/acr/index.htm

Arkansas

Arkansas Central Cancer Registry
Arkansas Department of Health
Division of Chronic Disease/Disability Prevention
4815 West Markham Street, Slot 7
Little Rock, AR 72205
Phone: (501) 661-2392; Fax: (501) 661-2891
http://www.healthyarkansas.com/arkcancer/arkcancer.html

California

California Department of Health Services
Cancer Surveillance Section
1700 Tribute Road, Suite 100
Sacramento, CA 95815-4402
Phone: (916) 779-0300; Fax: (916) 779-0264
http://www.ccrcal.org/index.htm

San Francisco-Oakland and San Jose-Monterey

Greater Bay Area Cancer Registry
32960 Alvarado-Niles Road, Suite 600
Union City, CA 94587
Phone: (510) 429-2500; Fax: (510) 429-2550
http://www.nccc.org

Los Angeles

Los Angeles Cancer Surveillance Program
1540 Alcazar, CHP-204
Los Angeles, CA 90033
Phone: (323) 442-1574; Fax: (323) 442-2301
http://www.usc.edu/schools/medicine/departments/preventive_medicine/divisions/epidemiology/research/csp/

Colorado

Colorado Department of Public Health and Environment
Colorado Central Cancer Registry
PPD-CR-A5
4300 Cherry Creek Drive South
Denver, CO 80246
Phone: (303) 692-2542; Fax: (303) 691-7721
http://www.cdphe.state.co.us/pp/cccr/cccrhom.asp

Connecticut

Connecticut Tumor Registry
410 Capitol Avenue
P.O. Box 340308 MS # 13-TMR
Hartford, CT 06134-0308
Phone: (860) 509-7163; Fax: (860) 509-7161
http://www.dph.state.ct.us/OPPE/hptumor.htm

Delaware

Delaware Department of Health and Social Services
Division of Public Health
P.O. Box 637
Dover, DE 19903
Phone: (302) 739-5617; Fax: (302) 739-6617

Registries in bold contributed data to this report.

District of Columbia

District of Columbia Cancer Control Registry
District of Columbia Department of Health
825 North Capitol Street, N.E., Room 3145
Washington, DC 20002
Phone: (202) 442-5910; Fax: (202) 442-9432
http://www.dchealth.dc.gov/services/special_programs/cancer_control/index.shtm

Florida

Florida Cancer Data System
University of Miami School of Medicine
P.O. Box 016960 (D4-11)
Miami, FL 33101
Phone: (305) 243-4600; Fax: (305) 243-4871
http://fcds.med.miami.edu/

Georgia

Georgia Department of Human Resources
Division of Public Health/Cancer Control Section
2 Peachtree Street, N.W.
14th floor, 14.283
Atlanta, GA 30303
Phone: (404) 657-1943; Fax: (404) 463-0780
http://www.ph.dhr.state.ga.us/programs/cancer/

Atlanta

Georgia Center for Cancer Statistics
1518 Clifton Road, N.E.
Atlanta, GA 30322
Phone: (404) 727-8700; Fax: (404) 727-7261
http://www.sph.emory.edu/GCCS

Hawaii

Hawaii Tumor Registry
1236 Lauhala Street
Honolulu, HI 96813-2424
Phone: (808) 586-9750; Fax: (808) 587-0024
http://www.aloha.net/~htr/

Idaho

Idaho Hospital Association
Cancer Data Registry of Idaho
615 North 7th Street *or* **P.O. Box 1278**
Boise, ID 83702 **Boise, ID 83701-1278**
Phone: (208) 338-5100; Fax: (208) 338-7800
http://www.idcancer.org/

Registries in bold contributed data to this report.

Illinois

Illinois State Cancer Registry
Illinois Department of Public Health
605 West Jefferson Street
Springfield, IL 62761
Phone: (217) 785-1873; Fax: (217) 524-1770
http://www.idph.state.il.us/about/epi/cancer.htm

Indiana

Indiana State Department of Health
State Cancer Registry
2 North Meridian Street, Section 7-D
Indianapolis, IN 46204
Phone: (317) 233-7158; Fax: (317) 233-7722
http://www.in.gov/isdh/dataandstats/cancer.htm

Iowa

State Health Registry of Iowa
250 FB Building
Iowa City, IA 52242-2001
Phone: (319) 335-8609; Fax: (319) 335-8610
http://www.public-health.uiowa.edu/shri/

Kansas

Kansas Cancer Registry
University of Kansas Medical Center
3901 Rainbow Boulevard
Kansas City, KS 66160-7313
Phone: (913) 588-2744; Fax: (913) 588-2780
http://www.kumc.edu/som/kcr/

Kentucky

Kentucky Cancer Registry
2365 Harrodsburg Road, Suite A230
Lexington, KY 40504
Phone: (859) 219-0773; Fax: (859) 219-0557
http://web.kcr.uky.edu/

Louisiana

Louisiana Tumor Registry
Louisiana State University Health Sciences Center—New Orleans
1600 Canal Street, Suite 900A
New Orleans, LA 70112
Phone: (504) 568-4716; Fax: (504) 568-2493
http://www.lcltfb.org/registry.html

Registries in bold contributed data to this report.

Maine

Maine Cancer Registry
Division of Family and Community Health
Bureau of Health
Key Bank Plaza 4th Floor
11 State House Station
Augusta, ME 04333-0011 (For items sent by FedEx, use the zip code 04330.)
Phone: (207) 287-5272; Fax: (207) 287-4631
http://www.maine.gov/dhs/bohdcfh/mcr/index2.htm

Maryland

Maryland Cancer Registry
Maryland Department of Health and Mental Hygiene
201 West Preston Street, Suite 400
Baltimore, MD 21201
Phone: (410) 767-4055 or 767-5521; Fax: (410) 333-5218

Massachusetts

Massachusetts Department of Public Health
Massachusetts Cancer Registry
250 Washington Street, 6th Floor
Boston, MA 02108-4619
Phone: (617) 624-5618; Fax: (617) 624-5697
http://www.state.ma.us/dph/bhsre/mcr/canreg.htm

Michigan

Michigan Cancer Surveillance Program
Division for Vital Records and Health Statistics
Michigan Department of Community Health
3423 North Martin Luther King, Jr. Boulevard
Lansing, MI 48909
Phone: (517) 335-8702; Fax: (517) 335-9964
www.michigan.gov/mdch/

Detroit

Karmanos Cancer Institute
110 East Warren Avenue
Detroit, MI 48201
Phone: (313) 833-0715, ext. 2329; Fax: (313) 831-7806
http://www.karmanos.org/

Registries in bold contributed data to this report.

Minnesota

Minnesota Cancer Surveillance System
Minnesota Department of Health
Chronic Disease and Environmental Epidemiology
P.O. Box 9441
Minneapolis, MN 55440-9441
Phone: (612) 676-5374; Fax: (612) 676-5099
http://www.health.state.mn.us/divs/hpcd/cdee/mcss/index.html

Mississippi

Mississippi Department of Health
P.O. Box 1700
Jackson, MS 39215-1700
Phone: (601) 576-7411; Fax: (601) 576-7407
http://www.cancer.msdh.state.ms.us/

Missouri

Missouri Cancer Registry
Health Management and Informatics
324 Clark Hall
University of Missouri—Columbia
Columbia, MO 65211
Phone: (573) 882-7775; Fax: (573) 884-9655

Montana

Montana Central Tumor Registry
Montana Department of Public Health and Human Services
Health Policy and Services Division
Cogswell Building, P.O. Box 202952
Helena, MT 59620-2952
Phone: (406) 444-6786; Fax: (406) 444-6557
http://www.dphhs.state.mt.us/

Nebraska

Nebraska Department of Health and Human Services Regulation and Licensure
Public Health Assurance Division
Data Management Section
301 Centennial Mall South
Lincoln, NE 68509-5007
Phone: (402) 471-0147; Fax: (402) 471-9728

Nevada

Nevada State Cancer Registry
3811 West Charleston Boulevard, Suite 208
Las Vegas, NV 89102
Phone: (702) 486-6260, ext. 224; Fax: (702) 486-7602

Registries in bold contributed data to this report.

New Hampshire

New Hampshire State Cancer Registry
444 Mountain Support Road
Lebanon, NH 03756
Phone: (603) 653-1032; Fax: (603) 653-1050

New Jersey

Cancer Epidemiology Services
New Jersey State Department of Health and Senior Services
P.O. Box 369
Trenton, NJ 08625-0369
Phone: (609) 588-3500; Fax: (609) 588-3638
http://www.state.nj.us/health/cancer/statistics.htm

New Mexico

New Mexico Tumor Registry
2325 Camino de Salud, N.E.
Albuquerque, NM 87131-5306
Phone: (505) 272-5541; Fax: (505) 272-8572
http://hsc.unm.edu/epiccpro/

New York

New York State Cancer Registry
New York State Department of Health
Corning Tower, Room 536
Empire State Plaza
Albany, NY 12237-0679
Phone: (518) 474-2255; Fax: (518) 473-6789
http://www.health.state.ny.us/nysdoh/cancer/center/cancerhome.htm

North Carolina

North Carolina Central Cancer Registry
North Carolina Department of Health and Human Services
State Center for Health Statistics
1908 Mail Service Center
Raleigh, NC 27699-1908
Phone: (919) 715-4556; Fax: (919) 733-8485
http://www.schs.state.nc.us/SCHS/CCR/

North Dakota

North Dakota Department of Health
Division of Health Promotion and Education
600 East Boulevard Avenue, Department 301
Bismarck, ND 58505-0200
Phone: (701) 328-2419; Fax: (701) 328-2036
http://www.health.state.nd.us/cancerregistry

Registries in bold contributed data to this report.

Ohio

Ohio Department of Health
Bureau of Health Surveillance, Information, and Operational Support
P.O. Box 118
Columbus, OH 43266-0118
Phone: (614) 466-5350; Fax: (614) 644-1909
http://www.odh.state.oh.us/ODHPrograms/CI_SURV/ci_surv1.htm

Oklahoma

Oklahoma Central Cancer Registry
Chronic Disease Service
Oklahoma Department of Health
1000 Northeast 10th Street
Oklahoma City, OK 73117-1299
Phone: (405) 271-4072, ext. 57123; Fax: (405) 271-5181
http://www.health.state.ok.us/program/cds/cancereg.html

Oregon

Oregon State Cancer Registry
Department of Human Services
800 Northeast Oregon Street, Suite 730
Portland, OR 97232
Phone: (503) 731-4858; Fax: (503) 731-4848
http://www.ohd.hr.state.or.us/oscar/index.cfm

Pennsylvania

Pennsylvania Cancer Registry
Division of Statistical Registries
Pennsylvania Department of Health
555 Walnut Street, 6th Floor
Harrisburg, PA 17101-1914
Phone: (717) 783-2548; Fax: (717) 772-3258
http://www.health.state.pa.us/stats/

Puerto Rico

Departamento de Salud de Puerto Rico
Registro Central de Puerto Rico
P.O. Box 70184
San Juan, PR 00927
Phone: (787) 274-7866; Fax: (787) 274-3347

Republic of Palau

Ministry of Health, Republic of Palau
P.O. Box 6027
Koror, PW 96940
Phone: 011-(680) 488-4612; Fax: 011-(680) 488-1211

Registries in bold contributed data to this report.

Rhode Island

Rhode Island Department of Health
3 Capitol Hill
Providence, RI 02908-5097
Phone: (401) 222-1172; Fax: (401) 222-3551

South Carolina

South Carolina Department of Health and Environmental Control
PHSIS/SCCCR
2600 Bull Street
Columbia, SC 29201
Phone: (803) 898-3626; Fax: (803) 898-3599

South Dakota

South Dakota Cancer Registry
Office of Health Promotion, Health and Medical Services
Department of Health
615 East 4th Street
Pierre, SD 57501
Phone: (605) 773-5740; Fax: (605) 773-5509

Tennessee

Tennessee Cancer Registry
Cordell Hull Building, 6th Floor North
425 5th Avenue, North
Nashville, TN 37247
Phone: (615) 253-5937; Fax: (615) 532-7904

Texas

Texas Cancer Registry
Bureau of Epidemiology
Texas Department of Health
1100 West 49th Street
Austin, TX 78756-3199
Phone: (512) 458-7523; Fax: (512) 458-7681
http://www.tdh.state.tx.us/tcr/

Utah

Utah Cancer Registry
546 Chipeta Way, Suite 410
Salt Lake City, UT 84108
Phone: (801) 581-8407; Fax: (801) 581-4560
http://www.uuhsc.utah.edu/ucr

Registries in bold contributed data to this report.

Vermont

Vermont Cancer Registry
Vermont Department of Health
P.O. Box 70
108 Cherry Street
Burlington, VT 05402-0070
Phone: (802) 863-7644; Fax: (802) 651-1787
http://www.healthyvermonters.info/

Virgin Islands

Virgin Islands Department of Health
3500 Estate Richmond
Charles Harwood Complex
Christiansted, St. Croix, VI 00820-4370
Phone: (340) 773-1311, ext. 3082; Fax: (340) 773-0850

Virginia

Virginia Cancer Registry
Virginia Department of Health
P.O. Box 2448, Room 114
Richmond, VA 23218
Phone: (804) 786-1668; Fax: (804) 371-4061
http://www.vdh.state.va.us/epi/cancer/index.asp

Washington

Washington State Cancer Registry
Department of Health
7211 Cleanwater Lane, Building 10
Olympia, WA 98504-7835
Phone: (360) 236-3676; Fax: (360) 586-2714
http://www.doh.wa.gov

Seattle-Puget Sound

Seattle-Puget Sound Cancer Surveillance System
1100 Fairview Avenue North
PO Box 19024
Seattle, WA 98109-1024
Phone: (206) 667-4707; Fax: (206) 667-4870
http://css.fhcrc.org

Registries in bold contributed data to this report.

West Virginia

West Virginia Department of Health and Human Resources
Bureau for Public Health
West Virginia Cancer Registry
350 Capitol Street, Room 126
Charleston, WV 25301
Phone: (304) 558-6421; Fax: (304) 558-4463
http://www.wvdhhr.org/bph/oehp/sdc/cancerrep.htm

Wisconsin

Wisconsin Department of Health and Family Services
Bureau of Health Information
Division of Health Care Financing
P.O. Box 309
Madison, WI 53701-0309
Phone: (608) 266-8926; Fax: (608) 261-6380
http://www.dhfs.state.wi.us/wcrs/index.htm

Wyoming

Wyoming Cancer Surveillance Program
Wyoming Central Tumor Registry
6101 Yellowstone Road, Room 259A
Cheyenne, WY 82002
Phone: (307) 777-3477; Fax: (307) 777-8604
http://wdhfs.state.wy.us/cancer

Registries in bold contributed data to this report.

Appendix B

National Program of Cancer Registries

Scientific Workgroup Members

Mark E. Allen, MS, California Cancer Registry
Virginia C. Andrews, MSPH, South Carolina Central Cancer Registry
Toni H. Bounds, PhD, MPH, Tennessee Cancer Registry
Vivien W. Chen, PhD, Louisiana Tumor Registry
Catherine N. Correa, PhD, MPH, Louisiana Tumor Registry
Susan T. Gershman, MS, MPH, PhD, CTR, Massachusetts Cancer Registry
Georgette G. Haydu, MS, Ohio Cancer Incidence Surveillance System
Dale Herman, MSPH, North Carolina Central Cancer Registry
Holly L. Howe, PhD, North American Association of Central Cancer Registries
Jeannette Jackson-Thompson, PhD, MSPH, Missouri Cancer Registry
Amy Kahn, MS, CTR, New York State Cancer Registry
Karen L. Knight, MS, North Carolina Central Cancer Registry
Betsy Kohler, MPH, CTR, New Jersey State Cancer Registry
Sue Min Lai, PhD, MS, MBA, Kansas Cancer Registry
Jill A. MacKinnon, CTR, Florida Cancer Data System
Jim Martin, PhD, Virginia Cancer Registry
Stacey Neloms, MPH, Maryland Cancer Registry
Xiaoling Niu, MS, New Jersey Cancer Registry
Maria J. Schymura, PhD, New York State Cancer Registry
Tiefu Shen, MD, PhD, Illinois State Cancer Registry
Laura Stephenson, Wisconsin Cancer Reporting System
Thomas C. Tucker, PhD, MPH, Kentucky Cancer Registry
Lydia Voti, MS, Florida Cancer Data System
Nancy S. Weiss, PhD, Texas Cancer Registry
Melanie Williams, PhD, Texas Cancer Registry
Brian D. Wright, BS, Pennsylvania Cancer Registry
William E. Wright, PhD, California Cancer Registry
Xiao Cheng Wu, MD, MPH, CTR, Louisiana Tumor Registry

Appendix C

National Partner Organizations

National partner organizations are crucial to the success of cancer registration and cancer surveillance in the United States. This document, and many advances in cancer surveillance in the United States, would not have been possible without the tireless efforts and many achievements of the following organizations:

American Cancer Society (ACS)
1599 Clifton Road NE
Atlanta, GA 30329-4251
Phone: (404) 329-5738
Fax: (404) 327-6450
http://www.cancer.org

American College of Surgeons (ACoS) Commission on Cancer (COC)
633 North Saint Clair Street
Chicago, IL 60611-3211
Phone: (312) 202-5085
Fax: (312) 202-5009
http://www.facs.org/dept/cancer/index.html

American Joint Committee on Cancer (AJCC)
633 North Saint Clair Street
Chicago, IL 60611-3211
Phone: (312) 202-5290
Fax: (312) 202-5009
http://www.cancerstaging.org

National Cancer Registrars Association (NCRA)
1310 Braddock Place, Suite 102
Alexandria, VA 22314
Phone: (703) 299-6640
Fax: (703) 299-6620
http://www.ncra-usa.org

North American Association of Central Cancer Registries (NAACCR)
2121 West White Oaks Drive, Suite C
Springfield, IL 62704-6495
Phone: (217) 698-0800
Fax: (217) 698-0188
http://www.naaccr.org

Appendix D

Tables D.1.1M–D.5.2

Table D.1.1M: Invasive Cancer Incidence Counts by Primary Site and Race and Ethnicity, United States*†

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Sites	620,170	536,650	57,775	11,872	33,799
Oral Cavity and Pharynx	18,145	15,524	1,855	407	1,002
Lip	1,583	1,501	~	~	41
Tongue	4,557	3,989	402	87	220
Salivary Gland	1,737	1,538	130	29	99
Floor of Mouth	1,374	1,160	170	18	72
Gum and Other Mouth	2,237	1,905	244	39	136
Nasopharynx	890	593	115	163	73
Tonsil	2,825	2,456	291	34	170
Oropharynx	771	616	145	~	50
Hypopharynx	1,548	1,259	253	24	102
Other Oral Cavity and Pharynx	623	507	95	~	39
Digestive System	120,927	103,593	11,843	3,713	7,947
Esophagus	9,585	8,171	1,144	147	416
Stomach	11,309	9,015	1,491	618	1,165
Small Intestine	2,317	1,924	314	44	130
Colon and Rectum	69,822	61,087	6,006	1,653	3,819
Colon excluding Rectum	48,693	42,423	4,513	1,051	2,476
Rectum and Rectosigmoid Junction	21,129	18,664	1,493	602	1,343
Anus, Anal Canal and Anorectum	1,320	1,119	162	17	82
Liver and Intrahepatic Bile Duct	8,722	6,659	1,095	792	1,161
Gallbladder	888	768	73	31	106
Other Biliary	2,054	1,818	128	90	171
Pancreas	13,750	12,028	1,324	297	793
Retroperitoneum	489	424	41	~	47
Peritoneum, Omentum and Mesentery	233	205	20	~	22
Other Digestive Organs	438	375	45	~	35
Respiratory System	110,598	96,568	11,256	1,850	4,343
Nose, Nasal Cavity and Middle Ear	965	833	96	20	62
Larynx	8,745	7,342	1,181	103	511
Lung and Bronchus	98,687	86,347	9,862	1,701	3,638
Pleura	1,845	1,734	85	17	78
Trachea and Other Respiratory Organs	356	312	32	~	54
Bones and Joints	1,308	1,116	120	40	184
Soft Tissue including Heart	4,030	3,442	407	97	363
Skin excluding Basal and Squamous	26,140	24,374	440	108	632
Melanomas of the Skin	23,191	21,963	104	59	376
Other Non-Epithelial Skin	2,949	2,411	336	49	256
Breast	1,590	1,337	189	34	70
Male Genital System	191,797	160,441	21,557	2,992	10,264
Prostate	183,643	152,901	21,248	2,868	9,353
Testis	6,925	6,463	205	101	758
Penis	964	858	74	~	126
Other Male Genital Organs	265	219	30	~	27

continued

Table D.1.1M: Invasive Cancer Incidence Counts by Primary Site and Race and Ethnicity, United States*† *(continued)*

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
Urinary System	61,825	56,618	3,396	798	2,929
Urinary Bladder‖	40,331	37,710	1,494	461	1,450
Kidney and Renal Pelvis	20,138	17,653	1,841	316	1,434
Ureter	909	865	16	18	21
Other Urinary Organs	447	390	45	~	24
Eye and Orbit	1,085	998	44	18	74
Brain and Other Nervous System	9,152	8,293	511	196	762
Brain	8,679	7,883	477	183	709
Cranial Nerves and Other Nervous System	473	410	34	~	53
Endocrine System	5,713	4,966	366	229	505
Thyroid	4,815	4,230	271	188	413
Other Endocrine including Thymus	898	736	95	41	92
Lymphomas	28,795	25,484	2,106	632	2,098
Hodgkin Lymphoma	3,817	3,305	375	58	419
Non-Hodgkin Lymphoma	24,978	22,179	1,731	574	1,679
Multiple Myeloma	7,149	5,811	1,088	117	455
Leukemias	16,866	14,990	1,122	363	1,315
Acute Lymphocytic	2,089	1,829	134	78	458
Chronic Lymphocytic	5,045	4,551	273	37	157
Acute Myeloid	5,202	4,616	366	152	389
Chronic Myeloid	2,051	1,773	179	48	158
Other Leukemias	2,479	2,221	170	48	153
Miscellaneous	15,050	13,095	1,475	278	856

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.
† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
‖ Includes invasive and *in situ*.
~ Counts are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Notes: Incidence counts cover approximately 92% of the U.S. population; death counts cover 100% of the U.S. population. Use caution when comparing incidence and death counts.

Table D.1.1F: Invasive Cancer Incidence Counts by Primary Site and Race and Ethnicity, United States*†

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Sites	582,722	509,934	49,866	12,869	32,500
Oral Cavity and Pharynx	8,712	7,497	768	254	422
Lip	515	470	~	~	18
Tongue	2,154	1,893	159	65	112
Salivary Gland	1,253	1,063	120	42	77
Floor of Mouth	611	537	54	~	21
Gum and Other Mouth	1,886	1,639	158	36	89
Nasopharynx	456	292	63	86	36
Tonsil	830	727	89	~	35
Oropharynx	282	238	37	~	~
Hypopharynx	470	413	51	~	~
Other Oral Cavity and Pharynx	255	225	26	~	~
Digestive System	107,311	91,432	11,445	2,986	6,377
Esophagus	3,044	2,526	445	45	133
Stomach	7,179	5,469	1,127	480	815
Small Intestine	2,082	1,706	306	46	95
Colon and Rectum	68,513	59,188	6,827	1,516	3,283
Colon excluding Rectum	52,343	45,211	5,346	1,064	2,360
Rectum and Rectosigmoid Junction	16,170	13,977	1,481	452	923
Anus, Anal Canal and Anorectum	2,153	1,928	168	28	141
Liver and Intrahepatic Bile Duct	3,903	3,109	406	313	490
Gallbladder	2,124	1,810	211	78	278
Other Biliary	1,914	1,650	146	84	178
Pancreas	14,141	12,025	1,655	337	805
Retroperitoneum	516	439	57	~	44
Peritoneum, Omentum and Mesentery	1,249	1,160	53	24	69
Other Digestive Organs	493	422	44	21	46
Respiratory System	80,745	72,224	6,614	1,174	2,515
Nose, Nasal Cavity and Middle Ear	718	626	56	20	46
Larynx	2,183	1,900	244	18	97
Lung and Bronchus	77,221	69,124	6,282	1,127	2,325
Pleura	477	449	18	~	35
Trachea and Other Respiratory Organs	146	125	~	~	~
Bones and Joints	1,095	921	115	20	122
Soft Tissue including Heart	3,388	2,861	384	76	295
Skin excluding Basal and Squamous	19,689	18,355	247	71	537
Melanomas of the Skin	18,019	16,900	122	48	439
Other Non-Epithelial Skin	1,670	1,455	125	23	98
Breast	180,038	157,880	14,913	4,131	9,632
Female Genital System	69,330	60,208	6,064	1,700	4,971
Cervix	11,447	9,001	1,733	410	1,563
Corpus	32,506	28,719	2,431	714	1,794
Uterus, NOS	1,076	854	177	20	73
Ovary	19,123	17,070	1,276	491	1,230

continued

Table D.1.1F: Invasive Cancer Incidence Counts by Primary Site and Race and Ethnicity, United States*† *(continued)*

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
Vagina	1,011	835	138	18	92
Vulva	3,302	2,977	232	27	153
Other Female Genital Organs	865	752	77	20	66
Urinary System	27,685	24,736	2,161	371	1,501
Urinary Bladder‖	14,078	12,874	834	175	500
Kidney and Renal Pelvis	12,774	11,139	1,245	183	962
Ureter	598	566	19	~	27
Other Urinary Organs	235	157	63	~	~
Eye and Orbit	876	810	25	~	67
Brain and Other Nervous System	7,493	6,733	507	148	609
Brain	6,908	6,236	450	131	549
Cranial Nerves and Other Nervous System	585	497	57	17	60
Endocrine System	15,759	13,532	1,094	733	1,550
Thyroid	14,955	12,862	1,010	701	1,486
Other Endocrine including Thymus	804	670	84	32	64
Lymphomas	25,605	22,763	1,793	540	1,634
Hodgkin Lymphoma	3,206	2,790	289	58	262
Non-Hodgkin Lymphoma	22,399	19,973	1,504	482	1,372
Multiple Myeloma	6,116	4,828	1,080	109	390
Leukemias	13,092	11,512	1,041	250	1,000
Acute Lymphocytic	1,657	1,401	144	70	350
Chronic Lymphocytic	3,575	3,199	224	20	106
Acute Myeloid	4,443	3,934	350	103	325
Chronic Myeloid	1,580	1,349	160	34	107
Other Leukemias	1,837	1,629	163	23	112
Miscellaneous	15,788	13,642	1,615	296	878
Breast, *in situ*¶	39,582	34,314	3,191	1,204	1,997

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.
† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
‖ Includes invasive and *in situ*.
¶ Case counts for *in situ* female breast cancer are listed separately and are not included in the "all sites" category.
~ Counts are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Notes: Incidence counts cover approximately 92% of the U.S. population; death counts cover 100% of the U.S. population. Use caution when comparing incidence and death counts.

Table D.1.2M: Cancer Death Counts by Primary Site and Race and Ethnicity, United States*

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Sites	287,068	248,142	32,676	5,147	11,825
Oral Cavity and Pharynx	5,155	4,183	781	158	219
Lip	60	59	~	~	~
Tongue	1,191	1,014	150	21	44
Salivary Gland	419	388	25	~	~
Floor of Mouth	84	68	~	~	~
Gum and Other Mouth	653	552	89	~	31
Nasopharynx	415	269	55	84	27
Tonsil	460	365	87	~	25
Oropharynx	403	305	89	~	18
Hypopharynx	257	205	41	~	~
Other Oral Cavity and Pharynx	1,213	958	230	18	43
Digestive System	70,751	59,921	8,523	1,996	3,803
Esophagus	9,606	8,204	1,231	133	316
Stomach	7,191	5,568	1,186	386	680
Small Intestine	568	462	89	~	26
Colon and Rectum	28,229	24,342	3,247	545	1,188
Colon excluding Rectum	23,491	20,197	2,775	449	956
Rectum and Rectosigmoid Junction	4,738	4,145	472	96	232
Anus, Anal Canal and Anorectum	185	164	18	~	~
Liver and Intrahepatic Bile Duct	8,483	6,774	1,048	590	812
Gallbladder	567	486	55	21	60
Other Biliary	765	687	49	24	45
Pancreas	14,466	12,640	1,523	265	643
Retroperitoneum	102	92	~	~	~
Peritoneum, Omentum and Mesentery	100	91	~	~	~
Other Digestive Organs	489	411	65	~	22
Respiratory System	94,049	81,619	10,722	1,386	2,672
Nose, Nasal Cavity and Middle Ear	262	224	31	~	~
Larynx	3,018	2,417	541	42	141
Lung and Bronchus	90,363	78,617	10,117	1,330	2,494
Pleura	238	224	~	~	~
Trachea and Other Respiratory Organs	168	137	24	~	~
Bones and Joints	717	622	75	16	58
Soft Tissue including Heart	1,836	1,591	199	38	113
Skin excluding Basal and Squamous	6,450	6,244	160	32	128
Melanomas of the Skin	4,763	4,702	37	~	78
Other Non-Epithelial Skin	1,687	1,542	123	17	50
Breast	415	344	65	~	~
Male Genital System	31,300	25,577	5,318	307	1,297
Prostate	30,719	25,066	5,265	296	1,226
Testis	335	303	22	~	44
Penis	205	174	25	~	25
Other Male Genital Organs	41	34	~	~	~

continued

Table D.1.2M: Cancer Death Counts by Primary Site and Race and Ethnicity, United States* *(continued)*

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
Urinary System	16,205	14,786	1,146	202	660
Urinary Bladder	8,343	7,780	447	100	223
Kidney and Renal Pelvis	7,524	6,695	678	97	426
Ureter	165	158	~	~	~
Other Urinary Organs	173	153	18	~	~
Eye and Orbit	116	112	~	~	~
Brain and Other Nervous System	7,015	6,498	382	110	335
Endocrine System	1,064	937	95	30	66
Thyroid	568	510	43	~	37
Other Endocrine including Thymus	496	427	52	17	29
Lymphoma	12,435	11,286	877	224	645
Hodgkin Lymphoma	725	644	73	~	66
Non-Hodgkin Lymphoma	11,710	10,642	804	216	579
Multiple Myeloma	5,480	4,543	846	70	285
Leukemias	11,894	10,705	939	208	642
Acute Lymphocytic	789	685	71	23	133
Chronic Lymphocytic	2,519	2,299	207	~	51
Acute Myeloid	4,198	3,802	296	89	211
Chronic Myeloid	900	777	89	30	68
Other Leukemias	3,488	3,142	276	55	179
Miscellaneous	22,186	19,174	2,544	365	882

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Counts are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Notes: Incidence counts cover approximately 92% of the U.S. population; death counts cover 100% of the U.S. population. Use caution when comparing incidence and death counts.

Table D.1.2F: Cancer Death Counts by Primary Site and Race and Ethnicity, United States*

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Sites	266,692	231,505	29,490	4,645	10,546
Oral Cavity and Pharynx	2,546	2,186	283	70	92
Lip	17	16	~	~	~
Tongue	627	555	49	22	31
Salivary Gland	266	237	25	~	~
Floor of Mouth	51	45	~	~	~
Gum and Other Mouth	526	471	47	~	~
Nasopharynx	206	145	27	32	~
Tonsil	152	129	22	~	~
Oropharynx	189	158	31	~	~
Hypopharynx	91	76	~	~	~
Other Oral Cavity and Pharynx	421	354	61	~	17
Digestive System	61,050	51,391	7,922	1,485	3,070
Esophagus	2,923	2,419	457	33	85
Stomach	5,128	3,933	881	286	509
Small Intestine	514	421	85	~	25
Colon and Rectum	28,579	24,335	3,649	500	1,053
Colon excluding Rectum	24,801	21,054	3,244	422	916
Rectum and Rectosigmoid Junction	3,778	3,281	405	78	137
Anus, Anal Canal and Anorectum	326	298	25	~	~
Liver and Intrahepatic Bile Duct	4,868	3,923	622	285	444
Gallbladder	1,404	1,202	153	37	146
Other Biliary	865	765	70	24	54
Pancreas	15,336	13,128	1,871	286	693
Retroperitoneum	118	101	~	~	~
Peritoneum, Omentum and Mesentery	518	480	29	~	21
Other Digestive Organs	471	386	68	~	21
Respiratory System	66,795	59,585	6,054	900	1,362
Nose, Nasal Cavity and Middle Ear	223	196	19	~	~
Larynx	779	632	137	~	22
Lung and Bronchus	65,606	58,588	5,885	885	1,318
Pleura	88	84	~	~	~
Trachea and Other Respiratory Organs	99	85	~	~	~
Bones and Joints	581	496	72	~	48
Soft Tissue including Heart	1,813	1,549	216	38	117
Skin excluding Basal and Squamous	3,582	3,460	103	17	85
Melanomas of the Skin	2,779	2,701	67	~	67
Other Non-Epithelial Skin	803	759	36	~	18
Breast	41,394	35,078	5,506	684	1,746
Female Genital System	26,838	23,050	3,151	504	1,394
Cervix	4,092	3,136	787	137	412
Corpus	3,185	2,700	431	44	125
Uterus, NOS	3,598	2,906	615	62	194
Ovary	14,414	12,950	1,153	243	603

continued

Table D.1.2F: Cancer Death Counts by Primary Site and Race and Ethnicity, United States* *(continued)*

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
Vagina	382	309	61	~	18
Vulva	765	696	65	~	29
Other Female Genital Organs	402	353	39	~	~
Urinary System	8,705	7,657	899	106	333
Urinary Bladder	3,882	3,400	430	42	113
Kidney and Renal Pelvis	4,554	4,025	435	61	214
Ureter	129	119	~	~	~
Other Urinary Organs	140	113	26	~	~
Eye and Orbit	110	100	~	~	~
Brain and Other Nervous System	5,594	5,140	359	77	282
Endocrine System	1,235	1,045	144	40	81
Thyroid	786	665	88	29	56
Other Endocrine including Thymus	449	380	56	~	25
Lymphoma	11,193	10,219	756	170	462
Hodgkin Lymphoma	598	526	64	~	33
Non-Hodgkin Lymphoma	10,595	9,693	692	165	429
Multiple Myeloma	5,234	4,207	936	63	231
Leukemia	9,638	8,597	844	162	474
Acute Lymphocytic Leukemia	644	552	65	18	102
Chronic Lymphocytic Leukemia	1,867	1,701	158	~	24
Acute Myeloid Leukemia	3,551	3,170	287	80	167
Chronic Myeloid Leukemia	749	649	80	18	46
Other Leukemias	2,827	2,525	254	39	135
Miscellaneous	20,384	17,745	2,241	313	763

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Counts are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Notes: Incidence counts cover approximately 92% of the U.S. population; death counts cover 100% of the U.S. population. Use caution when comparing incidence and death counts.

Table D.2.1M: Invasive Cancer Incidence Counts for Ages 0-19 by International Classification of Childhood Cancer (ICCC*) Group and Subgroup, Race and Ethnicity, United States†

Males, 2001

ICCC Group and Subgroup	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Sites Combined	6,421	5,358	631	234	1,241
I Leukemia	1,717	1,462	125	76	401
I(a) Lymphoid leukemia	1,320	1,139	87	57	306
Acute lymphocytic leukemia (ALL)	1,261	1,089	83	53	293
Lymphoid excluding ALL	59	50	~	~	~
I(b) Acute non-lymphocytic leukemia	293	240	29	~	65
I(c) Chronic myeloid leukemia	53	45	~	~	~
I(d) Other specified leukemia	~	~	~	~	~
I(e) Unspecified leukemia	43	32	~	~	~
II Lymphoma and reticuloendothelial neoplasms	1,042	865	116	33	184
II(a) Hodgkin lymphoma	495	424	51	~	98
II(b) Non-Hodgkin lymphoma	400	318	55	~	63
II(c) Burkitt lymphoma	121	108	~	~	18
II(d) Miscellaneous lymphoreticular neoplasms	~	~	~	~	~
II(e) Unspecified lymphoma	~	~	~	~	~
III CNS and misc intracranial and intraspinal neoplasms	1,056	889	103	33	189
III(a) Ependymoma	86	78	~	~	21
III(b) Astrocytoma	520	438	51	~	83
III(c) Primitive neuroectodermal tumors	241	205	25	~	51
III(d) Other gliomas	166	133	19	~	22
III(e) Misc intracranial and intraspinal neoplasms	~	~	~	~	~
III(f) Unspecified intracranial and intraspinal neoplasm	33	28	~	~	~
IV Sympathetic nervous system tumors	311	259	33	~	49
IV(a) Neuroblastoma and ganglioneuroblastoma	301	251	33	~	46
IV(b) Other sympathetic nervous system tumors	~	~	~	~	~
V Retinoblastoma	123	89	24	~	35
VI Renal tumors	233	174	44	~	39
VI(a) Wilms tumor, rhabdoid and clear cell sarcoma	211	164	33	~	35
VI(b) Renal carcinoma	21	~	~	~	~
VI(c) Unspecified malignant renal tumors	~	~	~	~	~
VII Hepatic tumors	67	49	~	~	~
VII(a) Hepatoblastoma	48	38	~	~	~
VII(b) Hepatic carcinoma	19	~	~	~	~
VII(c) Unspecified malignant hepatic tumors	~	~	~	~	~
VIII Malignant bone tumors	396	333	38	17	74
VIII(a) Osteosarcoma	207	163	27	~	43
VIII(b) Chrondosarcoma	~	~	~	~	~

continued

Table D.2.1M: Invasive Cancer Incidence Counts for Ages 0-19 by International Classification of Childhood Cancer (ICCC*) Group and Subgroup, Race and Ethnicity, United States† *(continued)*

Males, 2001

ICCC Group and Subgroup	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
VIII(c) Ewing sarcoma	152	139	~	~	22
VIII(d) Other specified malignant bone tumors	~	~	~	~	~
VIII(e) Unspecified malignant bone tumors	~	~	~	~	~
IX Soft-tissue sarcomas	506	406	73	~	89
IX(a) Rhabdomyosarcoma and embryonal sarcoma	219	184	29	~	30
IX(b) Fibrosarcoma, neurofibrosar and oth fibromatous neo	100	76	19	~	28
IX(c) Kaposi sarcoma	~	~	~	~	~
IX(d) Other specified soft-tissue sarcomas	117	96	~	~	18
IX(d) excluding misclassification from III(c)	99	78	~	~	16
PNET - not in brain/CNS/bone	18	18	~	~	~
IX(e) Unspecified soft-tissue sarcomas	69	50	~	~	~
X Germ-cell, trophoblastic and other gonadal neoplasms	486	422	27	18	115
X(a) Intracranial and intraspinal germ-cell tumors	87	67	~	~	20
X(b) Other and unspecified non-gonadal germ-cell tumors	52	36	~	~	~
X(c) Gonadal germ-cell tumors	342	314	~	~	80
X(d) Gonadal carcinomas	~	~	~	~	~
X(e) Other and unspecified malignant gonadal tumors	~	~	~	~	~
XI Carcinomas and other malignant epithelial neoplasms	437	372	38	~	43
XI(a) Adrenocortical carcinoma	~	~	~	~	~
XI(b) Thyroid carcinoma	94	82	~	~	~
XI(c) Nasopharyngeal carcinoma	23	~	~	~	~
XI(d) Malignant melanoma	177	163	~	~	~
XI(e) Skin carcinoma	~	~	~	~	~
XI(f) Other and unspecified carcinomas	137	111	20	~	16
XII Other and unspecified malignant neoplasms	24	21	~	~	~
XII(a) Other specified malignant tumors	~	~	~	~	~
XII(b) Other unspecified malignant tumors	16	~	~	~	~
Not classified by SEER	23	17	~	~	~

* SEER modification of the 1996 International Classification of Childhood Cancer based on ICD-0-2. See technical notes.

† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.

‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.

§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

~ Counts are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table D.2.1F: Invasive Cancer Incidence Counts for Ages 0-19 by International Classification of Childhood Cancer (ICCC*) Group and Subgroup, Race and Ethnicity, United States†

Females, 2001

ICCC Group and Subgroup	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
All Sites Combined	5,485	4,531	585	199	950
I Leukemia	1,388	1,160	130	62	313
I(a) Lymphoid leukemia	1,036	869	89	47	239
Acute lymphocytic leukemia (ALL)	1,008	844	86	47	232
Lymphoid excluding ALL	28	25	~	~	~
I(b) Acute non-lymphocytic leukemia	265	219	32	~	54
I(c) Chronic myeloid leukemia	37	27	~	~	~
I(d) Other specified leukemia	~	~	~	~	~
I(e) Unspecified leukemia	40	35	~	~	~
II Lymphoma and reticuloendothelial neoplasms	711	593	80	24	96
II(a) Hodgkin lymphoma	427	373	37	~	57
II(b) Non-Hodgkin lymphoma	234	178	37	~	29
II(c) Burkitt lymphoma	33	28	~	~	~
II(d) Miscellaneous lymphoreticular neoplasms	~	~	~	~	~
II(e) Unspecified lymphoma	~	~	~	~	~
III CNS and misc intracranial and intraspinal neoplasms	919	751	105	33	148
III(a) Ependymoma	80	69	~	~	18
III(b) Astrocytoma	475	383	51	20	65
III(c) Primitive neuroectodermal tumors	162	135	21	~	30
III(d) Other gliomas	165	133	21	~	26
III(e) Misc intracranial and intraspinal neoplasms	~	~	~	~	~
III(f) Unspecified intracranial and intraspinal neoplasm	29	24	~	~	~
IV Sympathetic nervous system tumors	305	257	30	~	44
IV(a) Neuroblastoma and ganglioneuroblastoma	301	254	30	~	44
IV(b) Other sympathetic nervous system tumors	~	~	~	~	~
V Retinoblastoma	103	83	~	~	33
VI Renal tumors	247	196	38	~	40
VI(a) Wilms tumor, rhabdoid and clear cell sarcoma	223	180	32	~	37
VI(b) Renal carcinoma	24	16	~	~	~
VI(c) Unspecified malignant renal tumors	~	~	~	~	~
VII Hepatic tumors	65	51	~	~	~
VII(a) Hepatoblastoma	44	35	~	~	~
VII(b) Hepatic carcinoma	20	16	~	~	~
VII(c) Unspecified malignant hepatic tumors	~	~	~	~	~
VIII Malignant bone tumors	286	226	37	~	44
VIII(a) Osteosarcoma	159	118	29	~	28
VIII(b) Chrondosarcoma	~	~	~	~	~

continued

Table D.2.1F: Invasive Cancer Incidence Counts for Ages 0-19 by International Classification of Childhood Cancer (ICCC*) Group and Subgroup, Race and Ethnicity, United States† *(continued)*

Females, 2001

ICCC Group and Subgroup	All Races	White	Black	Asian/Pacific Islander‡	Hispanic‡§
VIII(c) Ewing sarcoma	103	90	~	~	~
VIII(d) Other specified malignant bone tumors	~	~	~	~	~
VIII(e) Unspecified malignant bone tumors	~	~	~	~	~
IX Soft-tissue sarcomas	404	326	60	~	62
IX(a) Rhabdomyosarcoma and embryonal sarcoma	147	124	19	~	22
IX(b) Fibrosarcoma, neurofibrosar and oth fibromatous neo	90	66	~	~	~
IX(c) Kaposi sarcoma	~	~	~	~	~
IX(d) Other specified soft-tissue sarcomas	128	108	18	~	26
IX(d) excluding misclassification from III(c)	107	89	16	~	20
PNET - not in brain/CNS/bone	21	19	~	~	~
IX(e) Unspecified soft-tissue sarcomas	39	28	~	~	~
X Germ-cell, trophoblastic and other gonadal neoplasms	259	209	26	17	61
X(a) Intracranial and intraspinal germ-cell tumors	27	21	~	~	~
X(b) Other and unspecified non-gonadal germ-cell tumors	60	47	~	~	16
X(c) Gonadal germ-cell tumors	132	108	~	~	34
X(d) Gonadal carcinomas	25	22	~	~	~
X(e) Other and unspecified malignant gonadal tumors	~	~	~	~	~
XI Carcinomas and other malignant epithelial neoplasms	741	633	61	18	81
XI(a) Adrenocortical carcinoma	~	~	~	~	~
XI(b) Thyroid carcinoma	316	276	16	~	40
XI(c) Nasopharyngeal carcinoma	20	~	~	~	~
XI(d) Malignant melanoma	237	224	~	~	~
XI(e) Skin carcinoma	~	~	~	~	~
XI(f) Other and unspecified carcinomas	154	115	31	~	29
XII Other and unspecified malignant neoplasms	33	27	~	~	~
XII(a) Other specified malignant tumors	21	18	~	~	~
XII(b) Other unspecified malignant tumors	~	~	~	~	~
Not classified by SEER	24	19	~	~	~

* SEER modification of the 1996 International Classification of Childhood Cancer based on ICD-0-2. See technical notes.

† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.

‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.

§ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

~ Counts are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table D.3.1: Invasive Cancer Incidence Counts by International Classification of Childhood Cancer (ICCC*) Group and Subgroup, and Age, United States†

All Races, Males and Females, 2001

ICCC Group and Subgroup	Age (years)						
	0-14	0-19	<1	1-4	5-9	10-14	15-19
All Sites Combined	8,167	11,906	867	2,877	2,006	2,417	3,739
I Leukemia	2,601	3,105	147	1,227	665	562	504
I(a) Lymphoid leukemia	2,068	2,356	69	1,052	558	389	288
Acute lymphocytic leukemia (ALL)	1,997	2,269	65	1,023	535	374	272
Lymphoid excluding ALL	71	87	~	29	23	~	16
I(b) Acute non-lymphocytic leukemia	402	558	55	126	85	136	156
I(c) Chronic myeloid leukemia	59	90	~	21	~	21	31
I(d) Other specified leukemia	~	18	~	~	~	~	~
I(e) Unspecified leukemia	60	83	~	25	~	~	23
II Lymphoma and reticuloendothelial neoplasms	829	1,753	~	106	258	453	924
II(a) Hodgkin lymphoma	326	922	~	18	83	222	596
II(b) Non-Hodgkin lymphoma	359	634	~	49	123	183	275
II(c) Burkitt lymphoma	119	154	~	31	47	41	35
II(d) Miscellaneous lymphoreticular neoplasms	~	~	~	~	~	~	~
II(e) Unspecified lymphoma	~	28	~	~	~	~	~
III CNS and misc intracranial and intraspinal neoplasms	1,625	1,975	111	503	558	453	350
III(a) Ependymoma	142	166	19	54	36	33	24
III(b) Astrocytoma	800	995	45	241	281	233	195
III(c) Primitive neuroectodermal tumors	348	403	27	127	125	69	55
III(d) Other gliomas	266	331	~	52	105	100	65
III(e) Misc intracranial and intraspinal neoplasms	16	18	~	~	~	~	~
III(f) Unspecified intracranial and intraspinal neoplasm	53	62	~	27	~	~	~
IV Sympathetic nervous system tumors	605	616	212	311	58	24	~
IV(a) Neuroblastoma and ganglioneuroblastoma	596	602	209	309	55	23	~
IV(b) Other sympathetic nervous system tumors	~	~	~	~	~	~	~
V Retinoblastoma	226	226	99	118	~	~	~
VI Renal tumors	455	480	63	273	92	27	25
VI(a) Wilms tumor, rhabdoid and clear cell sarcoma	431	434	59	270	88	~	~
VI(b) Renal carcinoma	23	45	~	~	~	~	22
VI(c) Unspecified malignant renal tumors	~	~	~	~	~	~	~
VII Hepatic tumors	114	132	37	52	~	~	18
VII(a) Hepatoblastoma	91	92	35	49	~	~	~
VII(b) Hepatic carcinoma	22	39	~	~	~	~	17
VII(c) Unspecified malignant hepatic tumors	~	~	~	~	~	~	~
VIII Malignant bone tumors	379	682	~	19	97	261	303
VIII(a) Osteosarcoma	204	366	~	~	51	149	162
VIII(b) Chrondosarcoma	~	27	~	~	~	~	18
VIII(c) Ewing sarcoma	152	255	~	~	42	97	103
VIII(d) Other specified malignant bone tumors	~	22	~	~	~	~	~
VIII(e) Unspecified malignant bone tumors	~	~	~	~	~	~	~
IX Soft-tissue sarcomas	605	910	64	173	144	224	305
IX(a) Rhabdomyosarcoma and embryonal sarcoma	284	366	~	130	79	64	82
IX(b) Fibrosarcoma, neurofibrosar and oth fibromatous neo	117	190	28	~	29	48	73
IX(c) Kaposi sarcoma	~	~	~	~	~	~	~

continued

Table D.3.1: Invasive Cancer Incidence Counts by International Classification of Childhood Cancer (ICCC*) Group and Subgroup, and Age, United States† *(continued)*

All Races, Males and Females, 2001

ICCC Group and Subgroup	Age (years)						
	0-14	0-19	<1	1-4	5-9	10-14	15-19
IX(d) Other specified soft-tissue sarcomas	143	245	18	22	29	74	102
IX(d) excluding misclassification from III(c)	122	206	~	18	23	67	84
PNET - not in brain/CNS/bone	21	39	~	~	~	~	18
IX(e) Unspecified soft-tissue sarcomas	61	108	~	~	~	38	47
X Germ-cell, trophoblastic and other gonadal neoplasms	269	745	65	45	35	124	476
X(a) Intracranial and intraspinal germ-cell tumors	70	114	~	~	~	50	44
X(b) Other and unspecified non-gonadal germ-cell tumors	74	112	40	25	~	~	38
X(c) Gonadal germ-cell tumors	107	474	18	18	17	54	367
X(d) Gonadal carcinomas	~	27	~	~	~	~	20
X(e) Other and unspecified malignant gonadal tumors	~	18	~	~	~	~	~
XI Carcinomas and other malignant epithelial neoplasms	388	1,178	31	23	71	263	790
XI(a) Adrenocortical carcinoma	16	17	~	~	~	~	~
XI(b) Thyroid carcinoma	131	410	~	~	20	107	279
XI(c) Nasopharyngeal carcinoma	20	43	~	~	~	18	23
XI(d) Malignant melanoma	115	414	~	~	24	70	299
XI(e) Skin carcinoma	~	~	~	~	~	~	~
XI(f) Other and unspecified carcinomas	104	291	~	~	22	62	187
XII Other and unspecified malignant neoplasms	29	57	~	~	~	~	28
XII(a) Other specified malignant tumors	16	29	~	~	~	~	~
XII(b) Other unspecified malignant tumors	~	28	~	~	~	~	~
Not classified by SEER	42	47	20	~	~	~	~

* SEER modification of the 1996 International Classification of Childhood Cancer based on ICD-0-2. See technical notes.
† Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.
~ Counts are suppressed if fewer than 16 cases were reported in the specific site-age category.

Table D.4.1M: Childhood Invasive Cancer Incidence Counts for Ages 0-19 by Primary Site and Race and Ethnicity, United States*

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Sites	6,421	5,358	631	234	1,241
Bones and Joints	400	334	40	17	75
Brain and Other Nervous System	1,098	922	109	35	199
Hodgkin Lymphoma	495	424	51	~	98
Kidney and Renal Pelvis	243	183	44	~	42
Leukemia	1,717	1,462	125	76	401
Acute Lymphocytic	1,288	1,112	84	55	299
Acute Myeloid	277	228	26	~	62
Non-Hodgkin Lymphoma	535	434	63	20	83
Soft Tissue	380	303	56	~	63
Other	1,553	1,296	143	55	283

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.

† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.

‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

~ Counts are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table D.4.2M: Childhood Cancer Death Counts for Ages 0-19 by Primary Site and Race and Ethnicity, United States*

Males, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Sites	1,240	971	203	50	233
Bones and Joints	114	95	~	~	18
Brain and Other Nervous System	268	219	34	~	40
Hodgkin Lymphoma	18	16	~	~	~
Kidney and Renal Pelvis	27	~	~	~	~
Leukemia	410	321	67	19	106
Acute Lymphocytic	193	154	29	~	59
Acute Myeloid	114	89	20	~	23
Non-Hodgkin Lymphoma	74	56	16	~	~
Soft Tissue	87	65	18	~	16
Other	242	187	41	~	31

* Data are from the National Vital Statistics System (NVSS).

† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.

‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

~ Counts are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Notes: Incidence counts cover approximately 92% of the U.S. population; death counts cover 100% of the U.S. population. Use caution when comparing incidence and death counts.

Table D.4.1F: Childhood Invasive Cancer Incidence Counts for Ages 0-19 by Primary Site and Race and Ethnicity, United States*

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Sites	5,485	4,531	585	199	950
Bones and Joints	291	231	37	~	44
Brain and Other Nervous System	943	771	101	39	152
Hodgkin Lymphoma	427	373	37	~	57
Kidney and Renal Pelvis	257	203	40	~	41
Leukemia	1,388	1,160	130	62	313
Acute Lymphocytic	1,021	856	87	47	236
Acute Myeloid	237	195	29	~	48
Non-Hodgkin Lymphoma	281	218	43	~	38
Soft Tissue	347	288	43	~	58
Other	1,551	1,287	154	52	252

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.

† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.

‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

~ Counts are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Table D.4.2F: Childhood Cancer Death Counts for Ages 0-19 by Primary Site and Race and Ethnicity, United States*

Females, 2001

Primary Site	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Sites	986	803	140	37	185
Bones and Joints	75	64	~	~	17
Brain and Other Nervous System	252	209	33	~	39
Hodgkin Lymphoma	~	~	~	~	~
Kidney and Renal Pelvis	39	29	~	~	~
Leukemia	318	265	38	~	81
Acute Lymphocytic	120	99	16	~	40
Acute Myeloid	113	94	~	~	20
Non-Hodgkin Lymphoma	27	22	~	~	~
Soft Tissue	60	50	~	~	~
Other	202	154	32	~	21

* Data are from the National Vital Statistics System (NVSS).

† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.

‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

~ Counts are suppressed if fewer than 16 cases were reported in the specific site-race-ethnic category.

Notes: Incidence counts cover approximately 92% of the U.S. population; death counts cover 100% of the U.S. population. Use caution when comparing incidence and death counts.

Table D.5.1: Childhood Invasive Cancer Incidence Counts by Primary Site and Age, United States*

All Races, Males and Females, 2001

Primary Site	Age (years) 0-14	0-19	<1	1-4	5-9	10-14	15-19
All Sites	8,167	11,906	867	2,877	2,006	2,417	3,739
Bones and Joints	385	691	~	20	99	261	306
Brain and Other Nervous System	1,674	2,041	126	504	564	480	367
Hodgkin Lymphoma	326	922	~	18	83	222	596
Kidney and Renal Pelvis	471	500	66	283	93	29	29
Leukemia	2,601	3,105	147	1,227	665	562	504
Acute Lymphocytic	2,029	2,309	67	1,038	543	381	280
Acute Myeloid	367	514	47	115	77	128	147
Non-Hodgkin Lymphoma	492	816	~	82	172	231	324
Soft Tissue	530	727	112	168	86	164	197
Other	1,688	3,104	401	575	244	468	1,416

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.

~ Counts are suppressed if fewer than 16 cases were reported in the specific site-age category.

Table D.5.2: Childhood Cancer Death Counts by Primary Site and Age, United States*

All Races, Males and Females, 2001

Primary Site	Age (years) 0-14	0-19	<1	1-4	5-9	10-14	15-19
All Sites	1,494	2,226	66	420	493	515	732
Bones and Joints	88	189	~	~	~	72	101
Brain and Other Nervous System	416	520	16	100	170	130	104
Hodgkin Lymphoma	~	31	~	~	~	~	25
Kidney and Renal Pelvis	58	66	~	22	30	~	~
Leukemia	503	728	25	155	153	170	225
Acute Lymphocytic	208	313	~	41	84	78	105
Acute Myeloid	157	227	~	73	31	46	70
Non-Hodgkin Lymphoma	40	101	~	~	~	27	61
Soft Tissue	86	147	~	18	26	36	61
Other	297	444	17	122	88	70	147

* Data are from the National Vital Statistics System (NVSS).

~ Counts are suppressed if fewer than 16 cases were reported in the specific site-age category.

Notes: Incidence counts cover approximately 92% of the U.S. population; death counts cover 100% of the U.S. population. Use caution when comparing incidence and death counts.

Appendix E

Tables E.1.1–E.25.2

Table E.1.1: All Cancer Sites Combined. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	144,106	125,791	12,908	6,400	140,499	124,140	11,348	6,227
New England	38,153	35,784	1,404	970	36,689	34,703	1,087	1,020
Connecticut	9,273	8,524	577	320	9,165	8,518	485	339
Maine	3,919	3,895	~	~	3,576	3,552	~	17
Massachusetts	17,260	15,974	708	-	16,724	15,652	509	-
New Hampshire	3,079	2,961	23	-	2,943	2,882	~	-
Rhode Island	3,106	2,925	82	113	2,821	2,653	71	117
Vermont	1,516	1,505	~	~	1,460	1,446	~	~
Middle Atlantic	105,953	90,007	11,504	~	103,810	89,437	10,261	~
New Jersey	23,905	20,275	2,713	1,468	22,362	19,372	2,199	1,266
New York	45,577	37,052	5,816	3,437	46,207	38,156	5,423	3,488
Pennsylvania	36,471	32,680	2,975	-	35,241	31,909	2,639	-
Midwest								
East North Central	110,825	96,033	10,894	~	105,439	92,996	9,710	~
Illinois	29,303	24,592	3,735	-	28,576	24,139	3,584	-
Indiana	14,381	13,175	999	175	13,917	12,839	897	165
Michigan	25,821	21,517	3,033	323	23,033	19,925	2,492	302
Detroit	11,224	8,564	2,427	-	9,997	7,859	1,991	-
Ohio	27,779	23,929	2,638	200	27,043	23,894	2,282	208
Wisconsin	13,541	12,820	489	169	12,870	12,199	455	146
West North Central								
Iowa	7,722	7,501	108	43	7,511	7,345	77	55
Kansas	6,408	5,923	279	133	6,081	5,713	211	136
Minnesota	12,206	11,469	235	86	11,107	10,535	162	102
Missouri	13,331	12,081	1,138	116	12,985	11,755	1,115	122
Nebraska	4,123	3,850	108	73	3,984	3,793	87	78
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	1,499	401	1,011	27	1,359	409	891	33
Florida	50,574	45,602	4,196	-	44,496	40,177	3,514	-
Georgia	17,244	12,933	4,114	234	15,591	11,959	3,408	282
Atlanta	5,199	3,595	1,486	133	4,966	3,463	1,370	140
Maryland								
North Carolina	18,462	14,780	3,381	157	16,932	13,784	2,889	175
South Carolina	9,721	7,195	2,367	-	8,477	6,413	1,953	-
Virginia								
West Virginia	5,397	5,277	116	17	4,939	4,806	120	20
East South Central								
Alabama	10,700	8,453	2,131	53	9,541	7,571	1,877	45
Kentucky	11,048	10,090	655	-	10,124	9,374	600	-
Mississippi								
Tennessee								

continued

Table E.1.1: All Cancer Sites Combined. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	64,893	55,079	8,199	~	58,926	50,185	7,205	~
Arkansas	6,513	5,730	713	19	5,871	5,143	647	33
Louisiana	11,096	8,073	2,922	-	9,479	6,905	2,483	-
Oklahoma	8,333	7,471	471	117	7,799	7,044	380	125
Texas	38,951	33,805	4,093	6,138	35,777	31,093	3,695	6,037
West	131,911	114,192	5,935	12,738	124,731	108,979	4,699	12,679
Mountain	38,320	35,915	850	3,309	35,266	33,247	635	3,133
Arizona	10,900	10,245	209	1,029	10,309	9,779	182	1,035
Colorado	8,599	7,856	267	756	8,497	7,896	193	765
Idaho	2,936	2,884	~	62	2,563	2,521	~	69
Montana	2,458	2,290	~	-	2,178	2,053	~	-
Nevada	4,952	4,483	265	-	4,362	3,921	207	-
New Mexico	3,674	3,463	64	998	3,240	3,044	37	847
Utah	3,629	3,541	28	166	3,156	3,089	~	171
Wyoming	1,172	1,153	~	41	961	944	~	33
Pacific	93,591	78,277	5,085	9,429	89,465	75,732	~	9,546
Alaska	1,060	842	34	-	945	719	25	-
California	66,621	55,203	4,553	8,940	63,717	53,701	3,744	8,950
San Francisco-Oakland	8,971	6,555	859	741	8,498	6,240	779	743
San Jose-Monterey	4,218	3,542	90	590	4,235	3,530	66	593
Los Angeles	17,546	13,135	2,158	3,337	17,157	13,265	1,812	3,649
Hawaii	2,832	883	26	-	2,617	748	~	-
Oregon	8,682	8,208	116	152	8,406	7,969	74	192
Washington	14,396	13,141	356	294	13,780	12,595	213	366
Seattle-Puget Sound	9,817	8,982	322	126	9,508	8,690	203	94

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.1.2: All Cancer Sites Combined. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	57,133	50,991	5,324	1,737	57,852	51,637	5,505	1,647
New England	14,931	14,285	524	191	15,002	14,373	494	182
Connecticut	3,435	3,202	213	70	3,658	3,419	216	67
Maine	1,609	1,591	~	~	1,436	1,422	~	~
Massachusetts	6,783	6,456	255	100	6,967	6,637	246	88
New Hampshire	1,241	1,230	~	~	1,157	1,149	~	~
Rhode Island	1,219	1,164	44	17	1,179	1,143	27	18
Vermont	644	642	~	~	605	603	~	~
Middle Atlantic	42,202	36,706	4,800	1,546	42,850	37,264	5,011	1,465
New Jersey	8,928	7,661	1,115	350	9,236	8,064	1,019	338
New York	18,183	15,353	2,353	1,062	18,792	15,783	2,657	1,016
Pennsylvania	15,091	13,692	1,332	134	14,822	13,417	1,335	111
Midwest	68,644	61,625	6,425	738	63,789	57,465	5,756	576
East North Central	48,144	42,372	5,391	595	44,735	39,502	4,896	444
Illinois	12,730	10,676	1,890	330	12,048	10,106	1,807	293
Indiana	6,791	6,251	524	65	6,040	5,555	468	31
Michigan	10,224	8,778	1,346	101	9,465	8,166	1,208	64
Ohio	12,808	11,345	1,418	77	11,996	10,708	1,243	39
Wisconsin	5,591	5,322	213	22	5,186	4,967	170	17
West North Central	20,500	19,253	1,034	143	19,054	17,963	860	132
Iowa	3,265	3,200	52	16	3,139	3,080	40	~
Kansas	2,885	2,676	178	49	2,563	2,417	119	36
Minnesota	4,648	4,474	97	27	4,319	4,186	61	~
Missouri	6,330	5,659	639	36	6,035	5,413	590	50
Nebraska	1,740	1,666	65	~	1,649	1,583	48	17
North Dakota	750	731	~	~	641	615	~	~
South Dakota	882	847	~	~	708	669	~	~
South	107,939	88,824	18,187	4,733	94,622	77,936	15,779	4,010
South Atlantic	57,513	46,788	10,271	1,922	51,195	41,828	8,880	1,569
Delaware	914	784	124	~	872	730	135	~
District of Columbia	679	159	516	~	648	156	484	~
Florida	21,061	19,076	1,887	1,723	18,027	16,343	1,593	1,387
Georgia	7,287	5,374	1,860	44	6,531	4,865	1,607	42
Maryland	5,269	3,861	1,311	34	5,053	3,742	1,220	31
North Carolina	8,493	6,606	1,806	26	7,572	5,944	1,534	16
South Carolina	4,586	3,304	1,275	~	3,686	2,699	962	~
Virginia	6,824	5,287	1,431	69	6,521	5,148	1,264	67
West Virginia	2,400	2,337	61	~	2,285	2,201	81	~
East South Central	20,246	16,631	3,554	50	17,100	13,942	3,091	59
Alabama	5,251	3,961	1,276	~	4,550	3,460	1,077	~
Kentucky	5,063	4,724	324	20	4,295	3,996	286	26
Mississippi	3,340	2,284	1,046	~	2,618	1,765	838	~
Tennessee	6,592	5,662	908	19	5,637	4,721	890	19
West South Central	30,180	25,405	4,362	~	26,327	22,166	3,808	~
Arkansas	3,333	2,910	408	~	2,758	2,395	355	~

continued

Table E.1.2: All Cancer Sites Combined. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	5,149	3,579	1,538	56	4,368	3,083	1,265	39
Oklahoma	3,917	3,524	223	40	3,494	3,120	213	28
Texas	17,781	15,392	2,193	2,659	15,707	13,568	1,975	2,309
West	53,352	46,702	2,740	4,617	50,429	44,467	2,450	4,313
Mountain	15,332	14,493	396	1,280	13,954	13,182	353	1,104
Arizona	4,735	4,495	105	433	4,407	4,156	104	382
Colorado	3,050	2,887	123	265	3,095	2,936	107	239
Idaho	1,112	1,097	~	17	981	960	~	~
Montana	1,046	994	~	~	910	872	~	~
Nevada	2,069	1,889	116	78	1,745	1,585	111	54
New Mexico	1,564	1,435	33	422	1,336	1,232	24	359
Utah	1,262	1,214	~	45	1,051	1,020	~	32
Wyoming	494	482	~	~	429	421	~	~
Pacific	38,020	32,209	~	~	36,475	31,285	2,097	~
Alaska	374	267	17	~	315	242	~	~
California	27,288	22,867	2,130	3,156	26,635	22,572	1,961	3,065
Hawaii	1,132	325	~	46	892	256	~	37
Oregon	3,648	3,540	45	47	3,409	3,310	27	33
Washington	5,578	5,210	145	84	5,224	4,905	101	70

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.2.1: Cancer of the Oral Cavity and Pharynx. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	3,689	3,131	393	224	1,960	1,689	157	85
New England	971	921	29	30	545	501	22	17
Connecticut	218	205	~	~	130	119	~	~
Maine	119	118	~	~	65	64	~	~
Massachusetts	442	409	17	-	248	224	~	-
New Hampshire	84	84	~	-	38	38	~	-
Rhode Island	59	58	~	~	47	40	~	~
Vermont	49	47	~	~	17	16	~	~
Middle Atlantic	2,718	2,210	364	~	1,415	1,188	135	68
New Jersey	569	458	87	36	299	249	25	~
New York	1,223	940	179	142	669	538	72	51
Pennsylvania	926	812	98	-	447	401	38	-
Midwest								
East North Central	3,111	2,639	357	51	1,480	1,285	140	25
Illinois	866	713	122	-	376	311	52	-
Indiana	440	396	37	~	181	166	~	~
Michigan	697	556	107	~	359	308	38	~
Detroit	331	234	94	-	178	146	30	-
Ohio	706	602	73	~	352	302	29	~
Wisconsin	402	372	18	~	212	198	~	~
West North Central								
Iowa	235	230	~	~	117	116	~	~
Kansas	198	181	~	~	71	66	~	~
Minnesota	348	322	~	~	179	165	~	~
Missouri	395	358	28	~	189	182	~	~
Nebraska	130	122	~	~	70	66	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	47	~	39	~	17	~	~	~
Florida	1,666	1,517	124	-	766	687	66	-
Georgia	547	407	132	~	285	205	79	~
Atlanta	149	101	44	~	86	47	38	~
Maryland								
North Carolina	579	422	146	~	267	210	49	~
South Carolina	338	223	113	-	120	95	25	-
Virginia								
West Virginia	160	157	~	~	44	42	~	~
East South Central								
Alabama	363	288	74	~	184	151	32	~
Kentucky	308	286	~	-	141	128	~	-
Mississippi								
Tennessee								

continued

Table E.2.1: Cancer of the Oral Cavity and Pharynx. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	2,101	1,798	~	174	922	785	106	82
Arkansas	197	173	23	~	97	87	~	~
Louisiana	365	275	86	-	141	106	30	-
Oklahoma	307	275	~	~	127	113	~	~
Texas	1,232	1,075	123	155	557	479	62	77
West	3,930	3,436	162	327	~	1,622	81	154
Mountain	1,076	1,005	20	72	~	~	~	39
Arizona	281	270	~	18	120	114	~	~
Colorado	217	200	~	20	121	112	~	~
Idaho	101	99	~	~	41	41	~	~
Montana	74	69	~	-	28	28	~	-
Nevada	171	151	~	-	68	64	~	-
New Mexico	109	98	~	20	55	51	~	~
Utah	97	92	~	~	55	53	~	~
Wyoming	26	26	~	~	~	~	~	~
Pacific	2,854	2,431	142	255	1,402	~	73	115
Alaska	30	27	~	-	17	~	~	-
California	2,034	1,717	129	239	995	814	64	109
San Francisco-Oakland	265	193	25	~	142	97	~	~
San Jose-Monterey	132	110	~	~	54	46	~	~
Los Angeles	495	387	57	93	266	195	29	49
Hawaii	85	36	~	-	42	17	~	-
Oregon	268	257	~	~	141	128	~	~
Washington	437	394	~	~	207	182	~	~
Seattle-Puget Sound	288	261	~	~	142	126	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.2.2: Cancer of the Oral Cavity and Pharynx. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	~	~	133	53	502	437	53	18
New England	~	~	~	~	134	127	~	~
Connecticut	69	61	~	~	28	26	~	~
Maine	32	31	~	~	~	~	~	~
Massachusetts	113	106	~	~	67	62	~	~
New Hampshire	26	26	~	~	~	~	~	~
Rhode Island	22	20	~	~	~	~	~	~
Vermont	~	~	~	~	~	~	~	~
Middle Atlantic	760	603	118	48	368	310	48	17
New Jersey	167	131	29	~	85	73	~	~
New York	343	253	62	33	168	137	26	~
Pennsylvania	250	219	27	~	115	100	~	~
Midwest	1,093	934	137	~	515	462	42	~
East North Central	790	655	121	~	338	296	37	~
Illinois	222	171	45	~	80	62	~	~
Indiana	90	81	~	~	39	32	~	~
Michigan	179	147	29	~	78	68	~	~
Ohio	205	172	30	~	90	83	~	~
Wisconsin	94	84	~	~	51	51	~	~
West North Central	303	279	16	~	177	166	~	~
Iowa	46	45	~	~	27	27	~	~
Kansas	49	47	~	~	20	19	~	~
Minnesota	72	67	~	~	45	40	~	~
Missouri	84	71	~	~	52	48	~	~
Nebraska	24	23	~	~	~	~	~	~
North Dakota	18	16	~	~	~	~	~	~
South Dakota	~	~	~	~	~	~	~	~
South	2,031	1,552	451	88	977	805	158	31
South Atlantic	1,061	787	259	39	549	450	92	~
Delaware	~	~	~	~	~	~	~	~
District of Columbia	17	~	~	~	~	~	~	~
Florida	395	349	40	34	228	204	21	~
Georgia	129	84	43	~	82	62	19	~
Maryland	101	61	38	~	41	26	~	~
North Carolina	122	81	39	~	77	61	16	~
South Carolina	111	61	50	~	31	24	~	~
Virginia	131	95	33	~	59	45	~	~
West Virginia	43	42	~	~	19	19	~	~
East South Central	397	311	83	~	160	132	28	~
Alabama	88	66	22	~	33	30	~	~
Kentucky	92	83	~	~	38	36	~	~
Mississippi	75	50	24	~	34	21	~	~
Tennessee	142	112	28	~	55	45	~	~
West South Central	573	454	109	48	268	223	38	17
Arkansas	67	54	~	~	22	20	~	~

continued

Table E.2.2: Cancer of the Oral Cavity and Pharynx. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	106	68	37	~	45	34	~	~
Oklahoma	61	52	~	~	35	31	~	~
Texas	339	280	55	45	166	138	24	17
West	1,002	843	60	70	552	482	30	37
Mountain	252	241	~	~	125	120	~	~
Arizona	82	81	~	~	36	36	~	~
Colorado	54	51	~	~	22	22	~	~
Idaho	25	25	~	~	~	~	~	~
Montana	~	~	~	~	~	~	~	~
Nevada	31	28	~	~	18	16	~	~
New Mexico	18	16	~	~	~	~	~	~
Utah	23	22	~	~	~	~	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	~	602	55	55	427	362	28	26
Alaska	~	~	~	~	~	~	~	~
California	532	424	53	49	321	268	26	25
Hawaii	30	~	~	~	~	~	~	~
Oregon	67	65	~	~	47	44	~	~
Washington	107	95	~	~	50	47	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.3.1: Cancer of the Esophagus. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	2,225	1,907	263	103	789	663	113	45
New England	637	596	29	23	209	192	~	~
Connecticut	142	133	~	~	59	52	~	~
Maine	72	71	~	~	~	~	~	~
Massachusetts	298	271	16	-	101	93	~	-
New Hampshire	45	44	~	-	~	~	~	-
Rhode Island	51	48	~	~	21	19	~	~
Vermont	29	29	~	~	~	~	~	~
Middle Atlantic	1,588	1,311	234	~	580	471	98	37
New Jersey	316	248	60	19	126	103	17	~
New York	670	531	110	52	258	202	53	22
Pennsylvania	602	532	64	-	196	166	28	-
Midwest								
East North Central	1,896	1,620	233	32	586	481	91	~
Illinois	492	400	79	-	178	142	30	-
Indiana	215	194	19	~	68	58	~	~
Michigan	445	376	65	~	107	90	17	~
Detroit	163	107	53	-	47	35	~	-
Ohio	472	401	54	~	168	135	27	~
Wisconsin	272	249	16	~	65	56	~	~
West North Central								
Iowa	140	139	~	~	29	28	~	~
Kansas	86	81	~	~	27	27	~	~
Minnesota	158	152	~	~	61	59	~	~
Missouri	200	177	23	~	70	60	~	~
Nebraska	59	57	~	~	18	18	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	40	~	35	~	~	~	~	~
Florida	759	671	82	-	235	196	36	-
Georgia	306	187	117	~	83	44	38	~
Atlanta	67	39	27	~	22	~	~	~
Maryland								
North Carolina	303	241	60	~	88	60	27	~
South Carolina	158	99	58	-	32	18	~	-
Virginia								
West Virginia	80	78	~	~	31	28	~	~
East South Central								
Alabama	172	127	45	~	50	40	~	~
Kentucky	154	138	16	-	45	42	~	-
Mississippi								
Tennessee								

continued

Table E.3.1: Cancer of the Esophagus. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	910	761	125	76	271	215	56	21
Arkansas	70	57	~	~	26	16	~	~
Louisiana	162	110	50	-	42	27	~	-
Oklahoma	117	104	~	~	24	22	~	~
Texas	561	490	56	70	179	150	29	20
West	1,939	1,733	78	149	621	547	35	35
Mountain	570	550	~	30	178	169	~	~
Arizona	173	167	~	~	51	51	~	~
Colorado	141	136	~	~	36	32	~	~
Idaho	36	36	~	~	~	~	~	~
Montana	32	31	~	-	17	~	~	-
Nevada	81	76	~	-	30	28	~	-
New Mexico	45	44	~	~	~	~	~	~
Utah	43	43	~	~	~	~	~	~
Wyoming	19	17	~	~	~	~	~	~
Pacific	1,369	1,183	69	119	443	378	32	23
Alaska	19	~	~	-	~	~	~	-
California	933	808	65	113	307	251	30	20
San Francisco-Oakland	123	97	~	~	48	36	~	~
San Jose-Monterey	64	56	~	~	21	18	~	~
Los Angeles	219	176	28	42	79	52	16	~
Hawaii	42	~	~	-	~	~	~	-
Oregon	152	148	~	~	53	52	~	~
Washington	223	205	~	~	70	66	~	~
Seattle-Puget Sound	160	147	~	~	48	44	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.3.2: Cancer of the Esophagus. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	2,024	1,779	220	64	655	556	93	20
New England	562	538	18	~	183	170	~	~
Connecticut	143	129	~	~	54	46	~	~
Maine	54	54	~	~	~	~	~	~
Massachusetts	255	245	~	~	71	66	~	~
New Hampshire	47	47	~	~	~	~	~	~
Rhode Island	42	42	~	~	18	18	~	~
Vermont	21	21	~	~	~	~	~	~
Middle Atlantic	1,462	1,241	202	52	472	386	81	16
New Jersey	298	246	46	~	92	69	19	~
New York	653	545	97	38	204	167	36	~
Pennsylvania	511	450	59	~	176	150	26	~
Midwest	2,411	2,157	240	24	713	621	88	~
East North Central	1,785	1,576	~	22	506	422	82	~
Illinois	452	368	79	~	137	98	38	~
Indiana	238	218	18	~	64	58	~	~
Michigan	380	332	47	~	100	84	~	~
Ohio	465	421	43	~	146	126	20	~
Wisconsin	250	237	~	~	59	56	~	~
West North Central	626	581	41	~	207	199	~	~
Iowa	113	112	~	~	35	35	~	~
Kansas	91	86	~	~	27	27	~	~
Minnesota	141	137	~	~	52	51	~	~
Missouri	175	145	30	~	54	48	~	~
Nebraska	53	50	~	~	21	21	~	~
North Dakota	25	24	~	~	~	~	~	~
South Dakota	28	27	~	~	~	~	~	~
South	3,371	2,655	692	123	1,013	762	245	29
South Atlantic	1,938	1,475	451	43	580	430	146	~
Delaware	35	27	~	~	~	~	~	~
District of Columbia	37	~	33	~	~	~	~	~
Florida	704	627	76	40	213	186	26	~
Georgia	254	165	88	~	63	34	29	~
Maryland	205	140	59	~	60	45	~	~
North Carolina	231	172	59	~	93	67	24	~
South Carolina	168	90	78	~	42	30	~	~
Virginia	231	178	50	~	71	40	31	~
West Virginia	73	72	~	~	22	22	~	~
East South Central	576	448	128	~	157	113	44	~
Alabama	147	98	49	~	52	35	17	~
Kentucky	162	148	~	~	38	33	~	~
Mississippi	87	50	37	~	23	~	~	~
Tennessee	180	152	28	~	44	30	~	~
West South Central	857	732	113	80	276	219	55	17
Arkansas	80	69	~	~	34	23	~	~

continued

Table E.3.2: Cancer of the Esophagus. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	143	97	45	~	42	25	17	~
Oklahoma	112	98	~	~	29	26	~	~
Texas	522	468	51	78	171	145	24	16
West	~	1,613	79	105	542	480	31	28
Mountain	512	484	~	19	138	130	~	~
Arizona	157	149	~	~	51	50	~	~
Colorado	108	104	~	~	28	25	~	~
Idaho	39	37	~	~	~	~	~	~
Montana	36	36	~	~	~	~	~	~
Nevada	59	49	~	~	19	19	~	~
New Mexico	46	43	~	~	~	~	~	~
Utah	46	45	~	~	~	~	~	~
Wyoming	21	21	~	~	~	~	~	~
Pacific	~	1,129	65	86	404	350	30	20
Alaska	~	~	~	~	~	~	~	~
California	884	771	55	84	292	250	27	19
Hawaii	32	~	~	~	~	~	~	~
Oregon	160	160	~	~	42	40	~	~
Washington	199	184	~	~	64	55	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.4.1: Cancer of the Stomach. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	2,991	2,466	319	235	2,000	1,589	294	153
New England	766	691	38	33	475	437	23	22
Connecticut	209	181	21	~	126	114	~	~
Maine	62	62	~	~	36	36	~	~
Massachusetts	344	304	~	-	218	197	~	-
New Hampshire	54	51	~	-	23	22	~	-
Rhode Island	66	63	~	~	56	52	~	~
Vermont	31	30	~	~	16	16	~	~
Middle Atlantic	2,225	1,775	281	~	1,525	1,152	271	~
New Jersey	502	390	72	55	306	225	59	23
New York	1,080	830	147	131	781	548	162	102
Pennsylvania	643	555	62	-	438	379	50	-
Midwest								
East North Central	1,837	1,508	~	71	1,140	896	~	47
Illinois	531	404	97	-	379	282	76	-
Indiana	211	194	17	~	119	100	19	~
Michigan	398	319	70	~	255	196	54	~
Detroit	188	135	48	-	136	92	43	-
Ohio	439	347	73	~	264	208	38	~
Wisconsin	258	244	~	~	123	110	~	~
West North Central								
Iowa	109	106	~	~	62	59	~	~
Kansas	99	85	~	~	57	49	~	~
Minnesota	188	172	~	~	111	99	~	~
Missouri	209	184	20	~	134	103	25	~
Nebraska	66	63	~	~	43	39	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	32	~	22	~	26	~	22	~
Florida	902	762	127	-	544	449	82	-
Georgia	255	147	103	~	174	89	81	~
Atlanta	69	25	40	~	52	20	29	~
Maryland								
North Carolina	278	185	84	~	195	130	57	~
South Carolina	167	101	61	-	114	66	47	-
Virginia								
West Virginia	79	78	~	~	52	51	~	~
East South Central								
Alabama	186	113	72	~	134	97	36	~
Kentucky	170	150	20	-	75	65	~	-
Mississippi								
Tennessee								

continued

Table E.4.1: Cancer of the Stomach. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	1,164	881	~	237	738	540	~	162
Arkansas	98	77	21	~	79	56	20	~
Louisiana	200	117	83	-	129	72	55	-
Oklahoma	132	103	~	~	74	56	~	~
Texas	734	584	120	227	456	356	82	152
West	~	2,006	139	462	1,580	1,145	98	353
Mountain	~	~	16	112	~	~	~	66
Arizona	184	167	~	31	102	86	~	19
Colorado	125	114	~	20	84	77	~	26
Idaho	39	37	~	~	21	21	~	~
Montana	39	38	~	-	30	28	~	-
Nevada	84	72	~	-	43	37	~	-
New Mexico	83	73	~	41	33	27	~	~
Utah	53	48	~	~	29	29	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	1,959	~	123	350	~	828	85	287
Alaska	24	16	~	-	~	~	~	-
California	1,485	1,113	113	340	934	649	82	275
San Francisco-Oakland	214	128	27	29	123	64	21	20
San Jose-Monterey	91	63	~	~	58	34	~	16
Los Angeles	458	318	44	135	342	217	44	126
Hawaii	99	~	~	-	95	~	~	-
Oregon	115	102	~	~	62	56	~	~
Washington	236	200	~	~	125	103	~	~
Seattle-Puget Sound	167	138	~	~	87	68	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.4.2: Cancer of the Stomach. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	1,629	1,367	192	85	~	~	156	66
New England	441	413	22	~	~	~	16	~
Connecticut	121	112	~	~	78	72	~	~
Maine	42	40	~	~	24	24	~	~
Massachusetts	192	179	~	~	150	136	~	~
New Hampshire	26	25	~	~	17	17	~	~
Rhode Island	42	39	~	~	42	38	~	~
Vermont	18	18	~	~	~	~	~	~
Middle Atlantic	1,188	954	170	79	906	729	140	59
New Jersey	265	209	43	~	186	140	31	~
New York	577	439	93	54	456	360	76	45
Pennsylvania	346	306	34	~	264	229	33	~
Midwest	1,477	1,256	190	46	1,057	871	149	37
East North Central	1,059	871	165	37	791	634	135	32
Illinois	333	255	67	19	266	198	54	18
Indiana	129	116	~	~	84	74	~	~
Michigan	216	175	39	~	174	137	33	~
Ohio	253	210	38	~	176	139	36	~
Wisconsin	128	115	~	~	91	86	~	~
West North Central	418	385	25	~	266	237	~	~
Iowa	64	61	~	~	33	31	~	~
Kansas	63	56	~	~	37	36	~	~
Minnesota	107	101	~	~	79	71	~	~
Missouri	109	95	~	~	80	65	~	~
Nebraska	33	33	~	~	23	21	~	~
North Dakota	23	22	~	~	~	~	~	~
South Dakota	19	17	~	~	~	~	~	~
South	2,531	1,760	709	245	1,794	1,233	518	161
South Atlantic	1,395	949	414	77	986	664	296	48
Delaware	26	24	~	~	~	~	~	~
District of Columbia	21	~	19	~	19	~	18	~
Florida	561	453	99	65	335	280	52	37
Georgia	161	90	66	~	119	66	50	~
Maryland	119	66	48	~	117	62	44	~
North Carolina	172	105	62	~	160	99	57	~
South Carolina	104	51	53	~	82	46	35	~
Virginia	188	118	62	~	118	77	37	~
West Virginia	43	40	~	~	29	27	~	~
East South Central	387	264	121	~	294	201	88	~
Alabama	106	63	43	~	86	50	36	~
Kentucky	88	79	~	~	58	54	~	~
Mississippi	76	36	40	~	55	26	27	~
Tennessee	117	86	30	~	95	71	21	~
West South Central	749	547	174	164	514	368	134	113
Arkansas	54	40	~	~	51	37	~	~

continued

Table E.4.2: Cancer of the Stomach. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	130	64	64	∼	81	39	42	∼
Oklahoma	67	51	∼	∼	49	39	∼	∼
Texas	498	392	88	162	333	253	73	108
West	1,554	1,185	95	304	1,050	803	58	245
Mountain	349	311	∼	64	234	209	∼	55
Arizona	122	108	∼	20	70	58	∼	∼
Colorado	73	68	∼	∼	52	47	∼	17
Idaho	∼	∼	∼	∼	17	∼	∼	∼
Montana	25	22	∼	∼	∼	∼	∼	∼
Nevada	41	33	∼	∼	22	19	∼	∼
New Mexico	40	35	∼	21	32	29	∼	21
Utah	27	25	∼	∼	20	20	∼	∼
Wyoming	∼	∼	∼	∼	∼	∼	∼	∼
Pacific	∼	874	90	240	∼	594	51	190
Alaska	∼	∼	∼	∼	∼	∼	∼	∼
California	943	693	83	233	640	475	48	183
Hawaii	58	∼	∼	∼	39	∼	∼	∼
Oregon	58	52	∼	∼	40	36	∼	∼
Washington	131	108	∼	∼	94	78	∼	∼

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
∼ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.5.1: Cancer of the Colon and Rectum. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	17,047	15,201	1,259	710	17,695	15,701	1,499	692
New England	4,369	4,159	113	106	4,464	4,237	137	97
Connecticut	1,049	981	48	43	1,096	1,010	73	34
Maine	399	397	~	~	397	395	~	~
Massachusetts	2,035	1,917	57	-	2,117	2,002	56	-
New Hampshire	347	336	~	-	346	332	~	-
Rhode Island	360	349	~	~	354	344	~	~
Vermont	179	179	~	~	154	154	~	~
Middle Atlantic	12,678	11,042	1,146	~	13,231	11,464	1,362	~
New Jersey	2,671	2,297	270	152	2,805	2,431	307	148
New York	5,556	4,650	583	387	5,792	4,793	723	397
Pennsylvania	4,451	4,095	293	-	4,634	4,240	332	-
Midwest								
East North Central	12,616	11,108	1,201	~	12,663	11,063	1,332	163
Illinois	3,472	2,952	412	-	3,473	2,885	491	-
Indiana	1,744	1,600	126	20	1,733	1,598	123	~
Michigan	2,580	2,211	309	33	2,647	2,237	354	29
Detroit	1,119	848	252	-	1,188	880	295	-
Ohio	3,240	2,829	307	22	3,307	2,927	305	~
Wisconsin	1,580	1,516	47	21	1,503	1,416	59	~
West North Central								
Iowa	1,009	987	~	~	1,066	1,055	~	~
Kansas	778	735	28	~	700	656	29	16
Minnesota	1,271	1,214	19	~	1,242	1,189	~	~
Missouri	1,718	1,575	130	17	1,698	1,514	167	~
Nebraska	507	485	~	~	522	500	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	149	37	105	~	172	46	121	~
Florida	5,645	5,112	447	-	5,498	4,881	497	-
Georgia	1,781	1,334	425	20	1,665	1,185	458	23
Atlanta	508	325	171	~	492	305	174	~
Maryland								
North Carolina	1,882	1,546	312	~	1,904	1,486	385	16
South Carolina	1,064	792	263	-	1,024	743	274	-
Virginia								
West Virginia	632	619	~	~	658	633	23	~
East South Central								
Alabama	1,195	983	205	~	1,089	825	250	~
Kentucky	1,323	1,230	75	-	1,248	1,155	87	-
Mississippi								
Tennessee								

continued

Table E.5.1: Cancer of the Colon and Rectum. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	7,238	6,116	934	765	6,684	5,500	1,040	593
Arkansas	694	611	73	~	745	626	113	~
Louisiana	1,281	928	342	-	1,199	836	357	-
Oklahoma	968	873	54	~	918	830	49	~
Texas	4,295	3,704	465	726	3,822	3,208	521	551
West	13,967	12,013	569	1,393	12,985	11,056	632	1,122
Mountain	3,947	3,733	82	413	3,640	3,426	89	309
Arizona	1,235	1,180	29	117	1,126	1,061	34	85
Colorado	853	797	16	105	824	763	26	83
Idaho	273	269	~	~	278	272	~	~
Montana	281	269	~	-	229	217	~	-
Nevada	495	452	25	-	446	402	22	-
New Mexico	374	351	~	130	332	311	~	95
Utah	328	313	~	21	291	286	~	~
Wyoming	108	102	~	~	114	114	~	~
Pacific	10,020	8,280	487	980	9,345	7,630	543	813
Alaska	123	89	~	-	104	61	~	-
California	7,163	5,913	443	932	6,752	5,500	493	774
San Francisco-Oakland	935	654	81	89	926	632	94	74
San Jose-Monterey	457	370	~	63	429	353	~	46
Los Angeles	1,929	1,431	198	332	1,902	1,393	245	291
Hawaii	375	96	~	-	306	81	~	-
Oregon	896	834	~	~	829	769	17	~
Washington	1,463	1,348	30	31	1,354	1,219	25	29
Seattle-Puget Sound	980	894	26	~	902	805	22	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.5.2: Cancer of the Colon and Rectum. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	6,009	5,417	516	193	6,631	5,890	665	185
New England	1,492	1,444	37	19	1,657	1,576	62	16
Connecticut	327	309	~	~	398	368	29	~
Maine	157	155	~	~	156	154	~	~
Massachusetts	712	686	21	~	754	712	27	~
New Hampshire	133	132	~	~	133	131	~	~
Rhode Island	105	104	~	~	146	141	~	~
Vermont	58	58	~	~	70	70	~	~
Middle Atlantic	4,517	3,973	479	~	4,974	4,314	603	~
New Jersey	947	827	110	36	1,068	939	119	50
New York	1,946	1,657	238	126	2,156	1,810	309	106
Pennsylvania	1,624	1,489	131	~	1,750	1,565	175	~
Midwest	6,877	6,185	641	69	7,072	6,335	681	57
East North Central	4,832	4,264	531	60	4,917	4,306	~	43
Illinois	1,352	1,137	189	33	1,370	1,143	210	28
Indiana	682	620	60	~	682	625	55	~
Michigan	931	816	111	~	963	821	134	~
Ohio	1,285	1,130	152	~	1,356	1,189	162	~
Wisconsin	582	561	19	~	546	528	~	~
West North Central	2,045	1,921	110	~	2,155	2,029	106	~
Iowa	348	341	~	~	392	388	~	~
Kansas	289	268	17	~	292	278	~	~
Minnesota	414	401	~	~	458	446	~	~
Missouri	647	577	68	~	646	561	81	~
Nebraska	167	159	~	~	212	208	~	~
North Dakota	78	78	~	~	78	75	~	~
South Dakota	102	97	~	~	77	73	~	~
South	10,135	8,237	1,797	487	9,915	7,817	2,004	447
South Atlantic	5,403	4,360	985	204	5,407	4,213	1,144	212
Delaware	79	66	~	~	84	70	~	~
District of Columbia	67	18	47	~	82	~	66	~
Florida	1,998	1,787	196	185	1,853	1,661	184	197
Georgia	637	455	172	~	707	467	237	~
Maryland	533	389	131	~	565	399	153	~
North Carolina	742	579	154	~	791	578	205	~
South Carolina	426	308	118	~	390	266	123	~
Virginia	672	520	144	~	676	512	149	~
West Virginia	249	238	~	~	259	246	~	~
East South Central	1,821	1,442	371	~	1,814	1,404	406	~
Alabama	432	313	118	~	441	313	128	~
Kentucky	439	409	28	~	473	428	44	~
Mississippi	309	197	110	~	293	174	118	~
Tennessee	641	523	115	~	607	489	116	~
West South Central	2,911	2,435	441	278	2,694	2,200	454	228
Arkansas	319	280	39	~	322	271	51	~

continued

Table E.5.2: Cancer of the Colon and Rectum. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	514	357	152	~	442	299	141	~
Oklahoma	364	316	34	~	368	321	28	~
Texas	1,714	1,482	216	268	1,562	1,309	234	220
West	5,208	4,503	293	439	4,961	4,293	299	364
Mountain	1,506	1,419	51	148	1,384	1,311	38	115
Arizona	441	417	~	43	446	428	~	34
Colorado	309	292	~	26	312	293	~	22
Idaho	106	105	~	~	82	81	~	~
Montana	105	98	~	~	78	71	~	~
Nevada	217	199	~	~	171	151	~	~
New Mexico	165	153	~	57	142	136	~	46
Utah	112	105	~	~	103	101	~	~
Wyoming	51	50	~	~	50	50	~	~
Pacific	3,702	3,084	242	291	3,577	2,982	261	249
Alaska	46	30	~	~	32	23	~	~
California	2,626	2,169	227	274	2,628	2,172	240	236
Hawaii	127	29	~	~	88	17	~	~
Oregon	373	359	~	~	321	304	~	~
Washington	530	497	~	~	508	466	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.6.1: Cancer of the Liver and Intrahepatic Bile Duct. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	2,127	1,636	287	227	908	743	104	93
New England	495	415	38	34	192	166	~	~
Connecticut	115	93	18	~	49	40	~	~
Maine	36	36	~	~	~	~	~	~
Massachusetts	252	201	18	-	88	75	~	-
New Hampshire	26	22	~	-	16	~	~	-
Rhode Island	44	41	~	~	20	19	~	~
Vermont	22	22	~	~	~	~	~	~
Middle Atlantic	1,632	1,221	249	~	716	577	91	~
New Jersey	361	277	57	44	156	129	18	21
New York	850	607	135	132	349	270	47	50
Pennsylvania	421	337	57	-	211	178	26	-
Midwest								
East North Central	1,366	1,060	~	59	672	565	72	29
Illinois	392	294	67	-	202	157	33	-
Indiana	167	137	24	~	87	75	~	~
Michigan	317	232	70	~	142	119	~	~
Detroit	161	92	62	-	68	49	16	-
Ohio	322	253	57	~	149	131	~	~
Wisconsin	168	144	~	~	92	83	~	~
West North Central								
Iowa	55	51	~	~	39	38	~	~
Kansas	58	52	~	~	37	33	~	~
Minnesota	117	89	~	~	48	45	~	~
Missouri	169	140	27	~	60	48	~	~
Nebraska	44	42	~	~	16	~	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	21	~	~	~	~	~	~	~
Florida	689	585	79	-	274	237	28	-
Georgia	171	122	38	~	81	51	24	~
Atlanta	53	28	~	~	26	~	~	~
Maryland								
North Carolina	200	145	49	~	98	77	17	~
South Carolina	118	95	18	-	39	24	~	-
Virginia								
West Virginia	51	48	~	~	28	27	~	~
East South Central								
Alabama	118	93	23	~	64	47	~	~
Kentucky	96	87	~	-	47	45	~	-
Mississippi								
Tennessee								

continued

Table E.6.1: Cancer of the Liver and Intrahepatic Bile Duct. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	1,144	902	164	272	502	411	65	134
Arkansas	59	43	~	~	24	18	~	~
Louisiana	179	125	46	-	75	54	21	-
Oklahoma	92	67	~	~	43	38	~	~
Texas	814	667	93	268	360	301	39	125
West	~	1,507	136	442	981	699	47	182
Mountain	~	~	16	103	241	207	~	38
Arizona	153	140	~	36	78	67	~	16
Colorado	110	95	~	27	53	48	~	~
Idaho	27	25	~	~	~	~	~	~
Montana	21	18	~	-	~	~	~	-
Nevada	57	44	~	-	30	21	~	-
New Mexico	64	57	~	29	37	32	~	~
Utah	33	30	~	~	~	~	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	1,711	~	120	339	~	492	40	144
Alaska	19	~	~	-	~	~	~	-
California	1,341	858	109	325	547	360	39	134
San Francisco-Oakland	214	92	28	20	70	35	~	~
San Jose-Monterey	104	57	~	23	48	29	~	~
Los Angeles	402	237	42	113	196	120	21	67
Hawaii	90	20	~	-	37	~	~	-
Oregon	76	65	~	~	48	46	~	~
Washington	185	144	~	~	94	75	~	~
Seattle-Puget Sound	143	107	~	~	71	53	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.6.2: Cancer of the Liver and Intrahepatic Bile Duct. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	1,676	1,385	201	129	~	~	114	66
New England	436	399	21	20	~	~	~	~
Connecticut	96	88	~	~	71	64	~	~
Maine	27	25	~	~	24	22	~	~
Massachusetts	233	208	~	~	117	109	~	~
New Hampshire	39	38	~	~	21	20	~	~
Rhode Island	23	23	~	~	24	23	~	~
Vermont	18	17	~	~	~	~	~	~
Middle Atlantic	1,240	986	180	~	720	581	106	55
New Jersey	273	217	44	23	164	127	26	~
New York	599	457	87	75	327	251	59	39
Pennsylvania	368	312	49	~	229	203	21	~
Midwest	1,741	1,447	222	55	1,044	900	127	27
East North Central	1,239	1,010	178	48	740	622	106	21
Illinois	343	259	61	21	222	169	52	~
Indiana	159	144	~	~	91	84	~	~
Michigan	276	211	56	~	175	149	21	~
Ohio	299	250	40	~	175	146	25	~
Wisconsin	162	146	~	~	77	74	~	~
West North Central	502	437	44	~	304	278	21	~
Iowa	69	63	~	~	42	41	~	~
Kansas	71	64	~	~	44	40	~	~
Minnesota	124	109	~	~	72	69	~	~
Missouri	164	133	29	~	101	85	~	~
Nebraska	31	30	~	~	23	22	~	~
North Dakota	18	16	~	~	~	~	~	~
South Dakota	25	22	~	~	~	~	~	~
South	3,163	2,543	515	305	1,753	1,396	310	176
South Atlantic	1,560	1,253	257	87	839	646	169	52
Delaware	21	21	~	~	~	~	~	~
District of Columbia	19	~	~	~	~	~	~	~
Florida	645	566	64	79	335	290	44	47
Georgia	157	116	34	~	116	87	26	~
Maryland	148	93	51	~	84	54	27	~
North Carolina	214	167	41	~	113	78	29	~
South Carolina	122	100	21	~	56	41	~	~
Virginia	186	139	32	~	86	57	21	~
West Virginia	48	45	~	~	33	31	~	~
East South Central	525	414	99	~	336	271	61	~
Alabama	143	108	34	~	81	61	18	~
Kentucky	98	92	~	~	79	75	~	~
Mississippi	117	81	32	~	62	41	21	~
Tennessee	167	133	29	~	114	94	18	~
West South Central	1,078	876	159	216	578	479	80	121
Arkansas	89	77	~	~	66	55	~	~

continued

Table E.6.2: Cancer of the Liver and Intrahepatic Bile Duct. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	169	112	52	~	91	66	24	~
Oklahoma	78	61	~	~	58	49	~	~
Texas	742	626	86	210	363	309	45	118
West	1,903	1,399	110	323	1,089	803	71	175
Mountain	~	~	~	81	269	234	~	40
Arizona	143	127	~	21	80	69	~	17
Colorado	84	77	~	20	69	62	~	~
Idaho	24	23	~	~	~	~	~	~
Montana	22	20	~	~	~	~	~	~
Nevada	55	51	~	~	33	27	~	~
New Mexico	69	58	~	26	28	24	~	~
Utah	37	33	~	~	19	17	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	~	1,000	101	242	~	569	63	135
Alaska	~	~	~	~	~	~	~	~
California	1,121	753	93	222	639	439	61	129
Hawaii	59	~	~	~	33	~	~	~
Oregon	77	72	~	~	49	45	~	~
Washington	186	155	~	~	88	76	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.7.1: Cancer of the Pancreas. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	3,147	2,801	278	125	3,628	3,140	402	160
New England	771	725	35	19	855	806	36	29
Connecticut	193	180	~	~	210	192	~	~
Maine	89	89	~	~	71	71	~	~
Massachusetts	345	314	22	-	416	389	19	-
New Hampshire	51	50	~	-	58	57	~	-
Rhode Island	59	58	~	~	77	74	~	~
Vermont	34	34	~	~	23	23	~	~
Middle Atlantic	2,376	2,076	243	~	2,773	2,334	366	~
New Jersey	516	460	44	31	531	455	59	29
New York	1,092	913	142	68	1,364	1,109	217	92
Pennsylvania	768	703	57	-	878	770	90	-
Midwest								
East North Central	2,486	2,204	~	45	2,575	2,225	~	47
Illinois	709	592	104	-	738	603	114	-
Indiana	325	301	20	~	310	274	32	~
Michigan	543	477	58	~	568	482	82	~
Detroit	244	194	45	-	282	211	70	-
Ohio	584	521	57	~	625	543	74	~
Wisconsin	325	313	~	~	334	323	~	~
West North Central								
Iowa	184	178	~	~	178	171	~	~
Kansas	120	107	~	~	119	112	~	~
Minnesota	205	197	~	~	208	197	~	~
Missouri	331	296	33	~	299	260	37	~
Nebraska	74	72	~	~	77	73	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	36	~	31	~	42	~	32	~
Florida	1,179	1,071	95	-	1,124	1,004	103	-
Georgia	351	245	103	~	359	258	98	~
Atlanta	91	54	34	~	93	62	29	~
Maryland								
North Carolina	401	327	68	~	442	331	108	~
South Carolina	219	172	46	-	216	141	74	-
Virginia								
West Virginia	113	109	~	~	97	91	~	~
East South Central								
Alabama	227	180	47	~	268	202	64	~
Kentucky	204	187	~	-	206	192	~	-
Mississippi								
Tennessee								

continued

Table E.7.1: Cancer of the Pancreas. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	1,479	1,249	~	178	1,442	1,184	~	158
Arkansas	135	115	19	~	120	97	22	~
Louisiana	240	173	65	-	254	161	92	-
Oklahoma	195	176	~	~	176	159	~	~
Texas	909	785	102	171	892	767	110	152
West	2,994	~	140	311	2,861	2,435	154	308
Mountain	843	799	21	83	802	758	19	86
Arizona	262	249	~	26	245	228	~	28
Colorado	177	169	~	20	195	185	~	18
Idaho	61	58	~	~	59	58	~	~
Montana	40	39	~	-	55	53	~	-
Nevada	126	112	~	-	83	74	~	-
New Mexico	78	75	~	23	68	63	~	23
Utah	68	66	~	~	67	67	~	~
Wyoming	31	31	~	~	30	30	~	~
Pacific	2,151	~	119	228	2,059	1,677	135	222
Alaska	17	~	~	-	24	19	~	-
California	1,521	1,299	107	213	1,432	1,159	125	211
San Francisco-Oakland	196	148	17	16	175	108	28	17
San Jose-Monterey	74	65	~	~	81	64	~	~
Los Angeles	392	311	49	69	393	291	60	84
Hawaii	79	22	~	-	81	17	~	-
Oregon	191	184	~	~	181	174	~	~
Washington	343	313	~	~	341	308	~	~
Seattle-Puget Sound	235	212	~	~	223	195	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.7.2: Cancer of the Pancreas. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	2,939	2,637	259	88	3,500	3,076	371	108
New England	751	705	38	~	892	846	38	~
Connecticut	184	169	~	~	212	193	18	~
Maine	87	84	~	~	72	71	~	~
Massachusetts	342	318	18	~	419	396	16	~
New Hampshire	56	56	~	~	81	81	~	~
Rhode Island	59	55	~	~	86	83	~	~
Vermont	23	23	~	~	22	22	~	~
Middle Atlantic	2,188	1,932	221	~	2,608	2,230	333	95
New Jersey	462	406	47	20	553	474	68	~
New York	979	846	109	53	1,228	1,016	183	67
Pennsylvania	747	680	65	~	827	740	82	~
Midwest	3,390	3,084	281	31	3,603	3,229	355	30
East North Central	2,353	2,111	~	21	2,554	2,233	~	24
Illinois	649	558	85	~	728	608	113	18
Indiana	323	304	18	~	322	291	30	~
Michigan	510	453	50	~	537	455	82	~
Ohio	583	519	63	~	630	551	77	~
Wisconsin	288	277	~	~	337	328	~	~
West North Central	1,037	973	55	~	1,049	996	45	~
Iowa	162	156	~	~	184	178	~	~
Kansas	147	134	~	~	136	128	~	~
Minnesota	240	231	~	~	245	240	~	~
Missouri	310	277	31	~	308	279	29	~
Nebraska	89	86	~	~	85	81	~	~
North Dakota	43	43	~	~	40	40	~	~
South Dakota	46	46	~	~	51	50	~	~
South	5,219	4,327	845	274	5,279	4,238	996	260
South Atlantic	2,879	2,384	470	113	2,891	2,302	563	98
Delaware	51	44	~	~	58	45	~	~
District of Columbia	31	~	24	~	39	~	32	~
Florida	1,105	1,012	87	95	1,083	983	95	94
Georgia	351	245	103	~	346	241	101	~
Maryland	266	206	57	~	293	209	77	~
North Carolina	420	345	73	~	436	330	104	~
South Carolina	226	175	50	~	222	153	67	~
Virginia	326	248	68	~	334	260	69	~
West Virginia	103	102	~	~	80	75	~	~
East South Central	845	679	164	~	973	762	205	~
Alabama	247	181	66	~	271	192	78	~
Kentucky	190	176	~	~	207	191	~	~
Mississippi	146	93	53	~	153	101	52	~
Tennessee	262	229	33	~	342	278	62	~
West South Central	1,495	1,264	~	161	1,415	1,174	~	157
Arkansas	141	124	16	~	149	124	25	~

continued

Table E.7.2: Cancer of the Pancreas. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	242	172	68	~	238	160	76	~
Oklahoma	196	183	~	~	166	150	~	~
Texas	916	785	119	158	862	740	117	151
West	2,918	~	138	250	2,954	2,585	149	295
Mountain	794	759	17	61	819	770	22	87
Arizona	267	258	~	20	266	247	~	27
Colorado	162	155	~	~	187	174	~	20
Idaho	61	59	~	~	61	59	~	~
Montana	39	38	~	~	61	60	~	~
Nevada	91	83	~	~	92	83	~	~
New Mexico	76	73	~	19	73	68	~	28
Utah	68	63	~	~	57	57	~	~
Wyoming	30	30	~	~	22	22	~	~
Pacific	2,124	~	121	189	2,135	1,815	127	208
Alaska	17	~	~	~	23	19	~	~
California	1,513	1,304	106	182	1,530	1,288	121	198
Hawaii	69	17	~	~	66	19	~	~
Oregon	195	190	~	~	198	194	~	~
Washington	330	310	~	~	318	295	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.8.1: Cancer of the Larynx. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	1,917	1,633	230	104	519	462	46	24
New England	461	427	23	~	132	126	~	~
Connecticut	120	105	~	~	29	27	~	~
Maine	46	46	~	~	16	~	~	~
Massachusetts	196	181	~	-	60	58	~	-
New Hampshire	43	42	~	-	~	~	~	-
Rhode Island	37	34	~	~	~	~	~	~
Vermont	19	19	~	~	~	~	~	~
Middle Atlantic	1,456	1,206	207	~	387	336	42	21
New Jersey	320	256	54	23	77	73	~	~
New York	635	511	96	65	189	155	26	16
Pennsylvania	501	439	57	-	121	108	~	-
Midwest								
East North Central	1,575	1,320	~	20	411	342	62	~
Illinois	437	345	82	-	111	83	26	-
Indiana	208	188	18	~	73	66	~	~
Michigan	342	272	64	~	80	63	16	~
Detroit	155	103	49	-	35	21	~	-
Ohio	404	339	60	~	100	85	~	~
Wisconsin	184	176	~	~	47	45	~	~
West North Central								
Iowa	96	94	~	~	20	20	~	~
Kansas	81	72	~	~	32	27	~	~
Minnesota	125	112	~	~	31	30	~	~
Missouri	194	171	20	~	51	43	~	~
Nebraska	53	52	~	~	~	~	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	29	~	24	~	~	~	~	~
Florida	836	740	78	-	201	187	~	-
Georgia	311	226	85	~	51	40	~	~
Atlanta	71	39	32	~	~	~	~	~
Maryland								
North Carolina	309	229	76	~	73	59	~	~
South Carolina	190	133	56	-	37	31	~	-
Virginia								
West Virginia	96	95	~	~	23	23	~	~
East South Central								
Alabama	191	137	51	~	44	26	17	~
Kentucky	200	179	19	-	75	71	~	-
Mississippi								
Tennessee								

continued

Table E.8.1: Cancer of the Larynx. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	1,076	858	205	114	229	192	36	~
Arkansas	111	97	~	~	24	20	~	~
Louisiana	205	130	75	-	55	45	~	-
Oklahoma	133	119	~	~	30	27	~	~
Texas	627	512	105	109	120	100	19	~
West	1,466	1,286	91	149	369	336	20	30
Mountain	~	~	~	37	119	116	~	~
Arizona	162	154	~	~	36	35	~	~
Colorado	85	79	~	~	27	26	~	~
Idaho	34	33	~	~	~	~	~	~
Montana	34	30	~	-	~	~	~	-
Nevada	43	39	~	-	~	~	~	-
New Mexico	41	41	~	~	16	16	~	~
Utah	25	25	~	~	~	~	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	~	~	81	112	250	220	18	18
Alaska	~	~	~	-	~	~	~	-
California	736	609	77	108	182	157	18	~
San Francisco-Oakland	95	63	19	~	19	~	~	~
San Jose-Monterey	39	33	~	~	~	~	~	~
Los Angeles	196	144	42	49	52	40	~	~
Hawaii	38	21	~	-	~	~	~	-
Oregon	85	81	~	~	21	21	~	~
Washington	165	156	~	~	36	36	~	~
Seattle-Puget Sound	103	98	~	~	24	24	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
\- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.8.2: Cancer of the Larynx. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	609	508	89	30	157	130	26	~
New England	156	142	~	~	40	34	~	~
Connecticut	30	24	~	~	~	~	~	~
Maine	~	~	~	~	~	~	~	~
Massachusetts	82	77	~	~	19	~	~	~
New Hampshire	~	~	~	~	~	~	~	~
Rhode Island	~	~	~	~	~	~	~	~
Vermont	~	~	~	~	~	~	~	~
Middle Atlantic	453	366	76	27	117	96	21	~
New Jersey	96	68	24	~	32	31	~	~
New York	202	163	36	~	45	36	~	~
Pennsylvania	155	135	16	~	40	29	~	~
Midwest	700	587	109	~	177	151	23	~
East North Central	503	403	96	~	~	~	19	~
Illinois	136	95	40	~	32	25	~	~
Indiana	68	57	~	~	~	~	~	~
Michigan	109	82	26	~	37	31	~	~
Ohio	134	115	18	~	40	34	~	~
Wisconsin	56	54	~	~	19	18	~	~
West North Central	197	184	~	~	37	32	~	~
Iowa	37	36	~	~	~	~	~	~
Kansas	26	23	~	~	~	~	~	~
Minnesota	46	45	~	~	~	~	~	~
Missouri	63	56	~	~	~	~	~	~
Nebraska	~	~	~	~	~	~	~	~
North Dakota	~	~	~	~	~	~	~	~
South Dakota	~	~	~	~	~	~	~	~
South	1,201	890	304	53	297	227	69	~
South Atlantic	659	459	196	22	170	133	36	~
Delaware	~	~	~	~	~	~	~	~
District of Columbia	18	~	17	~	~	~	~	~
Florida	229	196	31	19	65	59	~	~
Georgia	103	59	44	~	19	~	~	~
Maryland	70	37	32	~	~	~	~	~
North Carolina	94	57	36	~	17	~	~	~
South Carolina	45	27	18	~	~	~	~	~
Virginia	61	44	17	~	25	18	~	~
West Virginia	28	27	~	~	~	~	~	~
East South Central	223	181	42	~	54	41	~	~
Alabama	58	42	16	~	~	~	~	~
Kentucky	59	54	~	~	~	~	~	~
Mississippi	33	22	~	~	~	~	~	~
Tennessee	73	63	~	~	28	22	~	~
West South Central	319	250	66	30	73	53	20	~
Arkansas	23	16	~	~	~	~	~	~

continued

Table E.8.2: Cancer of the Larynx. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	71	49	22	~	16	~	~	~
Oklahoma	41	37	~	~	~	~	~	~
Texas	184	148	35	29	46	37	~	~
West	508	432	39	47	148	124	19	~
Mountain	146	134	~	18	40	37	~	~
Arizona	47	44	~	~	~	~	~	~
Colorado	27	26	~	~	~	~	~	~
Idaho	~	~	~	~	~	~	~	~
Montana	~	~	~	~	~	~	~	~
Nevada	17	~	~	~	~	~	~	~
New Mexico	19	17	~	~	~	~	~	~
Utah	~	~	~	~	~	~	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	362	298	32	29	108	87	17	~
Alaska	~	~	~	~	~	~	~	~
California	268	218	30	27	81	63	17	~
Hawaii	~	~	~	~	~	~	~	~
Oregon	31	30	~	~	~	~	~	~
Washington	49	45	~	~	~	~	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.9.1: Cancer of the Lung and Bronchus. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	20,916	18,598	1,891	671	18,008	16,212	1,457	427
New England	5,512	5,262	188	105	4,820	4,626	129	65
Connecticut	1,321	1,234	79	35	1,114	1,045	62	22
Maine	632	628	~	~	519	514	~	~
Massachusetts	2,451	2,319	90	-	2,295	2,190	58	-
New Hampshire	419	412	~	-	378	375	~	-
Rhode Island	476	458	~	~	340	331	~	~
Vermont	213	211	~	~	174	171	~	~
Middle Atlantic	15,404	13,336	1,703	~	13,188	11,586	1,328	~
New Jersey	3,138	2,712	372	136	2,795	2,475	277	63
New York	6,548	5,485	812	363	5,926	5,134	612	261
Pennsylvania	5,718	5,139	519	-	4,467	3,977	439	-
Midwest								
East North Central	18,471	16,199	2,012	208	14,268	12,710	1,388	150
Illinois	4,812	4,027	693	-	3,699	3,181	472	-
Indiana	2,822	2,618	181	24	1,960	1,815	132	~
Michigan	3,900	3,326	533	40	3,160	2,753	377	33
Detroit	1,745	1,317	417	-	1,444	1,138	298	-
Ohio	4,977	4,389	507	29	3,830	3,442	325	18
Wisconsin	1,960	1,839	98	~	1,619	1,519	82	~
West North Central								
Iowa	1,196	1,165	25	~	872	856	~	~
Kansas	1,060	991	60	19	749	720	21	~
Minnesota	1,530	1,467	35	~	1,250	1,199	20	~
Missouri	2,439	2,214	211	17	1,819	1,651	160	~
Nebraska	622	596	24	~	444	428	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	242	50	183	~	172	37	131	~
Florida	8,575	7,819	639	-	6,879	6,402	402	-
Georgia	3,150	2,424	710	28	2,025	1,672	339	24
Atlanta	727	505	213	16	561	402	150	~
Maryland								
North Carolina	3,257	2,652	580	18	2,184	1,857	305	~
South Carolina	1,807	1,396	400	-	1,130	936	182	-
Virginia								
West Virginia	1,086	1,066	20	~	860	854	~	~
East South Central								
Alabama	2,260	1,823	420	~	1,333	1,115	216	~
Kentucky	2,503	2,384	114	-	1,701	1,586	102	-
Mississippi								
Tennessee								

continued

Table E.9.1: Cancer of the Lung and Bronchus. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	11,853	10,089	1,592	778	8,281	7,241	893	450
Arkansas	1,433	1,282	142	~	891	833	56	~
Louisiana	2,015	1,438	569	-	1,405	1,087	305	-
Oklahoma	1,746	1,581	97	~	1,238	1,130	58	~
Texas	6,659	5,788	784	730	4,747	4,191	474	414
West	17,720	15,414	946	1,182	15,246	13,648	639	872
Mountain	5,068	4,817	139	375	4,259	4,055	93	230
Arizona	1,686	1,631	32	134	1,434	1,378	29	72
Colorado	1,048	975	45	88	921	876	24	75
Idaho	349	346	~	~	271	267	~	~
Montana	355	337	~	-	323	300	~	-
Nevada	762	686	49	-	722	663	33	-
New Mexico	444	425	~	106	293	282	~	51
Utah	294	288	~	~	194	189	~	~
Wyoming	130	129	~	~	101	100	~	~
Pacific	12,652	10,597	807	807	10,987	9,593	546	642
Alaska	149	106	~	-	116	88	~	-
California	8,855	7,305	715	754	7,566	6,509	499	585
San Francisco-Oakland	1,125	783	139	73	996	739	115	70
San Jose-Monterey	448	354	~	38	404	351	~	36
Los Angeles	2,196	1,553	354	248	1,762	1,348	227	197
Hawaii	364	111	~	-	241	77	~	-
Oregon	1,263	1,209	24	18	1,222	1,180	~	~
Washington	2,021	1,866	61	29	1,842	1,739	32	41
Seattle-Puget Sound	1,359	1,228	59	~	1,257	1,174	29	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
\- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.9.2: Cancer of the Lung and Bronchus. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	16,816	15,046	1,567	406	13,476	12,266	1,094	220
New England	4,307	4,123	149	48	3,733	3,602	102	28
Connecticut	968	904	58	21	878	821	54	~
Maine	492	491	~	~	368	364	~	~
Massachusetts	1,922	1,826	74	22	1,771	1,708	43	~
New Hampshire	341	338	~	~	307	307	~	~
Rhode Island	373	353	~	~	275	268	~	~
Vermont	211	211	~	~	134	134	~	~
Middle Atlantic	12,509	10,923	1,418	358	9,743	8,664	992	~
New Jersey	2,605	2,229	341	79	2,093	1,863	212	40
New York	5,206	4,454	635	243	4,311	3,774	475	138
Pennsylvania	4,698	4,240	442	36	3,339	3,027	305	~
Midwest	21,787	19,557	2,071	156	15,508	14,062	1,311	77
East North Central	15,339	13,513	1,731	116	10,960	9,780	1,109	53
Illinois	3,960	3,316	606	59	2,833	2,446	369	34
Indiana	2,382	2,214	162	~	1,553	1,431	121	~
Michigan	3,182	2,721	430	26	2,460	2,126	307	~
Ohio	4,261	3,791	462	~	2,925	2,646	265	~
Wisconsin	1,554	1,471	71	~	1,189	1,131	47	~
West North Central	6,448	6,044	340	40	4,548	4,282	202	24
Iowa	998	977	18	~	714	701	~	~
Kansas	914	844	61	~	641	606	29	~
Minnesota	1,271	1,223	23	~	999	957	18	~
Missouri	2,236	2,013	215	~	1,519	1,377	135	~
Nebraska	561	536	22	~	384	370	~	~
North Dakota	206	199	~	~	142	132	~	~
South Dakota	262	252	~	~	149	139	~	~
South	36,915	31,028	5,661	1,044	24,302	21,184	2,927	491
South Atlantic	19,082	15,889	3,093	481	13,386	11,685	1,604	215
Delaware	275	235	40	~	246	208	35	~
District of Columbia	186	42	143	~	128	31	96	~
Florida	6,763	6,206	539	440	5,030	4,714	293	196
Georgia	2,599	2,024	567	~	1,592	1,319	263	~
Maryland	1,618	1,194	407	~	1,271	1,007	250	~
North Carolina	3,024	2,410	584	~	1,877	1,595	258	~
South Carolina	1,631	1,237	391	~	909	755	148	~
Virginia	2,119	1,685	411	17	1,645	1,393	237	~
West Virginia	867	856	~	~	688	663	24	~
East South Central	7,734	6,593	1,129	~	4,410	3,811	581	~
Alabama	1,852	1,466	378	~	1,060	885	169	~
Kentucky	2,089	1,974	114	~	1,251	1,173	76	~
Mississippi	1,240	905	334	~	664	513	150	~
Tennessee	2,553	2,248	303	~	1,435	1,240	186	~
West South Central	10,099	8,546	1,439	555	6,506	5,688	742	264
Arkansas	1,295	1,162	127	~	708	647	59	~

continued

Table E.9.2: Cancer of the Lung and Bronchus. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	1,782	1,250	525	~	1,108	859	246	~
Oklahoma	1,402	1,290	63	~	915	836	43	~
Texas	5,620	4,844	724	533	3,775	3,346	394	257
West	14,845	12,986	818	888	12,320	11,076	553	530
Mountain	4,187	3,987	115	261	3,310	3,172	84	144
Arizona	1,337	1,285	32	100	1,103	1,063	23	41
Colorado	788	736	40	48	695	664	24	36
Idaho	311	310	~	~	226	224	~	~
Montana	321	301	~	~	256	243	~	~
Nevada	668	617	33	~	532	492	31	~
New Mexico	384	367	~	93	273	266	~	48
Utah	244	237	~	~	127	125	~	~
Wyoming	134	134	~	~	98	95	~	~
Pacific	10,658	8,999	703	627	9,010	7,904	469	386
Alaska	109	80	~	~	88	71	~	~
California	7,578	6,284	637	587	6,414	5,546	443	366
Hawaii	287	83	~	~	188	52	~	~
Oregon	1,041	1,008	17	~	914	895	~	~
Washington	1,643	1,544	42	~	1,406	1,340	20	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.10.1: Melanomas of the Skin. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	4,984	4,696	~	55	4,041	3,755	27	68
New England	1,732	1,640	~	~	1,376	1,297	~	17
Connecticut	425	420	~	~	333	321	~	~
Maine	151	150	~	~	127	127	~	~
Massachusetts	783	728	~	-	628	578	~	-
New Hampshire	152	145	~	-	133	132	~	-
Rhode Island	145	123	~	~	95	79	~	~
Vermont	76	74	~	~	60	60	~	~
Middle Atlantic	3,252	3,056	~	47	2,665	2,458	23	51
New Jersey	865	855	~	~	687	679	~	~
New York	1,228	1,116	~	30	1,004	873	~	37
Pennsylvania	1,159	1,085	~	-	974	906	~	-
Midwest								
East North Central	3,788	3,542	20	25	3,115	2,892	23	27
Illinois	867	798	~	-	685	629	~	-
Indiana	472	458	~	~	404	387	~	~
Michigan	1,020	970	~	~	777	724	~	~
Detroit	416	410	~	-	288	284	~	-
Ohio	993	883	~	~	880	786	~	~
Wisconsin	436	433	~	~	369	366	~	~
West North Central								
Iowa	287	272	~	~	311	296	~	~
Kansas	244	217	~	~	208	184	~	~
Minnesota	469	444	~	~	447	424	~	~
Missouri	358	352	~	~	303	301	~	~
Nebraska	132	109	~	~	114	93	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	29	26	~	~	18	17	~	~
Florida	1,867	1,820	~	-	1,257	1,218	~	-
Georgia	766	739	~	~	594	574	~	~
Atlanta	308	299	~	~	231	224	~	~
Maryland								
North Carolina	741	727	~	~	529	514	~	~
South Carolina	332	317	~	-	278	256	~	-
Virginia								
West Virginia	183	183	~	~	135	135	~	~
East South Central								
Alabama	321	304	~	~	256	242	~	~
Kentucky	487	463	~	-	410	388	~	-
Mississippi								
Tennessee								

continued

Table E.10.1: Melanomas of the Skin. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	1,862	1,797	~	55	1,293	1,221	25	66
Arkansas	197	186	~	~	128	121	~	~
Louisiana	266	256	~	-	189	168	~	-
Oklahoma	255	246	~	~	168	160	~	~
Texas	1,144	1,109	~	48	808	772	~	63
West	6,341	5,955	16	177	4,710	4,390	~	215
Mountain	1,804	1,723	~	42	1,390	1,301	~	53
Arizona	500	497	~	~	347	341	~	~
Colorado	447	382	~	~	368	295	~	~
Idaho	135	135	~	~	108	108	~	~
Montana	87	79	~	-	72	68	~	-
Nevada	191	189	~	-	137	132	~	-
New Mexico	168	165	~	~	143	143	~	19
Utah	206	206	~	~	172	172	~	~
Wyoming	70	70	~	~	43	42	~	~
Pacific	4,537	4,232	~	135	3,320	3,089	~	162
Alaska	34	34	~	-	26	24	~	-
California	3,207	2,956	~	126	2,260	2,071	~	141
San Francisco-Oakland	330	306	~	~	223	201	~	21
San Jose-Monterey	191	182	~	~	160	150	~	~
Los Angeles	651	601	~	35	499	460	~	49
Hawaii	112	94	~	-	84	73	~	-
Oregon	465	462	~	~	375	373	~	~
Washington	719	686	~	~	575	548	~	~
Seattle-Puget Sound	487	483	~	~	414	411	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.10.2: Melanomas of the Skin. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	956	944	~	~	606	595	~	~
New England	283	280	~	~	163	162	~	~
Connecticut	70	70	~	~	39	39	~	~
Maine	30	30	~	~	18	18	~	~
Massachusetts	121	118	~	~	75	74	~	~
New Hampshire	17	17	~	~	~	~	~	~
Rhode Island	29	29	~	~	18	18	~	~
Vermont	16	16	~	~	~	~	~	~
Middle Atlantic	673	664	~	~	443	433	~	~
New Jersey	155	154	~	~	96	92	~	~
New York	292	287	~	~	183	179	~	~
Pennsylvania	226	223	~	~	164	162	~	~
Midwest	1,036	1,029	~	~	579	569	~	~
East North Central	679	674	~	~	391	383	~	~
Illinois	155	152	~	~	104	102	~	~
Indiana	98	98	~	~	50	47	~	~
Michigan	134	133	~	~	74	73	~	~
Ohio	197	196	~	~	110	109	~	~
Wisconsin	95	95	~	~	53	52	~	~
West North Central	357	355	~	~	188	186	~	~
Iowa	49	48	~	~	21	21	~	~
Kansas	52	52	~	~	24	24	~	~
Minnesota	75	75	~	~	46	46	~	~
Missouri	116	115	~	~	72	70	~	~
Nebraska	41	41	~	~	~	~	~	~
North Dakota	~	~	~	~	~	~	~	~
South Dakota	17	17	~	~	~	~	~	~
South	1,733	1,707	23	34	1,053	1,005	46	29
South Atlantic	966	953	~	~	569	542	26	~
Delaware	18	18	~	~	~	~	~	~
District of Columbia	~	~	~	~	~	~	~	~
Florida	362	361	~	~	187	182	~	~
Georgia	137	136	~	~	79	76	~	~
Maryland	87	83	~	~	53	49	~	~
North Carolina	145	141	~	~	98	93	~	~
South Carolina	60	60	~	~	37	30	~	~
Virginia	115	112	~	~	80	78	~	~
West Virginia	35	35	~	~	17	17	~	~
East South Central	290	285	~	~	192	184	~	~
Alabama	69	69	~	~	51	48	~	~
Kentucky	94	93	~	~	65	63	~	~
Mississippi	36	34	~	~	26	24	~	~
Tennessee	91	89	~	~	50	49	~	~
West South Central	477	469	~	21	292	279	~	18
Arkansas	51	50	~	~	24	20	~	~

continued

Table E.10.2: Melanomas of the Skin. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	48	44	~	~	49	46	~	~
Oklahoma	76	74	~	~	42	42	~	~
Texas	302	301	~	20	177	171	~	18
West	1,038	1,022	~	33	541	532	~	23
Mountain	~	~	~	~	164	164	~	~
Arizona	93	91	~	~	35	35	~	~
Colorado	76	76	~	~	43	43	~	~
Idaho	30	30	~	~	~	~	~	~
Montana	19	19	~	~	16	16	~	~
Nevada	43	42	~	~	21	21	~	~
New Mexico	22	21	~	~	~	~	~	~
Utah	26	26	~	~	26	26	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	723	711	~	23	377	368	~	19
Alaska	~	~	~	~	~	~	~	~
California	504	501	~	23	276	269	~	18
Hawaii	~	~	~	~	~	~	~	~
Oregon	83	80	~	~	33	33	~	~
Washington	123	120	~	~	58	57	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.11.1: Cancer of the Breast. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	418	344	54	18	41,389	36,675	3,121	1,832
New England	83	75	~	~	11,325	10,756	317	308
Connecticut	27	23	~	~	2,935	2,728	152	111
Maine	~	~	~	~	1,099	1,092	~	~
Massachusetts	23	20	~	-	5,043	4,759	131	-
New Hampshire	~	~	~	-	938	923	~	-
Rhode Island	~	~	~	~	820	769	26	35
Vermont	~	~	~	~	490	485	~	~
Middle Atlantic	335	269	48	17	30,064	25,919	2,804	~
New Jersey	51	36	~	~	6,537	5,623	639	377
New York	200	166	23	~	13,467	11,111	1,473	1,005
Pennsylvania	84	67	~	-	10,060	9,185	692	-
Midwest								
East North Central	252	220	22	~	32,279	28,531	2,907	~
Illinois	70	58	~	-	8,798	7,452	1,089	-
Indiana	26	23	~	~	4,226	3,903	269	50
Michigan	59	54	~	~	7,049	6,144	720	98
Detroit	30	26	~	-	2,978	2,347	582	-
Ohio	54	47	~	~	8,168	7,197	690	65
Wisconsin	43	38	~	~	4,038	3,835	139	52
West North Central								
Iowa	~	~	~	~	2,231	2,185	20	16
Kansas	~	~	~	~	1,975	1,871	60	41
Minnesota	28	27	~	~	3,649	3,481	52	28
Missouri	29	27	~	~	3,923	3,560	334	38
Nebraska	~	~	~	~	1,297	1,231	32	21
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	~	~	~	~	451	146	278	~
Florida	89	78	~	-	12,812	11,579	987	-
Georgia	35	21	~	~	5,069	3,943	1,064	83
Atlanta	~	~	~	~	1,746	1,265	446	44
Maryland								
North Carolina	45	35	~	~	5,662	4,641	955	44
South Carolina	33	24	~	-	2,714	2,065	618	-
Virginia								
West Virginia	~	~	~	~	1,325	1,289	33	~
East South Central								
Alabama	47	34	~	~	2,988	2,375	592	~
Kentucky	16	~	~	-	2,844	2,618	186	-
Mississippi								
Tennessee								

continued

Table E.11.1: Cancer of the Breast. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	~	156	32	19	18,092	15,477	2,151	1,797
Arkansas	20	~	~	~	1,804	1,588	185	~
Louisiana	31	21	~	-	2,850	2,078	760	-
Oklahoma	~	~	~	~	2,475	2,263	114	33
Texas	137	119	16	18	10,963	9,548	1,092	1,688
West	340	301	17	24	41,338	36,213	1,523	3,952
Mountain	123	120	~	~	11,395	10,772	211	978
Arizona	53	52	~	~	3,277	3,126	60	330
Colorado	16	~	~	~	2,799	2,604	69	208
Idaho	~	~	~	~	815	805	~	17
Montana	~	~	~	-	673	640	~	-
Nevada	16	~	~	-	1,384	1,231	69	-
New Mexico	~	~	~	~	1,067	1,013	~	274
Utah	~	~	~	~	1,090	1,067	~	55
Wyoming	~	~	~	~	290	286	~	~
Pacific	217	181	16	16	29,943	25,441	1,312	2,974
Alaska	~	~	~	-	326	259	~	-
California	164	134	16	~	21,375	18,172	1,215	2,806
San Francisco-Oakland	24	20	~	~	2,926	2,211	234	212
San Jose-Monterey	~	~	~	~	1,539	1,279	23	190
Los Angeles	36	25	~	~	5,490	4,282	573	1,055
Hawaii	~	~	~	-	903	227	~	-
Oregon	16	16	~	~	2,775	2,613	22	57
Washington	27	26	~	~	4,564	4,170	62	100
Seattle-Puget Sound	16	16	~	~	3,200	2,948	60	31

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.11.2: Cancer of the Breast. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	96	84	~	~	9,183	8,033	1,036	317
New England	18	18	~	~	2,275	2,170	92	28
Connecticut	~	~	~	~	594	547	42	~
Maine	~	~	~	~	182	181	~	~
Massachusetts	~	~	~	~	1,048	996	44	~
New Hampshire	~	~	~	~	186	185	~	~
Rhode Island	~	~	~	~	159	155	~	~
Vermont	~	~	~	~	106	106	~	~
Middle Atlantic	78	66	~	~	6,908	5,863	944	289
New Jersey	17	16	~	~	1,467	1,257	179	68
New York	43	34	~	~	3,125	2,550	519	195
Pennsylvania	18	16	~	~	2,316	2,056	246	26
Midwest	108	93	~	~	9,860	8,739	1,050	91
East North Central	71	61	~	~	7,002	6,045	903	71
Illinois	23	19	~	~	1,846	1,508	316	46
Indiana	~	~	~	~	921	834	85	~
Michigan	~	~	~	~	1,473	1,229	231	~
Ohio	20	18	~	~	1,941	1,699	236	~
Wisconsin	~	~	~	~	821	775	35	~
West North Central	37	32	~	~	2,858	2,694	147	20
Iowa	~	~	~	~	455	446	~	~
Kansas	~	~	~	~	355	334	16	~
Minnesota	~	~	~	~	687	679	~	~
Missouri	~	~	~	~	917	813	102	~
Nebraska	~	~	~	~	254	238	~	~
North Dakota	~	~	~	~	103	101	~	~
South Dakota	~	~	~	~	87	83	~	~
South	140	105	35	~	14,583	11,493	2,967	651
South Atlantic	81	62	19	~	7,771	6,047	1,651	264
Delaware	~	~	~	~	123	103	19	~
District of Columbia	~	~	~	~	128	31	96	~
Florida	29	24	~	~	2,562	2,269	276	228
Georgia	~	~	~	~	1,010	720	285	~
Maryland	~	~	~	~	819	576	229	~
North Carolina	17	~	~	~	1,154	850	288	~
South Carolina	~	~	~	~	589	387	197	~
Virginia	~	~	~	~	1,077	811	252	~
West Virginia	~	~	~	~	309	300	~	~
East South Central	25	17	~	~	2,669	2,082	580	~
Alabama	~	~	~	~	748	528	219	~
Kentucky	~	~	~	~	636	581	52	~
Mississippi	~	~	~	~	440	271	166	~
Tennessee	~	~	~	~	845	702	143	~
West South Central	34	26	~	~	4,143	3,364	736	376
Arkansas	~	~	~	~	395	336	57	~

continued

Table E.11.2: Cancer of the Breast. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	~	~	~	~	729	467	261	~
Oklahoma	~	~	~	~	536	473	47	~
Texas	19	~	~	~	2,483	2,088	371	363
West	71	62	~	~	7,768	6,813	453	687
Mountain	23	20	~	~	2,104	1,985	69	160
Arizona	~	~	~	~	685	639	29	57
Colorado	~	~	~	~	469	447	16	33
Idaho	~	~	~	~	131	126	~	~
Montana	~	~	~	~	124	122	~	~
Nevada	~	~	~	~	255	232	18	~
New Mexico	~	~	~	~	183	166	~	47
Utah	~	~	~	~	197	194	~	~
Wyoming	~	~	~	~	60	59	~	~
Pacific	48	42	~	~	5,664	4,828	384	527
Alaska	~	~	~	~	46	36	~	~
California	35	29	~	~	4,200	3,532	357	505
Hawaii	~	~	~	~	139	44	~	~
Oregon	~	~	~	~	520	503	~	~
Washington	~	~	~	~	759	713	19	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.12.1: Cancer of the Breast. *In Situ* Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	82	74	~	~	10,402	9,130	754	447
New England	19	17	~	~	3,315	3,098	103	96
Connecticut	~	~	~	~	805	739	47	26
Maine	~	~	~	~	260	259	~	~
Massachusetts	~	~	~	-	1,654	1,524	52	-
New Hampshire	~	~	~	-	291	285	~	-
Rhode Island	~	~	~	~	190	176	~	~
Vermont	~	~	~	~	115	115	~	~
Middle Atlantic	~	~	~	~	7,087	6,032	651	~
New Jersey	~	~	~	~	1,595	1,381	144	94
New York	27	25	~	~	3,351	2,711	354	229
Pennsylvania	28	27	~	-	2,141	1,940	153	-
Midwest								
East North Central	37	30	~	~	7,299	6,356	708	140
Illinois	~	~	~	-	1,999	1,689	219	-
Indiana	~	~	~	~	902	828	57	~
Michigan	17	~	~	~	1,863	1,587	227	16
Detroit	~	~	~	-	902	701	183	-
Ohio	~	~	~	~	1,834	1,595	179	~
Wisconsin	~	~	~	~	701	657	26	~
West North Central								
Iowa	~	~	~	~	390	379	~	~
Kansas	~	~	~	~	333	319	~	~
Minnesota	~	~	~	~	717	670	~	~
Missouri	~	~	~	~	762	686	70	~
Nebraska	~	~	~	~	273	260	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	~	~	~	~	121	47	66	~
Florida	~	~	~	-	2,843	2,572	206	-
Georgia	~	~	~	~	1,118	863	240	~
Atlanta	~	~	~	~	435	316	111	18
Maryland								
North Carolina	~	~	~	~	1,160	969	175	~
South Carolina	~	~	~	-	578	439	129	-
Virginia								
West Virginia	~	~	~	~	251	248	~	~
East South Central								
Alabama	~	~	~	~	635	512	119	~
Kentucky	~	~	~	-	544	507	27	-
Mississippi								
Tennessee								

continued

Table E.12.1: Cancer of the Breast. *In Situ* Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	~	~	~	~	3,451	2,952	384	309
Arkansas	~	~	~	~	353	323	27	~
Louisiana	~	~	~	-	532	378	150	-
Oklahoma	~	~	~	~	402	372	18	~
Texas	~	~	~	~	2,164	1,879	189	292
West	38	33	~	~	8,705	7,405	281	741
Mountain	~	~	~	~	2,342	2,190	40	172
Arizona	~	~	~	~	705	669	~	68
Colorado	~	~	~	~	620	552	20	41
Idaho	~	~	~	~	138	135	~	~
Montana	~	~	~	-	163	160	~	-
Nevada	~	~	~	-	289	260	~	-
New Mexico	~	~	~	~	163	160	~	30
Utah	~	~	~	~	221	214	~	~
Wyoming	~	~	~	~	43	40	~	~
Pacific	23	19	~	~	6,363	5,215	241	569
Alaska	~	~	~	-	76	63	~	-
California	20	17	~	~	4,400	3,631	216	533
San Francisco-Oakland	~	~	~	~	680	488	42	56
San Jose-Monterey	~	~	~	~	303	244	~	35
Los Angeles	~	~	~	~	1,150	874	106	206
Hawaii	~	~	~	-	260	61	~	-
Oregon	~	~	~	~	612	567	~	~
Washington	~	~	~	~	1,015	893	22	23
Seattle-Puget Sound	~	~	~	~	740	650	23	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† *In situ* cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
\- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.13.1: Cancer of the Cervix Uteri. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast					2,479	1,886	434	320
New England					535	473	36	55
Connecticut					134	115	17	17
Maine					66	64	~	~
Massachusetts					225	191	17	-
New Hampshire					45	44	~	-
Rhode Island					44	39	~	~
Vermont					21	20	~	~
Middle Atlantic					1,944	1,413	398	~
New Jersey					459	352	79	74
New York					924	608	235	170
Pennsylvania					561	453	84	-
Midwest								
East North Central					2,005	1,626	299	126
Illinois					629	477	130	-
Indiana					284	252	23	~
Michigan					425	321	83	16
Detroit					202	128	66	-
Ohio					459	391	45	~
Wisconsin					208	185	18	~
West North Central								
Iowa					117	112	~	~
Kansas					126	107	~	~
Minnesota					179	154	~	~
Missouri					264	220	39	~
Nebraska					66	59	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia					35	~	24	~
Florida					935	747	162	-
Georgia					380	249	114	19
Atlanta					116	66	39	~
Maryland								
North Carolina					323	216	98	~
South Carolina					205	120	81	-
Virginia								
West Virginia					126	121	~	~
East South Central								
Alabama					228	146	81	~
Kentucky					242	209	22	-
Mississippi								
Tennessee								

continued

Table E.13.1: Cancer of the Cervix Uteri. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central					1,634	1,293	273	417
Arkansas					156	125	25	~
Louisiana					228	133	91	-
Oklahoma					213	174	16	~
Texas					1,037	861	141	394
West					2,103	~	77	474
Mountain					701	629	18	163
Arizona					192	176	~	57
Colorado					167	149	~	43
Idaho					42	40	~	~
Montana					44	39	~	-
Nevada					88	71	~	-
New Mexico					93	81	~	36
Utah					58	57	~	~
Wyoming					17	16	~	~
Pacific					1,402	~	59	311
Alaska					25	18	~	-
California					952	762	50	281
San Francisco-Oakland					167	100	24	31
San Jose-Monterey					89	65	~	27
Los Angeles					523	401	47	271
Hawaii					65	~	~	-
Oregon					144	129	~	~
Washington					216	178	~	18
Seattle-Puget Sound					153	120	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.13.2: Cancer of the Cervix Uteri. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast					761	613	121	66
New England					141	131	~	~
Connecticut					36	33	~	~
Maine					~	~	~	~
Massachusetts					61	57	~	~
New Hampshire					17	16	~	~
Rhode Island					~	~	~	~
Vermont					~	~	~	~
Middle Atlantic					620	482	118	61
New Jersey					150	123	25	~
New York					286	198	73	42
Pennsylvania					184	161	20	~
Midwest					831	668	143	16
East North Central					608	477	121	~
Illinois					183	122	57	~
Indiana					80	73	~	~
Michigan					133	101	29	~
Ohio					158	130	27	~
Wisconsin					54	51	~	~
West North Central					223	191	22	~
Iowa					33	33	~	~
Kansas					42	37	~	~
Minnesota					35	29	~	~
Missouri					77	61	~	~
Nebraska					20	18	~	~
North Dakota					~	~	~	~
South Dakota					~	~	~	~
South					1,675	1,184	461	139
South Atlantic					847	597	236	37
Delaware					23	16	~	~
District of Columbia					~	~	~	~
Florida					276	219	55	30
Georgia					116	75	40	~
Maryland					84	50	32	~
North Carolina					125	88	35	~
South Carolina					69	44	24	~
Virginia					97	61	31	~
West Virginia					43	42	~	~
East South Central					303	203	97	~
Alabama					84	51	32	~
Kentucky					65	55	~	~
Mississippi					41	20	21	~
Tennessee					113	77	35	~
West South Central					525	384	128	101
Arkansas					51	38	~	~

continued

Table E.13.2: Cancer of the Cervix Uteri. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana					65	29	36	~
Oklahoma					57	47	~	~
Texas					352	270	74	100
West					825	671	62	191
Mountain					232	211	~	44
Arizona					77	69	~	18
Colorado					50	48	~	~
Idaho					18	17	~	~
Montana					~	~	~	~
Nevada					31	25	~	~
New Mexico					29	26	~	~
Utah					~	~	~	~
Wyoming					~	~	~	~
Pacific					593	460	55	147
Alaska					~	~	~	~
California					468	363	52	141
Hawaii					~	~	~	~
Oregon					51	47	~	~
Washington					55	44	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.14.1: Cancer of the Corpus and Uterus, NOS. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast					9,097	8,100	698	392
New England					2,241	2,128	55	64
Connecticut					565	537	20	17
Maine					243	243	~	~
Massachusetts					966	904	30	-
New Hampshire					194	189	~	-
Rhode Island					163	145	~	~
Vermont					110	110	~	~
Middle Atlantic					6,856	5,972	643	~
New Jersey					1,427	1,257	134	72
New York					3,012	2,486	359	236
Pennsylvania					2,417	2,229	150	-
Midwest								
East North Central					6,479	5,809	472	116
Illinois					1,711	1,466	176	-
Indiana					842	783	47	~
Michigan					1,375	1,220	111	~
Detroit					569	470	88	-
Ohio					1,736	1,556	121	18
Wisconsin					815	784	17	~
West North Central								
Iowa					483	474	~	~
Kansas					356	330	16	~
Minnesota					705	666	~	~
Missouri					765	705	53	~
Nebraska					232	225	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia					65	23	39	~
Florida					2,250	2,009	197	-
Georgia					756	569	175	~
Atlanta					243	161	74	~
Maryland								
North Carolina					922	749	161	~
South Carolina					430	305	115	-
Virginia								
West Virginia					294	291	~	~
East South Central								
Alabama					417	326	86	~
Kentucky					491	461	20	-
Mississippi								
Tennessee								

continued

Table E.14.1: Cancer of the Corpus and Uterus, NOS. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central					2,839	2,430	327	347
Arkansas					277	246	25	~
Louisiana					425	304	115	-
Oklahoma					388	346	17	~
Texas					1,749	1,534	170	322
West					7,001	6,101	234	709
Mountain					1,834	1,713	22	162
Arizona					486	456	~	48
Colorado					440	404	~	39
Idaho					138	134	~	~
Montana					126	117	~	-
Nevada					185	166	~	-
New Mexico					189	175	~	46
Utah					208	202	~	~
Wyoming					62	59	~	~
Pacific					5,167	4,388	212	547
Alaska					61	47	~	-
California					3,698	3,120	207	502
San Francisco-Oakland					524	389	48	55
San Jose-Monterey					231	194	~	26
Los Angeles					1,044	802	112	214
Hawaii					158	42	~	-
Oregon					444	420	~	19
Washington					806	759	~	22
Seattle-Puget Sound					546	518	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.14.2: Cancer of the Corpus and Uterus, NOS. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast					1,632	1,389	216	57
New England					385	366	18	~
Connecticut					96	92	~	~
Maine					43	43	~	~
Massachusetts					169	154	~	~
New Hampshire					38	38	~	~
Rhode Island					18	18	~	~
Vermont					21	21	~	~
Middle Atlantic					1,247	1,023	198	48
New Jersey					289	255	31	~
New York					541	397	125	34
Pennsylvania					417	371	42	~
Midwest					1,706	1,514	180	~
East North Central					1,167	1,015	~	~
Illinois					321	263	55	~
Indiana					152	134	18	~
Michigan					235	196	37	~
Ohio					307	271	36	~
Wisconsin					152	151	~	~
West North Central					539	499	34	~
Iowa					85	84	~	~
Kansas					75	69	~	~
Minnesota					111	108	~	~
Missouri					160	135	24	~
Nebraska					58	57	~	~
North Dakota					17	17	~	~
South Dakota					33	29	~	~
South					2,203	1,612	573	128
South Atlantic					1,281	931	341	57
Delaware					23	18	~	~
District of Columbia					21	~	18	~
Florida					450	376	72	49
Georgia					146	91	55	~
Maryland					132	92	38	~
North Carolina					192	133	58	~
South Carolina					94	48	46	~
Virginia					174	124	47	~
West Virginia					49	46	~	~
East South Central					350	243	106	~
Alabama					97	63	34	~
Kentucky					82	74	~	~
Mississippi					61	24	36	~
Tennessee					110	82	28	~
West South Central					572	438	126	71
Arkansas					53	43	~	~

continued

Table E.14.2: Cancer of the Corpus and Uterus, NOS. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana					87	49	38	~
Oklahoma					73	64	~	~
Texas					359	282	75	69
West					1,242	1,091	77	124
Mountain					~	~	~	26
Arizona					93	88	~	~
Colorado					73	65	~	~
Idaho					29	29	~	~
Montana					23	23	~	~
Nevada					36	35	~	~
New Mexico					40	36	~	~
Utah					43	41	~	~
Wyoming					~	~	~	~
Pacific					~	766	66	98
Alaska					~	~	~	~
California					639	535	59	91
Hawaii					22	~	~	~
Oregon					82	80	~	~
Washington					149	141	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.15.1: Cancer of the Ovary. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

	Male				Female			
Area	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast					4,723	4,234	293	206
New England					1,157	1,101	16	21
Connecticut					289	277	~	~
Maine					105	103	~	~
Massachusetts					546	513	~	-
New Hampshire					77	75	~	-
Rhode Island					93	87	~	~
Vermont					47	46	~	~
Middle Atlantic					3,566	3,133	277	~
New Jersey					803	712	57	44
New York					1,617	1,370	159	123
Pennsylvania					1,146	1,051	61	-
Midwest								
East North Central					3,272	2,962	~	64
Illinois					860	730	91	-
Indiana					423	399	18	~
Michigan					729	658	55	~
Detroit					315	271	39	-
Ohio					779	716	50	~
Wisconsin					481	459	~	~
West North Central								
Iowa					261	252	~	~
Kansas					222	210	~	~
Minnesota					358	335	~	~
Missouri					409	377	29	~
Nebraska					122	121	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia					36	~	26	~
Florida					1,449	1,323	101	-
Georgia					546	435	102	~
Atlanta					188	134	48	~
Maryland								
North Carolina					520	447	63	~
South Carolina					267	216	46	-
Virginia								
West Virginia					171	164	~	~
East South Central								
Alabama					331	263	63	~
Kentucky					280	268	~	-
Mississippi								
Tennessee								

continued

Table E.15.1: Cancer of the Ovary. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central					1,955	1,722	187	253
Arkansas					183	167	~	~
Louisiana					297	225	69	-
Oklahoma					271	246	~	~
Texas					1,204	1,084	92	238
West					4,201	~	105	516
Mountain					1,215	1,144	~	124
Arizona					349	329	~	37
Colorado					301	286	~	32
Idaho					87	85	~	~
Montana					77	69	~	-
Nevada					135	120	~	-
New Mexico					115	106	~	33
Utah					124	122	~	~
Wyoming					27	27	~	~
Pacific					2,986	~	92	392
Alaska					18	~	~	-
California					2,125	1,837	83	369
San Francisco-Oakland					279	214	19	26
San Jose-Monterey					126	111	~	25
Los Angeles					590	477	37	156
Hawaii					68	21	~	-
Oregon					286	274	~	~
Washington					489	442	~	~
Seattle-Puget Sound					343	309	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.15.2: Cancer of the Ovary. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast					3,154	2,896	225	76
New England					772	757	~	~
Connecticut					189	184	~	~
Maine					83	82	~	~
Massachusetts					348	341	~	~
New Hampshire					55	55	~	~
Rhode Island					64	62	~	~
Vermont					33	33	~	~
Middle Atlantic					2,382	2,139	215	~
New Jersey					510	452	47	16
New York					1,007	880	113	43
Pennsylvania					865	807	55	~
Midwest					3,413	3,179	201	31
East North Central					2,321	2,135	168	21
Illinois					594	509	74	~
Indiana					326	319	~	~
Michigan					499	444	51	~
Ohio					640	611	28	~
Wisconsin					262	252	~	~
West North Central					1,092	1,044	33	~
Iowa					195	190	~	~
Kansas					147	137	~	~
Minnesota					250	247	~	~
Missouri					333	309	21	~
Nebraska					90	87	~	~
North Dakota					30	29	~	~
South Dakota					47	45	~	~
South					4,901	4,207	646	233
South Atlantic					2,697	2,294	372	91
Delaware					41	34	~	~
District of Columbia					36	~	25	~
Florida					979	909	64	77
Georgia					371	302	62	~
Maryland					255	204	48	~
North Carolina					382	314	66	~
South Carolina					161	131	28	~
Virginia					350	271	69	~
West Virginia					122	118	~	~
East South Central					913	775	137	~
Alabama					275	218	57	~
Kentucky					211	204	~	~
Mississippi					134	99	35	~
Tennessee					293	254	39	~
West South Central					1,291	1,138	137	137
Arkansas					130	116	~	~

continued

Table E.15.2: Cancer of the Ovary. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana					209	159	50	~
Oklahoma					163	145	~	~
Texas					789	718	65	132
West					~	~	81	263
Mountain					853	802	~	71
Arizona					268	255	~	26
Colorado					190	181	~	~
Idaho					73	71	~	~
Montana					43	40	~	~
Nevada					96	87	~	~
New Mexico					87	76	~	22
Utah					70	67	~	~
Wyoming					26	25	~	~
Pacific					~	~	67	192
Alaska					~	~	~	~
California					1,496	1,321	62	188
Hawaii					57	21	~	~
Oregon					196	195	~	~
Washington					330	318	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.16.1: Cancer of the Prostate. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	44,187	37,066	5,174	1,921				
New England	11,732	10,770	619	288				
Connecticut	2,895	2,587	244	81				
Maine	1,182	1,175	~	~				
Massachusetts	5,362	4,849	325	-				
New Hampshire	955	894	~	-				
Rhode Island	905	834	37	39				
Vermont	433	431	~	~				
Middle Atlantic	32,455	26,296	4,555	~				
New Jersey	7,977	6,483	1,124	476				
New York	13,621	10,361	2,349	1,016				
Pennsylvania	10,857	9,452	1,082	-				
Midwest								
East North Central	32,908	27,217	3,760	~				
Illinois	8,422	6,814	1,269	-				
Indiana	3,801	3,392	329	42				
Michigan	8,597	6,673	1,084	89				
Detroit	3,787	2,750	913	-				
Ohio	7,942	6,451	904	58				
Wisconsin	4,146	3,887	174	46				
West North Central								
Iowa	2,158	2,083	31	~				
Kansas	1,879	1,716	82	28				
Minnesota	4,171	3,899	59	21				
Missouri	3,583	3,189	364	26				
Nebraska	1,189	1,069	38	~				
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	501	119	346	~				
Florida	14,386	12,560	1,609	-				
Georgia	5,177	3,599	1,528	56				
Atlanta	1,713	1,130	553	36				
Maryland								
North Carolina	5,617	4,154	1,340	35				
South Carolina	2,888	1,930	892	-				
Virginia								
West Virginia	1,460	1,408	52	~				
East South Central								
Alabama	2,977	2,165	767	17				
Kentucky	2,787	2,358	228	-				
Mississippi								
Tennessee								

continued

Table E.16.1: Cancer of the Prostate. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	17,825	14,656	2,690	1,522				
Arkansas	1,823	1,557	254	~				
Louisiana	3,227	2,203	987	-				
Oklahoma	2,212	1,956	152	32				
Texas	10,563	8,940	1,297	1,414				
West	39,950	33,713	2,288	3,586				
Mountain	11,890	10,959	328	896				
Arizona	2,944	2,645	72	234				
Colorado	2,721	2,402	114	206				
Idaho	998	980	~	18				
Montana	811	749	~	-				
Nevada	1,477	1,328	98	-				
New Mexico	1,176	1,115	26	311				
Utah	1,343	1,322	~	47				
Wyoming	420	418	~	18				
Pacific	28,060	22,754	1,960	2,690				
Alaska	306	265	~	-				
California	19,882	15,803	1,761	2,565				
San Francisco-Oakland	2,904	2,107	306	232				
San Jose-Monterey	1,356	1,170	31	189				
Los Angeles	5,403	3,742	883	999				
Hawaii	797	205	~	-				
Oregon	2,668	2,511	34	33				
Washington	4,407	3,970	139	81				
Seattle-Puget Sound	2,975	2,713	125	36				

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
\- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.16.2: Cancer of the Prostate. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	6,386	5,468	879	162				
New England	1,674	1,591	78	20				
Connecticut	389	358	31	~				
Maine	184	183	~	~				
Massachusetts	755	711	40	~				
New Hampshire	136	135	~	~				
Rhode Island	137	131	~	~				
Vermont	73	73	~	~				
Middle Atlantic	4,712	3,877	801	~				
New Jersey	996	799	187	27				
New York	2,079	1,635	422	105				
Pennsylvania	1,637	1,443	192	~				
Midwest	7,374	6,389	948	66				
East North Central	5,107	4,274	816	54				
Illinois	1,402	1,116	281	27				
Indiana	688	601	85	~				
Michigan	1,114	903	206	~				
Ohio	1,275	1,056	218	~				
Wisconsin	628	598	26	~				
West North Central	2,267	2,115	132	~				
Iowa	397	388	~	~				
Kansas	315	284	28	~				
Minnesota	600	582	~	~				
Missouri	562	482	78	~				
Nebraska	190	182	~	~				
North Dakota	88	87	~	~				
South Dakota	115	110	~	~				
South	11,110	8,048	3,005	506				
South Atlantic	6,067	4,310	1,726	228				
Delaware	105	83	22	~				
District of Columbia	92	18	74	~				
Florida	2,213	1,879	330	219				
Georgia	745	446	296	~				
Maryland	558	360	189	~				
North Carolina	913	569	333	~				
South Carolina	499	279	220	~				
Virginia	733	482	247	~				
West Virginia	209	194	~	~				
East South Central	2,009	1,369	637	~				
Alabama	611	350	260	~				
Kentucky	381	331	49	~				
Mississippi	412	217	194	~				
Tennessee	605	471	134	~				
West South Central	3,034	2,369	642	271				
Arkansas	348	263	84	~				

continued

Table E.16.2: Cancer of the Prostate. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	562	331	230	~				
Oklahoma	370	331	29	~				
Texas	1,754	1,444	299	259				
West	5,849	5,161	433	492				
Mountain	1,740	1,633	71	144				
Arizona	507	481	~	44				
Colorado	338	320	16	29				
Idaho	132	131	~	~				
Montana	124	119	~	~				
Nevada	203	175	25	~				
New Mexico	188	167	~	53				
Utah	181	174	~	~				
Wyoming	67	66	~	~				
Pacific	4,109	3,528	362	348				
Alaska	31	25	~	~				
California	2,943	2,478	332	330				
Hawaii	113	45	~	~				
Oregon	431	422	~	~				
Washington	591	558	23	~				

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.17.1: Cancer of the Testis. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	1,488	1,390	51	103				
New England	409	390	~	18				
Connecticut	86	79	~	~				
Maine	38	38	~	~				
Massachusetts	190	180	~	-				
New Hampshire	39	39	~	-				
Rhode Island	29	27	~	~				
Vermont	27	27	~	~				
Middle Atlantic	1,079	1,000	44	~				
New Jersey	250	230	~	30				
New York	466	418	23	44				
Pennsylvania	363	352	~	-				
Midwest								
East North Central	1,254	1,176	39	55				
Illinois	322	296	~	-				
Indiana	173	166	~	~				
Michigan	272	257	~	~				
Detroit	117	109	~	-				
Ohio	317	293	~	~				
Wisconsin	170	164	~	~				
West North Central								
Iowa	104	102	~	~				
Kansas	63	58	~	~				
Minnesota	184	170	~	~				
Missouri	156	149	~	~				
Nebraska	67	63	~	~				
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	~	~	~	~				
Florida	391	371	~	-				
Georgia	184	169	~	~				
Atlanta	62	53	~	~				
Maryland								
North Carolina	215	200	~	~				
South Carolina	74	66	~	-				
Virginia								
West Virginia	34	34	~	~				
East South Central								
Alabama	84	82	~	~				
Kentucky	111	106	~	-				
Mississippi								
Tennessee								

continued

Table E.17.1: Cancer of the Testis. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	709	662	26	179				
Arkansas	55	54	~	~				
Louisiana	101	90	~	-				
Oklahoma	72	65	~	~				
Texas	481	453	~	164				
West	1,794	~	28	322				
Mountain	503	477	~	65				
Arizona	126	120	~	18				
Colorado	142	133	~	~				
Idaho	34	32	~	~				
Montana	23	23	~	-				
Nevada	46	41	~	-				
New Mexico	49	47	~	19				
Utah	62	61	~	~				
Wyoming	21	20	~	~				
Pacific	1,291	~	25	257				
Alaska	21	17	~	-				
California	913	843	22	246				
San Francisco-Oakland	102	82	~	17				
San Jose-Monterey	76	68	~	~				
Los Angeles	249	229	~	107				
Hawaii	29	~	~	-				
Oregon	135	123	~	~				
Washington	193	182	~	~				
Seattle-Puget Sound	139	131	~	~				

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.17.2: Cancer of the Testis. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	56	53	~	~				
New England	~	~	~	~				
Connecticut	~	~	~	~				
Maine	~	~	~	~				
Massachusetts	~	~	~	~				
New Hampshire	~	~	~	~				
Rhode Island	~	~	~	~				
Vermont	~	~	~	~				
Middle Atlantic	42	40	~	~				
New Jersey	~	~	~	~				
New York	19	18	~	~				
Pennsylvania	~	~	~	~				
Midwest	71	67	~	~				
East North Central	50	46	~	~				
Illinois	~	~	~	~				
Indiana	~	~	~	~				
Michigan	~	~	~	~				
Ohio	20	19	~	~				
Wisconsin	~	~	~	~				
West North Central	21	21	~	~				
Iowa	~	~	~	~				
Kansas	~	~	~	~				
Minnesota	~	~	~	~				
Missouri	~	~	~	~				
Nebraska	~	~	~	~				
North Dakota	~	~	~	~				
South Dakota	~	~	~	~				
South	112	97	~	17				
South Atlantic	58	50	~	~				
Delaware	~	~	~	~				
District of Columbia	~	~	~	~				
Florida	24	23	~	~				
Georgia	~	~	~	~				
Maryland	~	~	~	~				
North Carolina	~	~	~	~				
South Carolina	~	~	~	~				
Virginia	~	~	~	~				
West Virginia	~	~	~	~				
East South Central	~	~	~	~				
Alabama	~	~	~	~				
Kentucky	~	~	~	~				
Mississippi	~	~	~	~				
Tennessee	~	~	~	~				
West South Central	39	33	~	~				
Arkansas	~	~	~	~				

continued

Table E.17.2: Cancer of the Testis. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	~	~	~	~				
Oklahoma	~	~	~	~				
Texas	28	24	~	~				
West	96	86	~	22				
Mountain	21	20	~	~				
Arizona	~	~	~	~				
Colorado	~	~	~	~				
Idaho	~	~	~	~				
Montana	~	~	~	~				
Nevada	~	~	~	~				
New Mexico	~	~	~	~				
Utah	~	~	~	~				
Wyoming	~	~	~	~				
Pacific	75	66	~	18				
Alaska	~	~	~	~				
California	57	50	~	18				
Hawaii	~	~	~	~				
Oregon	~	~	~	~				
Washington	~	~	~	~				

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.18.1: Cancer of the Urinary Bladder. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

	Male				Female			
Area	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	10,281	9,696	343	301	3,968	3,676	192	130
New England	2,801	2,724	41	52	1,075	1,041	21	23
Connecticut	673	643	19	~	272	261	~	~
Maine	291	289	~	~	95	95	~	~
Massachusetts	1,255	1,219	18	-	491	475	~	-
New Hampshire	233	229	~	-	84	80	~	-
Rhode Island	255	250	~	~	86	84	~	~
Vermont	94	94	~	~	47	46	~	~
Middle Atlantic	7,480	6,972	302	~	2,893	2,635	171	~
New Jersey	1,684	1,574	69	81	648	588	39	31
New York	3,151	2,891	137	143	1,219	1,079	93	62
Pennsylvania	2,645	2,507	96	-	1,026	968	39	-
Midwest								
East North Central	7,213	6,764	~	89	2,600	2,359	~	30
Illinois	1,904	1,773	86	-	687	605	66	-
Indiana	861	818	31	~	306	285	18	~
Michigan	1,736	1,634	64	~	593	538	41	~
Detroit	700	639	56	-	260	223	34	-
Ohio	1,895	1,738	78	~	681	608	51	~
Wisconsin	817	801	~	~	333	323	~	~
West North Central								
Iowa	559	548	~	~	181	178	~	~
Kansas	384	366	~	~	152	145	~	~
Minnesota	808	780	~	~	270	262	~	~
Missouri	855	815	36	~	317	288	27	~
Nebraska	298	287	~	~	107	103	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	64	29	29	~	34	~	24	~
Florida	3,638	3,489	98	-	1,168	1,112	43	-
Georgia	902	791	102	~	299	242	55	~
Atlanta	243	208	29	~	97	72	24	~
Maryland								
North Carolina	1,089	992	85	~	356	309	45	~
South Carolina	552	489	55	-	169	136	31	-
Virginia								
West Virginia	372	369	~	~	133	127	~	~
East South Central								
Alabama	560	505	48	~	205	180	23	~
Kentucky	623	595	21	-	214	203	~	-
Mississippi								
Tennessee								

continued

Table E.18.1: Cancer of the Urinary Bladder. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

	Male				Female			
Area	**All Races**	**White**	**Black**	**Hispanic‡§**	**All Races**	**White**	**Black**	**Hispanic‡§**
West South Central	3,453	3,177	~	221	1,185	1,048	~	76
Arkansas	393	370	17	~	150	133	17	~
Louisiana	576	499	73	-	190	149	39	-
Oklahoma	464	445	~	~	159	149	~	~
Texas	2,020	1,863	102	200	686	617	53	70
West	8,680	8,018	185	495	~	2,496	73	168
Mountain	2,636	2,539	30	130	776	759	~	30
Arizona	788	768	~	40	225	222	~	~
Colorado	570	545	~	23	191	188	~	~
Idaho	204	202	~	~	58	58	~	~
Montana	158	144	~	-	54	53	~	-
Nevada	401	378	~	-	117	108	~	-
New Mexico	210	204	~	48	59	59	~	~
Utah	223	218	~	~	55	54	~	~
Wyoming	82	80	~	~	17	17	~	~
Pacific	6,044	5,479	155	365	~	1,737	69	138
Alaska	74	62	~	-	~	~	~	-
California	4,204	3,815	143	348	1,358	1,202	66	131
San Francisco-Oakland	545	457	29	26	185	159	~	~
San Jose-Monterey	270	244	~	24	98	83	~	~
Los Angeles	1,012	866	62	118	318	255	35	44
Hawaii	129	53	~	-	37	~	~	-
Oregon	646	620	~	~	215	210	~	~
Washington	991	929	~	~	320	299	~	~
Seattle-Puget Sound	697	659	~	~	221	207	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Includes invasive and *in situ*
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
\- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.18.2: Cancer of the Urinary Bladder. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	1,937	1,841	83	35	~	~	92	~
New England	552	543	~	~	~	~	~	~
Connecticut	105	103	~	~	50	50	~	~
Maine	61	61	~	~	31	31	~	~
Massachusetts	262	255	~	~	121	115	~	~
New Hampshire	55	55	~	~	16	16	~	~
Rhode Island	48	48	~	~	23	23	~	~
Vermont	21	21	~	~	~	~	~	~
Middle Atlantic	1,385	1,298	~	31	685	594	86	~
New Jersey	278	260	~	~	160	141	17	~
New York	643	598	37	24	299	250	46	~
Pennsylvania	464	440	24	~	226	203	23	~
Midwest	2,070	1,968	92	~	914	831	79	~
East North Central	1,479	1,399	76	~	663	589	71	~
Illinois	339	317	21	~	181	150	30	~
Indiana	188	181	~	~	74	67	~	~
Michigan	342	325	~	~	130	118	~	~
Ohio	419	390	29	~	183	162	21	~
Wisconsin	191	186	~	~	95	92	~	~
West North Central	591	569	16	~	251	242	~	~
Iowa	79	79	~	~	46	46	~	~
Kansas	102	97	~	~	34	33	~	~
Minnesota	147	143	~	~	51	51	~	~
Missouri	160	149	~	~	82	75	~	~
Nebraska	51	51	~	~	23	22	~	~
North Dakota	27	26	~	~	~	~	~	~
South Dakota	25	24	~	~	~	~	~	~
South	2,672	2,430	231	96	1,302	1,066	229	50
South Atlantic	1,543	1,403	137	50	736	593	140	29
Delaware	24	22	~	~	~	~	~	~
District of Columbia	~	~	~	~	~	~	~	~
Florida	656	632	24	50	247	216	31	26
Georgia	167	134	32	~	106	76	30	~
Maryland	146	132	~	~	81	63	16	~
North Carolina	191	161	30	~	95	77	17	~
South Carolina	119	107	~	~	41	27	~	~
Virginia	171	154	16	~	101	81	20	~
West Virginia	58	58	~	~	47	46	~	~
East South Central	441	400	40	~	224	184	36	~
Alabama	108	94	~	~	47	37	~	~
Kentucky	114	107	~	~	56	52	~	~
Mississippi	51	43	~	~	31	25	~	~
Tennessee	168	156	~	~	90	70	18	~
West South Central	688	627	54	45	342	289	53	20
Arkansas	80	74	~	~	36	33	~	~

continued

Table E.18.2: Cancer of the Urinary Bladder. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	104	81	22	~	53	32	21	~
Oklahoma	109	106	~	~	50	47	~	~
Texas	395	366	24	42	203	177	26	20
West	1,664	1,541	41	77	729	663	30	43
Mountain	~	~	~	25	216	208	~	~
Arizona	157	154	~	~	64	59	~	~
Colorado	85	80	~	~	48	47	~	~
Idaho	40	39	~	~	24	24	~	~
Montana	40	40	~	~	~	~	~	~
Nevada	76	75	~	~	27	26	~	~
New Mexico	44	41	~	~	22	22	~	~
Utah	33	32	~	~	~	~	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	~	1,066	37	52	513	455	28	31
Alaska	~	~	~	~	~	~	~	~
California	815	735	35	51	380	333	25	30
Hawaii	29	~	~	~	~	~	~	~
Oregon	129	128	~	~	47	46	~	~
Washington	192	184	~	~	72	69	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.19.1: Cancer of the Kidney and Renal Pelvis. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

	Male				Female			
Area	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	4,676	4,151	366	216	2,967	2,637	236	146
New England	1,198	1,130	41	42	778	739	28	30
Connecticut	304	279	16	18	198	184	~	~
Maine	137	136	~	~	76	76	~	~
Massachusetts	538	502	21	-	362	341	~	-
New Hampshire	68	68	~	-	55	55	~	-
Rhode Island	115	110	~	~	54	50	~	~
Vermont	36	35	~	~	33	33	~	~
Middle Atlantic	3,478	3,021	325	~	2,189	1,898	208	~
New Jersey	739	655	63	52	469	399	53	28
New York	1,532	1,304	141	102	953	797	105	73
Pennsylvania	1,207	1,062	121	-	767	702	50	-
Midwest								
East North Central	3,529	3,082	384	89	2,424	2,109	~	57
Illinois	1,004	853	128	-	670	560	96	-
Indiana	524	489	30	~	361	333	26	~
Michigan	740	612	119	17	490	404	77	~
Detroit	336	240	91	-	220	157	62	-
Ohio	809	706	84	~	619	545	60	~
Wisconsin	452	422	23	~	284	267	~	~
West North Central								
Iowa	235	233	~	~	163	161	~	~
Kansas	220	209	~	~	170	160	~	~
Minnesota	407	375	~	~	225	207	~	~
Missouri	480	438	38	~	288	267	17	~
Nebraska	129	121	~	~	99	96	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	42	~	27	~	28	~	21	~
Florida	1,582	1,432	122	-	886	804	72	-
Georgia	513	382	125	~	336	239	92	~
Atlanta	165	109	52	~	76	50	24	~
Maryland								
North Carolina	613	500	101	~	377	294	79	~
South Carolina	311	223	77	-	200	145	54	-
Virginia								
West Virginia	170	167	~	~	120	113	~	~
East South Central								
Alabama	328	262	62	~	212	164	46	~
Kentucky	399	376	22	-	234	214	18	-
Mississippi								
Tennessee								

continued

Table E.19.1: Cancer of the Kidney and Renal Pelvis. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

	Male				Female			
Area	**All Races**	**White**	**Black**	**Hispanic‡§**	**All Races**	**White**	**Black**	**Hispanic‡§**
West South Central	2,397	2,060	287	354	1,598	1,348	~	251
Arkansas	220	191	28	~	147	130	16	~
Louisiana	413	314	99	-	265	197	67	-
Oklahoma	262	226	17	~	171	150	~	~
Texas	1,502	1,329	143	343	1,015	871	122	242
West	4,107	3,628	200	558	~	~	106	375
Mountain	1,326	1,231	31	166	793	753	~	81
Arizona	406	367	~	68	262	244	~	34
Colorado	274	261	~	31	181	177	~	17
Idaho	97	94	~	~	55	55	~	~
Montana	73	68	~	-	37	36	~	-
Nevada	187	166	~	-	86	81	~	-
New Mexico	144	133	~	43	62	52	~	21
Utah	110	108	~	~	83	81	~	~
Wyoming	35	34	~	~	27	27	~	~
Pacific	2,781	2,397	169	392	~	~	97	294
Alaska	43	32	~	-	~	~	~	-
California	1,953	1,696	140	370	1,176	1,001	86	279
San Francisco-Oakland	232	176	22	30	146	104	17	17
San Jose-Monterey	109	100	~	24	80	68	~	30
Los Angeles	550	441	75	151	347	274	47	97
Hawaii	76	27	~	-	43	19	~	-
Oregon	252	229	~	~	147	142	~	~
Washington	457	413	~	~	274	248	~	~
Seattle-Puget Sound	333	298	~	~	182	159	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
\- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.19.2: Cancer of the Kidney and Renal Pelvis. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	~	~	105	34	~	~	66	31
New England	~	~	~	~	~	~	~	~
Connecticut	99	91	~	~	46	44	~	~
Maine	41	40	~	~	22	22	~	~
Massachusetts	165	157	~	~	111	106	~	~
New Hampshire	24	24	~	~	19	19	~	~
Rhode Island	30	29	~	~	24	24	~	~
Vermont	~	~	~	~	~	~	~	~
Middle Atlantic	1,011	907	91	33	693	627	~	29
New Jersey	218	193	21	~	146	135	~	~
New York	419	373	38	19	302	266	33	22
Pennsylvania	374	341	32	~	245	226	17	~
Midwest	1,975	1,814	147	34	1,192	1,094	84	~
East North Central	1,369	1,245	~	28	835	761	71	~
Illinois	336	295	39	~	229	194	32	~
Indiana	200	183	16	~	128	122	~	~
Michigan	297	267	29	~	173	158	~	~
Ohio	379	345	33	~	222	204	18	~
Wisconsin	157	155	~	~	83	83	~	~
West North Central	606	569	29	~	357	333	~	~
Iowa	122	121	~	~	58	56	~	~
Kansas	88	83	~	~	55	50	~	~
Minnesota	119	115	~	~	82	77	~	~
Missouri	183	162	17	~	107	98	~	~
Nebraska	46	41	~	~	26	24	~	~
North Dakota	21	21	~	~	~	~	~	~
South Dakota	27	26	~	~	~	~	~	~
South	2,735	2,354	356	188	1,632	1,361	249	72
South Atlantic	1,393	1,192	198	63	764	637	120	~
Delaware	24	22	~	~	17	~	~	~
District of Columbia	~	~	~	~	~	~	~	~
Florida	486	463	22	59	233	215	18	~
Georgia	144	113	31	~	98	76	19	~
Maryland	147	120	25	~	79	62	~	~
North Carolina	246	201	45	~	133	111	22	~
South Carolina	101	79	22	~	63	46	17	~
Virginia	176	138	38	~	92	73	18	~
West Virginia	55	54	~	~	38	38	~	~
East South Central	476	408	66	~	305	255	47	~
Alabama	105	90	~	~	68	51	16	~
Kentucky	128	121	~	~	94	88	~	~
Mississippi	86	60	25	~	52	43	~	~
Tennessee	157	137	20	~	91	73	17	~
West South Central	866	754	92	124	563	469	82	57
Arkansas	65	57	~	~	57	54	~	~

continued

Table E.19.2: Cancer of the Kidney and Renal Pelvis. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	143	106	36	~	95	75	20	~
Oklahoma	111	92	~	~	75	64	~	~
Texas	547	499	42	120	336	276	56	56
West	1,430	1,265	70	170	809	722	36	102
Mountain	~	~	~	56	233	214	~	24
Arizona	140	126	~	20	82	72	~	~
Colorado	91	90	~	~	47	45	~	~
Idaho	34	32	~	~	23	23	~	~
Montana	29	28	~	~	~	~	~	~
Nevada	47	42	~	~	23	21	~	~
New Mexico	53	48	~	~	20	16	~	~
Utah	23	23	~	~	~	~	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	~	865	64	114	576	508	29	78
Alaska	~	~	~	~	~	~	~	~
California	716	613	53	111	434	382	27	75
Hawaii	21	~	~	~	~	~	~	~
Oregon	90	87	~	~	44	43	~	~
Washington	165	156	~	~	81	78	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.20.1: Cancer of the Brain and Other Nervous System. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

	Male				Female			
Area	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	1,972	1,777	115	122	1,740	1,544	131	121
New England	539	514	~	21	452	428	~	18
Connecticut	132	123	~	~	127	120	~	~
Maine	48	47	~	~	36	35	~	~
Massachusetts	248	233	~	-	205	190	~	-
New Hampshire	52	52	~	-	39	39	~	-
Rhode Island	33	33	~	~	24	23	~	~
Vermont	26	26	~	~	21	21	~	~
Middle Atlantic	1,433	1,263	104	~	1,288	1,116	118	~
New Jersey	299	259	24	29	253	221	21	26
New York	658	563	58	62	630	515	78	68
Pennsylvania	476	441	22	-	405	380	19	-
Midwest								
East North Central	1,683	1,545	98	59	1,328	1,225	82	34
Illinois	422	381	28	-	335	311	16	-
Indiana	225	208	~	~	184	175	~	~
Michigan	389	355	27	~	274	243	25	~
Detroit	147	123	21	-	111	92	18	-
Ohio	418	384	24	~	369	335	31	~
Wisconsin	229	217	~	~	166	161	~	~
West North Central								
Iowa	131	126	~	~	102	102	~	~
Kansas	105	96	~	~	87	85	~	~
Minnesota	193	187	~	~	138	136	~	~
Missouri	200	186	~	~	172	161	~	~
Nebraska	69	66	~	~	55	54	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	20	~	~	~	16	~	~	~
Florida	649	591	43	-	536	489	36	-
Georgia	263	220	38	~	205	167	37	~
Atlanta	79	66	~	~	54	43	~	~
Maryland								
North Carolina	256	222	29	~	248	220	22	~
South Carolina	122	102	17	-	106	87	17	-
Virginia								
West Virginia	73	72	~	~	61	60	~	~
East South Central								
Alabama	153	133	19	~	133	114	18	~
Kentucky	130	128	~	-	118	107	~	-
Mississippi								
Tennessee								

continued

Table E.20.1: Cancer of the Brain and Other Nervous System. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	1,034	934	68	152	855	740	80	127
Arkansas	71	67	~	~	75	66	~	~
Louisiana	126	107	16	-	104	75	28	-
Oklahoma	137	123	~	~	99	86	~	~
Texas	700	637	41	146	577	513	38	120
West	2,099	1,899	52	315	1,593	1,434	53	243
Mountain	653	614	~	81	~	~	~	54
Arizona	167	155	~	32	146	139	~	20
Colorado	172	161	~	~	126	124	~	~
Idaho	57	55	~	~	28	28	~	~
Montana	33	33	~	-	24	23	~	-
Nevada	73	64	~	-	41	36	~	-
New Mexico	51	48	~	18	34	30	~	~
Utah	75	73	~	~	54	53	~	~
Wyoming	25	25	~	~	~	~	~	~
Pacific	1,446	1,285	39	234	~	992	45	189
Alaska	21	21	~	-	~	~	~	-
California	1,014	898	34	217	814	713	39	181
San Francisco-Oakland	133	104	~	~	94	72	~	~
San Jose-Monterey	82	65	~	~	50	42	~	~
Los Angeles	239	211	~	85	222	189	22	73
Hawaii	41	18	~	-	25	~	~	-
Oregon	138	135	~	~	107	101	~	~
Washington	232	213	~	~	175	156	~	~
Seattle-Puget Sound	156	144	~	~	131	115	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.20.2: Cancer of the Brain and Other Nervous System. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	1,227	1,162	48	33	1,042	973	58	29
New England	354	346	~	~	266	261	~	~
Connecticut	71	69	~	~	80	77	~	~
Maine	38	38	~	~	31	31	~	~
Massachusetts	153	148	~	~	114	113	~	~
New Hampshire	45	45	~	~	18	18	~	~
Rhode Island	31	30	~	~	~	~	~	~
Vermont	16	16	~	~	~	~	~	~
Middle Atlantic	873	816	43	32	776	712	56	27
New Jersey	182	169	~	~	144	132	~	~
New York	372	336	28	21	337	300	34	20
Pennsylvania	319	311	~	~	295	280	~	~
Midwest	1,715	1,626	75	22	1,383	1,308	68	17
East North Central	1,180	1,105	67	20	934	869	58	~
Illinois	309	282	25	~	244	216	24	~
Indiana	153	146	~	~	138	131	~	~
Michigan	273	256	~	~	205	190	~	~
Ohio	293	277	16	~	237	224	~	~
Wisconsin	152	144	~	~	110	108	~	~
West North Central	535	521	~	~	449	439	~	~
Iowa	90	88	~	~	73	72	~	~
Kansas	73	69	~	~	68	67	~	~
Minnesota	150	148	~	~	99	98	~	~
Missouri	134	130	~	~	131	125	~	~
Nebraska	42	41	~	~	44	43	~	~
North Dakota	23	22	~	~	18	18	~	~
South Dakota	23	23	~	~	16	16	~	~
South	2,577	2,322	223	135	2,018	1,798	197	116
South Atlantic	1,358	1,219	119	55	1,020	899	106	49
Delaware	27	24	~	~	19	19	~	~
District of Columbia	~	~	~	~	~	~	~	~
Florida	513	486	23	46	389	361	24	40
Georgia	168	152	~	~	117	100	17	~
Maryland	136	110	21	~	86	68	~	~
North Carolina	181	160	17	~	165	146	17	~
South Carolina	84	70	~	~	76	59	17	~
Virginia	178	154	18	~	122	106	~	~
West Virginia	57	57	~	~	38	36	~	~
East South Central	468	425	41	~	379	342	35	~
Alabama	104	94	~	~	99	89	~	~
Kentucky	116	114	~	~	87	80	~	~
Mississippi	85	69	16	~	58	45	~	~
Tennessee	163	148	~	~	135	128	~	~
West South Central	751	678	63	79	619	557	56	65
Arkansas	64	62	~	~	76	70	~	~

continued

Table E.20.2: Cancer of the Brain and Other Nervous System. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	100	82	18	~	99	73	26	~
Oklahoma	95	86	~	~	69	63	~	~
Texas	492	448	40	76	375	351	20	61
West	1,496	1,388	36	145	1,151	1,061	36	120
Mountain	~	~	~	41	~	~	~	21
Arizona	107	105	~	~	111	107	~	~
Colorado	101	100	~	~	71	69	~	~
Idaho	40	40	~	~	23	23	~	~
Montana	24	23	~	~	16	16	~	~
Nevada	47	45	~	~	24	20	~	~
New Mexico	43	43	~	~	28	25	~	~
Utah	44	44	~	~	28	28	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	~	973	34	104	846	769	30	99
Alaska	~	~	~	~	~	~	~	~
California	754	677	31	97	607	547	28	93
Hawaii	23	~	~	~	~	~	~	~
Oregon	98	97	~	~	76	74	~	~
Washington	187	178	~	~	144	136	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.21.1: Cancer of the Thyroid. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	~	~	65	68	4,089	3,496	287	294
New England	~	~	~	~	940	849	32	49
Connecticut	83	80	~	~	245	224	~	20
Maine	21	21	~	~	79	79	~	~
Massachusetts	125	112	~	-	448	382	20	-
New Hampshire	24	24	~	-	64	62	~	-
Rhode Island	20	18	~	~	78	76	~	~
Vermont	~	~	~	~	26	26	~	~
Middle Atlantic	915	778	~	53	3,149	2,647	255	~
New Jersey	184	151	~	~	661	551	53	76
New York	408	334	31	34	1,356	1,078	119	148
Pennsylvania	323	293	18	-	1,132	1,018	83	-
Midwest								
East North Central	803	721	52	24	2,376	2,134	147	82
Illinois	228	202	~	-	670	574	65	-
Indiana	92	87	~	~	291	276	~	~
Michigan	192	165	21	~	574	518	35	~
Detroit	90	71	16	-	237	201	29	-
Ohio	181	164	~	~	563	502	33	~
Wisconsin	110	103	~	~	278	264	~	~
West North Central								
Iowa	57	56	~	~	175	165	~	~
Kansas	56	49	~	~	152	140	~	~
Minnesota	86	79	~	~	281	256	~	~
Missouri	85	77	~	~	281	261	~	~
Nebraska	45	41	~	~	87	84	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	17	~	~	~	34	~	19	~
Florida	326	300	17	-	965	853	88	-
Georgia	126	107	~	~	369	282	74	20
Atlanta	53	43	~	~	140	104	30	~
Maryland								
North Carolina	119	99	~	~	349	277	61	~
South Carolina	57	48	~	-	183	143	35	-
Virginia								
West Virginia	41	41	~	~	109	101	~	~
East South Central								
Alabama	49	40	~	~	185	142	40	~
Kentucky	72	72	~	-	223	213	~	-
Mississippi								
Tennessee								

continued

Table E.21.1: Cancer of the Thyroid. Invasive Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	511	448	40	84	1,415	1,203	127	276
Arkansas	38	34	~	~	90	78	~	~
Louisiana	62	49	~	-	223	166	53	-
Oklahoma	51	45	~	~	125	113	~	~
Texas	360	320	22	82	977	846	60	261
West	1,166	1,001	31	164	3,682	3,100	89	628
Mountain	~	~	~	49	1,273	1,197	~	163
Arizona	96	90	~	~	322	303	~	58
Colorado	92	85	~	16	296	274	~	28
Idaho	30	29	~	~	90	88	~	~
Montana	20	20	~	-	77	72	~	-
Nevada	49	43	~	-	172	155	~	-
New Mexico	40	38	~	~	148	141	~	52
Utah	37	35	~	~	140	137	~	~
Wyoming	~	~	~	~	28	27	~	~
Pacific	~	651	27	115	2,409	1,903	75	465
Alaska	~	~	~	-	35	27	~	-
California	564	466	22	107	1,702	1,371	69	427
San Francisco-Oakland	61	45	~	~	190	120	~	21
San Jose-Monterey	36	25	~	~	109	79	~	19
Los Angeles	189	150	~	46	551	441	29	183
Hawaii	26	~	~	-	108	17	~	-
Oregon	61	57	~	~	186	168	~	~
Washington	131	114	~	~	378	320	~	23
Seattle-Puget Sound	89	80	~	~	254	216	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
\- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.21.2: Cancer of the Thyroid. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	123	112	~	~	166	145	18	~
New England	33	30	~	~	33	33	~	~
Connecticut	~	~	~	~	~	~	~	~
Maine	~	~	~	~	~	~	~	~
Massachusetts	18	16	~	~	~	~	~	~
New Hampshire	~	~	~	~	~	~	~	~
Rhode Island	~	~	~	~	~	~	~	~
Vermont	~	~	~	~	~	~	~	~
Middle Atlantic	90	82	~	~	133	112	18	~
New Jersey	26	24	~	~	29	26	~	~
New York	35	32	~	~	63	47	~	~
Pennsylvania	29	26	~	~	41	39	~	~
Midwest	128	120	~	~	174	159	~	~
East North Central	78	72	~	~	~	108	~	~
Illinois	~	~	~	~	39	33	~	~
Indiana	~	~	~	~	16	~	~	~
Michigan	16	~	~	~	25	24	~	~
Ohio	24	21	~	~	27	24	~	~
Wisconsin	~	~	~	~	~	~	~	~
West North Central	50	48	~	~	52	51	~	~
Iowa	~	~	~	~	~	~	~	~
Kansas	~	~	~	~	~	~	~	~
Minnesota	~	~	~	~	~	~	~	~
Missouri	~	~	~	~	~	~	~	~
Nebraska	~	~	~	~	~	~	~	~
North Dakota	~	~	~	~	~	~	~	~
South Dakota	~	~	~	~	~	~	~	~
South	206	179	24	~	275	218	52	21
South Atlantic	103	89	~	~	144	116	24	~
Delaware	~	~	~	~	~	~	~	~
District of Columbia	~	~	~	~	~	~	~	~
Florida	39	37	~	~	60	54	~	~
Georgia	~	~	~	~	19	~	~	~
Maryland	~	~	~	~	~	~	~	~
North Carolina	17	16	~	~	~	~	~	~
South Carolina	~	~	~	~	~	~	~	~
Virginia	~	~	~	~	19	~	~	~
West Virginia	~	~	~	~	~	~	~	~
East South Central	32	29	~	~	45	36	~	~
Alabama	~	~	~	~	~	~	~	~
Kentucky	~	~	~	~	~	~	~	~
Mississippi	~	~	~	~	~	~	~	~
Tennessee	~	~	~	~	16	~	~	~
West South Central	71	61	~	~	86	66	19	~
Arkansas	~	~	~	~	~	~	~	~

continued

Table E.21.2: Cancer of the Thyroid. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	~	~	~	~	19	~	~	~
Oklahoma	~	~	~	~	~	~	~	~
Texas	40	37	~	~	47	40	~	~
West	111	99	~	18	171	143	~	30
Mountain	34	32	~	~	42	37	~	~
Arizona	~	~	~	~	~	~	~	~
Colorado	~	~	~	~	~	~	~	~
Idaho	~	~	~	~	~	~	~	~
Montana	~	~	~	~	~	~	~	~
Nevada	~	~	~	~	~	~	~	~
New Mexico	~	~	~	~	~	~	~	~
Utah	~	~	~	~	~	~	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	77	67	~	~	129	106	~	24
Alaska	~	~	~	~	~	~	~	~
California	60	52	~	~	93	74	~	21
Hawaii	~	~	~	~	~	~	~	~
Oregon	~	~	~	~	~	~	~	~
Washington	~	~	~	~	19	18	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.22.1: Hodgkin Lymphoma. Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	~	~	94	94	816	719	60	54
New England	~	~	~	~	196	181	~	~
Connecticut	62	57	~	~	46	41	~	~
Maine	19	19	~	~	18	18	~	~
Massachusetts	113	106	~	-	92	87	~	-
New Hampshire	17	17	~	-	16	~	~	-
Rhode Island	20	19	~	~	~	~	~	~
Vermont	~	~	~	~	~	~	~	~
Middle Atlantic	703	594	84	~	620	538	51	49
New Jersey	154	135	~	25	141	122	~	~
New York	325	255	55	49	288	238	26	38
Pennsylvania	224	204	~	-	191	178	~	-
Midwest								
East North Central	675	592	63	25	630	553	59	24
Illinois	195	157	28	-	159	136	16	-
Indiana	96	92	~	~	95	89	~	~
Michigan	147	124	21	~	129	110	~	~
Detroit	67	54	~	-	55	40	~	-
Ohio	166	152	~	~	156	134	18	~
Wisconsin	71	67	~	~	91	84	~	~
West North Central								
Iowa	35	33	~	~	23	21	~	~
Kansas	32	30	~	~	24	23	~	~
Minnesota	75	66	~	~	59	54	~	~
Missouri	80	71	~	~	55	52	~	~
Nebraska	22	19	~	~	27	22	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	~	~	~	~	~	~	~	~
Florida	260	230	24	-	176	158	~	-
Georgia	115	79	34	~	103	68	33	~
Atlanta	47	28	17	~	40	22	~	~
Maryland								
North Carolina	116	90	23	~	92	69	21	~
South Carolina	53	34	19	-	48	34	~	-
Virginia								
West Virginia	28	28	~	~	26	26	~	~
East South Central								
Alabama	51	43	~	~	48	40	~	~
Kentucky	76	69	~	-	58	56	~	-
Mississippi								
Tennessee								

continued

Table E.22.1: Hodgkin Lymphoma. Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	387	331	44	71	319	268	42	48
Arkansas	33	25	~	~	41	33	~	~
Louisiana	66	52	~	-	59	50	~	-
Oklahoma	56	49	~	~	34	31	~	~
Texas	232	205	19	69	185	154	26	43
West	858	762	42	163	696	623	27	106
Mountain	239	226	~	33	211	198	~	27
Arizona	69	65	~	~	53	50	~	~
Colorado	62	61	~	~	60	57	~	~
Idaho	25	25	~	~	24	24	~	~
Montana	~	~	~	-	~	~	~	-
Nevada	28	22	~	-	31	25	~	-
New Mexico	18	17	~	~	~	~	~	~
Utah	20	19	~	~	~	~	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	619	536	37	130	485	425	21	79
Alaska	~	~	~	-	~	~	~	-
California	469	406	32	121	357	310	19	77
San Francisco-Oakland	62	51	~	~	46	35	~	~
San Jose-Monterey	34	30	~	~	30	27	~	~
Los Angeles	143	119	~	51	113	96	~	33
Hawaii	~	~	~	-	~	~	~	-
Oregon	40	37	~	~	33	29	~	~
Washington	92	84	~	~	85	82	~	~
Seattle-Puget Sound	61	56	~	~	57	54	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.22.2: Hodgkin Lymphoma. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	162	146	16	~	144	131	~	~
New England	45	39	~	~	34	33	~	~
Connecticut	~	~	~	~	~	~	~	~
Maine	~	~	~	~	~	~	~	~
Massachusetts	20	17	~	~	21	21	~	~
New Hampshire	~	~	~	~	~	~	~	~
Rhode Island	~	~	~	~	~	~	~	~
Vermont	~	~	~	~	~	~	~	~
Middle Atlantic	117	107	~	~	110	98	~	~
New Jersey	19	18	~	~	24	23	~	~
New York	55	48	~	~	48	41	~	~
Pennsylvania	43	41	~	~	38	34	~	~
Midwest	170	158	~	~	141	126	~	~
East North Central	107	96	~	~	~	~	~	~
Illinois	31	30	~	~	23	18	~	~
Indiana	~	~	~	~	17	16	~	~
Michigan	23	19	~	~	20	17	~	~
Ohio	33	29	~	~	28	26	~	~
Wisconsin	~	~	~	~	~	~	~	~
West North Central	63	62	~	~	40	36	~	~
Iowa	~	~	~	~	~	~	~	~
Kansas	~	~	~	~	~	~	~	~
Minnesota	19	19	~	~	~	~	~	~
Missouri	20	19	~	~	~	~	~	~
Nebraska	~	~	~	~	~	~	~	~
North Dakota	~	~	~	~	~	~	~	~
South Dakota	~	~	~	~	~	~	~	~
South	241	203	36	27	194	162	31	~
South Atlantic	123	98	23	~	98	85	~	~
Delaware	~	~	~	~	~	~	~	~
District of Columbia	~	~	~	~	~	~	~	~
Florida	44	42	~	~	30	28	~	~
Georgia	~	~	~	~	~	~	~	~
Maryland	~	~	~	~	~	~	~	~
North Carolina	~	~	~	~	18	~	~	~
South Carolina	~	~	~	~	~	~	~	~
Virginia	20	17	~	~	~	~	~	~
West Virginia	~	~	~	~	~	~	~	~
East South Central	49	42	~	~	31	27	~	~
Alabama	~	~	~	~	~	~	~	~
Kentucky	17	17	~	~	~	~	~	~
Mississippi	~	~	~	~	~	~	~	~
Tennessee	~	~	~	~	~	~	~	~
West South Central	69	63	~	18	65	50	~	~
Arkansas	~	~	~	~	~	~	~	~

continued

Table E.22.2: Hodgkin Lymphoma. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	~	~	~	~	~	~	~	~
Oklahoma	~	~	~	~	~	~	~	~
Texas	47	42	~	18	36	29	~	~
West	152	137	~	25	119	107	~	~
Mountain	36	34	~	~	36	34	~	~
Arizona	~	~	~	~	~	~	~	~
Colorado	~	~	~	~	~	~	~	~
Idaho	~	~	~	~	~	~	~	~
Montana	~	~	~	~	~	~	~	~
Nevada	~	~	~	~	~	~	~	~
New Mexico	~	~	~	~	~	~	~	~
Utah	~	~	~	~	~	~	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	116	103	~	22	83	73	~	~
Alaska	~	~	~	~	~	~	~	~
California	87	77	~	21	62	54	~	~
Hawaii	~	~	~	~	~	~	~	~
Oregon	~	~	~	~	~	~	~	~
Washington	16	16	~	~	~	~	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.23.1: Non-Hodgkin Lymphoma. Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	5,934	5,231	464	339	5,403	4,825	373	237
New England	1,515	1,430	53	49	1,365	1,289	36	36
Connecticut	382	361	~	18	336	312	~	~
Maine	150	150	~	~	144	144	~	~
Massachusetts	671	620	32	-	622	581	19	-
New Hampshire	136	134	~	-	106	104	~	-
Rhode Island	122	111	~	~	106	97	~	~
Vermont	54	54	~	~	51	51	~	~
Middle Atlantic	4,419	3,801	411	~	4,038	3,536	337	~
New Jersey	1,025	868	105	75	880	778	69	50
New York	1,928	1,602	210	183	1,761	1,479	187	130
Pennsylvania	1,466	1,331	96	-	1,397	1,279	81	-
Midwest								
East North Central	4,427	4,023	~	93	4,126	3,684	307	94
Illinois	1,137	1,015	88	-	1,115	979	102	-
Indiana	560	531	23	~	536	500	29	~
Michigan	994	871	87	17	887	767	87	~
Detroit	408	336	62	-	369	295	68	-
Ohio	1,193	1,083	79	~	1,097	974	71	~
Wisconsin	543	523	~	~	491	464	18	~
West North Central								
Iowa	297	289	~	~	282	278	~	~
Kansas	273	254	~	~	225	211	~	~
Minnesota	550	515	~	~	501	475	~	~
Missouri	566	519	40	~	530	492	32	~
Nebraska	166	159	~	~	167	160	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	53	20	30	~	35	~	17	~
Florida	1,899	1,720	149	-	1,709	1,553	125	-
Georgia	566	441	115	~	551	433	108	~
Atlanta	214	150	60	~	191	135	47	~
Maryland								
North Carolina	684	592	81	~	583	495	80	~
South Carolina	347	290	52	-	302	247	53	-
Virginia								
West Virginia	208	207	~	~	175	173	~	~
East South Central								
Alabama	373	320	49	~	355	303	49	~
Kentucky	349	320	23	-	401	377	16	-
Mississippi								
Tennessee								

continued

Table E.23.1: Non-Hodgkin Lymphoma. Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	2,576	2,286	211	306	2,298	2,038	~	280
Arkansas	261	241	~	~	215	192	20	~
Louisiana	426	352	73	-	360	281	75	-
Oklahoma	340	309	~	~	305	279	~	~
Texas	1,549	1,384	108	286	1,418	1,286	95	261
West	5,710	4,993	198	689	4,756	4,214	125	542
Mountain	1,546	1,462	19	142	1,310	1,251	~	109
Arizona	430	411	~	51	378	365	~	37
Colorado	376	354	~	32	326	305	~	30
Idaho	118	116	~	~	115	113	~	~
Montana	109	100	~	-	72	67	~	-
Nevada	164	151	~	-	130	125	~	-
New Mexico	128	114	~	31	119	110	~	24
Utah	187	182	~	~	128	126	~	~
Wyoming	34	34	~	~	42	40	~	~
Pacific	4,164	3,531	179	547	3,446	2,963	110	433
Alaska	52	40	~	-	29	24	~	-
California	2,984	2,513	159	515	2,461	2,112	99	404
San Francisco-Oakland	496	374	38	49	364	275	27	39
San Jose-Monterey	204	169	~	30	195	167	~	32
Los Angeles	799	639	64	190	646	513	43	165
Hawaii	111	36	~	-	88	20	~	-
Oregon	365	342	~	~	328	316	~	~
Washington	652	600	~	18	540	491	~	18
Seattle-Puget Sound	453	423	~	~	378	341	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.23.2: Non-Hodgkin Lymphoma. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	2,388	2,207	151	81	2,293	2,141	128	63
New England	599	586	~	~	652	629	16	~
Connecticut	152	146	~	~	166	160	~	~
Maine	55	55	~	~	69	69	~	~
Massachusetts	266	261	~	~	298	283	~	~
New Hampshire	44	44	~	~	37	37	~	~
Rhode Island	55	54	~	~	58	56	~	~
Vermont	27	26	~	~	24	24	~	~
Middle Atlantic	1,789	1,621	141	~	1,641	1,512	~	~
New Jersey	370	333	28	20	360	327	24	17
New York	785	693	78	50	659	577	74	34
Pennsylvania	634	595	35	~	622	608	~	~
Midwest	2,919	2,740	156	49	2,761	2,599	136	18
East North Central	2,019	1,872	128	38	1,872	1,738	120	~
Illinois	516	472	38	26	471	430	37	~
Indiana	262	252	~	~	282	269	~	~
Michigan	451	403	41	~	397	363	31	~
Ohio	541	506	32	~	529	492	35	~
Wisconsin	249	239	~	~	193	184	~	~
West North Central	900	868	28	~	889	861	16	~
Iowa	140	139	~	~	142	140	~	~
Kansas	143	140	~	~	124	121	~	~
Minnesota	219	213	~	~	216	213	~	~
Missouri	259	239	20	~	268	255	~	~
Nebraska	67	65	~	~	68	65	~	~
North Dakota	31	31	~	~	30	28	~	~
South Dakota	41	41	~	~	41	39	~	~
South	4,020	3,564	422	213	3,583	3,188	368	183
South Atlantic	2,140	1,881	241	80	1,906	1,674	217	72
Delaware	42	40	~	~	36	30	~	~
District of Columbia	21	~	16	~	19	~	~	~
Florida	835	780	50	72	653	606	45	64
Georgia	233	187	43	~	237	190	44	~
Maryland	186	147	35	~	189	165	21	~
North Carolina	324	284	38	~	285	247	34	~
South Carolina	135	111	24	~	166	138	27	~
Virginia	268	233	31	~	232	201	29	~
West Virginia	96	94	~	~	89	86	~	~
East South Central	698	627	69	~	633	576	57	~
Alabama	174	150	24	~	171	153	18	~
Kentucky	175	163	~	~	153	149	~	~
Mississippi	97	77	20	~	81	64	17	~
Tennessee	252	237	~	~	228	210	18	~
West South Central	1,182	1,056	112	130	1,044	938	94	107
Arkansas	132	123	~	~	113	102	~	~

continued

Table E.23.2: Non-Hodgkin Lymphoma. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	177	139	36	~	156	128	25	~
Oklahoma	156	143	~	~	153	139	~	~
Texas	717	651	59	125	622	569	49	106
West	2,383	2,131	75	236	~	1,765	60	165
Mountain	~	~	~	60	555	520	~	42
Arizona	216	208	~	22	178	166	~	~
Colorado	149	142	~	~	126	119	~	~
Idaho	49	48	~	~	49	47	~	~
Montana	55	52	~	~	30	30	~	~
Nevada	84	76	~	~	50	45	~	~
New Mexico	76	69	~	~	54	48	~	16
Utah	84	83	~	~	51	48	~	~
Wyoming	~	~	~	~	17	17	~	~
Pacific	~	1,440	61	176	~	1,245	46	123
Alaska	~	~	~	~	~	~	~	~
California	1,167	1,012	53	160	985	866	41	119
Hawaii	49	~	~	~	27	~	~	~
Oregon	166	161	~	~	168	163	~	~
Washington	259	242	~	~	213	198	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.24.1: Multiple Myeloma. Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	~	~	238	86	~	~	263	77
New England	~	~	24	~	~	~	25	~
Connecticut	92	85	~	~	93	81	~	~
Maine	47	45	~	~	33	33	~	~
Massachusetts	198	177	~	-	146	130	~	-
New Hampshire	39	38	~	-	28	27	~	-
Rhode Island	36	32	~	~	25	24	~	~
Vermont	~	~	~	~	~	~	~	~
Middle Atlantic	1,253	996	214	~	1,125	861	238	~
New Jersey	266	206	52	20	278	227	42	20
New York	576	436	111	56	487	333	140	39
Pennsylvania	411	354	51	-	360	301	56	-
Midwest								
East North Central	1,256	1,022	~	35	1,136	888	~	18
Illinois	320	249	61	-	332	239	83	-
Indiana	179	147	30	~	147	123	19	~
Michigan	279	214	57	~	265	202	52	~
Detroit	133	84	47	-	128	80	46	-
Ohio	293	240	47	~	276	220	50	~
Wisconsin	185	172	~	~	116	104	~	~
West North Central								
Iowa	97	93	~	~	93	89	~	~
Kansas	71	66	~	~	54	49	~	~
Minnesota	145	133	~	~	122	114	~	~
Missouri	143	121	21	~	120	103	17	~
Nebraska	57	51	~	~	37	33	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	29	~	26	~	26	~	22	~
Florida	567	491	68	-	436	355	74	-
Georgia	213	143	66	~	182	93	87	~
Atlanta	61	30	29	~	54	23	30	~
Maryland								
North Carolina	225	142	79	~	193	133	60	~
South Carolina	106	68	35	-	113	60	52	-
Virginia								
West Virginia	61	57	~	~	51	50	~	~
East South Central								
Alabama	130	88	41	~	115	70	45	~
Kentucky	115	101	~	-	94	85	~	-
Mississippi								
Tennessee								

continued

Table E.24.1: Multiple Myeloma. Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	761	582	166	91	670	527	127	81
Arkansas	68	57	~	~	46	39	~	~
Louisiana	139	73	65	-	119	74	43	-
Oklahoma	83	72	~	~	81	70	~	~
Texas	471	380	82	89	424	344	73	77
West	1,495	1,264	113	172	1,212	1,008	96	151
Mountain	~	~	18	45	~	~	~	27
Arizona	120	109	~	17	80	76	~	~
Colorado	120	104	~	~	82	72	~	~
Idaho	38	37	~	~	30	30	~	~
Montana	30	27	~	-	20	20	~	-
Nevada	51	47	~	-	35	30	~	-
New Mexico	41	37	~	~	30	27	~	~
Utah	53	53	~	~	34	33	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	~	839	95	127	893	713	86	124
Alaska	~	~	~	-	~	~	~	-
California	710	567	86	118	657	516	79	120
San Francisco-Oakland	101	70	18	~	94	62	18	~
San Jose-Monterey	49	44	~	~	42	36	~	~
Los Angeles	191	132	38	34	200	144	34	50
Hawaii	31	~	~	-	~	~	~	-
Oregon	115	106	~	~	76	72	~	~
Washington	166	151	~	~	139	119	~	~
Seattle-Puget Sound	113	104	~	~	99	86	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
\- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.24.2: Multiple Myeloma. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	~	~	124	44	1,070	888	170	32
New England	~	~	~	~	271	257	~	~
Connecticut	64	60	~	~	67	60	~	~
Maine	30	30	~	~	34	34	~	~
Massachusetts	124	120	~	~	128	121	~	~
New Hampshire	29	29	~	~	~	~	~	~
Rhode Island	23	20	~	~	16	16	~	~
Vermont	~	~	~	~	~	~	~	~
Middle Atlantic	791	662	113	41	799	631	156	28
New Jersey	184	151	30	~	188	153	35	~
New York	331	266	54	27	323	227	86	20
Pennsylvania	276	245	29	~	288	251	35	~
Midwest	1,268	1,079	181	20	1,298	1,096	196	~
East North Central	887	729	~	18	879	704	~	~
Illinois	222	178	42	~	247	189	56	~
Indiana	133	108	25	~	119	99	20	~
Michigan	234	189	43	~	190	152	38	~
Ohio	212	169	42	~	232	183	48	~
Wisconsin	86	85	~	~	91	81	~	~
West North Central	381	350	28	~	419	392	26	~
Iowa	65	65	~	~	82	80	~	~
Kansas	57	51	~	~	59	56	~	~
Minnesota	88	85	~	~	90	86	~	~
Missouri	107	87	18	~	127	110	17	~
Nebraska	36	34	~	~	29	28	~	~
North Dakota	~	~	~	~	~	~	~	~
South Dakota	~	~	~	~	17	17	~	~
South	2,036	1,564	459	98	1,894	1,371	508	83
South Atlantic	1,106	834	267	46	1,011	700	306	26
Delaware	20	17	~	~	~	~	~	~
District of Columbia	16	~	~	~	18	~	~	~
Florida	360	320	40	37	294	252	42	24
Georgia	156	105	51	~	145	83	62	~
Maryland	109	71	37	~	91	50	40	~
North Carolina	164	115	48	~	186	124	60	~
South Carolina	92	62	30	~	95	55	40	~
Virginia	146	102	41	~	142	98	43	~
West Virginia	43	40	~	~	30	26	~	~
East South Central	384	285	98	~	332	244	86	~
Alabama	106	70	36	~	88	57	31	~
Kentucky	101	89	~	~	70	65	~	~
Mississippi	50	26	24	~	55	32	23	~
Tennessee	127	100	27	~	119	90	27	~
West South Central	546	445	94	50	551	427	116	56
Arkansas	68	55	~	~	56	43	~	~

continued

Table E.24.2: Multiple Myeloma. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	79	54	24	~	74	42	32	~
Oklahoma	69	59	~	~	83	68	~	~
Texas	330	277	52	49	338	274	62	55
West	1,106	970	82	123	972	852	62	106
Mountain	~	~	~	27	~	~	~	30
Arizona	90	80	~	~	71	64	~	~
Colorado	61	57	~	~	65	60	~	~
Idaho	22	21	~	~	18	18	~	~
Montana	20	20	~	~	22	22	~	~
Nevada	48	42	~	~	33	28	~	~
New Mexico	36	31	~	~	31	27	~	~
Utah	44	44	~	~	30	29	~	~
Wyoming	~	~	~	~	~	~	~	~
Pacific	776	667	69	96	~	590	50	76
Alaska	~	~	~	~	~	~	~	~
California	539	448	62	92	503	429	48	72
Hawaii	~	~	~	~	19	~	~	~
Oregon	81	77	~	~	55	54	~	~
Washington	133	126	~	~	103	94	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Table E.25.1: Leukemias. Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
Northeast	3,657	3,295	196	206	3,065	2,724	229	175
New England	911	864	18	29	773	730	25	32
Connecticut	224	204	~	~	197	180	~	~
Maine	111	111	~	~	89	88	~	~
Massachusetts	373	351	~	-	321	298	~	-
New Hampshire	78	77	~	-	66	65	~	-
Rhode Island	82	78	~	~	74	73	~	~
Vermont	43	43	~	~	26	26	~	~
Middle Atlantic	2,746	2,431	178	~	2,292	1,994	204	~
New Jersey	624	540	51	51	464	401	42	28
New York	1,177	1,025	78	102	1,060	902	107	102
Pennsylvania	945	866	49	-	768	691	55	-
Midwest								
East North Central	3,014	2,672	~	76	2,423	2,137	~	51
Illinois	855	726	95	-	678	592	67	-
Indiana	380	349	20	~	322	291	18	~
Michigan	639	549	57	~	527	434	62	~
Detroit	287	234	45	-	272	214	49	-
Ohio	687	614	56	~	564	504	42	~
Wisconsin	453	434	~	~	332	316	~	~
West North Central								
Iowa	271	263	~	~	202	195	~	~
Kansas	173	165	~	~	124	112	~	~
Minnesota	444	417	~	~	286	273	~	~
Missouri	377	347	28	~	270	244	23	~
Nebraska	123	117	~	~	86	86	~	~
North Dakota								
South Dakota								
South								
South Atlantic								
Delaware								
District of Columbia	17	~	~	~	22	~	~	~
Florida	1,274	1,172	84	-	998	900	80	-
Georgia	460	371	81	16	349	265	80	~
Atlanta	154	122	29	~	115	80	33	~
Maryland								
North Carolina	450	395	45	16	368	299	55	~
South Carolina	219	168	46	-	182	137	42	-
Virginia								
West Virginia	143	139	~	~	102	101	~	~
East South Central								
Alabama	237	197	36	~	218	171	41	~
Kentucky	269	241	~	-	232	211	~	-
Mississippi								
Tennessee								

continued

Table E.25.1: Leukemias. Cancer Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, Sex, and Race and Ethnicity, United States,*† 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic‡§	All Races	White	Black	Hispanic‡§
West South Central	1,866	1,623	188	262	1,396	1,205	156	224
Arkansas	162	144	~	~	114	96	~	~
Louisiana	301	244	54	-	219	162	55	-
Oklahoma	214	194	~	~	154	144	~	~
Texas	1,189	1,041	112	247	909	803	82	214
West	3,872	3,406	126	536	2,769	2,444	93	402
Mountain	1,180	1,107	21	138	797	744	16	87
Arizona	301	283	~	47	210	195	~	33
Colorado	277	258	~	30	185	167	~	21
Idaho	88	88	~	~	67	67	~	~
Montana	75	66	~	-	48	48	~	-
Nevada	142	129	~	-	102	91	~	-
New Mexico	129	119	~	33	70	64	~	18
Utah	127	123	~	~	90	87	~	~
Wyoming	41	41	~	~	25	25	~	~
Pacific	2,692	2,299	105	398	1,972	1,700	77	315
Alaska	24	19	~	-	21	17	~	-
California	1,902	1,619	94	375	1,378	1,175	70	294
San Francisco-Oakland	211	150	19	19	153	125	~	22
San Jose-Monterey	115	98	~	23	78	67	~	24
Los Angeles	529	437	37	146	366	292	32	100
Hawaii	85	31	~	-	59	21	~	-
Oregon	246	229	~	~	188	183	~	~
Washington	435	401	~	~	326	304	~	~
Seattle-Puget Sound	300	280	~	~	220	205	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information.
† Invasive cancers only
‡ Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
§ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.
- Counts are suppressed at the state's or metropolitan area's request. See technical notes.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Table E.25.2: Leukemias. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Northeast	2,255	2,078	143	86	1,974	1,803	147	75
New England	580	565	~	~	509	490	~	~
Connecticut	143	134	~	~	141	135	~	~
Maine	47	47	~	~	48	48	~	~
Massachusetts	262	258	~	~	231	220	~	~
New Hampshire	49	49	~	~	24	24	~	~
Rhode Island	48	46	~	~	37	36	~	~
Vermont	31	31	~	~	28	27	~	~
Middle Atlantic	1,675	1,513	132	~	1,465	1,313	133	~
New Jersey	313	280	27	17	303	277	23	20
New York	750	658	70	57	658	571	75	45
Pennsylvania	612	575	35	~	504	465	35	~
Midwest	2,956	2,733	191	39	2,398	2,222	156	24
East North Central	2,001	1,817	~	34	1,668	1,523	134	19
Illinois	549	478	57	18	464	415	46	~
Indiana	278	261	16	~	232	219	~	~
Michigan	439	401	34	~	354	313	38	~
Ohio	462	418	42	~	404	367	36	~
Wisconsin	273	259	~	~	214	209	~	~
West North Central	955	916	33	~	730	699	22	~
Iowa	163	160	~	~	122	119	~	~
Kansas	121	114	~	~	107	101	~	~
Minnesota	233	226	~	~	158	155	~	~
Missouri	262	245	~	~	239	226	~	~
Nebraska	94	91	~	~	51	50	~	~
North Dakota	41	41	~	~	23	20	~	~
South Dakota	41	39	~	~	30	28	~	~
South	4,319	3,762	515	251	3,416	2,908	476	190
South Atlantic	2,324	2,032	271	104	1,777	1,503	255	67
Delaware	43	40	~	~	35	30	~	~
District of Columbia	21	~	~	~	~	~	~	~
Florida	929	869	55	86	631	569	59	56
Georgia	286	227	58	~	229	172	52	~
Maryland	219	178	31	~	165	131	33	~
North Carolina	312	267	44	~	272	226	42	~
South Carolina	172	144	28	~	130	100	28	~
Virginia	251	208	39	~	226	193	29	~
West Virginia	91	88	~	~	76	76	~	~
East South Central	719	614	102	~	598	504	94	~
Alabama	215	172	43	~	152	116	36	~
Kentucky	179	167	~	~	140	133	~	~
Mississippi	102	79	23	~	90	60	30	~
Tennessee	223	196	25	~	216	195	21	~
West South Central	1,276	1,116	142	142	1,041	901	127	121
Arkansas	136	121	~	~	98	90	~	~

continued

Table E.25.2: Leukemias. Cancer Death Counts by U.S. Census Region and Division, State, Sex, and Race and Ethnicity, United States,* 2001 *(continued)*

Area	Male				Female			
	All Races	White	Black	Hispanic†‡	All Races	White	Black	Hispanic†‡
Louisiana	203	154	49	~	174	128	44	~
Oklahoma	172	155	~	~	126	117	~	~
Texas	765	686	69	137	643	566	70	118
West	~	2,132	90	266	~	1,664	65	185
Mountain	732	687	20	66	527	504	~	38
Arizona	233	221	~	24	150	142	~	18
Colorado	146	138	~	17	115	111	~	~
Idaho	47	46	~	~	45	45	~	~
Montana	49	47	~	~	35	35	~	~
Nevada	97	87	~	~	55	50	~	~
New Mexico	66	59	~	~	45	42	~	~
Utah	73	68	~	~	66	63	~	~
Wyoming	21	21	~	~	16	16	~	~
Pacific	~	1,445	70	200	~	1,160	57	147
Alaska	~	~	~	~	~	~	~	~
California	1,204	1,064	63	190	952	825	55	140
Hawaii	39	~	~	~	38	~	~	~
Oregon	152	148	~	~	125	123	~	~
Washington	226	211	~	~	197	192	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black).
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex-race-ethnic category.

Notes: Region/division counts are suppressed if the count for exactly one state in the region or division is suppressed due to a count of less than 16.

Appendix F

Tables F.1.1.1M–F.2.2.1

Table F.1.1.1M: Invasive Mesothelioma Incidence Counts by Age and Race and Ethnicity, United States*

Males, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Ages	2,138	2,011	98	17	81
<55	165	145	17	∼	∼
55-64	338	313	22	∼	16
65-74	687	649	28	∼	26
75-84	736	700	25	∼	17
85+	212	204	∼	∼	∼

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
∼ Counts are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table F.1.1.2M: Mesothelioma Death Counts by Age and Race and Ethnicity, United States*

Males, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Ages	1,907	1,835	52	17	57
<55	127	112	∼	∼	∼
55-64	272	259	∼	∼	∼
65-74	603	586	∼	∼	∼
75-84	716	694	∼	∼	19
85+	189	184	∼	∼	∼

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
∼ Counts are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Notes: Incidence counts cover approximately 92% of the U.S. population; death counts cover 100% of the U.S. population. Use caution when comparing incidence and death counts.

Table F.1.1.1F: Invasive Mesothelioma Incidence Counts by Age and Race and Ethnicity, United States*

Females, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Ages	590	551	28	~	39
<55	98	85	~	~	~
55-64	95	92	~	~	~
65-74	150	138	~	~	~
75-84	196	185	~	~	~
85+	51	51	~	~	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Counts are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table F.1.1.2F: Mesothelioma Death Counts by Age and Race and Ethnicity, United States*

Females, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Ages	464	446	~	~	18
<55	57	50	~	~	~
55-64	68	67	~	~	~
65-74	112	106	~	~	~
75-84	173	170	~	~	~
85+	54	53	~	~	~

* Data are from the National Vital Statistics System (NVSS).
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
~ Counts are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Notes: Incidence counts cover approximately 92% of the U.S. population; death counts cover 100% of the U.S. population. Use caution when comparing incidence and death counts.

Table F.1.2: Invasive Mesothelioma Incidence and Death Counts by U.S. Census Region and Division, State and Metropolitan Area, and Sex, United States

All Races, 2001

Area	Incidence*		Deaths†	
	Male	Female	Male	Female
Northeast	592	152	448	108
New England	139	41	133	30
Connecticut	28	~	29	~
Maine	22	~	17	~
Massachusetts	64	17	63	~
New Hampshire	~	~	~	~
Rhode Island	~	~	~	~
Vermont	~	~	~	~
Middle Atlantic	453	111	315	~
New Jersey	121	31	82	~
New York	161	47	117	26
Pennsylvania	171	33	116	37
Midwest	547	148	468	104
East North Central	420	~	336	80
Illinois	138	35	91	24
Indiana	55	~	31	~
Michigan	83	23	75	~
Detroit	32	~		
Ohio	85	25	88	18
Wisconsin	59	24	51	~
West North Central	127	31	132	24
Iowa	18	~	17	~
Kansas	24	~	19	~
Minnesota	39	~	36	~
Missouri	33	~	32	~
Nebraska	~	~	~	~
North Dakota			~	~
South Dakota			~	~
South				
South Atlantic				
Delaware			~	~
District of Columbia	~	~	~	~
Florida	163	59	132	45
Georgia	37	~	26	~
Atlanta	~	~		
Maryland			41	~
North Carolina	54	~	39	~
South Carolina	22	~	25	~
Virginia			60	~
West Virginia	24	~	17	~
East South Central				
Alabama	31	~	19	~
Kentucky	17	~	31	~
Mississippi			~	~
Tennessee			27	~

continued

Table F.1.2: Invasive Mesothelioma Incidence and Death Counts by U.S. Census Region and Division, State and Metropolitan Area, and Sex, United States *(continued)*

All Races, 2001

Area	Incidence*		Deaths†	
	Male	Female	Male	Female
West South Central	~	51	157	34
Arkansas	~	~	~	~
Louisiana	42	~	28	~
Oklahoma	17	~	~	~
Texas	133	32	108	18
West	439	130	391	100
Mountain	118	34	104	20
Arizona	32	~	32	~
Colorado	29	~	24	~
Idaho	~	~	~	~
Montana	~	~	~	~
Nevada	~	~	~	~
New Mexico	~	~	~	~
Utah	~	~	~	~
Wyoming	~	~	~	~
Pacific	321	96	287	80
Alaska	~	~	~	~
California	203	74	169	55
San Francisco-Oakland	34	~		
San Jose-Monterey	~	~		
Los Angeles	56	~		
Hawaii	~	~	~	~
Oregon	29	~	44	~
Washington	71	~	59	16
Seattle-Puget Sound	46	~		

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
† Data are from the National Vital Statistics System (NVSS).
~ Counts are suppressed for incidence and mortality if fewer than 16 cases were reported in the specific area-sex category.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas. Incidence counts cover approximately 92% of the U.S. population; death counts cover 100% of the U.S. population. Use caution when comparing incidence and death counts.

Table F.2.1.1M: Invasive Kaposi's Sarcoma Incidence Counts by Age and Race and Ethnicity, United States*

Males, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Ages	1,068	719	270	20	227
<35	204	107	84	∼	62
35-44	448	297	121	∼	93
45-54	188	123	45	∼	31
55+	228	192	20	∼	41

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
∼ Counts are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table F.2.1.1F: Invasive Kaposi's Sarcoma Incidence Counts by Age and Race and Ethnicity, United States*

Females, 2001

Age at Diagnosis(years)	All Races	White	Black	Asian/Pacific Islander†	Hispanic†‡
All Ages	161	124	32	∼	24
<35	∼	∼	∼	∼	∼
35-44	20	∼	∼	∼	∼
45-54	∼	∼	∼	∼	∼
55+	119	105	∼	∼	16

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Case counts cover approximately 92% of the U.S. population.
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
∼ Counts are suppressed if fewer than 16 cases were reported in the specific age-race-ethnic category.

Table F.2.2.1: Invasive Kaposi's Sarcoma Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, and Sex, United States*

All Races, 2001

Area	Male	Female
Northeast	278	52
New England	50	~
Connecticut	~	~
Maine	~	~
Massachusetts	29	~
New Hampshire	~	~
Rhode Island	~	~
Vermont	~	~
Middle Atlantic	228	41
New Jersey	40	~
New York	143	26
Pennsylvania	45	~
Midwest	123	23
East North Central	88	20
Illinois	38	~
Indiana	~	~
Michigan	22	~
Detroit	22	~
Ohio	~	~
Wisconsin	~	~
West North Central	35	~
Iowa	~	~
Kansas	~	~
Minnesota	~	~
Missouri	~	~
Nebraska	~	~
North Dakota		
South Dakota		
South		
South Atlantic		
Delaware		
District of Columbia	16	~
Florida	101	22
Georgia	56	~
Atlanta	46	~
Maryland		
North Carolina	~	~
South Carolina	~	~
Virginia		
West Virginia	~	~
East South Central		
Alabama	~	~
Kentucky	~	~
Mississippi		
Tennessee		
West South Central	111	20
Arkansas	~	~
Louisiana	19	~
Oklahoma	~	~
Texas	80	~
West	349	34
Mountain	50	~
Arizona	~	~
Colorado	16	~

continued

Table F.2.2.1: Invasive Kaposi's Sarcoma Incidence Counts by U.S. Census Region and Division, State and Metropolitan Area, and Sex, United States* *(continued)*

All Races, 2001

Area	Male	Female
Idaho	~	~
Montana	~	~
Nevada	~	~
New Mexico	~	~
Utah	~	~
Wyoming	~	~
Pacific	299	28
Alaska	~	~
California	255	21
San Francisco-Oakland	61	~
San Jose-Monterey	~	~
Los Angeles	105	~
Hawaii	~	~
Oregon	~	~
Washington	27	~
Seattle-Puget Sound	21	~

* Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Rates cover approximately 92% of the U.S. population.
~ Counts are suppressed if fewer than 16 cases were reported in the specific area-sex category.

Notes: Cases from suppressed counts are included in region/division counts. Region/division counts are presented for regions/divisions with 100% of the population covered by registries that meet the data quality criteria specified above unless the count for exactly one state in the region or division is suppressed due to a count of less than 16. Michigan, Georgia, California, and Washington state counts each include cases from the SEER metropolitan areas.

Appendix G

Table G.1: Age-Adjusted Invasive Cancer Incidence and Death Rates* and 95% Confidence Intervals for Asian/Pacific Islanders† by State and Metropolitan Area, Primary Site, and Sex, United States, 2001

Area and Primary Site	Incidence‡ Rate		Death§ Rate	
	Male	Female	Male	Female
United States				
Prostate	85.0 (81.8- 88.4)		11.6 (10.2-13.0)	
Breast	~	78.1 (75.7- 80.6)	~	12.8 (11.9-13.9)
Lung & Bronchus	50.4 (47.9- 53.0)	25.2 (23.8- 26.8)	39.2 (37.0-41.5)	19.9 (18.5-21.3)
Colon & Rectum	46.7 (44.3- 49.1)	33.9 (32.2- 35.8)	15.9 (14.5-17.4)	11.1 (10.1-12.2)
Liver & IBD	20.1 (18.7- 21.7)	~	14.9 (13.7-16.3)	6.2 (5.5- 7.0)
Stomach	18.0 (16.5- 19.6)	11.0 (10.0- 12.0)	11.0 (9.8-12.2)	6.3 (5.6- 7.1)
Non-Hodgkin Lymphoma	14.6 (13.3- 15.9)	10.4 (9.4- 11.4)	6.2 (5.4- 7.2)	3.8 (3.2- 4.4)
Urinary Bladder	14.3 (13.0- 15.8)	~	3.4 (2.8- 4.2)	~
Corpus & Uterus, NOS		13.9 (12.9- 15.0)		~
Thyroid	~	11.7 (10.8- 12.6)	~	~
Oral Cavity & Pharynx	9.5 (8.5- 10.6)	~	3.7 (3.1- 4.4)	~
Ovary		9.3 (8.5- 10.2)		4.8 (4.2- 5.5)
Pancreas	8.7 (7.7- 9.8)	7.8 (7.0- 8.7)	7.6 (6.7- 8.7)	6.6 (5.8- 7.4)
Leukemias	8.6 (7.7- 9.6)	~	5.3 (4.6- 6.2)	3.1 (2.6- 3.7)
Cervix Uteri		7.5 (6.8- 8.3)		2.6 (2.2- 3.1)
Arizona				
Breast	~	80.4 (53.6-119.7)	~	~
California				
Prostate	88.4 (83.5- 93.5)		11.8 (9.8-14.1)	
Breast	~	82.2 (78.4- 86.3)	~	14.7 (13.0-16.5)
Lung & Bronchus	53.7 (49.9- 57.8)	27.1 (24.8- 29.6)	44.8 (41.2-48.6)	22.2 (20.0-24.5)
Colon & Rectum	47.8 (44.2- 51.6)	36.6 (33.9- 39.5)	16.0 (13.9-18.4)	11.7 (10.2-13.5)
Liver & IBD	22.4 (20.0- 25.0)	7.3 (6.1- 8.6)	17.4 (15.3-19.8)	7.1 (5.9- 8.4)
Stomach	17.1 (14.9- 19.5)	10.6 (9.1- 12.2)	11.7 (9.9-13.7)	6.2 (5.1- 7.5)
Non-Hodgkin Lymphoma	16.2 (14.2- 18.5)	10.9 (9.4- 12.5)	6.8 (5.4- 8.4)	3.9 (3.0- 4.9)
Corpus & Uterus, NOS		15.6 (13.9- 17.4)		~
Urinary Bladder	14.0 (12.1- 16.3)	~	3.7 (2.6- 5.0)	~
Thyroid	~	10.9 (9.6- 12.4)	~	~
Oral Cavity & Pharynx	8.8 (7.4- 10.4)	~	~	~
Ovary		8.7 (7.5- 10.1)		5.2 (4.3- 6.4)
Leukemias	8.3 (6.9- 10.0)	~	5.0 (3.9- 6.4)	3.5 (2.7- 4.5)
Pancreas	7.7 (6.3- 9.4)	7.4 (6.2- 8.8)	7.2 (5.8- 8.9)	6.3 (5.2- 7.6)
Cervix Uteri		~		2.6 (1.9- 3.5)
Esophagus	~	~	3.4 (2.5- 4.6)	~
Los Angeles				
Prostate	93.0 (84.6-102.3)			
Breast	~	86.1 (79.3- 93.4)		
Lung & Bronchus	58.6 (51.8- 66.3)	29.3 (25.1- 33.9)		
Colon & Rectum	58.5 (51.8- 66.1)	40.6 (35.7- 46.0)		
Liver & IBD	22.7 (18.8- 27.5)	8.7 (6.5- 11.4)		
Stomach	20.0 (16.1- 24.7)	13.1 (10.4- 16.4)		
Corpus & Uterus, NOS		18.5 (15.4- 22.0)		
Non-Hodgkin Lymphoma	16.8 (13.3- 21.0)	12.6 (9.9- 15.8)		
Urinary Bladder	16.5 (12.9- 20.8)	~		

continued

Table G.1: Age-Adjusted Invasive Cancer Incidence and Death Rates* and 95% Confidence Intervals for Asian/Pacific Islanders† by State and Metropolitan Area, Primary Site, and Sex, United States, 2001 *(continued)*

Area and Primary Site	Incidence‡ Rate		Death§ Rate	
	Male	Female	Male	Female
Thyroid	~	11.3 (9.0- 14.2)		
Ovary		10.2 (8.0- 13.0)		
Cervix Uteri		10.2 (7.9- 13.0)		
Oral Cavity & Pharynx	8.4 (6.1- 11.5)	~		
Leukemias	8.2 (5.9- 11.3)	~		
Pancreas	6.5 (4.4- 9.4)	~		
San Francisco-Oakland				
Prostate	95.4 (85.3-106.6)			
Breast	~	86.5 (78.3- 95.4)		
Lung & Bronchus	51.6 (44.1- 60.2)	27.5 (22.8- 32.8)		
Colon & Rectum	47.2 (40.1- 55.5)	39.7 (34.0- 46.0)		
Liver & IBD	23.9 (19.1- 29.8)	~		
Non-Hodgkin Lymphoma	19.2 (14.9- 24.7)	12.8 (9.7- 16.6)		
Corpus & Uterus, NOS		16.0 (12.6- 20.1)		
Stomach	15.8 (11.7- 21.1)	8.4 (5.9- 11.7)		
Urinary Bladder	13.9 (10.0- 19.1)	~		
Oral Cavity & Pharynx	10.5 (7.5- 14.6)	~		
Thyroid	~	10.1 (7.5- 13.3)		
Leukemias	9.8 (6.7- 14.0)	~		
Ovary		9.2 (6.7- 12.5)		
Pancreas	9.1 (6.0- 13.4)	8.0 (5.6- 11.1)		
Cervix Uteri		7.4 (5.2- 10.3)		
San Jose-Monterey				
Breast	~	89.6 (77.8-103.2)		
Prostate	75.6 (62.1- 91.7)			
Lung & Bronchus	49.6 (39.0- 62.8)	23.4 (17.0- 31.9)		
Colon & Rectum	42.5 (32.7- 54.9)	30.2 (23.1- 39.3)		
Liver & IBD	24.1 (16.9- 33.9)	8.2 (4.6- 13.9)		
Non-Hodgkin Lymphoma	16.1 (10.4- 24.6)	9.8 (6.0- 15.7)		
Urinary Bladder	15.0 (9.1- 23.9)	~		
Stomach	13.3 (8.1- 21.3)	10.8 (6.7- 17.0)		
Corpus & Uterus, NOS		12.8 (8.7- 18.9)		
Thyroid	~	10.7 (7.0- 16.4)		
Cervix Uteri		8.9 (5.4- 14.4)		
Colorado				
Lung & Bronchus	72.2 (39.5-131.8)	~	~	~
Breast	~	60.7 (40.4- 93.6)	~	~
Colon & Rectum	~	44.6 (24.9- 78.6)	~	~
Connecticut				
Breast	~	60.1 (38.6-100.0)	~	~
Florida				
Lung & Bronchus	56.4 (39.7- 79.4)	23.6 (15.6- 35.8)	20.8 (11.4-36.9)	16.6 (9.5-28.3)
Prostate	51.9 (35.8- 74.4)		~	
Breast	~	43.9 (33.4- 58.3)	~	~
Colon & Rectum	18.6 (10.4- 33.3)	24.3 (15.3- 37.7)	~	~

continued

Table G.1: Age-Adjusted Invasive Cancer Incidence and Death Rates* and 95% Confidence Intervals for Asian/Pacific Islanders† by State and Metropolitan Area, Primary Site, and Sex, United States, 2001 *(continued)*

Area and Primary Site	Incidence‡ Rate		Death§ Rate	
	Male	Female	Male	Female
Corpus & Uterus, NOS		13.1 (7.5- 23.0)		~
Georgia				
Breast	~	59.1 (41.4- 87.6)	~	~
Prostate	48.9 (28.1- 89.3)		~	
Colon & Rectum	37.9 (19.5- 76.8)	41.9 (22.9- 74.0)	~	~
Atlanta				
Prostate	61.8 (33.6-122.1)			
Breast	~	54.5 (35.2- 92.3)		
Hawaii				
Breast	~	131.6 (121.6-142.1)	~	18.4 (14.8-22.7)
Prostate	126.8 (116.4-137.9)		16.0 (12.5-20.4)	
Colon & Rectum	63.6 (56.3- 71.6)	41.5 (36.2- 47.5)	22.8 (18.5-27.9)	13.3 (10.4-16.9)
Lung & Bronchus	57.4 (50.4- 65.0)	30.3 (25.8- 35.4)	46.7 (40.5-53.7)	24.7 (20.7-29.3)
Corpus & Uterus, NOS		22.6 (18.6- 27.3)		3.1 (1.8- 5.2)
Thyroid	~	19.7 (15.8- 24.2)	~	~
Stomach	19.3 (15.4- 24.0)	15.0 (12.0- 18.8)	11.4 (8.4-15.1)	6.4 (4.4- 8.9)
Non-Hodgkin Lymphoma	17.3 (13.5- 21.7)	12.5 (9.6- 15.9)	7.9 (5.5-11.1)	3.3 (1.9- 5.3)
Urinary Bladder	16.9 (13.3- 21.3)	~	4.5 (2.7- 7.0)	~
Liver & IBD	16.2 (12.6- 20.5)	~	11.3 (8.3-15.0)	5.2 (3.4- 7.6)
Pancreas	13.3 (10.1- 17.3)	11.9 (9.1- 15.2)	12.1 (9.0-15.9)	8.5 (6.2-11.3)
Oral Cavity & Pharynx	11.2 (8.3- 14.9)	~	~	~
Kidney & Renal Pelvis	11.2 (8.3- 14.9)	~	~	~
Cervix Uteri		10.8 (8.0- 14.3)		~
Ovary		9.3 (6.8- 12.5)		7.0 (4.9- 9.8)
Esophagus	~	~	5.4 (3.4- 8.2)	~
Leukemias	~	~	6.3 (4.1- 9.2)	5.3 (3.5- 7.8)
Illinois				
Breast	~	66.4 (55.5- 79.5)	~	10.6 (6.5-17.3)
Prostate	62.9 (48.4- 81.8)		~	
Lung & Bronchus	48.8 (35.1- 67.2)	12.6 (7.6- 20.2)	31.6 (20.9-47.2)	9.9 (5.5-17.0)
Colon & Rectum	40.4 (29.7- 55.3)	25.2 (18.0- 34.8)	21.2 (13.1-34.0)	10.2 (5.6-17.5)
Liver & IBD	18.9 (11.4- 31.2)	~	14.9 (8.8-25.7)	~
Corpus & Uterus, NOS		16.5 (11.3- 24.0)		~
Ovary		14.6 (9.7- 21.9)		~
Stomach	13.6 (7.9- 24.1)	13.0 (7.8- 20.8)	~	~
Oral Cavity & Pharynx	12.3 (6.8- 22.8)	~	~	~
Thyroid	~	10.5 (6.6- 16.7)	~	~
Leukemias	9.8 (5.9- 18.4)	~	~	~
Non-Hodgkin Lymphoma	9.4 (5.0- 18.7)	9.2 (5.1- 16.0)	~	~
Massachusetts				
Prostate	88.2 (65.4-118.5)		~	
Colon & Rectum	47.8 (31.5- 71.7)	37.0 (23.7- 55.8)	~	~
Breast	~	44.8 (32.1- 62.1)	~	~
Lung & Bronchus	36.6 (23.1- 57.8)	23.2 (13.1- 38.8)	33.6 (20.3-54.8)	27.0 (16.0-43.3)
Liver & IBD	28.0 (17.2- 46.5)	~	~	~

continued

Table G.1: Age-Adjusted Invasive Cancer Incidence and Death Rates* and 95% Confidence Intervals for Asian/Pacific Islanders† by State and Metropolitan Area, Primary Site, and Sex, United States, 2001 *(continued)*

Area and Primary Site	Incidence‡ Rate		Death§ Rate	
	Male	Female	Male	Female
Thyroid	~	16.9 (10.0- 28.6)	~	~
Michigan				
Prostate	84.7 (55.9-129.2)		~	
Breast	~	58.1 (42.0- 82.4)	~	~
Colon & Rectum	53.9 (30.0- 95.0)	~	~	~
Detroit				
Prostate	93.8 (56.5-155.8)			
Breast	~	52.2 (33.1- 84.8)		
Minnesota				
Breast	~	77.7 (51.4-115.9)	~	~
Nevada				
Breast	~	84.1 (58.7-123.1)	~	~
Lung & Bronchus	66.9 (37.9-118.1)	34.0 (18.2- 65.1)	~	~
Prostate	61.1 (35.0-108.8)		~	
Colon & Rectum	~	37.8 (19.2- 72.4)	~	~
New Jersey				
Prostate	103.6 (84.5-127.1)		~	
Breast	~	75.6 (64.1- 89.4)	~	14.9 (9.6-23.2)
Colon & Rectum	47.2 (33.9- 65.2)	19.4 (12.9- 28.8)	~	~
Lung & Bronchus	35.1 (24.1- 50.8)	22.3 (15.1- 32.5)	33.1 (21.4-50.0)	8.3 (4.4-15.4)
Stomach	20.5 (12.4- 33.5)	10.4 (5.8- 18.1)	~	~
Urinary Bladder	17.0 (9.1- 30.3)	~	~	~
Non-Hodgkin Lymphoma	15.2 (9.2- 25.9)	9.0 (4.9- 16.1)	~	~
Liver & IBD	12.6 (6.9- 23.5)	~	~	~
Ovary		11.7 (7.2- 18.9)		~
Oral Cavity & Pharynx	10.9 (5.4- 21.5)	9.7 (5.4- 17.0)	~	~
Thyroid	~	10.8 (7.2- 17.1)	~	~
Corpus & Uterus, NOS		9.7 (5.9- 16.2)		~
Cervix Uteri		6.9 (4.2- 12.4)		~
New York				
Prostate	65.9 (57.1- 75.9)		9.0 (5.4-14.1)	
Breast	~	65.4 (58.7- 72.9)	~	9.7 (7.2-13.0)
Colon & Rectum	53.2 (45.1- 62.7)	28.7 (23.7- 34.6)	14.8 (10.5-20.5)	8.7 (5.9-12.4)
Lung & Bronchus	52.1 (44.2- 61.4)	17.5 (13.7- 22.3)	35.1 (28.4-43.3)	14.2 (10.7-18.7)
Stomach	20.1 (15.5- 26.0)	13.5 (10.0- 17.8)	11.4 (8.1-16.1)	4.3 (2.5- 7.0)
Liver & IBD	20.0 (15.7- 25.5)	~	12.3 (9.0-16.9)	4.1 (2.3- 6.9)
Urinary Bladder	14.7 (10.6- 20.1)	~	~	~
Thyroid	~	13.2 (10.4- 16.8)	~	~
Non-Hodgkin Lymphoma	12.9 (9.3- 17.9)	8.6 (5.9- 12.2)	~	~
Oral Cavity & Pharynx	11.8 (8.8- 16.1)	~	5.6 (3.5- 9.0)	~
Corpus & Uterus, NOS		10.9 (8.3- 14.4)		3.4 (1.9- 5.7)
Kidney & Renal Pelvis	9.6 (6.6- 13.9)	~	~	~
Leukemias	9.3 (6.6- 13.2)	~	4.6 (2.7- 7.9)	~
Ovary		8.8 (6.4- 12.0)		~
Cervix Uteri		7.2 (4.9- 10.3)		~

continued

Table G.1: Age-Adjusted Invasive Cancer Incidence and Death Rates* and 95% Confidence Intervals for Asian/Pacific Islanders† by State and Metropolitan Area, Primary Site, and Sex, United States, 2001 *(continued)*

Area and Primary Site	Incidence‡ Rate		Death§ Rate	
	Male	Female	Male	Female
Pancreas	~	6.4 (4.1- 9.6)	6.6 (4.0-10.7)	6.9 (4.5-10.3)
North Carolina				
Colon & Rectum	~	52.3 (27.5- 95.3)	~	~
Breast	~	41.4 (25.3- 73.7)	~	~
Ohio				
Breast	~	69.4 (48.3-100.3)	~	~
Lung & Bronchus	57.5 (30.1-103.8)	48.0 (28.0- 79.3)	~	~
Prostate	56.8 (31.2-100.3)		~	
Oregon				
Breast	~	94.0 (68.2-129.0)	~	~
Colon & Rectum	72.4 (44.0-117.5)	42.0 (24.3- 69.9)	~	~
Prostate	52.7 (30.8- 90.9)		~	
Pennsylvania				
Prostate	69.0 (49.0- 97.7)		~	
Breast	~	62.6 (47.3- 82.9)	~	~
Colon & Rectum	31.7 (17.5- 55.8)	35.8 (22.8- 54.7)	~	~
Lung & Bronchus	28.7 (16.0- 51.1)	~	26.5 (14.0-48.9)	~
Stomach	25.6 (13.4- 47.7)	~	~	~
Ovary		15.6 (8.4- 28.7)		~
Thyroid	~	13.4 (7.5- 24.8)	~	~
Texas				
Prostate	57.2 (43.5- 75.1)		~	
Lung & Bronchus	42.3 (30.4- 58.5)	21.3 (14.5- 30.9)	38.8 (27.2-54.8)	21.0 (13.8-31.1)
Breast	~	39.8 (32.4- 49.5)	~	9.2 (5.3-15.8)
Colon & Rectum	27.8 (20.0- 39.6)	20.9 (14.1- 30.5)	~	10.0 (5.5-17.5)
Liver & IBD	27.1 (17.8- 40.9)	~	17.0 (10.2-28.3)	~
Urinary Bladder	16.4 (9.2- 28.3)	~	~	~
Stomach	15.1 (8.4- 26.4)	~	11.2 (6.0-20.8)	~
Non-Hodgkin Lymphoma	12.1 (7.1- 21.4)	~	~	~
Thyroid	~	10.6 (7.0- 16.6)	~	~
Corpus & Uterus, NOS		7.7 (4.3- 13.9)		~
Cervix Uteri		7.1 (3.9- 13.1)		~
Leukemias	6.9 (3.7- 14.7)	~	~	~
Virginia				
Lung & Bronchus	~	~	37.0 (21.4-63.5)	~
Washington				
Prostate	98.7 (79.3-122.3)		~	
Breast	~	87.0 (73.9-102.6)	~	12.9 (7.9-20.9)
Lung & Bronchus	63.1 (47.9- 82.6)	27.4 (19.4- 38.4)	46.4 (32.8-64.7)	24.9 (16.6-36.4)
Colon & Rectum	42.0 (30.5- 57.7)	47.2 (36.1- 61.3)	13.6 (7.6-24.2)	13.2 (8.2-21.1)
Urinary Bladder	26.7 (16.2- 42.0)	~	~	~
Liver & IBD	26.2 (17.2- 39.4)	10.9 (6.3- 18.6)	20.7 (12.5-33.3)	~
Stomach	22.4 (14.1- 35.2)	~	~	~
Thyroid	~	15.1 (10.1- 22.9)	~	~
Pancreas	~	14.2 (8.6- 22.9)	~	~

continued

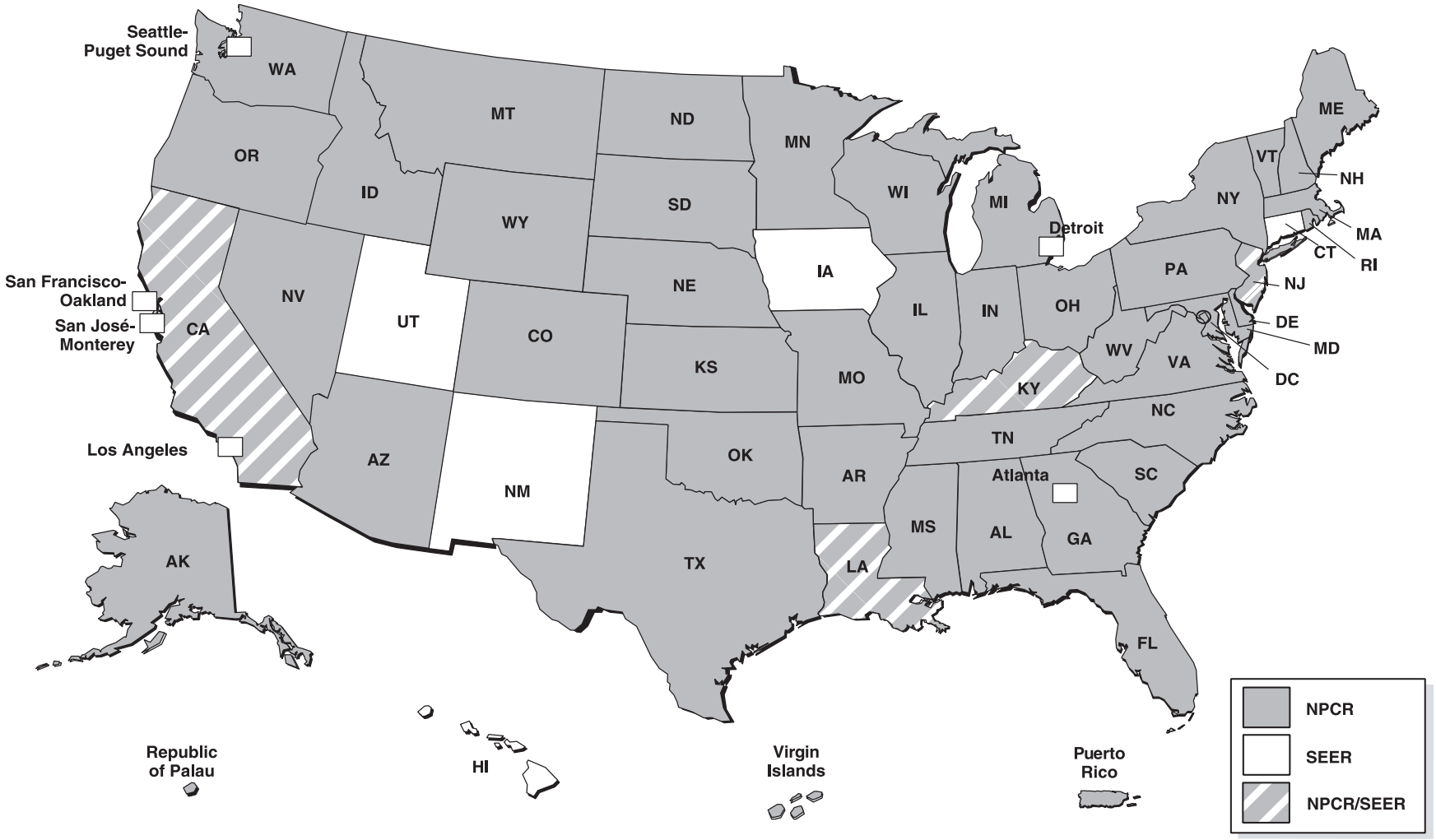
Table G.1: Age-Adjusted Invasive Cancer Incidence and Death Rates* and 95% Confidence Intervals for Asian/Pacific Islanders† by State and Metropolitan Area, Primary Site, and Sex, United States, 2001 *(continued)*

Area and Primary Site	Incidence‡ Rate		Death§ Rate	
	Male	Female	Male	Female
Non-Hodgkin Lymphoma	~	13.9 (8.4- 22.4)	~	~
Cervix Uteri		13.4 (8.5- 21.0)		~
Ovary		13.2 (8.3- 21.0)		~
Oral Cavity & Pharynx	12.3 (6.9- 22.1)	~	~	~
Corpus & Uterus, NOS		11.1 (6.7- 18.4)		~
Seattle-Puget Sound				
Prostate	102.3 (81.5-127.8)			
Breast	~	83.9 (70.5-100.0)		
Lung & Bronchus	63.3 (47.2- 84.2)	28.8 (20.1- 40.6)		
Colon & Rectum	43.2 (31.0- 59.9)	49.1 (37.2- 64.2)		
Liver & IBD	26.1 (16.8- 40.3)	11.7 (6.7- 19.9)		
Urinary Bladder	25.7 (15.2- 41.6)	~		
Stomach	22.5 (13.7- 36.3)	~		
Cervix Uteri		14.2 (9.0- 22.5)		
Pancreas	~	14.0 (8.2- 23.1)		
Thyroid	~	13.9 (8.9- 22.0)		
Non-Hodgkin Lymphoma	~	13.7 (8.0- 22.6)		
Ovary		13.5 (8.3- 21.8)		
Corpus & Uterus, NOS		11.8 (7.0- 19.7)		

* Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.
† Data for specified race/ethnic groups other than white and black should be interpreted with caution. See technical notes.
‡ Data are from selected statewide and metropolitan area cancer registries that meet the data quality criteria for all invasive cancer sites combined that have an Asian/Pacific Islander population of at least 50,000. See Appendix J for data quality criteria and registry-specific data quality information.
§ Data are from the National Vital Statistics System (NVSS).
~ Rates are suppressed if cases are fewer than 16 or if the Asian/Pacific Islander population of the specific area-sex category is less than 50,000.

Appendix H

State and Metropolitan Area Cancer Registries by Affiliation in Federal Cancer Surveillance Program, 2004



Appendix I

Table I.1: State, Metropolitan Area, and Territory Cancer Registries by Federal Funding Source and First Diagnosis Year* for Which Cancer Cases Were Reportable to CDC's NPCR or NCI's SEER Program

State, Metropolitan Area, or Territory	First Diagnosis Year For Which Cancer Cases Were Reportable to NPCR or SEER*	Federal Funding Source 2004
Alabama	1996	NPCR
Alaska	1996	NPCR
Arizona	1995	NPCR
Arkansas	1996	NPCR
California	1995/2000	NPCR/SEER
Los Angeles	1992	SEER
San Francisco-Oakland	1973	SEER
San Jose-Monterey	1992	SEER
Colorado	1995	NPCR
Connecticut	1973	SEER
Delaware	1997	NPCR
District of Columbia	1996	NPCR
Florida	1995	NPCR
Georgia	1995	NPCR
Atlanta	1975	SEER
Hawaii	1973	SEER
Idaho	1995	NPCR
Illinois	1995	NPCR
Indiana	1995	NPCR
Iowa	1973	SEER
Kansas	1995	NPCR
Kentucky	1995/2000	NPCR/SEER
Louisiana	1995/2000	NPCR/SEER
Maine	1995	NPCR
Maryland	1996	NPCR
Massachusetts	1995	NPCR
Michigan	1995	NPCR
Detroit	1973	SEER
Minnesota	1995	NPCR
Mississippi	1996	NPCR
Missouri	1996	NPCR
Montana	1995	NPCR
Nebraska	1995	NPCR
Nevada	1995	NPCR
New Hampshire	1995	NPCR
New Jersey	1995/2000	NPCR/SEER
New Mexico	1973	SEER
New York	1996	NPCR
North Carolina	1995	NPCR
North Dakota	1997	NPCR
Ohio	1996	NPCR
Oklahoma	1997	NPCR
Oregon	1996	NPCR
Palau	1999	NPCR
Pennsylvania	1995	NPCR
Puerto Rico	1998	NPCR
Rhode Island	1995	NPCR

continued

Table I.1: State, Metropolitan Area, and Territory Cancer Registries by Federal Funding Source and First Diagnosis Year* for Which Cancer Cases Were Reportable to CDC's NPCR or NCI's SEER Program

State, Metropolitan Area, or Territory	First Diagnosis Year For Which Cancer Cases Were Reportable to NPCR or SEER*	Federal Funding Source 2004
South Carolina	1996	NPCR
South Dakota	2001	NPCR
Tennessee	1999	NPCR
Texas	1995	NPCR
Utah	1973	SEER
Vermont	1996	NPCR
Virgin Islands	1999	NPCR
Virginia	1996	NPCR
Washington	1995	NPCR
Seattle-Puget Sound	1974	SEER
West Virginia	1995	NPCR
Wisconsin	1995	NPCR
Wyoming	1996	NPCR

* Diagnosis year is the year during which a reported cancer case was first diagnosed.

CDC = Centers for Disease Control and Prevention; NCI = National Cancer Institute;
NPCR = National Program of Cancer Registries; SEER = Surveillance, Epidemiology, and End Results.

Appendix J

Tables J.1 and J.2

Table J.1: Achievement of Selected Data Quality Criteria by State and SEER Metropolitan Area Cancer Registries, 2001

Only data from the shaded states and metropolitan areas are included in *United States Cancer Statistics: 2001 Incidence and Mortality.**

Cancer Registry	% Case Ascertainment†	% Passing Edits‡	% DCOs§	% Missing Sex	% Missing Race	% Missing Age
Alabama	90-94	100.0	2.4	0.02	0.40	0.01
Alaska	>95	100.0	0.4	0.00	1.33	0.00
Arizona	90-94	100.0	2.1	0.00	1.46	0.00
Arkansas	90-94	100.0	0.2	0.01	0.68	0.01
California	>95	100.0	0.6	0.01	1.82	0.03
Greater Bay¶	>95	100.0	0.1	0.03	2.38	0.01
Los Angeles	>95	100.0	0.8	0.01	1.77	0.00
Colorado	>95	100.0	2.7	0.01	3.77	0.02
Connecticut	>95	100.0	1.1	0.02	0.41	0.00
Delaware						
District of Columbia	>95	100.0	2.9	0.00	2.45	0.10
Florida	>95	100.0	2.8	0.06	0.84	0.01
Georgia	>95	100.0	2.8	0.00	0.34	0.00
Atlanta	>95	100.0	1.3	0.00	0.45	0.00
Hawaii	>95	100.0	0.7	0.00	1.92	0.00
Idaho	>95	100.0	2.6	0.00	0.59	0.00
Illinois	>95	100.0	2.6	0.00	1.30	0.00
Indiana	>95	100.0	2.2	0.00	0.98	0.00
Iowa	>95	100.0	1.2	0.00	1.00	0.01
Kansas	>95	100.0	2.8	0.00	2.01	0.01
Kentucky	>95	100.0	0.7	0.00	1.95	0.00
Louisiana	>95	100.0	1.0	0.00	0.32	0.00
Maine	>95	100.0	3.3	0.04	0.04	0.00
Maryland	<90	100.0	1.2	0.00	2.09	0.03
Massachusetts	>95	100.0	1.8	0.00	1.91	0.00
Michigan	>95	100.0	0.9	0.02	2.95	0.02
Detroit	>95	100.0	0.9	0.00	1.31	0.02
Minnesota	>95	100.0	1.4	0.00	2.21	0.01
Mississippi						
Missouri	90-94	100.0	2.6	0.01	0.18	0.00
Montana	>95	100.0	5.0	0.00	2.81	0.00
Nebraska	>95	100.0	1.6	0.01	2.65	0.00
Nevada	>95	100.0	1.8	0.00	0.58	0.00
New Hampshire	>95	100.0	1.3	0.07	1.87	0.00
New Jersey	>95	100.0	1.5	0.01	1.02	0.03
New Mexico	90-94	100.0	1.0	0.00	0.00	0.00
New York	>95	100.0	1.9	0.00	2.19	0.00
North Carolina	>95	100.0	2.8	0.07	0.41	0.02
North Dakota						
Ohio	90-94	100.0	3.2	0.00	2.96	0.00
Oklahoma	>95	100.0	2.8	0.00	0.67	0.00
Oregon	>95	100.0	1.5	0.00	2.10	0.00
Pennsylvania	>95	100.0	1.5	0.00	1.36	0.00
Rhode Island	>95	100.0	1.8	0.00	2.21	0.00
South Carolina	90-94	100.0	1.9	0.01	0.71	0.00

continued

Table J.1: Achievement of Selected Data Quality Criteria by State and SEER Metropolitan Area Cancer Registries, 2001 *(continued)*

Only data from the shaded states and metropolitan areas are included in *United States Cancer Statistics: 2001 Incidence and Mortality.**

Cancer Registry	% Case Ascertainment†	% Passing Edits‡	% DCOs§	% Missing Sex	% Missing Race	% Missing Age
South Dakota	<90	100.0	ND	0.0	4.75	0.00
Tennessee						
Texas	90-94	100.0	4.4	0.00	0.68	0.00
Utah	90-94	100.0	0.3	0.00	0.00	0.00
Vermont	>95	100.0	1.4	0.00	0.20	0.03
Virginia	<90	100.0	ND	0.00	0.97	0.00
Washington	>95	100.0	1.2	0.00	2.42	0.00
Seattle-Puget Sound	>95	100.0	0.7	0.00	0.83	0.00
West Virginia	>95	100.0	1.8	0.00	0.00	0.00
Wisconsin	>95	100.0	3.0	0.00	0.61	0.00
Wyoming	90-94	100.0	0.0	0.00	0.09	0.00

* Registry members of the National Program of Cancer Registries whose data are not included in this report chose whether to have their data quality information listed.

† Completeness of case ascertainment was estimated by methods developed by the North American Association of Central Cancer Registries (Howe 2001; Tucker 1999).

‡ Computerized edits test the validity and logic of data components reported for selected items.

§ DCOs, or *death certificate-only cases*, are cancer cases ascertained solely on the basis of a death certificate after the registry has completed a routine procedure known as death clearance and followback.

¶ Greater Bay includes San Francisco-Oakland and San Jose-Monterey Registries.

ND = Registry did not conduct death clearance and followback for 2001 cases;
SEER = Surveillance, Epidemiology, and End Results.

Table J.2: Confirmation and Detection Rates* for Cancer Mortality†, by Anatomic Site and ICD Version—United States

Cancer site	Confirmation Rate*		Detection Rate*	
	ICD–9	ICD–8A	ICD–9	ICD–8A
All malignant sites	84.8%	82.7%	83.3%	82.7%
Oral cavity and pharynx	NA‡	NA	NA	NA
Esophagus	77.0%	86.1%	93.7%	93.2%
Stomach	93.9%	90.9%	88.1%	89.2%
Colon and rectum	95.6%	95.0%	92.7%	92.9%
Liver and intrahepatic bile duct§	NA	76.7%	NA	49.6%
Liver§	70.2%	NA	78.3%	NA
Pancreas	90.3%	89.0%	91.5%	90.2%
Larynx	69.3%	73.2%	72.2%	80.3%
Lung and bronchus§	94.3%	NA	95.4%	NA
Trachea, lung and bronchus§	NA	93.9%	NA	95.0%
Melanomas of the skin	88.6%	90.5%	89.7%	87.6%
Breast¶	98.7%	98.1%	95.7%	95.0%
Cervix uteri	93.2%	90.4%	81.1%	79.0%
Corpus and uterus, NOS§	NA	71.5%	NA	81.5%
Corpus§	93.3%	NA	43.9%	NA
Ovary§	91.9%	NA	90.7%	NA
Ovary, fallopian tube, etc.§	NA	88.2%	NA	88.3%
Prostate	98.1%	96.3%	93.5%	94.7%
Testis	75.9%	90.4%	90.6%	83.1%
Urinary bladder	95.7%	93.6%	88.9%	91.1%
Kidney and renal pelvis§	93.5%	NA	89.6%	NA
Kidney§	NA	93.0%	NA	87.9%
Brain and other nervous system	93.1%	89.2%	97.1%	97.2%
Thyroid	96.6%	91.5%	88.6%	87.2%
Hodgkin lymphoma	95.6%	92.5%	83.5%	86.7%
Non-Hodgkin lymphoma	92.8%	88.4%	87.5%	83.2%
Multiple myeloma	97.2%	98.1%	97.3%	96.6%
Leukemias	NA	NA	NA	NA

* Confirmation rate = Percent of cancer underlying cause of death (UCD) on the death certificate that agrees with the original cancer diagnosis as coded in the medical record. Detection rate = percent of original cancer diagnosis as coded in the medical record that agrees with the cancer UCD on the death certificate.

† Adapted from Percy 1981 and Percy 1990.

‡ NA = Not available.

§ Due to inconsistencies in site categories, caution should be used when comparing ICD–9 and ICD–8A confirmation and detection rates.

¶ Includes both male and female breast cancer.

Appendix K

Tables K.1–K.3

Table K.1: SEER Site Groups for Primary Cancer Sites Based on ICD–O–3

Site Group	Primary Site	Histologic Type
Oral Cavity and Pharynx		
Lip	C000-C009	excluding 9590-9989, and sometimes 9050-9055, 9140*
Tongue	C019-C029	
Salivary Gland	C079-C089	
Floor of Mouth	C040-C049	
Gum & Other Mouth	C030-C039, C050-C059, C060-C069	
Nasopharynx	C110-C119	
Tonsil	C090-C099	
Oropharynx	C100-C109	
Hypopharynx	C129, C130-C139	
Other Oral Cavity and Pharynx	C140, C142-C148	
Digestive System		
Esophagus	C150-C159	excluding 9590-9989, and sometimes 9050-9055, 9140*
Stomach	C160-C169	
Small Intestine	C170-C179	
Colon and Rectum		
Colon excluding Rectum		
Cecum	C180	excluding 9590-9989, and sometimes 9050-9055, 9140*
Appendix	C181	
Ascending Colon	C182	
Hepatic Flexure	C183	
Transverse Colon	C184	
Splenic Flexure	C185	
Descending Colon	C186	
Sigmoid Colon	C187	
Large Intestine, NOS	C188-C189, C260	
Rectum & Rectosigmoid Junction		
Rectosigmoid Junction	C199	excluding 9590-9989, and sometimes 9050-9055, 9140*
Rectum	C209	
Anus, Anal Canal & Anorectum	C210-C212, C218	
Liver & Intrahepatic Bile Duct		
Liver	C220	excluding 9590-9989, and sometimes 9050-9055, 9140*
Intrahepatic Bile Duct	C221	
Gallbladder	C239	
Other Biliary	C240-C249	
Pancreas	C250-C259	
Retroperitoneum	C480	
Peritoneum, Omentum & Mesentery	C481-C482	
Other Digestive Organs	C268-C269, C488	
Respiratory System		
Nose, Nasal Cavity and Middle Ear	C300-C301, C310-C319	excluding 9590-9989, and sometimes 9050-9055, 9140*
Larynx	C320-C329	
Lung and Bronchus	C340-C349	
Pleura	C384	
Trachea, Mediastinum & Other Respiratory Organs	C339, C381-C383, C388, C390, C398, C399	
Bones and Joints	C400-C419	excluding 9590-9989, and sometimes 9050-9055, 9140*

continued

Table K.1: SEER Site Groups for Primary Cancer Sites Based on ICD–O–3 *(continued)*

Site Group	Primary Site	Histologic Type
Soft Tissue including Heart	C380, C470-C479, C490-C499	excluding 9590-9989, and sometimes 9050-9055, 9140*
Skin excluding Basal and Squamous		
Melanoma of the Skin	C440-C449	8720-8790
Other Non-Epithelial Skin	C440-C449	excluding 8000-8005, 8010-8045, 8050-8084, 8090-8110, 8720-8790, 9590-9989, and sometimes 9050-9055, 9140*
Breast	C500-C509	excluding 9590-9989, and sometimes 9050-9055, 9140*
Female Genital System		
Cervix	C530-C539	excluding 9590-9989, and sometimes 9050-9055, 9140*
Corpus and Uterus, NOS		
Corpus	C540-C549	
Uterus, NOS	C559	
Ovary	C569	
Vagina	C529	
Vulva	C510-C519	
Other Female Genital Organs	C570-C589	
Male Genital System		
Prostate	C619	excluding 9590-9989, and sometimes 9050-9055, 9140*
Testis	C620-C629	
Penis	C600-C609	
Other Male Genital Organs	C630-C639	
Urinary System		
Urinary Bladder	C670-C679	excluding 9590-9989, and sometimes 9050-9055, 9140*
Kidney and Renal Pelvis	C649, C659	
Ureter	C669	
Other Urinary Organs	C680-C689	
Eye & Orbit	C690-C699	excluding 9590-9989, and sometimes 9050-9055, 9140*
Brain and Other Nervous System		
Brain	C710-C719	excluding 9530-9539, 9590-9989, and sometimes 9050-9055, 9140*

continued

Table K.1: SEER Site Groups for Primary Cancer Sites Based on ICD–O–3 *(continued)*

Site Group	Primary Site	Histologic Type
Cranial Nerves Other Nervous System	C710-C719	9530-9539
	C700-C709, C720-C729	excluding 9590-9989, and sometimes 9050-9055, 9140*
Endocrine System		
Thyroid	C739	excluding 9590-9989, and sometimes 9050-9055, 9140*
Other Endocrine including Thymus	C379, C740-C749, C750-C759	
Lymphoma		
Hodgkin Lymphoma		
Hodgkin—Nodal	C024, C098-C099, C111, C142, C379, C422, C770-C779	9650-9667
Hodgkin—Extranodal	All other sites	
Non-Hodgkin Lymphoma		
NHL—Nodal	C024, C098-C099, C111, C142, C379, C422, C770-C779	9590-9596, 9670-9671, 9673, 9675, 9678-9680, 9684, 9687, 9689-9691, 9695, 9698-9702, 9705, 9708-9709, 9714-9719, 9727-9729, 9823, 9827
NHL—Extranodal	All sites except C024, C098-C099, C111, C142, C379, C422, C770-C779	9590-9596, 9670-9671, 9673, 9675, 9678-9680, 9684, 9687, 9689-9691, 9695, 9698-9702, 9705, 9708-9709, 9714-9719, 9727-9729
	All sites except C024, C098-C099, C111, C142, C379, C420-C422, C424, C770-C779	9823, 9827
Myeloma		9731-9732, 9734
Leukemia		
Lymphocytic Leukemia		
Acute Lymphocytic Leukemia		9826, 9835-9837
Chronic Lymphocytic Leukemia	C420-C421, C424	9823
Other Lymphocytic Leukemia		9820, 9832-9834, 9940
Myeloid and Monocytic Leukemia		
Acute Myeloid Leukemia		9840, 9861, 9866, 9867, 9871-9874, 9895-9897, 9910, 9920
Acute Monocytic Leukemia		9891
Chronic Myeloid Leukemia		9863, 9875, 9876, 9945, 9946
Other Myeloid/Monocytic Leukemia		9860, 9930

continued

Table K.1: SEER Site Groups for Primary Cancer Sites Based on ICD–O–3 *(continued)*

Site Group	Primary Site	Histologic Type
Other Leukemia		
Other Acute Leukemia		9801, 9805, 9931
Aleukemic, Subleukemic and NOS		9733, 9742, 9800, 9831, 9870, 9948, 9963, 9964
	C420-C421, C424	9827
Mesothelioma*		9050-9055
Kaposi's Sarcoma*		9140
Miscellaneous		9740-9741, 9750-9758, 9760-9769, 9950, 9960-9962, 9970, 9975, 9980, 9982-9987, 9989
	C420-C424, C760-C768, C770-C779, C809	excluding 9590-9989, and sometimes 9050-9055, 9140*
Invalid	Site or histology code not within valid range or site code not found in this table.	

* Mesothelioma (9050-9055) and Kaposi's Sarcoma (9140) can be listed separately or within site-specific groupings. The table contains both possibilities.

Ries LAG, Eisner MP, Kosary CL, Hankey BF, Miller BA, Clegg L, et al (eds). *SEER Cancer Statistics Review, 1975-2001* (Table A-3). Bethesda (MD): National Cancer Institute; 2004. Also available from: URL: http://seer.cancer.gov/csr/1975_2001 [Accessed 2004, July 30].

Table K.2: SEER Modification of Site Groups for Primary Cancer Sites Based on ICCC

Site Group	Histologic Type	Primary Site
I Leukemia		
(a) Lymphoid Leukemia		
Acute lymphocytic leukemia (ALL)	9821, 9828	C000-C809
Lymphoid excluding ALL	9820, 9822-9827, 9850	C000-C809
(b) Acute non-lymphocytic leukemia	9840, 9841, 9861, 9864, 9866, 9867, 9871-9874, 9891, 9894, 9910	C000-C809
(c) Chronic myeloid leukemia	9863, 9868	C000-C809
(d) Other specified leukemia	9830, 9842, 9860, 9862, 9870,9875-9890, 9892, 9893, 9900, 9930-9941	C000-C809
(e) Unspecified leukemia	9800-9804	C000-C809
II Lymphoma and reticuloendothelial neoplasms		
(a) Hodgkin lymphoma	9650-9667	C000-C809
(b) Non-Hodgkin lymphoma	9591-9595, 9670-9686, 9688, 9690-9717, 9723	C000-C809
(c) Burkitt lymphoma	9687	C000-C809
(d) Miscellaneous lymphoreticular neoplasms	9720, 9731-9764	C000-C809
(e) Unspecified lymphoma	9590	C000-C809
III CNS and miscellaneous intracranial and intraspinal neoplasms		
(a) Ependymoma	9383, 9390-9394	C000-C809
(b) Astrocytoma	9380	C723
	9381, 9400-9441*	C700-C729, C751-C753, C692*
(c) Primitive neuroectodermal tumors	9470-9473*	C700-C729, C751-C753, C809*
	9500*	C710-C719, C751-C753*
	9362*	C000-C809*
(d) Other gliomas	9380	C700-C722, C724-C729
	9382, 9384	C000-C809
	9442-9460, 9481	C000-C809
(e) Miscellaneous intracranial and intraspinal neoplasms	8270-8281, 8300, 9350-9361, 9480, 9505, 9530-9539*	C000-C809*
(f) Unspecified intracranial and intraspinal neoplasms	8000-8004	C700-C729, C751-C753
IV Sympathetic nervous system tumors		
(a) Neuroblastoma and ganglioneuroblastoma	9490	C000-C809
	9500*	C000-C709, C720-C750, C754-C809*
(b) Other sympathetic nervous system tumors	8680, 8693-8710, 9501-9504, 9520-9523	C000-C809
V Retinoblastoma	9510-9512	C000-C809

continued

Table K.2: SEER Modification of Site Groups for Primary Cancer Sites Based on ICCC *(continued)*

Site Group	Histologic Type	Primary Site
VI Renal tumors		
(a) Wilms tumor, rhabdoid and clear cell sarcoma	8963	C649, C809
	8960, 8964	C000-C809
(b) Renal carcinoma	8010-8041, 8050-8075, 8082, 8120-8122, 8130-8141, 8143, 8155, 8190-8201, 8210, 8211, 8221-8231,8240, 8241, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8401, 8430, 8440, 8480-8490, 8504, 8510, 8550, 8560-8573	C649
	8312	C000-C809
(c) Unspecified malignant renal tumors	8000-8004	C649
VII Hepatic tumors		
(a) Hepatoblastoma	8970	C000-C809
(b) Hepatic carcinoma	8010-8041, 8050-8075, 8082, 8120-8122, 8140, 8141, 8143, 8155, 8190-8201, 8210, 8211, 8230, 8231,8240, 8241, 8244-8246, 8260-8263, 8310, 8320, 8323, 8401, 8430, 8440, 8480-8490, 8504, 8510, 8550, 8560-8573	C220, C221
	8160-8180	C000-C809
(c) Unspecified malignant hepatic tumors	8000-8004	C220, C221
VIII Malignant bone tumors		
(a) Osteosarcoma	9180-9200	C000-C809
(b) Chrondosarcoma	9220-9230	C000-C809
	9231, 9240	C400-C419
(c) Ewing sarcoma	9260	C400-C419, C809
	9363, 9364	C400-C419
	9473*	C400-C419*
(d) Other specified malignant bone tumors	8812, 9250, 9261-9330, 9370	C000-C809
(e) Unspecified malignant bone tumors	8000-8004, 8800, 8801, 8803, 8804	C400-C419
IX Soft-tissue sarcomas		
(a) Rhabdomyosarcoma and embryonal sarcoma	8900-8920, 8991	C000-C809
(b) Fibrosarcoma, neurofibrosarcoma and other fibromatous neoplasms	8810, 8811, 8813-8833, 9540-9561	C000-C809
(c) Kaposi's sarcoma	9140	C000-C809
(d) Other specified soft-tissue sarcomas IX(d) excluding misclassification from III(c)	8840-8896, 8982, 8990, 9040-9044, 9120-9134, 9150-9170, 9251, 9581	C000-C809
	8963	C000-C639, C659-C768
	9231, 9240, 9363, 9364	C000-C399, C440-C809
	9260	C000-C399, C470-C768

continued

Table K.2: SEER Modification of Site Groups for Primary Cancer Sites Based on ICCC *(continued)*

Site Group	Histologic Type	Primary Site
PNET—not in brain/CNS/bone	9473*	C000-C399, C420-C699, C730-C750, C754-C808*
(e) Unspecified soft-tissue sarcomas	8800-8804	C000-C399, C440-C809
X Germ-cell, trophoblastic and other gonadal neoplasms		
(a) Intracranial and intraspinal germ-cell tumors	9060-9102	C700-C729, C751-C753
(b) Other and unspecified non-gonadal germ-cell tumors	9060-9102	C000-C559, C570-C619, C630-C699, C739-C750, C754-C809
(c) Gonadal germ-cell tumors	9060-9102	C569, C620-C629
(d) Gonadal carcinomas	8010-8041, 8050-8075, 8120-8122, 8130-8141, 8143, 8155, 8190-8201, 8210, 8211, 8221-8241, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8430, 8440, 8480-8490, 8504, 8510, 8550, 8560-8573	C569, C620-C629
	8380, 8381, 8441-8473	C000-C809
(e) Other and unspecified malignant gonadal tumors	8590-8670, 9000	C000-C809
	8000-8004	C569, C620-C629
XI Carcinomas and other malignant epithelial neoplasms		
(a) Adrenocortical carcinoma	8370-8375	C000-C809
(b) Thyroid carcinoma	8010-8041, 8050-8075, 8082, 8120-8122, 8130-8141, 8155, 8190, 8200, 8201, 8211, 8230, 8231, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8430, 8440, 8480, 8481, 8500-8573	C739
	8330-8350	C000-C809
(c) Nasopharyngeal carcinoma	8010-8041, 8050-8075, 8082, 8120-8122, 8130-8141, 8155, 8190, 8200, 8201, 8211, 8230, 8231, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8430, 8440, 8480, 8481, 8504, 8510, 8550, 8560-8573	C110-C119
(d) Malignant melanoma	8720-8780	C000-C809
(e) Skin carcinoma	8010-8041, 8050-8075, 8082, 8090-8110, 8140, 8143, 8147, 8190, 8200, 8240, 8246, 8247, 8260, 8310, 8320, 8323, 8390-8420, 8430, 8480, 8542, 8560, 8570-8573, 8940	C440-C449

continued

Table K.2: SEER Modification of Site Groups for Primary Cancer Sites Based on ICCC *(continued)*

Site Group	Histologic Type	Primary Site
(f) Other and unspecified carcinomas	8010-8082, 8120-8155, 8190-8263, 8290, 8310, 8314-8323, 8430-8440, 8480-8580, 8940, 8941	C000-C109, C129-C218, C239-C399, C480-C488, C500-C559, C570-C619, C630-C639, C659-C729, C750-C809
XII Other and unspecified malignant neoplasms		
(a) Other specified malignant tumors	8930, 8933, 8950, 8951, 8971-8981, 9020, 9050-9053, 9110, 9580	C000-C809
(b) Other unspecified malignant tumors	8000-8004	C000-C218, C239-C399, C420-C559, C570-C619, C630-C639, C659-C699, C739-C750, C754-C809
Not classified by SEER	Site or histology code not found in this table.	

* ICD-O-2 histology and site definitions differ between IARC Technical Report No. 29 and the SEER modification.

ICD-O-2 = *International Classification of Diseases for Oncology*, 2nd ed.; SEER = Surveillance, Epidemiology, and End Results; ICCC = International Classification of Childhood Cancer.

Table K.3: SEER Cause of Death Recodes for Cancer Causes of Death, ICD–10

Cancer Causes of Death	ICD-10 (1999+)
All Malignant Cancers	C00-C97
Oral Cavity and Pharynx	
Lip	C00
Tongue	C01-C02
Salivary Gland	C07-C08
Floor of Mouth	C04
Gum and Other Mouth	C03, C05-C06
Nasopharynx	C11
Tonsil	C09
Oropharynx	C10
Hypopharynx	C12-C13
Other Oral Cavity and Pharynx	C14
Digestive System	
Esophagus	C15
Stomach	C16
Small Intestine	C17
Colon and Rectum	
Colon excluding Rectum	C18, C26.0
Rectum and Rectosigmoid Junction	C19-C20
Anus, Anal Canal and Anorectum	C21
Liver and Intrahepatic Bile Duct	
Liver	C22.0, C22.2-C22.4, C22.7, C22.9
Intrahepatic Bile Duct	C22.1
Gallbladder	C23
Other Biliary	C24
Pancreas	C25
Retroperitoneum	C48.0
Peritoneum, Omentum and Mesentery	C45.1*, C48.1-C48.2
Other Digestive Organs	C26.8-C26.9, C48.8
Respiratory System	
Nose, Nasal Cavity and Middle Ear	C30-C31
Larynx	C32
Lung and Bronchus	C34
Pleura	C38.4, C45.0*
Trachea, Mediastinum and Other Respiratory Organs	C33, C38.1-C38.3, C38.8, C39
Bones and Joints	C40-C41
Soft Tissue including Heart	C47, C49, C38.0, C45.2*
Skin excluding Basal and Squamous	
Melanoma of the Skin	C43
Other Non-Epithelial Skin	C44, C46*
Breast	C50
Female Genital System	
Cervix Uteri	C53
Corpus and Uterus, NOS	
Corpus Uteri	C54
Uterus, NOS	C55
Ovary	C56
Vagina	C52
Vulva	C51
Other Female Genital Organs	C57-C58

continued

Table K.3: SEER Cause of Death Recodes for Cancer Causes of Death, ICD–10 *(continued)*

Cancer Causes of Death	ICD-10 (1999+)
Male Genital System	
Prostate	C61
Testis	C62
Penis	C60
Other Male Genital Organs	C63
Urinary System	
Urinary Bladder	C67
Kidney and Renal Pelvis	C64-C65
Ureter	C66
Other Urinary Organs	C68
Eye and Orbit	C69
Brain and Other Nervous System	C70, C71, C72
Endocrine System	
Thyroid	C73
Other Endocrine including Thymus	C37, C74-C75
Lymphoma	
Hodgkin Lymphoma	C81
Non-Hodgkin Lymphoma	C82-C85, C96.3
Myeloma	C90.0, C90.2
Leukemia	
Lymphocytic Leukemia	
Acute Lymphocytic Leukemia	C91.0
Chronic Lymphocytic Leukemia	C91.1
Other Lymphocytic Leukemia	C91.2-C91.4, C91.7, C91.9
Myeloid and Monocytic Leukemia	
Acute myeloid Leukemia	C92.0, C92.4-C92.5, C94.0, C94.2
Acute Monocytic Leukemia	C93.0
Chronic Myeloid Leukemia	C92.1
Other Myeloid/Monocytic Leukemia	C92.2-C92.3, C92.7, C92.9, C93.1-C93.2, C93.7, C93.9
Other Leukemia	
Other Acute Leukemia	C94.4, C94.5, C95.0
Aleukemic, subleukemic and NOS	C90.1, C91.5, C94.1, C94.3, C94.7, C95.1, C95.2, C95.7, C95.9
Mesothelioma	C45*
Kaposi's Sarcoma	C46*
Miscellaneous Malignant Cancer	C26.1, C45.7*, C45.9*, C76-C80, C88, C96.0-C96.2, C96.7, C96.9, C97

* Mesothelioma (C45) and Kaposi's Sarcoma (C46) can be listed as separate recodes or within site-specific groupings. The table contains both possibilities.

Appendix L

Tables L.1M–L.2

Table L.1M: Population Counts by U.S. Census Region and Division, State and Metropolitan Area, Race and Ethnicity

Males, 2001

Area	All Races	White	Black	Asian/Pacific Islander	Hispanic*
United States	140,075,615	114,828,115	17,724,067	6,008,467	19,180,451
USCS Areas for Incidence†	128,677,202	106,299,947	15,265,856	5,685,947	18,732,042
Northeast	26,093,753	21,525,767	3,245,174	1,206,793	2,729,420
New England	6,806,850	6,137,891	427,562	213,225	455,072
Connecticut	1,665,150	1,441,029	168,906	48,462	167,010
Maine	625,107	610,881	5,237	5,033	5,000
Massachusetts	3,086,982	2,731,519	211,321	133,615	222,155
New Hampshire	619,742	601,750	6,741	9,192	11,158
Rhode Island	509,447	459,059	32,942	14,119	46,955
Vermont	300,422	293,653	2,415	2,804	2,794
Middle Atlantic	19,286,903	15,387,876	2,817,612	993,568	2,274,348
New Jersey	4,133,120	3,253,353	597,249	267,098	595,506
New York	9,207,684	6,941,226	1,604,392	601,731	1,470,106
Pennsylvania	5,946,099	5,193,297	615,971	124,739	208,736
Midwest	31,787,778	27,590,873	3,263,343	695,285	1,742,499
East North Central	22,257,527	18,953,438	2,681,564	509,338	1,378,413
Illinois	6,134,051	4,959,305	913,557	238,393	853,371
Indiana	3,007,724	2,702,003	259,103	36,117	122,923
Michigan	4,909,789	4,069,017	699,400	104,841	177,719
Detroit‡	1,966,396	1,414,747	481,161	61,406	65,177
Ohio	5,534,377	4,789,070	650,187	78,667	115,562
Wisconsin	2,671,586	2,434,043	159,317	51,320	108,838
West North Central	9,530,251	8,637,435	581,779	185,947	364,086
Iowa	1,439,212	1,374,246	37,620	22,041	46,910
Kansas	1,336,438	1,207,039	85,852	28,049	105,930
Minnesota	2,469,226	2,253,440	104,101	80,241	82,047
Missouri	2,742,808	2,380,143	309,259	37,369	64,963
Nebraska	848,421	789,061	37,562	13,309	53,929
North Dakota	317,710	296,334	3,196	2,221	4,375
South Dakota	376,436	337,172	4,189	2,717	5,932
South	49,939,695	38,946,607	9,436,682	1,121,198	6,375,053
South Atlantic	25,800,197	19,499,032	5,520,724	637,272	2,390,935
Delaware	386,968	300,436	75,374	9,447	21,247
District of Columbia	270,504	100,790	160,357	8,206	25,919
Florida	7,998,452	6,560,361	1,242,116	159,279	1,437,233
Georgia	4,139,417	2,862,941	1,159,660	101,443	280,337
Atlanta‡	1,484,816	889,988	517,005	72,084	152,864
Maryland	2,602,472	1,752,132	723,280	117,077	126,350
North Carolina	4,021,896	3,044,101	855,436	67,962	243,819
South Carolina	1,973,957	1,372,391	571,714	21,673	60,186
Virginia	3,530,415	2,668,482	701,684	146,653	189,319
West Virginia	876,116	837,398	31,103	5,532	6,525
East South Central	8,333,178	6,566,811	1,651,719	80,527	184,787
Alabama	2,159,053	1,579,145	548,670	18,363	45,874
Kentucky	1,989,713	1,814,054	152,561	17,759	37,727

continued

Table L.1M: Population Counts by U.S. Census Region and Division, State and Metropolitan Area, Race and Ethnicity *(continued)*

Males, 2001

Area	All Races	White	Black	Asian/Pacific Islander	Hispanic*
Mississippi	1,382,435	870,723	494,659	10,675	23,667
Tennessee	2,801,977	2,302,889	455,829	33,730	77,519
West South Central	15,806,320	12,880,764	2,264,239	403,399	3,799,331
Arkansas	1,316,246	1,088,730	204,873	12,489	51,820
Louisiana	2,165,065	1,423,389	695,127	32,236	57,140
Oklahoma	1,707,194	1,384,822	140,351	28,569	100,441
Texas	10,617,815	8,983,823	1,223,888	330,105	3,589,930
West	32,254,389	26,764,868	1,778,868	2,985,191	8,333,479
Mountain	9,353,971	8,456,537	328,390	226,523	1,947,109
Arizona	2,650,099	2,350,023	99,521	58,564	721,044
Colorado	2,231,360	2,041,185	102,290	58,141	411,304
Idaho	661,809	638,761	4,919	7,698	58,017
Montana	451,148	415,719	2,653	2,683	9,336
Nevada	1,068,588	918,161	79,166	54,351	230,449
New Mexico	900,098	774,789	23,020	12,345	385,568
Utah	1,142,446	1,079,961	14,062	31,099	114,708
Wyoming	248,423	237,938	2,759	1,642	16,683
Pacific	22,900,418	18,308,331	1,450,478	2,758,668	6,386,370
Alaska	327,461	242,964	14,446	15,729	13,992
California	17,249,786	13,698,601	1,252,096	2,057,822	5,917,217
San Francisco-Oakland‡	2,070,198	1,409,745	205,803	437,886	399,568
San Jose-Monterey‡	1,226,685	909,022	40,991	262,583	372,027
Los Angeles‡	4,786,766	3,647,561	474,824	603,053	2,233,360
Hawaii	615,444	159,878	19,366	433,787	43,027
Oregon	1,723,378	1,594,667	38,072	62,195	161,979
Washington	2,984,349	2,612,221	126,498	189,135	250,155
Seattle-Puget Sound‡	2,050,082	1,735,324	110,236	169,134	123,720

* Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
† Population estimates for all geographic areas combined that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Populations covered represent approximately 92% of the U.S. population.
‡ The populations of the metropolitan areas of Detroit, Atlanta, San Francisco-Oakland, San Jose-Monterey, Los Angeles, and Seattle-Puget Sound are shown separately because these populations have separate metropolitan area Surveillance, Epidemiology, and End Results (SEER) cancer registries. State population totals include the populations of the SEER metropolitan areas.

Source: Census Bureau population figures, as modified by the SEER program. Available from: http://www.seer.cancer.gov/popdata [accessed May 19, 2004].

Table L.1F: Population Counts by U.S. Census Region and Division, State and Metropolitan Area, Race and Ethnicity

Females, 2001

Area	All Races	White	Black	Asian/Pacific Islander	Hispanic*
United States	145,241,957	117,814,223	19,512,191	6,394,512	18,047,722
USCS Areas for Incidence†	133,256,937	109,017,038	16,765,631	6,043,423	17,665,330
Northeast	27,857,060	22,817,407	3,680,220	1,242,629	2,750,081
New England	7,245,390	6,533,647	458,933	224,555	460,340
Connecticut	1,769,452	1,526,974	185,831	50,270	166,991
Maine	659,368	644,966	4,006	6,113	4,809
Massachusetts	3,314,185	2,935,751	227,888	139,879	227,158
New Hampshire	639,617	622,270	5,661	9,825	10,479
Rhode Island	550,212	497,973	33,566	15,130	48,119
Vermont	312,556	305,713	1,981	3,338	2,784
Middle Atlantic	20,611,670	16,283,760	3,221,287	1,018,074	2,289,741
New Jersey	4,377,999	3,423,391	665,744	274,320	579,624
New York	9,876,666	7,332,739	1,867,967	614,480	1,511,853
Pennsylvania	6,357,005	5,527,630	687,576	129,274	198,264
Midwest	33,032,040	28,476,791	3,593,272	722,151	1,533,556
East North Central	23,191,442	19,569,536	2,981,460	527,604	1,221,277
Illinois	6,386,176	5,081,510	1,033,417	248,983	759,047
Indiana	3,119,019	2,790,523	281,340	37,345	102,574
Michigan	5,096,477	4,177,237	776,180	105,953	159,369
Detroit‡	2,088,606	1,458,880	558,625	61,281	58,754
Ohio	5,855,409	5,035,239	720,544	83,260	107,902
Wisconsin	2,734,361	2,485,027	169,979	52,063	92,385
West North Central	9,840,598	8,907,255	611,812	194,547	312,279
Iowa	1,492,755	1,429,802	34,944	22,585	39,062
Kansas	1,365,687	1,236,895	84,555	29,008	91,895
Minnesota	2,515,309	2,301,684	98,584	83,143	69,170
Missouri	2,894,501	2,488,446	350,222	40,100	58,101
Nebraska	871,618	810,117	38,442	14,265	45,061
North Dakota	318,840	297,531	2,300	2,456	3,802
South Dakota	381,888	342,780	2,765	2,990	5,188
South	52,014,252	39,926,686	10,458,568	1,197,542	5,934,667
South Atlantic	27,001,265	20,036,486	6,134,436	692,189	2,168,904
Delaware	409,631	314,234	83,593	10,111	18,125
District of Columbia	303,318	99,961	191,947	10,178	23,205
Florida	8,374,878	6,824,396	1,337,534	179,095	1,429,783
Georgia	4,266,260	2,854,878	1,293,357	104,901	197,494
Atlanta‡	1,522,543	863,829	581,735	72,188	105,962
Maryland	2,783,607	1,823,306	823,370	126,811	116,819
North Carolina	4,184,209	3,097,243	960,593	71,203	169,605
South Carolina	2,088,168	1,408,556	648,180	23,589	42,167
Virginia	3,666,335	2,727,385	765,344	160,467	165,747
West Virginia	924,859	886,527	30,518	5,834	5,959
East South Central	8,813,681	6,832,007	1,861,142	87,647	134,494
Alabama	2,309,859	1,644,784	632,064	20,326	35,372
Kentucky	2,079,103	1,895,274	159,890	19,067	26,411

continued

Table L.1F: Population Counts by U.S. Census Region and Division, State and Metropolitan Area, Race and Ethnicity *(continued)*

Females, 2001

Area	All Races	White	Black	Asian/Pacific Islander	Hispanic*
Mississippi	1,477,298	900,169	558,534	12,017	17,690
Tennessee	2,947,421	2,391,780	510,654	36,237	55,021
West South Central	16,199,306	13,058,193	2,462,990	417,706	3,631,269
Arkansas	1,378,452	1,125,311	229,146	13,609	40,749
Louisiana	2,305,303	1,479,050	779,977	32,161	54,514
Oklahoma	1,762,383	1,428,722	144,237	30,536	85,614
Texas	10,753,168	9,025,110	1,309,630	341,400	3,450,392
West	32,338,605	26,593,339	1,780,131	3,232,190	7,829,418
Mountain	9,311,074	8,398,205	304,428	254,019	1,815,047
Arizona	2,656,867	2,352,232	91,457	64,613	672,195
Colorado	2,199,629	2,011,121	95,245	64,552	374,364
Idaho	658,776	635,611	3,732	8,811	50,239
Montana	454,234	418,477	1,871	3,487	9,153
Nevada	1,029,134	871,724	77,275	63,386	201,476
New Mexico	930,837	799,232	21,272	14,394	392,652
Utah	1,136,266	1,074,810	11,358	32,703	99,275
Wyoming	245,331	234,998	2,218	2,073	15,693
Pacific	23,027,531	18,195,134	1,475,703	2,978,171	6,014,371
Alaska	306,169	221,712	13,334	17,188	13,077
California	17,350,677	13,589,878	1,302,309	2,221,635	5,610,480
San Francisco-Oakland‡	2,117,387	1,395,016	226,391	479,645	367,976
San Jose-Monterey‡	1,189,226	875,199	34,680	266,050	335,919
Los Angeles‡	4,890,454	3,625,972	540,800	664,570	2,182,799
Hawaii	611,581	138,431	13,756	457,303	41,199
Oregon	1,750,063	1,619,171	33,988	68,331	131,948
Washington	3,009,041	2,625,942	112,316	213,714	217,667
Seattle-Puget Sound‡	2,066,175	1,740,362	99,127	191,083	106,292

* Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).
† Population estimates for all geographic areas combined that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Populations covered represent approximately 92% of the U.S. population.
‡ The populations of the metropolitan areas of Detroit, Atlanta, San Francisco-Oakland, San Jose-Monterey, Los Angeles, and Seattle-Puget Sound are shown separately because these populations have separate metropolitan area Surveillance, Epidemiology, and End Results (SEER) cancer registries. State population totals include the populations of the SEER metropolitan areas.

Source: Census Bureau population figures, as modified by the SEER program. Available from: http://www.seer.cancer.gov/popdata [accessed May 19, 2004].

Table L.2: Population Counts for Ages 0-19, United States, 2001

A. By Sex and Race

Sex	All Races	White	Black	Asian/Pacific Islander	Hispanic*
Incidence†					
Male	38,054,953	30,057,881	5,759,440	1,699,121	7,098,202
Female	36,201,900	28,468,064	5,577,837	1,635,842	6,699,224
Mortality‡					
Male	41,382,411	32,355,957	6,658,139	1,794,118	7,247,904
Female	39,371,020	30,635,847	6,452,179	1,728,386	6,836,490

B. By Age (years)

	0-14	0-19	<1	1-4	5-9	10-14	15-19
Incidence†							
All Races, Male and Female	55,629,754	74,256,853	3,702,442	14,106,315	18,596,656	19,224,341	18,627,099
Mortality‡							
All Races, Male and Female	60,482,119	80,753,431	4,030,590	15,332,965	20,208,124	20,910,440	20,271,312

* Hispanic origin is not mutually exclusive from race categories (white, black, Asian/Pacific Islander).

† Population estimates for all geographic areas combined that meet the data quality criteria for all invasive cancer sites combined. See Appendix J for data quality criteria and registry-specific data quality information. Populations covered represent approximately 92% of the U.S. population.

‡ Population estimates for entire United States.

Source: Census Bureau population figures, as modified by the SEER program. Available from: http://www.seer.cancer.gov/popdata [accessed May 19, 2004].

Appendix M

Criteria for Reporting Age-Adjusted Cancer Incidence Rates for U.S. Census Regions and Divisions

The annual age-adjusted cancer incidence rates for some U.S. census regions and divisions are not available because the data from the cancer registries of some states in those regions or divisions do not meet the eligibility criteria for inclusion in this report. In contrast, the annual age-adjusted cancer death rates are available for all states in every census region or division. However, the age-adjusted incidence rate for census regions or divisions in which the data of less than 100% of the cancer registries meet eligibility criteria can be estimated by assuming the following: the incidence-to-mortality ratio for states *without* eligible cancer registry data in that census region or division equals the incidence-to-mortality ratio for states *with* eligible cancer registry data in that census region or division.

Let

M_1 = age-adjusted death rate in states with eligible cancer registries

M_0 = age-adjusted death rate in states without eligible cancer registries

I_1 = age-adjusted incidence rate in states with eligible cancer registries

I_0 = age-adjusted incidence rate in states without eligible cancer registries (incidence data are not available)

P_1 = Proportion of the population in the census region or division that resides in states with eligible cancer registries

$R = (M_0/M_1)$

$\hat{I}_{total}$ = age-adjusted incidence rate for the entire census region or division where "eligible" refers to the state and metropolitan area cancer registries that meet this report's data quality criteria for all invasive cancer sites combined. Since we are assuming that

$$\frac{I_1}{M_1} = \frac{I_0}{M_0},$$

the estimate of the age-adjusted incidence rate for states without eligible cancer registries is

$$I_0 = I_1 \left(\frac{M_0}{M_1}\right) = I_1 R.$$

Thus, an estimate of the age-adjusted incidence rate for 100% of the census region or division is computed as the following weighted average:

$$\hat{I}_{total} = P_1 I_1 + (1 - P_1) I_0 = P_1 I_1 + (1 - P_1) I_1 R$$
$$= I_1 (P_1 + (1 - P_1) R).$$

As an example, consider invasive female breast cancer in a hypothetical census region with seven states. Incidence data for five states that cover 86.3% of the population ($P_1 = 0.863$) are eligible for inclusion in the calculation of the regional incidence rate; data for two states are not eligible. The female breast cancer death rate for the five eligible states is

$$M_1 = \frac{27.3}{10^5},$$

and the rate for the two ineligible states is

$$M_0 = \frac{27.7}{10^5}.$$

The age-adjusted incidence rate for states with eligible cancer registries is

$$I_1 = \frac{145.1}{10^5}.$$

The age-adjusted incidence rate for female invasive breast cancer in the entire census region (i.e., corrected for the data not available from the ineligible registries) is

$$\hat{I}_{total} = \frac{145.1}{10^5} * [0.863 + 0.137 \left(\frac{27.7}{27.3}\right)] = \frac{145.39}{10^5}.$$

The underlying assumptions for this method are that the age-adjusted death rates for states with and without eligible cancer registries are accurate and that the incidence-to-mortality ratio for states without eligible cancer registries in that census region or division equals the incidence-to-mortality ratio for states with eligible cancer registries in that census region or division.

For each census region or division in which less than 100% of the registries provided data eligible for this report, we used the above-described method to estimate the age-adjusted incidence rates ($\hat{I}_{total}$) for the six major cancer sex-site groups: breast (female only), prostate, male and female colorectal, and male and female lung and

bronchus. If the estimate of the age-adjusted incidence rate for each of the six cancer sites for that census region or division falls within the confidence interval of the observed age-adjusted incidence rate for states with eligible cancer registries, then the observed age-adjusted incidence rates for *all* cancer sites are published. If one or more of the six estimates of age-adjusted incidence rates falls outside the confidence interval, then the observed age-adjusted cancer incidence rates are not reported for that U.S. census region or division.

We emphasize, however, that all cancer incidence rates in this report (1) are based exclusively on data obtained from states with eligible cancer registries and (2) are not the estimates of the age-adjusted incidence rates calculated using the methods described in this appendix.

List of Abbreviations

CDC	Centers for Disease Control and Prevention
CI	Confidence interval
IARC	International Agency for Research on Cancer
IBD	Intrahepatic bile duct
ICCC	*International Classification of Childhood Cancer*
ICD–9	*International Classification of Diseases*, *Ninth Revision*
ICD–O	*International Classification of Diseases for Oncology*
ICD–10	*International Classification of Diseases*, *Tenth Revision*
NAACCR	North American Association of Central Cancer Registries
NCHS	National Center for Health Statistics
NCI	National Cancer Institute
NIH	National Institutes of Health
NOS	Not otherwise specified
NPCR	National Program of Cancer Registries
ONS	Other nervous system
SEER	Surveillance, Epidemiology, and End Results
USCS	United States Cancer Statistics