

Deaths: Leading Causes for 2002

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Abstract

Objectives—This report presents final 2002 data on the 10 leading causes of death in the United States by age, race, sex, and Hispanic origin. Leading causes of infant, neonatal, and postneonatal death are also presented. This report supplements the annual report of final mortality statistics.

Methods—Data in this report are based on information from all death certificates filed in the 50 States and the District of Columbia in 2002. Causes of death classified by the *International Classification of Diseases, Tenth Revision* (ICD-10) are ranked according to the number of deaths assigned to rankable causes.

Results—In 2002, the 10 leading causes of death were (in rank order) Diseases of heart; Malignant neoplasms; Cerebrovascular diseases; Chronic lower respiratory diseases; Accidents (unintentional injuries); Diabetes mellitus; Influenza and pneumonia; Alzheimer's disease; Nephritis, nephrotic syndrome and nephrosis; and Septicemia and accounted for about 79 percent of all deaths occurring in the United States. Differences in the rankings are evident by age, sex, race, and Hispanic origin. Leading causes of infant death for 2002 were (in rank order) Congenital malformations, deformations and chromosomal abnormalities; Disorders related to short gestation and low birthweight, not elsewhere classified; Sudden infant death syndrome; Newborn affected by maternal complications of pregnancy; Newborn affected by complications of placenta, cord and membranes; Accidents (unintentional injuries); Respiratory distress of newborn; Bacterial sepsis of newborn; Diseases of the circulatory system; and Intrauterine hypoxia and birth asphyxia. Important variation in the leading causes of infant death is noted for the neonatal and postneonatal periods.

Keywords: deaths • mortality • leading causes of death • vital statistics

Introduction

Ranking causes of death is a popular method of presenting mortality statistics. Leading cause-of-death data have been published since 1952 (beginning with 1949 mortality data), when official tabulations ranking causes of death were first introduced (1). Those

who use this method should be aware of its inherent limitations. Ranking causes of death is to some extent an arbitrary procedure. The rank order of any particular cause of death will depend on the list of causes from which selection is made and on the rules applied in making the selection. Different cause lists and different ranking rules will typically produce different leading causes of death. Recognizing the need for a consistent ranking procedure to be used by State health departments and the National Office of Vital Statistics, in 1951 the Public Health Conference on Records and Statistics recommended that State and Federal agencies responsible for identifying diseases of public health importance adopt a uniform ranking procedure using a standard list of causes of death (2). The procedures implemented in 1952 are essentially the same as those used currently by the Centers for Disease Control and Prevention's National Center for Health Statistics (NCHS); however, the cause-of-death lists have been expanded and altered over time with each subsequent revision of the *International Classification of Diseases* (ICD).

Cause-of-death ranking is a useful tool for illustrating the relative burden of cause-specific mortality. However, it should be used with a clear understanding of what the rankings mean. Literally, the rankings denote the most frequently occurring causes of death among those causes eligible to be ranked. The rankings do not necessarily denote the causes of death of greatest public health importance. Some causes of death of public health import are excluded from the ranking procedure. For example, Malignant neoplasms of the trachea, bronchus

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and lung (lung cancer) and Motor vehicle accidents are not rankable causes of death (see “Procedures for ranking causes of death”), though they can be identified using the standard mortality tabulation lists. Were they included in the rankings (and all other rankable causes remained the same), both causes would be placed among the 10 leading causes of death—lung cancer would rank third and Motor vehicle accidents would rank ninth. However, each of these causes is subsumed in broader rankable categories; namely, Malignant neoplasms and Accidents (unintentional injuries), respectively. Although not perfectly suitable in all circumstances, the current framework provides a rankable list of causes of death that has broad appeal to and acceptance in the general public health community.

This report presents final 2002 data on leading causes of death in the United States by age, race, sex, and Hispanic origin. These data accompany the release of final national mortality statistics for 2002, which are presented in a separate report (3). Further age detail beyond that published in this report is provided in tables published on the NCHS Web site’s “Data Warehouse” (<http://www.cdc.gov/nchs>). Also presented in this report is the procedure used by NCHS to rank causes of death along with tables showing causes that are designated as rankable.

Data and Methods

Data

Data in this report are based on information from all death certificates filed in the 50 States and the District of Columbia in 2002. Death certificates are generally completed by funeral directors, attending physicians, medical examiners, and coroners. Cause-of-death statistics for 2002 presented in this report are classified in accordance with the ICD-10 (4).

Procedures for ranking causes of death

The procedures used by NCHS for ranking causes of death are consistent with the recommendations of the 1951 Public Health Conference on Records and Statistics (2). Causes are ranked according to the number of deaths assigned to rankable causes. The number of deaths is used as the ranking criteria because it most accurately reflects the frequency of cause-specific mortality. Although crude death rates technically could be used as a ranking criteria—the population denominator of the rate is constant across all cause-of-death categories—they are less than ideal. Crude death rates are typically expressed per 100,000 population and are often rounded to one decimal place, reducing the precision of the ranking criteria. This is especially problematic when ranking causes of death for small population subgroups or geographic areas, as it may be impossible to differentiate the ranks for several causes. Age-adjusted death rates should never be used to rank causes of death. The numerical value of the age-adjusted death rate depends on the population age distribution used to standardize the rate (5). Thus, rankings based on age-adjusted death rates will tend to vary depending on which standard is used. For example, when the standard age distribution gives more weight to the older population, the rank of causes of death that primarily affect the older population tends to be higher, and the rank of causes that primarily affect the younger population tends to be lower.

The original cause list from which rankable causes of death were selected according to the recommendations of the 1951 conference was the “List of 64 selected causes of death” prepared for use with the sixth revision of the ICD (2). With each subsequent revision of the ICD, the cause list from which rankable causes are selected has changed to reflect the improved classification system. Developed for use with ICD-10, the “List of 113 selected causes of death” (6) shown in [table A](#) is used to select 50 rankable causes (denoted by the symbol #) from which the leading causes presented in [tables 1](#) and [2](#) are derived.

The selection of the 50 rankable causes from the “List of 113 selected causes of death” was guided by some basic principles. As in the past, vaguely defined categories were summarily excluded from selection as rankable causes. These included the category “Symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified” and all categories beginning with the words “other,” “all other,” “certain other,” or “unspecified.” Among the remaining cause-of-death categories, decisions were made to select as rankable the causes of death considered most useful from a public health perspective, with the following condition: the rankable causes must be mutually exclusive. If a category representing a subtotal (such as Tuberculosis or Malignant neoplasms) is selected as a rankable cause, its component parts are not selected as rankable. Efforts were also made to maintain historical continuity where possible.

Beginning with 1980 mortality data, NCHS introduced a separate ranking procedure for infant causes of death, using a specialized list of infant causes. This was done to include in the rankings those causes specific to infancy (especially the perinatal period—the period beginning shortly before and ending shortly after birth) that would otherwise be excluded. The ICD-10 “List of 130 selected causes of infant death” (6) ([table B](#)) is used to select 71 rankable causes of infant death from which the rankings in [tables 3](#) and [4](#) are derived. The same principles for selecting the rankable causes from the “List of 113 selected causes of death” guided the selection of rankable causes from the infant cause list.

Age groupings

Leading causes of death for those aged 1 year and over are presented in [tables 1](#) and [2](#) for the following age categories: 1–4, 5–9, 10–14, 15–19, 20–24, 25–34, 35–44, 45–54, 55–64, 65 years and over, 65–74, 75–84, and 85 years and over. These age categories respond to an increasing number of requests from data users for more age detail and represent a substantial expansion from the age categories previously used to present leading-cause data (1–4, 5–14, 15–24, 25–44, 45–64, and 65 years and over) (7). Leading causes by further age detail along with the previously used age categories are published on the NCHS Web site (<http://www.cdc.gov/nchs>). [Tables 3](#) and [4](#), which present data for infants (under 1 year), also show leading causes of death for the age subcategories neonatal (under 28 days) and postneonatal (28 days to 11 months).

The age grouping used when ranking causes of death can affect the rankings assigned to any particular age (8). For example, in 2002, the rankings for the 10 leading causes of death for a 45-year-old male were slightly different depending on whether one used the age group 45–49 or 45–54 years. To illustrate, the category Chronic lower respiratory diseases (CLRD) was not ranked among the 10 leading causes for 45–49-year-old men, but was ranked ninth for men aged 45–54 years. Homicide was ranked 10th for men aged 45–49 years,

Table A. List of 113 selected causes of death[The asterisk (*) preceding cause-of-death codes indicates they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Number | Cause of death (<i>International Classification of Diseases, Tenth Revision, 1992</i>) | |
|--------|---|---|
| 1# | Salmonella infections | (A01–A02) |
| 2# | Shigellosis and amebiasis | (A03,A06) |
| 3 | Certain other intestinal infections | (A04,A07–A09) |
| # | Tuberculosis | (A16–A19) |
| 4 | Respiratory tuberculosis | (A16) |
| 5 | Other tuberculosis | (A17–A19) |
| 6# | Whooping cough | (A37) |
| 7# | Scarlet fever and erysipelas | (A38,A46) |
| 8# | Meningococcal infection | (A39) |
| 9# | Septicemia | (A40–A41) |
| 10# | Syphilis | (A50–A53) |
| 11# | Acute poliomyelitis | (A80) |
| 12# | Arthropod-borne viral encephalitis | (A83–A84,A85.2) |
| 13# | Measles | (B05) |
| 14# | Viral hepatitis | (B15–B19) |
| 15# | Human immunodeficiency virus (HIV) disease | (B20–B24) |
| 16# | Malaria | (B50–B54) |
| 17 | Other and unspecified infectious and parasitic diseases and their sequelae | (A00,A05,A20–A36,A42–A44,A48–A49,A54–A79,A81–A82, A85.0–A85.1,A85.8,A86–B04,B06–B09,B25–B49,B55–B99) |
| # | Malignant neoplasms | (C00–C97) |
| 18 | Malignant neoplasms of lip, oral cavity and pharynx | (C00–C14) |
| 19 | Malignant neoplasm of esophagus | (C15) |
| 20 | Malignant neoplasm of stomach | (C16) |
| 21 | Malignant neoplasms of colon, rectum and anus | (C18–C21) |
| 22 | Malignant neoplasms of liver and intrahepatic bile ducts | (C22) |
| 23 | Malignant neoplasm of pancreas | (C25) |
| 24 | Malignant neoplasm of larynx | (C32) |
| 25 | Malignant neoplasms of trachea, bronchus and lung | (C33–C34) |
| 26 | Malignant melanoma of skin | (C43) |
| 27 | Malignant neoplasm of breast | (C50) |
| 28 | Malignant neoplasm of cervix uteri | (C53) |
| 29 | Malignant neoplasms of corpus uteri and uterus, part unspecified | (C54–C55) |
| 30 | Malignant neoplasm of ovary | (C56) |
| 31 | Malignant neoplasm of prostate | (C61) |
| 32 | Malignant neoplasms of kidney and renal pelvis | (C64–C65) |
| 33 | Malignant neoplasm of bladder | (C67) |
| 34 | Malignant neoplasms of meninges, brain and other parts of central nervous system | (C70–C72) |
| | Malignant neoplasms of lymphoid, hematopoietic and related tissue | (C81–C96) |
| 35 | Hodgkin's disease | (C81) |
| 36 | Non-Hodgkin's lymphoma | (C82–C85) |
| 37 | Leukemia | (C91–C95) |
| 38 | Multiple myeloma and immunoproliferative neoplasms | (C88,C90) |
| 39 | Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | (C96) |
| 40 | All other and unspecified malignant neoplasms | (C17,C23–C24,C26–C31,C37–C41,C44–C49,C51–C52,C57–C60,C62–C63,C66, C68–C69,C73–C80,C97) |
| 41# | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior | (D00–D48) |
| 42# | Anemias | (D50–D64) |
| 43# | Diabetes mellitus | (E10–E14) |
| # | Nutritional deficiencies | (E40–E64) |
| 44 | Malnutrition | (E40–E46) |
| 45 | Other nutritional deficiencies | (E50–E64) |
| 46# | Meningitis | (G00,G03) |
| 47# | Parkinson's disease | (G20–G21) |
| 48# | Alzheimer's disease | (G30) |
| # | Major cardiovascular diseases | (I00–I78) |
| | Diseases of heart | (I00–I09,I11,I13,I20–I51) |
| 49 | Acute rheumatic fever and chronic rheumatic heart diseases | (I00–I09) |
| 50 | Hypertensive heart disease | (I11) |
| 51 | Hypertensive heart and renal disease | (I13) |
| | Ischemic heart diseases | (I20–I25) |
| 52 | Acute myocardial infarction | (I21–I22) |
| 53 | Other acute ischemic heart diseases | (I24) |
| | Other forms of chronic ischemic heart disease | (I20,I25) |
| 54 | Atherosclerotic cardiovascular disease, so described | (I25.0) |
| 55 | All other forms of chronic ischemic heart disease | (I20,I25.1–I25.9) |
| | Other heart diseases | (I26–I51) |
| 56 | Acute and subacute endocarditis | (I33) |
| 57 | Diseases of pericardium and acute myocarditis | (I30–I31,I40) |
| 58 | Heart failure | (I50) |

See note at end of table.

Table A. List of 113 selected causes of death—Con.[The asterisk (*) preceding cause-of-death codes indicates they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Number | Cause of death (<i>International Classification of Diseases, Tenth Revision, 1992</i>) | |
|--------|--|---|
| 59 | All other forms of heart disease | (I26–I28,I34–I38,I42–I49,I51) |
| 60# | Essential (primary) hypertension and hypertensive renal disease | (I10,I12) |
| 61# | Cerebrovascular diseases | (I60–I69) |
| 62# | Atherosclerosis | (I70) |
| | Other diseases of circulatory system | (I71–I78) |
| 63# | Aortic aneurysm and dissection | (I71) |
| 64 | Other diseases of arteries, arterioles and capillaries | (I72–I78) |
| 65 | Other disorders of circulatory system | (I80–I99) |
| # | Influenza and pneumonia | (J10–J18) |
| 66 | Influenza | (J10–J11) |
| 67 | Pneumonia | (J12–J18) |
| | Other acute lower respiratory infections | (J20–J22) |
| 68# | Acute bronchitis and bronchiolitis | (J20–J21) |
| 69 | Unspecified acute lower respiratory infection | (J22) |
| # | Chronic lower respiratory diseases | (J40–J47) |
| 70 | Bronchitis, chronic and unspecified | (J40–J42) |
| 71 | Emphysema | (J43) |
| 72 | Asthma | (J45–J46) |
| 73 | Other chronic lower respiratory diseases | (J44,J47) |
| 74# | Pneumoconioses and chemical effects | (J60–J66,J68) |
| 75# | Pneumonitis due to solids and liquids | (J69) |
| 76 | Other diseases of respiratory system | (J00–J06,J30–J39,J67,J70–J98) |
| 77# | Peptic ulcer | (K25–K28) |
| 78# | Diseases of appendix | (K35–K38) |
| 79# | Hernia | (K40–K46) |
| # | Chronic liver disease and cirrhosis | (K70,K73–K74) |
| 80 | Alcoholic liver disease | (K70) |
| 81 | Other chronic liver disease and cirrhosis | (K73–K74) |
| 82# | Cholelithiasis and other disorders of gallbladder | (K80–K82) |
| # | Nephritis, nephrotic syndrome and nephrosis | (N00–N07,N17–N19,N25–N27) |
| 83 | Acute and rapidly progressive nephritic and nephrotic syndrome | (N00–N01,N04) |
| 84 | Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified | (N02–N03,N05–N07,N26) |
| 85 | Renal failure | (N17–N19) |
| 86 | Other disorders of kidney | (N25,N27) |
| 87# | Infections of kidney | (N10–N12,N13.6,N15.1) |
| 88# | Hyperplasia of prostate | (N40) |
| 89# | Inflammatory diseases of female pelvic organs | (N70–N76) |
| # | Pregnancy, childbirth and the puerperium | (O00–O99) |
| 90 | Pregnancy with abortive outcome | (O00–O07) |
| 91 | Other complications of pregnancy, childbirth and the puerperium | (O10–O99) |
| 92# | Certain conditions originating in the perinatal period | (P00–P96) |
| 93# | Congenital malformations, deformations and chromosomal abnormalities | (Q00–Q99) |
| 94 | Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified | (R00–R99) |
| 95 | All other diseases | (Residual) |
| # | Accidents (unintentional injuries) | (V01–X59,Y85–Y86) |
| | Transport accidents | (V01–V99,Y85) |
| 96 | Motor vehicle accidents | (V02–V04,V09.0,V09.2,V12–V14,V19.0–V19.2,V19.4–V19.6,V20–V79,V80.3–V80.5,V81.0–V81.1,V82.0–V82.1, V83–V86,V87.0–V87.8,V88.0–V88.8,V89.0,V89.2) |
| 97 | Other land transport accidents | (V01,V05–V06,V09.1,V09.3–V09.9,V10–V11,V15–V18,V19.3,V19.8–V19.9,V80.0–V80.2,V80.6–V80.9,V81.2–V81.9, V82.2–V82.9,V87.9,V88.9,V89.1,V89.3,V89.9) |
| 98 | Water, air and space, and other and unspecified transport accidents and their sequelae | (V90–V99,Y85) |
| | Nontransport accidents | (W00–X59,Y86) |
| 99 | Falls | (W00–W19) |
| 100 | Accidental discharge of firearms | (W32–W34) |
| 101 | Accidental drowning and submersion | (W65–W74) |
| 102 | Accidental exposure to smoke, fire and flames | (X00–X09) |
| 103 | Accidental poisoning and exposure to noxious substances | (X40–X49) |
| 104 | Other and unspecified nontransport accidents and their sequelae | (W20–W31,W35–W64,W75–W99,X10–X39,X50–X59,Y86) |
| # | Intentional self-harm (suicide) | (*U03,X60–X84,Y87.0) |
| 105 | Intentional self-harm (suicide) by discharge of firearms | (X72–X74) |
| 106 | Intentional self-harm (suicide) by other and unspecified means and their sequelae | (*U03,X60–X71,X75–X84,Y87.0) |
| # | Assault (homicide) | (*U01–*U02,X85–Y09,Y87.1) |
| 107 | Assault (homicide) by discharge of firearms | (*U01.4,X93–X95) |
| 108 | Assault (homicide) by other and unspecified means and their sequelae | (*U01.0–*U01.3,*U01.5–*U01.9,*U02,X85–X92,X96–Y09,Y87.1) |
| 109# | Legal intervention | (Y35,Y89.0) |
| | Events of undetermined intent | (Y10–Y34,Y87.2,Y89.9) |
| 110 | Discharge of firearms, undetermined intent | (Y22–Y24) |
| 111 | Other and unspecified events of undetermined intent and their sequelae | (Y10–Y21,Y25–Y34,Y87.2,Y89.9) |
| 112# | Operations of war and their sequelae | (Y36,Y89.1) |
| 113# | Complications of medical and surgical care | (Y40–Y84,Y88) |

NOTE: The causes designated by # are ranked to determine leading causes of death for specified population groups.

Table B. List of 130 selected causes of infant death[The asterisk (*) preceding cause-of-death codes indicates they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Number | Cause of death (<i>International Classification of Diseases, Tenth Revision, 1992</i>) | |
|--------|---|---|
| | Certain infectious and parasitic diseases | (A00–B99) |
| 1 | Certain intestinal infectious diseases | (A00–A08) |
| 2# | Diarrhea and gastroenteritis of infectious origin | (A09) |
| 3# | Tuberculosis | (A16–A19) |
| 4# | Tetanus | (A33, A35) |
| 5# | Diphtheria | (A36) |
| 6# | Whooping cough | (A37) |
| 7# | Meningococcal infection | (A39) |
| 8# | Septicemia | (A40–A41) |
| 9# | Congenital syphilis | (A50) |
| 10# | Gonococcal infection | (A54) |
| | Viral diseases | (A80–B34) |
| 11# | Acute poliomyelitis | (A80) |
| 12# | Varicella (chickenpox) | (B01) |
| 13# | Measles | (B05) |
| 14# | Human immunodeficiency virus (HIV) disease | (B20–B24) |
| 15# | Mumps | (B26) |
| 16 | Other and unspecified viral diseases | (A81–B00, B02–B04, B06–B19, B25, B27–B34) |
| 17# | Candidiasis | (B37) |
| 18# | Malaria | (B50–B54) |
| 19# | Pneumocystosis | (B59) |
| 20 | All other and unspecified infectious and parasitic diseases | (A20–A32, A38, A42–A49, A51–A53, A55–A79, B35–B36, B38–B49, B55–B58, B60–B99) |
| | Neoplasms | (C00–D48) |
| # | Malignant neoplasms | (C00–C97) |
| 21 | Hodgkin's disease and non-Hodgkin's lymphomas | (C81–C85) |
| 22 | Leukemia | (C91–C95) |
| 23 | Other and unspecified malignant neoplasms | (C00–C80, C88, C90, C96–C97) |
| 24# | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior | (D00–D48) |
| # | Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism | (D50–D89) |
| 25 | Anemias | (D50–D64) |
| 26 | Hemorrhagic conditions and other diseases of blood and blood-forming organs | (D65–D76) |
| 27 | Certain disorders involving the immune mechanism | (D80–D89) |
| | Endocrine, nutritional and metabolic diseases | (E00–E88) |
| 28# | Short stature, not elsewhere classified | (E34.3) |
| 29# | Nutritional deficiencies | (E40–E64) |
| 30# | Cystic fibrosis | (E84) |
| 31# | Volume depletion, disorders of fluid, electrolyte and acid–base balance | (E86–E87) |
| 32 | All other endocrine, nutritional and metabolic diseases | (E00–E32, E34.0–E34.2, E34.4–E34.9, E65–E83, E85, E88) |
| | Diseases of the nervous system | (G00–G98) |
| 33# | Meningitis | (G00, G03) |
| 34# | Infantile spinal muscular atrophy, type I (Werdnig-Hoffman) | (G12.0) |
| 35# | Infantile cerebral palsy | (G80) |
| 36# | Anoxic brain damage, not elsewhere classified | (G93.1) |
| 37 | Other diseases of nervous system | (G04, G06–G11, G12.1–G12.9, G20–G72, G81–G92, G93.0, G93.2–G93.9, G95–G98) |
| 38# | Diseases of the ear and mastoid process | (H60–H93) |
| # | Diseases of the circulatory system | (I00–I99) |
| 39 | Pulmonary heart disease and diseases of pulmonary circulation | (I26–I28) |
| 40 | Pericarditis, endocarditis and myocarditis | (I30, I33, I40) |
| 41 | Cardiomyopathy | (I42) |
| 42 | Cardiac arrest | (I46) |
| 43 | Cerebrovascular diseases | (I60–I69) |
| 44 | All other diseases of circulatory system | (I00–I25, I31, I34–I38, I44–I45, I47–I51, I70–I99) |
| | Diseases of the respiratory system | (J00–J98) |
| 45# | Acute upper respiratory infections | (J00–J06) |
| # | Influenza and pneumonia | (J10–J18) |
| 46 | Influenza | (J10–J11) |
| 47 | Pneumonia | (J12–J18) |
| 48# | Acute bronchitis and acute bronchiolitis | (J20–J21) |
| 49# | Bronchitis, chronic and unspecified | (J40–J42) |
| 50# | Asthma | (J45–J46) |
| 51# | Pneumonitis due to solids and liquids | (J69) |
| 52 | Other and unspecified diseases of respiratory system | (J22, J30–J39, J43–J44, J47–J68, J70–J98) |
| | Diseases of the digestive system | (K00–K92) |
| 53# | Gastritis, duodenitis, and noninfective enteritis and colitis | (K29, K50–K55) |
| 54# | Hernia of abdominal cavity and intestinal obstruction without hernia | (K40–K46, K56) |
| 55 | All other and unspecified diseases of digestive system | (K00–K28, K30–K38, K57–K92) |
| | Diseases of the genitourinary system | (N00–N95) |
| 56# | Renal failure and other disorders of kidney | (N17–N19, N25, N27) |
| 57 | Other and unspecified diseases of genitourinary system | (N00–N15, N20–N23, N26, N28–N95) |
| | Certain conditions originating in the perinatal period | (P00–P96) |

See note at end of table.

Table B. List of 130 selected causes of infant death—Con.[The asterisk (*) preceding cause-of-death codes indicates they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Number | Cause of death (<i>International Classification of Diseases, Tenth Revision, 1992</i>) | |
|--------|---|---|
| | Newborn affected by maternal factors and by complications of pregnancy, labor and delivery | (P00–P04) |
| 58# | Newborn affected by maternal hypertensive disorders | (P00.0) |
| 59# | Newborn affected by other maternal conditions which may be unrelated to present pregnancy | (P00.1–P00.9) |
| # | Newborn affected by maternal complications of pregnancy | (P01) |
| 60 | Newborn affected by incompetent cervix | (P01.0) |
| 61 | Newborn affected by premature rupture of membranes | (P01.1) |
| 62 | Newborn affected by multiple pregnancy | (P01.5) |
| 63 | Newborn affected by other maternal complications of pregnancy | (P01.2–P01.4, P01.6–P01.9) |
| # | Newborn affected by complications of placenta, cord and membranes | (P02) |
| 64 | Newborn affected by complications involving placenta | (P02.0–P02.3) |
| 65 | Newborn affected by complications involving cord | (P02.4–P02.6) |
| 66 | Newborn affected by chorioamnionitis | (P02.7) |
| 67 | Newborn affected by other and unspecified abnormalities of membranes | (P02.8–P02.9) |
| 68# | Newborn affected by other complications of labor and delivery | (P03) |
| 69# | Newborn affected by noxious influences transmitted via placenta or breast milk | (P04) |
| | Disorders related to length of gestation and fetal malnutrition | (P05–P08) |
| 70# | Slow fetal growth and fetal malnutrition | (P05) |
| # | Disorders related to short gestation and low birth weight, not elsewhere classified | (P07) |
| 71 | Extremely low birth weight or extreme immaturity | (P07.0, P07.2) |
| 72 | Other low birth weight or preterm | (P07.1, P07.3) |
| 73# | Disorders related to long gestation and high birth weight | (P08) |
| 74# | Birth trauma | (P10–P15) |
| # | Intrauterine hypoxia and birth asphyxia | (P20–P21) |
| 75 | Intrauterine hypoxia | (P20) |
| 76 | Birth asphyxia | (P21) |
| 77# | Respiratory distress of newborn | (P22) |
| | Other respiratory conditions originating in the perinatal period | (P23–P28) |
| 78# | Congenital pneumonia | (P23) |
| 79# | Neonatal aspiration syndromes | (P24) |
| 80# | Interstitial emphysema and related conditions originating in the perinatal period | (P25) |
| 81# | Pulmonary hemorrhage originating in the perinatal period | (P26) |
| 82# | Chronic respiratory disease originating in the perinatal period | (P27) |
| 83# | Atelectasis | (P28.0–P28.1) |
| 84 | All other respiratory conditions originating in the perinatal period | (P28.2–P28.9) |
| | Infections specific to the perinatal period | (P35–P39) |
| 85# | Bacterial sepsis of newborn | (P36) |
| 86# | Omphalitis of newborn with or without mild hemorrhage | (P38) |
| 87 | All other infections specific to the perinatal period | (P35, P37, P39) |
| | Hemorrhagic and hematological disorders of newborn | (P50–P61) |
| 88# | Neonatal hemorrhage | (P50–P52, P54) |
| 89# | Hemorrhagic disease of newborn | (P53) |
| 90# | Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice | (P55–P59) |
| 91# | Hematological disorders | (P60–P61) |
| 92# | Syndrome of infant of a diabetic mother and neonatal diabetes mellitus | (P70.0–P70.2) |
| 93# | Necrotizing enterocolitis of newborn | (P77) |
| 94# | Hydrops fetalis not due to hemolytic disease | (P83.2) |
| 95 | Other perinatal conditions | (P29, P70.3–P70.9, P71–P76, P78–P81, P83.0–P83.1, P83.3–P83.9, P90–P96) |
| # | Congenital malformations, deformations and chromosomal abnormalities | (Q00–Q99) |
| 96 | Anencephaly and similar malformations | (Q00) |
| 97 | Congenital hydrocephalus | (Q03) |
| 98 | Spina bifida | (Q05) |
| 99 | Other congenital malformations of nervous system | (Q01–Q02, Q04, Q06–Q07) |
| 100 | Congenital malformations of heart | (Q20–Q24) |
| 101 | Other congenital malformations of circulatory system | (Q25–Q28) |
| 102 | Congenital malformations of respiratory system | (Q30–Q34) |
| 103 | Congenital malformations of digestive system | (Q35–Q45) |
| 104 | Congenital malformations of genitourinary system | (Q50–Q64) |
| 105 | Congenital malformations and deformations of musculoskeletal system, limbs and integument | (Q65–Q85) |
| 106 | Down's syndrome | (Q90) |
| 107 | Edward's syndrome | (Q91.0–Q91.3) |
| 108 | Patau's syndrome | (Q91.4–Q91.7) |
| 109 | Other congenital malformations and deformations | (Q10–Q18, Q86–Q89) |
| 110 | Other chromosomal abnormalities, not elsewhere classified | (Q92–Q99) |
| | Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified | (R00–R99) |
| 111# | Sudden infant death syndrome | (R95) |
| 112 | Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified | (R00–R53, R55–R94, R96–R99) |
| 113 | All other diseases | (F01–F99, H00–H57, L00–M99) |
| | External causes of mortality | (*U01, V01–Y84) |
| # | Accidents (unintentional injuries) | (V01–X59) |

See note at end of table.

Table B. List of 130 selected causes of infant death—Con.[The asterisk (*) preceding cause-of-death codes indicates they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see “Technical Notes”]

| Number | Cause of death (<i>International Classification of Diseases, Tenth Revision, 1992</i>) |
|--------|--|
| 114 | Transport accidents (V01–V99) Motor vehicle accidents (V02–V04,V09.0,V09.2,V12–V14,V19.0–V19.2,V19.4–V19.6,V20–V79,V80.3–V80.5,V81.0–V81.1,V82.0–V82.1,V83–V86, V87.0–V87.8,V88.0–V88.8,V89.0,V89.2) |
| 115 | Other and unspecified transport accidents (V01,V05–V06,V09.1,V09.3–V09.9,V10–V11,V15–V18,V19.3,V19.8–V19.9,V80.0–V80.2,V80.6–V80.9, V81.2–V81.9,V82.2–V82.9,V87.9,V88.9,V89.1,V89.3,V89.9,V90–V99) |
| 116 | Falls (W00–W19) |
| 117 | Accidental discharge of firearms (W32–W34) |
| 118 | Accidental drowning and submersion (W65–W74) |
| 119 | Accidental suffocation and strangulation in bed (W75) |
| 120 | Other accidental suffocation and strangulation (W76–W77,W81–W84) |
| 121 | Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract (W78–W80) |
| 122 | Accidents caused by exposure to smoke, fire and flames (X00–X09) |
| 123 | Accidental poisoning and exposure to noxious substances (X40–X49) |
| 124 | Other and unspecified accidents (W20–W31,W35–W64,W85–W99,X10–X39,X50–X59) |
| # | Assault (homicide) (*U01,X85–Y09) |
| 125 | Assault (homicide) by hanging, strangulation and suffocation (X91) |
| 126 | Assault (homicide) by discharge of firearms (*U01.4,X93–X95) |
| 127 | Neglect, abandonment and other maltreatment syndromes (Y06–Y07) |
| 128 | Assault (homicide) by other and unspecified means (*U01.0–*U01.3,*U01.5–U01.9,X85–X90,X92,X96–Y05,Y08–Y09) |
| 129# | Complications of medical and surgical care (Y40–Y84) |
| 130 | Other external causes (X60–X84,Y10–Y36) |

NOTE: The causes designated by # are ranked to determine leading causes of infant death for specified population groups.

but was not ranked in the top 10 for men aged 45–54 years. Each aggregation of age resulted in a different understanding of the relative importance of CLRD and homicide for those at or near age 45. These differences can have important program implications.

Results

In 2002, the 10 leading causes of death accounted for about 79 percent of all deaths occurring in the United States, and the rank order remained unchanged from 2001 (table C). The top two causes, Diseases of heart (heart disease) and Malignant neoplasms (cancer), accounted for a little more than one-half (51.3 percent) of all deaths in 2002. Cerebrovascular diseases (stroke) ranked third, followed by CLRD and Accidents (unintentional injuries), which ranked fourth and fifth, respectively. Rounding out the top 10 were Diabetes mellitus (6th), Influenza and pneumonia (7th), Alzheimer’s disease (8th), Nephritis, nephrotic syndrome and nephrosis (kidney disease) (9th), and Septicemia (10th).

Between 2001 and 2002, the number of deaths caused by heart disease and stroke declined slightly, each by only 0.5 percent. The number of deaths for each of the other leading causes increased during this period. Nevertheless, despite these changes, the positioning of the 10 leading causes remained unchanged from 2001 to 2002 (table C).

Age differences

Leading causes of death varied substantially by age. The leading cause of death for age groups from 1–4 through 25–34 years was unintentional injuries (table 1). Assault (homicide) and Intentional self-harm (suicide) were also important causes of death in these age categories. Unintentional injuries, homicide, and suicide combined accounted for 76 percent of deaths for those aged 15–19 years, 73 percent of deaths for those aged 20–24 years, and 53 percent of deaths for those aged 25–34 years. Cancer, heart disease, and Congenital malformations, deformations, and chromosomal abnormalities were also consistently ranked among the leading causes for the younger age groups.

Table C. Deaths and percentage of total deaths for the 10 leading causes of death: United States, 2001–02

| Cause of death and year | Rank ¹ | 2002 | | 2001 | |
|---|-------------------|-----------|----------------------------|-----------|----------------------------|
| | | Deaths | Percentage of total deaths | Deaths | Percentage of total deaths |
| All causes | ... | 2,443,387 | 100.0 | 2,416,425 | 100.0 |
| Diseases of heart (I00–I09,I11,I13,I20–I51) | 1 | 696,947 | 28.5 | 700,142 | 29.0 |
| Malignant neoplasms (C00–C97) | 2 | 557,271 | 22.8 | 553,768 | 22.9 |
| Cerebrovascular diseases (I60–I69) | 3 | 162,672 | 6.7 | 163,538 | 6.8 |
| Chronic lower respiratory diseases (J40–J47) | 4 | 124,816 | 5.1 | 123,013 | 5.1 |
| Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 5 | 106,742 | 4.4 | 101,537 | 4.2 |
| Diabetes mellitus (E10–E14) | 6 | 73,249 | 3.0 | 71,372 | 3.0 |
| Influenza and pneumonia (J10–J18) | 7 | 65,681 | 2.7 | 62,034 | 2.6 |
| Alzheimer’s disease (G30) | 8 | 58,866 | 2.4 | 53,852 | 2.2 |
| Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 9 | 40,974 | 1.7 | 39,480 | 1.6 |
| Septicemia (A40–A41) | 10 | 33,865 | 1.4 | 32,238 | 1.3 |

. . . Category not applicable.

¹Rank based on number of deaths.

In the older age groups, mortality due to chronic diseases was most prevalent. Cancer and heart disease were the top two causes of death for those aged 45–54 years and the older age groups and consistently accounted for close to one-half of all deaths in these age groups. Other prevalent chronic causes among the older age groups were stroke, CLRD, Diabetes mellitus, Alzheimer's disease, kidney disease, and Chronic liver disease and cirrhosis. Unintentional injuries, Influenza and pneumonia, and Septicemia were also important causes of death for those in older age groups.

Sex differences

Table D contrasts leading causes of death for males and females. The top two causes for males and females—heart disease and cancer—are the same. Unintentional injuries was third for males and seventh for females. Stroke, CLRD, Diabetes mellitus, and Influenza and pneumonia, which ranked fourth, fifth, sixth, and seventh, respectively, for males, ranked third, fourth, sixth, and eighth for females. Suicide and Chronic liver disease and cirrhosis were ranked 8th and 10th, respectively, for males, but were not ranked among the 10 leading causes for females. Kidney disease ranked ninth for both males and females. Alzheimer's disease and Septicemia, ranked 5th and 10th, respectively, for females, were not ranked among the top 10 for males.

Race differences

Table E shows variation across race groups in the 10 leading causes of death. The four major race groups share six of the leading causes. Heart disease and cancer rank first and second, respectively, for the white, black, and American Indian populations. For the Asian or Pacific Islander (API) population, cancer was the leading cause of death, with heart disease second. Stroke ranks third for the white, black, and API populations but ranks fifth for the American Indian population. CLRD, unintentional injuries, and Diabetes mellitus also ranked among the 10 leading causes of death for each race group. CLRD ranks fourth for the white population, seventh for the American Indian and API populations, and eighth for the black population. Unintentional injuries ranks fifth for the white and black populations,

third for the American Indian population, and fourth for the API population. Diabetes mellitus ranks fourth for the black and American Indian populations, fifth for the API population, and sixth for the white population. Influenza and pneumonia ranks sixth for the API population, seventh for the white population, and ninth for the American Indian population, but this category is not ranked in the leading 10 causes of death for the black population. Suicide ranks 8th for the American Indian and API populations and 10th for the white population, but it is not ranked in the top 10 for the black population. Kidney disease ranks ninth for the white, black, and API populations, but it is not in the top 10 for the American Indian population. Homicide was among the 10 leading causes for only two race groups: the black and the American Indian populations, ranking 6th and 10th, respectively. Likewise Septicemia ranks 10th for the black population and also for the API population, but it is not among the 10 leading causes for the white and American Indian populations.

For three race groups, at least 1 of the 10 leading causes is unique to that group. For the American Indian population, Chronic liver disease and cirrhosis ranks sixth but is not ranked in the top 10 for the other 3 race groups. HIV disease ranks seventh for the black population, and Alzheimer's disease ranks eighth for the white population but these causes were not ranked among the top 10 for the other race groups.

Hispanic origin

Table F shows leading causes of death for the Hispanic, total non-Hispanic, non-Hispanic white, and non-Hispanic black populations. Heart disease and cancer ranks first and second for both the Hispanic and non-Hispanic populations. Unintentional injuries ranks third for the Hispanic population, higher than both the non-Hispanic white and the non-Hispanic black populations (fifth). The fourth-ranked cause for Hispanics is stroke, which ranks third for the non-Hispanic populations. Diabetes mellitus ranks fifth for the Hispanic population, but ranks eighth for the non-Hispanic white population and fourth for the non-Hispanic black population. Chronic liver disease and cirrhosis, ranks sixth for the Hispanic population, but this category is not ranked among the 10 leading causes for the other race-origin populations. Homicide ranks seventh for the Hispanic

Table D. Deaths and percentage of total deaths for the 10 leading causes of death, by sex: United States, 2002

[The asterisk (*) preceding cause-of-death codes indicates they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>) | Males | | | Females | | |
|--|-------------------|-----------|-------------------------|-------------------|-----------|-------------------------|
| | Rank ¹ | Deaths | Percent of total deaths | Rank ¹ | Deaths | Percent of total deaths |
| All causes | ... | 1,199,264 | 100.0 | ... | 1,244,123 | 100.0 |
| Diseases of heart (I00–I09,I11,I13,I20–I51) | 1 | 340,933 | 28.4 | 1 | 356,014 | 28.6 |
| Malignant neoplasms (C00–C97) | 2 | 288,768 | 24.1 | 2 | 268,503 | 21.6 |
| Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 3 | 69,257 | 5.8 | 7 | 37,485 | 3.0 |
| Cerebrovascular diseases (I60–I69) | 4 | 62,622 | 5.2 | 3 | 100,050 | 8.0 |
| Chronic lower respiratory diseases (J40–J47) | 5 | 60,713 | 5.1 | 4 | 64,103 | 5.2 |
| Diabetes mellitus (E10–E14) | 6 | 34,301 | 2.9 | 6 | 38,948 | 3.1 |
| Influenza and pneumonia (J10–J18) | 7 | 28,918 | 2.4 | 8 | 36,763 | 3.0 |
| Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 8 | 25,409 | 2.1 | 17 | 6,246 | 0.5 |
| Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 9 | 19,695 | 1.6 | 9 | 21,279 | 1.7 |
| Chronic liver disease and cirrhosis (K70,K73–K74) | 10 | 17,401 | 1.5 | 12 | 9,856 | 0.8 |
| Alzheimer's disease (G30) | 11 | 16,989 | 1.4 | 5 | 41,877 | 3.4 |
| Septicemia (A40–A41) | 12 | 14,947 | 1.2 | 10 | 18,918 | 1.5 |

... Category not applicable.

¹Rank based on number of deaths.

Table E. Deaths and percentage of total deaths for the 10 leading causes of death, by race: United States, 2002

[Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding cause of death codes indicates they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>) | White | | | Black | | | American Indian | | | Asian or Pacific Islander | | |
|--|-------------------|-----------|-------------------------|-------------------|---------|-------------------------|-------------------|--------|-------------------------|---------------------------|--------|-------------------------|
| | Rank ¹ | Deaths | Percent of total deaths | Rank ¹ | Deaths | Percent of total deaths | Rank ¹ | Deaths | Percent of total deaths | Rank ¹ | Deaths | Percent of total deaths |
| All causes | ... | 2,102,589 | 100.0 | ... | 290,051 | 100.0 | ... | 12,415 | 100.0 | ... | 38,332 | 100.0 |
| Diseases of heart (I00-I09,I11,I13,I20-I51) | 1 | 606,876 | 28.9 | 1 | 77,621 | 26.8 | 1 | 2,467 | 19.9 | 2 | 9,983 | 26.0 |
| Malignant neoplasms (C00-C97) | 2 | 482,481 | 22.9 | 2 | 62,617 | 21.6 | 2 | 2,175 | 17.5 | 1 | 9,998 | 26.1 |
| Cerebrovascular diseases (I60-I69) | 3 | 139,719 | 6.6 | 3 | 18,856 | 6.5 | 5 | 567 | 4.6 | 3 | 3,530 | 9.2 |
| Chronic lower respiratory diseases (J40-J47) | 4 | 115,395 | 5.5 | 8 | 7,831 | 2.7 | 7 | 452 | 3.6 | 7 | 1,138 | 3.0 |
| Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 5 | 90,866 | 4.3 | 5 | 12,513 | 4.3 | 3 | 1,488 | 12.0 | 4 | 1,875 | 4.9 |
| Diabetes mellitus (E10-E14) | 6 | 58,459 | 2.8 | 4 | 12,687 | 4.4 | 4 | 744 | 6.0 | 5 | 1,359 | 3.5 |
| Influenza and pneumonia (J10-J18) | 7 | 58,346 | 2.8 | 11 | 5,871 | 2.0 | 9 | 293 | 2.4 | 6 | 1,171 | 3.1 |
| Alzheimer's disease (G30) | 8 | 55,058 | 2.6 | 14 | 3,341 | 1.2 | 14 | 115 | 0.9 | 14 | 352 | 0.9 |
| Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 9 | 32,615 | 1.6 | 9 | 7,488 | 2.6 | 11 | 222 | 1.8 | 9 | 649 | 1.7 |
| Intentional self-harm (suicide) (*U03,X60-X84,Y87.0) | 10 | 28,731 | 1.4 | 16 | 1,939 | 0.7 | 8 | 324 | 2.6 | 8 | 661 | 1.7 |
| Septicemia (A40-A41) | 11 | 27,110 | 1.3 | 10 | 6,137 | 2.1 | 12 | 195 | 1.6 | 10 | 423 | 1.1 |
| Chronic liver disease and cirrhosis (K70,K73-K74) | 12 | 23,809 | 1.1 | 15 | 2,588 | 0.9 | 6 | 547 | 4.4 | 15 | 313 | 0.8 |
| Assault (homicide) (*U01-*U02,X85-Y09,Y87.1) | 20 | 8,685 | 0.4 | 6 | 8,287 | 2.9 | 10 | 267 | 2.2 | 13 | 399 | 1.0 |
| Human immunodeficiency virus (HIV) disease (B20-B24) | 22 | 6,089 | 0.3 | 7 | 7,835 | 2.7 | 18 | 64 | 0.5 | 23 | 107 | 0.3 |

... Category not applicable.

¹Rank based on number of deaths.

Table F. Deaths and percentage of total deaths for the 10 leading causes of death, by Hispanic origin and race for non-Hispanic population: United States, 2002

[Race and Hispanic origin are reported separately on the death certificate. Persons of Hispanic origin may be of any race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on death certificates; see "Technical Notes." The asterisk (*) preceding cause-of-death categories, indicates they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>) | Hispanic | | | Non-Hispanic | | | Non-Hispanic, white | | | Non-Hispanic, black | | |
|--|-------------------|---------|----------------------------|-------------------|-----------|----------------------------|---------------------|-----------|----------------------------|---------------------|---------|----------------------------|
| | Rank ¹ | Deaths | Percentage of total deaths | Rank ¹ | Deaths | Percentage of total deaths | Rank ¹ | Deaths | Percentage of total deaths | Rank ¹ | Deaths | Percentage of total deaths |
| All causes | ... | 117,135 | 100.0 | ... | 2,318,269 | 100.0 | ... | 1,981,973 | 100.0 | ... | 286,573 | 100.0 |
| Diseases of heart (I00-I09,I11,I13,I20-I51) | 1 | 27,887 | 23.8 | 1 | 666,690 | 28.8 | 1 | 577,761 | 29.2 | 1 | 76,694 | 26.8 |
| Malignant neoplasms (C00-C97) | 2 | 23,141 | 19.8 | 2 | 532,712 | 23.0 | 2 | 458,754 | 23.1 | 2 | 61,996 | 21.6 |
| Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 3 | 10,106 | 8.6 | 5 | 96,175 | 4.1 | 5 | 80,605 | 4.1 | 5 | 12,285 | 4.3 |
| Cerebrovascular diseases (I60-I69) | 4 | 6,451 | 5.5 | 3 | 155,852 | 6.7 | 3 | 133,118 | 6.7 | 3 | 18,691 | 6.5 |
| Diabetes mellitus (E10-E14) | 5 | 5,912 | 5.0 | 6 | 67,112 | 2.9 | 8 | 52,463 | 2.6 | 4 | 12,583 | 4.4 |
| Chronic liver disease and cirrhosis (K70,K73-K74) | 6 | 3,409 | 2.9 | 12 | 23,733 | 1.0 | 12 | 20,353 | 1.0 | 15 | 2,545 | 0.9 |
| Assault (homicide) (*U01-*U02,X85-Y09,Y87.1) | 7 | 3,129 | 2.7 | 16 | 14,346 | 0.6 | 21 | 5,571 | 0.3 | 6 | 8,147 | 2.8 |
| Chronic lower respiratory diseases (J40-J47) | 8 | 3,058 | 2.6 | 4 | 121,424 | 5.2 | 4 | 112,128 | 5.7 | 7 | 7,730 | 2.7 |
| Influenza and pneumonia (J10-J18) | 9 | 2,824 | 2.4 | 7 | 62,657 | 2.7 | 6 | 55,419 | 2.8 | 11 | 5,803 | 2.0 |
| Certain conditions originating in the perinatal period (P00-P96) | 10 | 2,402 | 2.1 | 21 | 11,673 | 0.5 | 20 | 6,384 | 0.3 | 12 | 4,777 | 1.7 |
| Human immunodeficiency virus (HIV) disease (B20-B24) | 13 | 1,855 | 1.6 | 20 | 12,094 | 0.5 | 22 | 4,224 | 0.2 | 8 | 7,714 | 2.7 |
| Intentional self-harm (suicide) (*U03,X60-X84,Y87.0) | 11 | 1,954 | 1.7 | 11 | 29,543 | 1.3 | 10 | 26,691 | 1.3 | 16 | 1,896 | 0.7 |
| Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 12 | 1,898 | 1.6 | 9 | 38,933 | 1.7 | 9 | 30,669 | 1.5 | 9 | 7,410 | 2.6 |
| Alzheimer's disease (G30) | 16 | 1,474 | 1.3 | 8 | 57,246 | 2.5 | 7 | 53,486 | 2.7 | 14 | 3,303 | 1.2 |
| Septicemia (A40-A41) | 15 | 1,521 | 1.3 | 10 | 32,225 | 1.4 | 11 | 25,545 | 1.3 | 10 | 6,074 | 2.1 |

... Category not applicable.

¹Rank based on number of deaths.

population and sixth for the non-Hispanic black population, but this category is not ranked among the 10 leading causes for the non-Hispanic white population. The only other leading cause shared by all three groups is CLRD, which ranks much lower for the Hispanic (eighth) and non-Hispanic black (seventh) populations than for the non-Hispanic white (fourth) population. Influenza and pneumonia also ranks much lower for the Hispanic population (ninth) than for the non-Hispanic white population (sixth); it was not among the 10 leading causes for the non-Hispanic black population. The 10th-ranked cause for the Hispanic population is perinatal conditions. The high ranking of perinatal conditions is primarily a reflection of the relatively young age distribution of the Hispanic population. HIV disease (ranks 8th for the non-Hispanic black population), Alzheimer's disease and suicide (ranks 7th and 10th, respectively, for the non-Hispanic white population), and kidney disease (ranks 9th for both the non-Hispanic white and black populations) do not rank among the 10 leading causes of death for Hispanics. Septicemia ranks 10th for the non-Hispanic black population but did not appear among the top 10 for the other groups for 2002.

Leading causes of infant death

The leading cause of infant death in 2002 was Congenital malformations, deformations, and chromosomal abnormalities (congenital malformations), which accounted for one-fifth of all infant deaths (table G). Disorders related to short gestation and low birthweight, not elsewhere classified, was ranked 2nd and followed by Sudden infant death syndrome (SIDS) (3rd); Newborn affected by maternal complications of pregnancy (4th); Newborn affected by complications of placenta, cord and membranes (5th); unintentional injuries (6th); Respiratory distress of newborn (7th); Bacterial sepsis of newborn (8th); Diseases of the circulatory system (9th); and Intrauterine hypoxia and birth asphyxia (10th). In all, the 10 leading causes of infant death accounted for 68 percent of all infant deaths. From 2001 to 2002, the ranking of the most prevalent causes of infant death did not change.

Neonatal and postneonatal mortality

Stark differences were evident when comparing leading causes of death in the neonatal (less than 28 days after birth) and postneonatal (between 28 days and 11 months after birth) periods (table H). Disorders related to short gestation and low birthweight, not elsewhere classified was the leading cause of neonatal death. In contrast, SIDS is the leading cause in the postneonatal period. Congenital malformations, although top-ranked for infant mortality overall, ranks second for both neonates and postneonates. The remaining leading causes of neonatal death are characterized by conditions occurring in the perinatal period. In the postneonatal period, the remaining leading causes are characterized more by conditions prevalent among the general population, including unintentional injuries (third), Septicemia (fifth), homicide (seventh), and Influenza and pneumonia (ninth).

Discussion

This report presents leading causes of death in the United States by age, race, sex, and Hispanic origin, for the infant, neonatal, and postneonatal periods. Cause-of-death ranking is a popular method of presenting mortality statistics and is a useful tool for illustrating the relative burden of cause-specific mortality, but it must be used cautiously, with a clear understanding of the limitations underlying the method.

When comparing rankings across groups or over time, one should be mindful of the age distribution of the populations being compared. Leading causes of death for populations with younger age distributions will tend to show higher rankings for causes of death that are prevalent among the young, such as homicide, unintentional injuries, and HIV infection. Leading causes for older populations will tend to show higher rankings for causes that are more prevalent among the elderly, such as Alzheimer's disease, heart disease, cancer, and stroke.

Consideration should also be given to the effects of random variation on cause-of-death rankings. When the number of events is small (perhaps less than 100 deaths), estimates of mortality risk are subject to random fluctuations (see "Technical Notes"). This is less problematic when analyzing the relative ranking of causes of death because the observed frequency of deaths for any particular cause is fixed for any given group in any given year, and the ranking is based on that fixed value. Nevertheless, when comparing rankings based on small numbers of deaths between groups or over time, it is important to be aware that differences in relative rankings may be attributable to random variability.

Because the rank order of any particular cause of death will depend on the list of causes from which selection is made and on the rules applied in making the selection, a clearly defined, uniform method for ranking causes of death is vital to maintain consistency in the reporting of leading causes by Federal and State agencies. The standard method and cause lists described in this and other publications (1–3,6) provide this needed structure.

References

1. National Office of Vital Statistics. Leading causes of death: United States and each State, 1949. Vital statistics—special reports, national summaries; vol 36 no 20. Washington, DC: Public Health Service. 1952.
2. National Office of Vital Statistics. Summary report of the Third Annual Meeting of the Public Health Conference on Records and Statistics. 1951.
3. Kochanek KD, Murphy SL, Anderson RN, Scott C. Deaths: Final data for 2002. National vital statistics reports; vol 53 no 5. Hyattsville, Maryland: National Center for Health Statistics. 2004.
4. World Health Organization. International Statistical Classification of Diseases and Related Health Problems, Tenth Revision. Geneva: World Health Organization. 1992.
5. Anderson RN, Rosenberg HM. Age standardization of death rates: Implementation of the year 2000 standard. National vital statistics reports; vol 47 no 3. Hyattsville, Maryland: National Center for Health Statistics. 1998.

Table G. Deaths and percentage of total deaths for the 10 leading causes of infant death: United States, 2001–02

| Cause of death and year | 2002 | | | 2001 | | |
|---|-------------------|--------|----------------------------|-------------------|--------|----------------------------|
| | Rank ¹ | Deaths | Percentage of total deaths | Rank ¹ | Deaths | Percentage of total deaths |
| All causes | ... | 28,034 | 100.0 | ... | 27,568 | 100.0 |
| Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 1 | 5,623 | 20.1 | 1 | 5,513 | 20.0 |
| Disorders related to short gestation and low birth weight, not elsewhere classified (P07) | 2 | 4,637 | 16.5 | 2 | 4,410 | 16.0 |
| Sudden infant death syndrome (R95) | 3 | 2,295 | 8.2 | 3 | 2,234 | 8.1 |
| Newborn affected by maternal complications of pregnancy ² (P01) | 4 | 1,708 | 6.1 | 4 | 1,499 | 5.4 |
| Newborn affected by complications of placenta, cord and membranes . . . (P02) | 5 | 1,028 | 3.7 | 5 | 1,018 | 3.7 |
| Accidents (unintentional injuries) (V01–X59) | 6 | 946 | 3.4 | 7 | 976 | 3.5 |
| Respiratory distress of newborn (P22) | 7 | 943 | 3.4 | 6 | 1,011 | 3.7 |
| Bacterial sepsis of newborn (P36) | 8 | 749 | 2.7 | 8 | 696 | 2.5 |
| Diseases of the circulatory system (I00–I99) | 9 | 667 | 2.4 | 9 | 622 | 2.3 |
| Intrauterine hypoxia and birth asphyxia (P20–P21) | 10 | 583 | 2.1 | 10 | 534 | 1.9 |

... Category not applicable.

¹Rank based on number of deaths.

²Cause-of-death coding changes may affect comparability with the previous year's data for this cause; see "Deaths: Final Data for 2002" (3).

Table H. Deaths and percentage of total deaths for the 10 leading causes of neonatal and postneonatal deaths: United States, 2002

[Neonatal deaths are those occurring less than 28 days after birth. Postneonatal deaths are those occurring between 28 days and 11 months after birth. The asterisk (*) preceding cause-of-death codes indicates they are not part of the *International Classification of Diseases, Tenth Revision* (ICD–10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>) | Deaths | Percentage of total deaths |
|-------------------|--|--------|----------------------------|
| Neonatal | | | |
| ... | All causes | 18,747 | 100.0 |
| 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 4,538 | 24.2 |
| 2 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 3,976 | 21.2 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 1,695 | 9.0 |
| 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 1,011 | 5.4 |
| 5 | Respiratory distress of newborn (P22) | 875 | 4.7 |
| 6 | Bacterial sepsis of newborn (P36) | 705 | 3.8 |
| 7 | Intrauterine hypoxia and birth asphyxia (P20–P21) | 543 | 2.9 |
| 8 | Atelectasis (P28.0–P28.1) | 379 | 2.0 |
| 8 | Neonatal hemorrhage. (P50–P52,P54) | 379 | 2.0 |
| 10 | Birth trauma (P10–P15) | 339 | 1.8 |
| ... | All other causes (Residual) | 4,307 | 23.0 |
| Postneonatal | | | |
| ... | All causes | 9,287 | 100.0 |
| 1 | Sudden infant death syndrome (R95) | 2,110 | 22.7 |
| 2 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 1,647 | 17.7 |
| 3 | Accidents (unintentional injuries) (V01–X59) | 851 | 9.2 |
| 4 | Diseases of the circulatory system (I00–I99) | 432 | 4.7 |
| 5 | Septicemia (A40–A41) | 296 | 3.2 |
| 6 | Chronic respiratory disease originating in the perinatal period (P27) | 259 | 2.8 |
| 7 | Assault (homicide). (*U01,X85–Y09) | 253 | 2.7 |
| 8 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 231 | 2.5 |
| 9 | Influenza and pneumonia (J10–J18) | 230 | 2.5 |
| 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 99 | 1.1 |
| ... | All other causes (Residual) | 2,879 | 31.0 |

... Category not applicable.

¹Rank based on number of deaths.

²Cause-of-death coding changes may affect comparability with the previous year's data for this cause; see "Deaths: Final Data for 2002" (3).

- 6. National Center for Health Statistics. ICD–10 Cause-of-death lists for tabulating mortality statistics, effective 1999. NCHS instruction manual, part 9. Hyattsville, Maryland: National Center for Health Statistics. 1997.
- 7. Murphy SL. Deaths: Final data for 1998. National vital statistics reports; vol 48, no 11. Hyattsville, Maryland: National Center for Health Statistics. 2000.
- 8. Gardner P, Rosenberg HM, Wilson RW. Leading causes of death by age, sex, race, and Hispanic origin: United States, 1992. *Vital Health Stat* 20(29). 1996.
- 9. Tolson GC, Barnes JM, Gay GA, Kowaleski JL. The 1989 revision of the U.S. standard certificates and reports. National Center for Health Statistics. *Vital Health Stat* 4(28). 1991.

10. National Center for Health Statistics. Technical appendix. Vital statistics of the United States, 1989, vol II mortality part A. Washington, DC: Public Health Service. 1993.
11. National Center for Health Statistics. Vital statistics, instructions for classifying the underlying cause of death. NCHS instruction manual; part 2a. Hyattsville, Maryland: Public Health Service. Published annually.
12. National Center for Health Statistics. Vital statistics, instructions for classifying multiple causes of death. NCHS instruction manual; part 2b. Hyattsville, Maryland: Public Health Service. Published annually.
13. National Center for Health Statistics. Vital statistics, nonindexed terms, standard abbreviations, and State geographic codes used in mortality data classification. NCHS instruction manual; part 2e. Hyattsville, Maryland: Public Health Service. Published annually.
14. National Center for Health Statistics. Vital statistics, ICD-9 ACME decision tables for classifying underlying causes of death. NCHS instruction manual; part 2c. Hyattsville, Maryland: Public Health Service. Published annually.
15. National Center for Health Statistics. Vital statistics, data entry instructions for the mortality medical indexing, classification, and retrieval system (MICAR). NCHS instruction manual; part 2g. Hyattsville, Maryland: Public Health Service. Published annually.
16. National Center for Health Statistics. Vital statistics, dictionary of valid terms for the mortality medical indexing, classification, and retrieval system (MICAR). NCHS instruction manual; part 2h. Hyattsville, Maryland: Public Health Service. Published annually.
17. Chamblee RF, Evans MC. TRANSAX, the NCHS system for producing multiple cause-of-death statistics, 1968-78. National Center for Health Statistics. Vital Health Stat 1(20). 1986.
18. Israel RA, Rosenberg HM, Curtin LR. Analytical potential for multiple cause-of-death data. Am J Epidemiol 124(2): 161-79. 1986.
19. National Center for Health Statistics. Public-use data file documentation: Multiple cause of death for ICD-10, 1999 data. Hyattsville, Maryland: Public Health Service. 2002.
20. National Center for Health Statistics. http://www.cdc.gov/nchs/about/otheract/icd9/terrorism_code.htm. 2002.
21. Centers for Disease Control and Prevention. New classification for deaths and injuries involving terrorism. MMWR 51(Special Issue): 18-9. 2002.
22. Rosenberg HM, Maurer JD, Sorlie PD, Johnson NJ, et al. Quality of death rates by race and Hispanic origin: A summary of current research, 1999. National Center for Health Statistics. Vital Health Stat 2(128). 1999.
23. Sorlie PD, Rogot E, Johnson NJ. Validity of demographic characteristics on the death certificate. Epidemiology 3(2):181-4. 1992.
24. Poe GS, Powell-Griner E, McLaughlin JK, et al. Comparability of the death certificate and the 1986 national mortality followback survey. National Center for Health Statistics. Vital Health Stat 2(118). 1993.
25. Hogan H. The 1990 post-enumeration survey: Operations and results. J Am Stat Assoc 48(423):1047-60. 1993.
26. National Center for Health Statistics. Technical appendix. Vital statistics of the United States, 1989, vol I natality. Washington: Public Health Service. 1992.
27. Hoyert DL. Effect on mortality rates of the 1989 changes in tabulating race. National Center for Health Statistics. Vital Health Stat 20(25). 1994.
28. Mathews TJ, Menaker F, MacDorman MF. Infant mortality statistics from the 2002 period linked birth/infant death data set. National vital statistics reports; vol 53 no 10. Hyattsville, Maryland: National Center for Health Statistics. 2004.
29. National Center for Health Statistics. Estimates of the July 1, 2002, United States resident population by age, sex, race, and Hispanic origin, prepared under a collaborative arrangement with the U.S. Census Bureau. (pcen-v2002.txt). 2004. Available at: <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm>. 2004.
30. Office of Management and Budget. Revisions to the standards for the classification of Federal data on race and ethnicity. Federal Register 62FR58782-58790. October 30, 1997. Available at: <http://www.whitehouse.gov/omb/fedreg/ombdir15.html>.
31. Office of Management and Budget. Race and ethnic standards for Federal statistics and administrative reporting. Statistical Policy Directive 15. 1977.
32. Ingram DD, Parker JD, Schenker N, Weed JA, et al. U.S. census 2000 population with bridged race categories. Vital Health Stat 2(135). 2003.
33. Schenker N, Parker JD. From single-race reporting to multiple-race reporting: Using imputation methods to bridge the transition. Stat Med 22:1571-87. 2003.
34. Martin JA, Hamilton BE, Sutton PD, Ventura SJ, et al. Births: Final data for 2002. National vital statistics reports; vol 52 no 10. Hyattsville, Maryland: National Center for Health Statistics. 2003.

List of Detailed Tables

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Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|------------------------------------|--|---------------------|----------------------------|-------------------|
| All races, both sexes, all ages ³ | | | | | All races, both sexes, 10–14 years | | | | |
| ... | All causes | 2,443,387 | 100.0 | 847.3 | ... | All causes | 4,132 | 100.0 | 19.5 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 696,947 | 28.5 | 241.7 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,542 | 37.3 | 7.3 |
| 2 | Malignant neoplasms (C00–C97) | 557,271 | 22.8 | 193.2 | 2 | Malignant neoplasms (C00–C97) | 535 | 12.9 | 2.5 |
| 3 | Cerebrovascular diseases (I60–I69) | 162,672 | 6.7 | 56.4 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 260 | 6.3 | 1.2 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 124,816 | 5.1 | 43.3 | 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 218 | 5.3 | 1.0 |
| 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 106,742 | 4.4 | 37.0 | 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 216 | 5.2 | 1.0 |
| 6 | Diabetes mellitus (E10–E14) | 73,249 | 3.0 | 25.4 | 6 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 163 | 3.9 | 0.8 |
| 7 | Influenza and pneumonia (J10–J18) | 65,681 | 2.7 | 22.8 | 7 | Chronic lower respiratory diseases (J40–J47) | 95 | 2.3 | 0.4 |
| 8 | Alzheimer's disease (G30) | 58,866 | 2.4 | 20.4 | 8 | Cerebrovascular diseases (I60–I69) | 58 | 1.4 | 0.3 |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 40,974 | 1.7 | 14.2 | 9 | Septicemia (A40–A41) | 53 | 1.3 | 0.3 |
| 10 | Septicemia (A40–A41) | 33,865 | 1.4 | 11.7 | 9 | Influenza and pneumonia (J10–J18) | 53 | 1.3 | 0.3 |
| ... | All other causes (Residual) | 522,304 | 21.4 | 181.1 | ... | All other causes (Residual) | 939 | 22.7 | 4.4 |
| All races, both sexes, 1–4 years | | | | | All races, both sexes, 15–19 years | | | | |
| ... | All causes | 4,858 | 100.0 | 31.2 | ... | All causes | 13,812 | 100.0 | 67.8 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,641 | 33.8 | 10.5 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 7,137 | 51.7 | 35.0 |
| 2 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 530 | 10.9 | 3.4 | 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 1,892 | 13.7 | 9.3 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 423 | 8.7 | 2.7 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,513 | 11.0 | 7.4 |
| 4 | Malignant neoplasms (C00–C97) | 402 | 8.3 | 2.6 | 4 | Malignant neoplasms (C00–C97) | 723 | 5.2 | 3.5 |
| 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 165 | 3.4 | 1.1 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 405 | 2.9 | 2.0 |
| 6 | Influenza and pneumonia (J10–J18) | 110 | 2.3 | 0.7 | 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 248 | 1.8 | 1.2 |
| 7 | Septicemia (A40–A41) | 79 | 1.6 | 0.5 | 7 | Chronic lower respiratory diseases (J40–J47) | 93 | 0.7 | 0.5 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 65 | 1.3 | 0.4 | 8 | Influenza and pneumonia (J10–J18) | 75 | 0.5 | 0.4 |
| 8 | Certain conditions originating in the perinatal period (P00–P96) | 65 | 1.3 | 0.4 | 9 | Diabetes mellitus (E10–E14) | 55 | 0.4 | 0.3 |
| 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 60 | 1.2 | 0.4 | 10 | Cerebrovascular diseases (I60–I69) | 53 | 0.4 | 0.3 |
| ... | All other causes (Residual) | 1,318 | 27.1 | 8.5 | ... | All other causes (Residual) | 1,618 | 11.7 | 7.9 |
| All races, both sexes, 5–9 years | | | | | All races, both sexes, 20–24 years | | | | |
| ... | All causes | 3,018 | 100.0 | 15.2 | ... | All causes | 19,234 | 100.0 | 95.2 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,176 | 39.0 | 5.9 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 8,275 | 43.0 | 40.9 |
| 2 | Malignant neoplasms (C00–C97) | 537 | 17.8 | 2.7 | 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 3,327 | 17.3 | 16.5 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 199 | 6.6 | 1.0 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 2,497 | 13.0 | 12.4 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 140 | 4.6 | 0.7 | 4 | Malignant neoplasms (C00–C97) | 1,007 | 5.2 | 5.0 |
| 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 92 | 3.0 | 0.5 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 617 | 3.2 | 3.1 |
| 6 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 44 | 1.5 | 0.2 | 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 244 | 1.3 | 1.2 |
| 7 | Septicemia (A40–A41) | 42 | 1.4 | 0.2 | 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 140 | 0.7 | 0.7 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 41 | 1.4 | 0.2 | 8 | Cerebrovascular diseases (I60–I69) | 118 | 0.6 | 0.6 |
| 9 | Influenza and pneumonia (J10–J18) | 38 | 1.3 | 0.2 | 9 | Diabetes mellitus (E10–E14) | 116 | 0.6 | 0.6 |
| 10 | Cerebrovascular diseases (I60–I69) | 33 | 1.1 | 0.2 | 10 | Chronic lower respiratory diseases (J40–J47) | 99 | 0.5 | 0.5 |
| ... | All other causes (Residual) | 676 | 22.4 | 3.4 | ... | All other causes (Residual) | 2,794 | 14.5 | 13.8 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|------------------------------------|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| All races, both sexes, 25–34 years | | | | | All races, both sexes, 55–64 years | | | | |
| ... | All causes | 41,355 | 100.0 | 103.6 | ... | All causes | 253,342 | 100.0 | 952.4 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 12,569 | 30.4 | 31.5 | 1 | Malignant neoplasms (C00–C97) | 93,391 | 36.9 | 351.1 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 5,046 | 12.2 | 12.6 | 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 64,234 | 25.4 | 241.5 |
| 3 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 4,489 | 10.9 | 11.2 | 3 | Chronic lower respiratory diseases (J40–J47) | 11,280 | 4.5 | 42.4 |
| 4 | Malignant neoplasms (C00–C97) | 3,872 | 9.4 | 9.7 | 4 | Diabetes mellitus (E10–E14) | 10,022 | 4.0 | 37.7 |
| 5 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 3,165 | 7.7 | 7.9 | 5 | Cerebrovascular diseases (I60–I69) | 9,897 | 3.9 | 37.2 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,839 | 4.4 | 4.6 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 8,345 | 3.3 | 31.4 |
| 7 | Diabetes mellitus (E10–E14) | 642 | 1.6 | 1.6 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 6,097 | 2.4 | 22.9 |
| 8 | Cerebrovascular diseases (I60–I69) | 567 | 1.4 | 1.4 | 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 3,618 | 1.4 | 13.6 |
| 9 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 475 | 1.1 | 1.2 | 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 3,455 | 1.4 | 13.0 |
| 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 374 | 0.9 | 0.9 | 10 | Septicemia (A40–A41) | 3,360 | 1.3 | 12.6 |
| ... | All other causes (Residual) | 8,317 | 20.1 | 20.8 | ... | All other causes (Residual) | 39,643 | 15.6 | 149.0 |
| All races, both sexes, 35–44 years | | | | | All races, both sexes, 65 years and over | | | | |
| ... | All causes | 91,140 | 100.0 | 202.9 | ... | All causes | 1,811,720 | 100.0 | 5,088.8 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 16,710 | 18.3 | 37.2 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 576,301 | 31.8 | 1,618.7 |
| 2 | Malignant neoplasms (C00–C97) | 16,085 | 17.6 | 35.8 | 2 | Malignant neoplasms (C00–C97) | 391,001 | 21.6 | 1,098.3 |
| 3 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 13,688 | 15.0 | 30.5 | 3 | Cerebrovascular diseases (I60–I69) | 143,293 | 7.9 | 402.5 |
| 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 6,851 | 7.5 | 15.3 | 4 | Chronic lower respiratory diseases (J40–J47) | 108,313 | 6.0 | 304.2 |
| 5 | Human immunodeficiency virus (HIV) disease (B20–B24) | 5,707 | 6.3 | 12.7 | 5 | Influenza and pneumonia (J10–J18) | 58,826 | 3.2 | 165.2 |
| 6 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 3,239 | 3.6 | 7.2 | 6 | Alzheimer's disease (G30) | 58,289 | 3.2 | 163.7 |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 3,154 | 3.5 | 7.0 | 7 | Diabetes mellitus (E10–E14) | 54,715 | 3.0 | 153.7 |
| 8 | Cerebrovascular diseases (I60–I69) | 2,425 | 2.7 | 5.4 | 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 34,316 | 1.9 | 96.4 |
| 9 | Diabetes mellitus (E10–E14) | 2,164 | 2.4 | 4.8 | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 33,641 | 1.9 | 94.5 |
| 10 | Chronic lower respiratory diseases (J40–J47) | 1,008 | 1.1 | 2.2 | 10 | Septicemia (A40–A41) | 26,670 | 1.5 | 74.9 |
| ... | All other causes (Residual) | 20,109 | 22.1 | 44.8 | ... | All other causes (Residual) | 326,355 | 18.0 | 916.7 |
| All races, both sexes, 45–54 years | | | | | All races, both sexes, 65–74 years | | | | |
| ... | All causes | 172,385 | 100.0 | 430.1 | ... | All causes | 422,990 | 100.0 | 2,314.7 |
| 1 | Malignant neoplasms (C00–C97) | 49,637 | 28.8 | 123.8 | 1 | Malignant neoplasms (C00–C97) | 144,757 | 34.2 | 792.1 |
| 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 37,570 | 21.8 | 93.7 | 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 112,547 | 26.6 | 615.9 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 14,675 | 8.5 | 36.6 | 3 | Chronic lower respiratory diseases (J40–J47) | 29,788 | 7.0 | 163.0 |
| 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 7,216 | 4.2 | 18.0 | 4 | Cerebrovascular diseases (I60–I69) | 21,992 | 5.2 | 120.3 |
| 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 6,308 | 3.7 | 15.7 | 5 | Diabetes mellitus (E10–E14) | 16,709 | 4.0 | 91.4 |
| 6 | Cerebrovascular diseases (I60–I69) | 6,055 | 3.5 | 15.1 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 8,086 | 1.9 | 44.2 |
| 7 | Diabetes mellitus (E10–E14) | 5,496 | 3.2 | 13.7 | 7 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 7,164 | 1.7 | 39.2 |
| 8 | Human immunodeficiency virus (HIV) disease (B20–B24) | 4,474 | 2.6 | 11.2 | 8 | Influenza and pneumonia (J10–J18) | 6,847 | 1.6 | 37.5 |
| 9 | Chronic lower respiratory diseases (J40–J47) | 3,475 | 2.0 | 8.7 | 9 | Septicemia (A40–A41) | 6,336 | 1.5 | 34.7 |
| 10 | Viral hepatitis (B15–B19) | 2,331 | 1.4 | 5.8 | 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 5,381 | 1.3 | 29.4 |
| ... | All other causes (Residual) | 35,148 | 20.4 | 87.7 | ... | All other causes (Residual) | 63,383 | 15.0 | 346.8 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|------------------------------|--|---------------------|----------------------------|-------------------|
| All races, both sexes, 75–84 years | | | | | All races, male, 1–4 years | | | | |
| ... | All causes | 707,654 | 100.0 | 5,556.9 | ... | All causes | 2,806 | 100.0 | 35.2 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 213,581 | 30.2 | 1,677.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,024 | 36.5 | 12.9 |
| 2 | Malignant neoplasms (C00–C97) | 167,062 | 23.6 | 1,311.9 | 2 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 282 | 10.0 | 3.5 |
| 3 | Cerebrovascular diseases (I60–I69) | 54,889 | 7.8 | 431.0 | 3 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 234 | 8.3 | 2.9 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 49,241 | 7.0 | 386.7 | 4 | Malignant neoplasms (C00–C97) | 216 | 7.7 | 2.7 |
| 5 | Diabetes mellitus (E10–E14) | 23,282 | 3.3 | 182.8 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 87 | 3.1 | 1.1 |
| 6 | Alzheimer's disease (G30) | 20,135 | 2.8 | 158.1 | 6 | Influenza and pneumonia (J10–J18) | 63 | 2.2 | 0.8 |
| 7 | Influenza and pneumonia (J10–J18) | 19,984 | 2.8 | 156.9 | 7 | Chronic lower respiratory diseases (J40–J47) | 44 | 1.6 | 0.6 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 13,896 | 2.0 | 109.1 | 8 | Septicemia (A40–A41) | 41 | 1.5 | 0.5 |
| 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 12,904 | 1.8 | 101.3 | 9 | Certain conditions originating in the perinatal period. (P00–P96) | 40 | 1.4 | 0.5 |
| 10 | Septicemia (A40–A41) | 11,010 | 1.6 | 86.5 | 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. (D00–D48) | 30 | 1.1 | 0.4 |
| ... | All other causes (Residual) | 121,670 | 17.2 | 955.4 | ... | Cerebrovascular diseases (I60–I69) | 30 | 1.1 | 0.4 |
| All races, both sexes, 85 years and over | | | | | All races, male, 5–9 years | | | | |
| ... | All causes | 681,076 | 100.0 | 14,828.3 | ... | All causes | 1,702 | 100.0 | 16.7 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 250,173 | 36.7 | 5,446.8 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 720 | 42.3 | 7.1 |
| 2 | Malignant neoplasms (C00–C97) | 79,182 | 11.6 | 1,723.9 | 2 | Malignant neoplasms (C00–C97) | 297 | 17.5 | 2.9 |
| 3 | Cerebrovascular diseases (I60–I69) | 66,412 | 9.8 | 1,445.9 | 3 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 99 | 5.8 | 1.0 |
| 4 | Alzheimer's disease (G30) | 34,552 | 5.1 | 752.3 | 4 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 64 | 3.8 | 0.6 |
| 5 | Influenza and pneumonia (J10–J18) | 31,995 | 4.7 | 696.6 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 40 | 2.4 | 0.4 |
| 6 | Chronic lower respiratory diseases (J40–J47) | 29,284 | 4.3 | 637.6 | 6 | Septicemia (A40–A41) | 26 | 1.5 | 0.3 |
| 7 | Diabetes mellitus (E10–E14) | 14,724 | 2.2 | 320.6 | 7 | Chronic lower respiratory diseases (J40–J47) | 24 | 1.4 | 0.2 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 13,256 | 1.9 | 288.6 | 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. (D00–D48) | 22 | 1.3 | 0.2 |
| 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 12,651 | 1.9 | 275.4 | 9 | Cerebrovascular diseases (I60–I69) | 16 | 0.9 | * |
| 10 | Septicemia (A40–A41) | 9,324 | 1.4 | 203.0 | 10 | Influenza and pneumonia (J10–J18) | 15 | 0.9 | * |
| ... | All other causes (Residual) | 139,523 | 20.5 | 3,037.7 | ... | All other causes (Residual) | 379 | 22.3 | 3.7 |
| All races, male, all ages ³ | | | | | All races, male, 10–14 years | | | | |
| ... | All causes | 1,199,264 | 100.0 | 846.6 | ... | All causes | 2,496 | 100.0 | 23.1 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 340,933 | 28.4 | 240.7 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 993 | 39.8 | 9.2 |
| 2 | Malignant neoplasms (C00–C97) | 288,768 | 24.1 | 203.8 | 2 | Malignant neoplasms (C00–C97) | 303 | 12.1 | 2.8 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 69,257 | 5.8 | 48.9 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 196 | 7.9 | 1.8 |
| 4 | Cerebrovascular diseases (I60–I69) | 62,622 | 5.2 | 44.2 | 4 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 133 | 5.3 | 1.2 |
| 5 | Chronic lower respiratory diseases (J40–J47) | 60,713 | 5.1 | 42.9 | 5 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 116 | 4.6 | 1.1 |
| 6 | Diabetes mellitus (E10–E14) | 34,301 | 2.9 | 24.2 | 6 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 101 | 4.0 | 0.9 |
| 7 | Influenza and pneumonia (J10–J18) | 28,918 | 2.4 | 20.4 | 7 | Chronic lower respiratory diseases (J40–J47) | 50 | 2.0 | 0.5 |
| 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 25,409 | 2.1 | 17.9 | 8 | Cerebrovascular diseases (I60–I69) | 31 | 1.2 | 0.3 |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 19,695 | 1.6 | 13.9 | 9 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. (D00–D48) | 27 | 1.1 | 0.2 |
| 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 17,401 | 1.5 | 12.3 | 10 | Septicemia (A40–A41) | 26 | 1.0 | 0.2 |
| ... | All other causes (Residual) | 251,247 | 21.0 | 177.4 | ... | All other causes (Residual) | 520 | 20.8 | 4.8 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|-------------------------------------|--|---------------------|----------------------------|-------------------|-------------------------------------|--|---------------------|----------------------------|-------------------|
| All races, male, 15–19 years | | | | | All races, male, 35–44 years | | | | |
| ... | All causes | 9,844 | 100.0 | 94.0 | ... | All causes | 57,593 | 100.0 | 257.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 4,981 | 50.6 | 47.6 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 12,012 | 20.9 | 53.7 |
| 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 1,604 | 16.3 | 15.3 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 9,638 | 16.7 | 43.1 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,280 | 13.0 | 12.2 | 3 | Malignant neoplasms (C00–C97) | 7,056 | 12.3 | 31.5 |
| 4 | Malignant neoplasms (C00–C97) | 424 | 4.3 | 4.0 | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 5,305 | 9.2 | 23.7 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 275 | 2.8 | 2.6 | 5 | Human immunodeficiency virus (HIV) disease (B20–B24) | 4,198 | 7.3 | 18.8 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 146 | 1.5 | 1.4 | 6 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 2,386 | 4.1 | 10.7 |
| 7 | Chronic lower respiratory diseases (J40–J47) | 68 | 0.7 | 0.6 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 2,079 | 3.6 | 9.3 |
| 8 | Influenza and pneumonia (J10–J18) | 41 | 0.4 | 0.4 | 8 | Diabetes mellitus (E10–E14) | 1,330 | 2.3 | 5.9 |
| 9 | Cerebrovascular diseases (I60–I69) | 34 | 0.3 | 0.3 | 9 | Cerebrovascular diseases (I60–I69) | 1,178 | 2.0 | 5.3 |
| 10 | Diabetes mellitus (E10–E14) | 30 | 0.3 | 0.3 | 10 | Influenza and pneumonia (J10–J18) | 546 | 0.9 | 2.4 |
| ... | All other causes (Residual) | 961 | 9.8 | 9.2 | ... | All other causes (Residual) | 11,865 | 20.6 | 53.0 |
| All races, male, 20–24 years | | | | | All races, male, 45–54 years | | | | |
| ... | All causes | 14,572 | 100.0 | 140.8 | ... | All causes | 107,722 | 100.0 | 547.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 6,457 | 44.3 | 62.4 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 27,239 | 25.3 | 138.4 |
| 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 2,870 | 19.7 | 27.7 | 2 | Malignant neoplasms (C00–C97) | 25,192 | 23.4 | 128.0 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 2,152 | 14.8 | 20.8 | 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 10,492 | 9.7 | 53.3 |
| 4 | Malignant neoplasms (C00–C97) | 592 | 4.1 | 5.7 | 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 5,285 | 4.9 | 26.9 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 411 | 2.8 | 4.0 | 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 4,796 | 4.5 | 24.4 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 136 | 0.9 | 1.3 | 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 3,485 | 3.2 | 17.7 |
| 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 76 | 0.5 | 0.7 | 7 | Cerebrovascular diseases (I60–I69) | 3,278 | 3.0 | 16.7 |
| 8 | Cerebrovascular diseases (I60–I69) | 69 | 0.5 | 0.7 | 8 | Diabetes mellitus (E10–E14) | 3,225 | 3.0 | 16.4 |
| 9 | Diabetes mellitus (E10–E14) | 68 | 0.5 | 0.7 | 9 | Chronic lower respiratory diseases (J40–J47) | 1,795 | 1.7 | 9.1 |
| 10 | Legal intervention (Y35,Y89.0) | 64 | 0.4 | 0.6 | 10 | Viral hepatitis (B15–B19) | 1,755 | 1.6 | 8.9 |
| ... | All other causes (Residual) | 1,677 | 11.5 | 16.2 | ... | All other causes (Residual) | 21,180 | 19.7 | 107.6 |
| All races, male, 25–34 years | | | | | All races, male, 55–64 years | | | | |
| ... | All causes | 28,736 | 100.0 | 142.2 | ... | All causes | 151,363 | 100.0 | 1,184.0 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 9,635 | 33.5 | 47.7 | 1 | Malignant neoplasms (C00–C97) | 51,115 | 33.8 | 399.8 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 4,135 | 14.4 | 20.5 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 43,900 | 29.0 | 343.4 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 3,669 | 12.8 | 18.2 | 3 | Chronic lower respiratory diseases (J40–J47) | 5,783 | 3.8 | 45.2 |
| 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 2,131 | 7.4 | 10.5 | 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 5,781 | 3.8 | 45.2 |
| 5 | Malignant neoplasms (C00–C97) | 1,868 | 6.5 | 9.2 | 5 | Diabetes mellitus (E10–E14) | 5,683 | 3.8 | 44.5 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,187 | 4.1 | 5.9 | 6 | Cerebrovascular diseases (I60–I69) | 5,456 | 3.6 | 42.7 |
| 7 | Diabetes mellitus (E10–E14) | 385 | 1.3 | 1.9 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 4,228 | 2.8 | 33.1 |
| 8 | Cerebrovascular diseases (I60–I69) | 284 | 1.0 | 1.4 | 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 2,837 | 1.9 | 22.2 |
| 8 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 284 | 1.0 | 1.4 | 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 1,824 | 1.2 | 14.3 |
| 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 236 | 0.8 | 1.2 | 10 | Septicemia (A40–A41) | 1,748 | 1.2 | 13.7 |
| ... | All other causes (Residual) | 4,922 | 17.1 | 24.4 | ... | All other causes (Residual) | 23,008 | 15.2 | 180.0 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|------------------------------------|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| All races, male, 65 years and over | | | | | All races, male, 85 years and over | | | | |
| ... | All causes | 806,431 | 100.0 | 5,459.2 | ... | All causes | 225,906 | 100.0 | 16,254.5 |
| 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 256,810 | 31.8 | 1,738.5 | 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 80,935 | 35.8 | 5,823.5 |
| 2 | Malignant neoplasms (C00-C97) | 201,658 | 25.0 | 1,365.1 | 2 | Malignant neoplasms (C00-C97) | 34,621 | 15.3 | 2,491.1 |
| 3 | Chronic lower respiratory diseases (J40-J47) | 52,207 | 6.5 | 353.4 | 3 | Cerebrovascular diseases (I60-I69) | 18,316 | 8.1 | 1,317.9 |
| 4 | Cerebrovascular diseases (I60-I69) | 52,178 | 6.5 | 353.2 | 4 | Chronic lower respiratory diseases (J40-J47) | 12,436 | 5.5 | 894.8 |
| 5 | Influenza and pneumonia (J10-J18) | 24,944 | 3.1 | 168.9 | 5 | Influenza and pneumonia (J10-J18) | 11,199 | 5.0 | 805.8 |
| 6 | Diabetes mellitus (E10-E14) | 23,556 | 2.9 | 159.5 | 6 | Alzheimer's disease (G30) | 7,950 | 3.5 | 572.0 |
| 7 | Alzheimer's disease (G30) | 16,724 | 2.1 | 113.2 | 7 | Nephritis, nephrotic syndrome and nephrosis . . (N00-N07,N17-N19,N25-N27) | 5,358 | 2.4 | 385.5 |
| 8 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 16,535 | 2.1 | 111.9 | 8 | Diabetes mellitus (E10-E14) | 4,844 | 2.1 | 348.5 |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . (N00-N07,N17-N19,N25-N27) | 16,080 | 2.0 | 108.9 | 9 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 4,817 | 2.1 | 346.6 |
| 10 | Septicemia (A40-A41) | 11,155 | 1.4 | 75.5 | 10 | Pneumonitis due to solids and liquids . . (J69) | 3,731 | 1.7 | 268.5 |
| ... | All other causes (Residual) | 134,584 | 16.7 | 911.1 | ... | All other causes (Residual) | 41,699 | 18.5 | 3,000.3 |
| All races, male, 65-74 years | | | | | All races, female, all ages ³ | | | | |
| ... | All causes | 237,021 | 100.0 | 2,855.3 | ... | All causes | 1,244,123 | 100.0 | 848.0 |
| 1 | Malignant neoplasms (C00-C97) | 80,085 | 33.8 | 964.8 | 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 356,014 | 28.6 | 242.7 |
| 2 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 68,658 | 29.0 | 827.1 | 2 | Malignant neoplasms (C00-C97) | 268,503 | 21.6 | 183.0 |
| 3 | Chronic lower respiratory diseases (J40-J47) | 15,339 | 6.5 | 184.8 | 3 | Cerebrovascular diseases (I60-I69) | 100,050 | 8.0 | 68.2 |
| 4 | Cerebrovascular diseases (I60-I69) | 11,207 | 4.7 | 135.0 | 4 | Chronic lower respiratory diseases (J40-J47) | 64,103 | 5.2 | 43.7 |
| 5 | Diabetes mellitus (E10-E14) | 8,417 | 3.6 | 101.4 | 5 | Alzheimer's disease (G30) | 41,877 | 3.4 | 28.5 |
| 6 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 5,031 | 2.1 | 60.6 | 6 | Diabetes mellitus (E10-E14) | 38,948 | 3.1 | 26.5 |
| 7 | Influenza and pneumonia (J10-J18) | 3,850 | 1.6 | 46.4 | 7 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 37,485 | 3.0 | 25.6 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . (N00-N07,N17-N19,N25-N27) | 3,802 | 1.6 | 45.8 | 8 | Influenza and pneumonia (J10-J18) | 36,763 | 3.0 | 25.1 |
| 9 | Chronic liver disease and cirrhosis (K70,K73-K74) | 3,197 | 1.3 | 38.5 | 9 | Nephritis, nephrotic syndrome and nephrosis . . (N00-N07,N17-N19,N25-N27) | 21,279 | 1.7 | 14.5 |
| 10 | Septicemia (A40-A41) | 3,154 | 1.3 | 38.0 | 10 | Septicemia (A40-A41) | 18,918 | 1.5 | 12.9 |
| ... | All other causes (Residual) | 34,281 | 14.5 | 413.0 | ... | All other causes (Residual) | 260,183 | 20.9 | 177.3 |
| All races, male, 75-84 years | | | | | All races, female, 1-4 years | | | | |
| ... | All causes | 343,504 | 100.0 | 6,760.5 | ... | All causes | 2,052 | 100.0 | 27.0 |
| 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 107,217 | 31.2 | 2,110.1 | 1 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 617 | 30.1 | 8.1 |
| 2 | Malignant neoplasms (C00-C97) | 86,952 | 25.3 | 1,711.3 | 2 | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 248 | 12.1 | 3.3 |
| 3 | Chronic lower respiratory diseases (J40-J47) | 24,432 | 7.1 | 480.8 | 3 | Assault (homicide) . . . (*U01-*U02,X85-Y09,Y87.1) | 189 | 9.2 | 2.5 |
| 4 | Cerebrovascular diseases (I60-I69) | 22,655 | 6.6 | 445.9 | 4 | Malignant neoplasms (C00-C97) | 186 | 9.1 | 2.4 |
| 5 | Diabetes mellitus (E10-E14) | 10,295 | 3.0 | 202.6 | 5 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 78 | 3.8 | 1.0 |
| 6 | Influenza and pneumonia (J10-J18) | 9,895 | 2.9 | 194.7 | 6 | Influenza and pneumonia (J10-J18) | 47 | 2.3 | 0.6 |
| 7 | Alzheimer's disease (G30) | 7,227 | 2.1 | 142.2 | 7 | Septicemia (A40-A41) | 38 | 1.9 | 0.5 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . (N00-N07,N17-N19,N25-N27) | 6,920 | 2.0 | 136.2 | 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48) | 30 | 1.5 | 0.4 |
| 9 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 6,687 | 1.9 | 131.6 | 9 | Certain conditions originating in the perinatal period (P00-P96) | 25 | 1.2 | 0.3 |
| 10 | Septicemia (A40-A41) | 5,028 | 1.5 | 99.0 | 10 | Cerebrovascular diseases (I60-I69) | 23 | 1.1 | 0.3 |
| ... | All other causes (Residual) | 56,196 | 16.4 | 1,106.0 | ... | All other causes (Residual) | 571 | 27.8 | 7.5 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--------------------------------|--|---------------------|----------------------------|-------------------|--------------------------------|--|---------------------|----------------------------|-------------------|
| All races, female, 5–9 years | | | | | All races, female, 20–24 years | | | | |
| ... | All causes | 1,316 | 100.0 | 13.5 | ... | All causes | 4,662 | 100.0 | 47.3 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 456 | 34.7 | 4.7 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,818 | 39.0 | 18.4 |
| 2 | Malignant neoplasms (C00–C97) | 240 | 18.2 | 2.5 | 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 457 | 9.8 | 4.6 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 100 | 7.6 | 1.0 | 3 | Malignant neoplasms (C00–C97) | 415 | 8.9 | 4.2 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 76 | 5.8 | 0.8 | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 345 | 7.4 | 3.5 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 52 | 4.0 | 0.5 | 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 206 | 4.4 | 2.1 |
| 6 | Influenza and pneumonia (J10–J18) | 23 | 1.7 | 0.2 | 6 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 108 | 2.3 | 1.1 |
| 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. (D00–D48) | 22 | 1.7 | 0.2 | 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 64 | 1.4 | 0.6 |
| 8 | Cerebrovascular diseases (I60–I69) | 17 | 1.3 | * | 8 | Pregnancy, childbirth and the puerperium (O00–099) | 61 | 1.3 | 0.6 |
| 8 | Chronic lower respiratory diseases. (J40–J47) | 17 | 1.3 | * | 9 | Cerebrovascular diseases (I60–I69) | 49 | 1.1 | 0.5 |
| 10 | Septicemia (A40–A41) | 16 | 1.2 | * | 10 | Diabetes mellitus (E10–E14) | 48 | 1.0 | 0.5 |
| 10 | Anemias (D50–D64) | 16 | 1.2 | * | ... | All other causes (Residual) | 1,091 | 23.4 | 11.1 |
| ... | All other causes (Residual) | 281 | 21.4 | 2.9 | All races, female, 25–34 years | | | | |
| All races, female, 10–14 years | | | | | ... | All causes | 12,619 | 100.0 | 64.0 |
| ... | All causes | 1,636 | 100.0 | 15.9 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,934 | 23.3 | 14.9 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 549 | 33.6 | 5.3 | 2 | Malignant neoplasms (C00–C97) | 2,004 | 15.9 | 10.2 |
| 2 | Malignant neoplasms (C00–C97) | 232 | 14.2 | 2.2 | 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,034 | 8.2 | 5.2 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 102 | 6.2 | 1.0 | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 911 | 7.2 | 4.6 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 83 | 5.1 | 0.8 | 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 820 | 6.5 | 4.2 |
| 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 64 | 3.9 | 0.6 | 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 652 | 5.2 | 3.3 |
| 6 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 62 | 3.8 | 0.6 | 7 | Cerebrovascular diseases (I60–I69) | 283 | 2.2 | 1.4 |
| 7 | Chronic lower respiratory diseases. (J40–J47) | 45 | 2.8 | 0.4 | 8 | Diabetes mellitus (E10–E14) | 257 | 2.0 | 1.3 |
| 8 | Influenza and pneumonia (J10–J18) | 30 | 1.8 | 0.3 | 9 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 191 | 1.5 | 1.0 |
| 9 | Septicemia (A40–A41) | 27 | 1.7 | 0.3 | 10 | Pregnancy, childbirth and the puerperium (O00–099) | 175 | 1.4 | 0.9 |
| 9 | Cerebrovascular diseases (I60–I69) | 27 | 1.7 | 0.3 | ... | All other causes (Residual) | 3,358 | 26.6 | 17.0 |
| ... | All other causes (Residual) | 415 | 25.4 | 4.0 | All races, female, 35–44 years | | | | |
| All races, female, 15–19 years | | | | | ... | All causes | 33,547 | 100.0 | 148.8 |
| ... | All causes | 3,968 | 100.0 | 40.1 | 1 | Malignant neoplasms (C00–C97) | 9,029 | 26.9 | 40.0 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,156 | 54.3 | 21.8 | 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 4,698 | 14.0 | 20.8 |
| 2 | Malignant neoplasms (C00–C97) | 299 | 7.5 | 3.0 | 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 4,050 | 12.1 | 18.0 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 288 | 7.3 | 2.9 | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,546 | 4.6 | 6.9 |
| 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 233 | 5.9 | 2.4 | 5 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,509 | 4.5 | 6.7 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 130 | 3.3 | 1.3 | 6 | Cerebrovascular diseases (I60–I69) | 1,247 | 3.7 | 5.5 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 102 | 2.6 | 1.0 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1,075 | 3.2 | 4.8 |
| 7 | Influenza and pneumonia (J10–J18) | 34 | 0.9 | 0.3 | 8 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 853 | 2.5 | 3.8 |
| 8 | Pregnancy, childbirth and the puerperium (O00–099) | 28 | 0.7 | 0.3 | 9 | Diabetes mellitus (E10–E14) | 834 | 2.5 | 3.7 |
| 9 | Septicemia (A40–A41) | 27 | 0.7 | 0.3 | 10 | Chronic lower respiratory diseases. (J40–J47) | 511 | 1.5 | 2.3 |
| 10 | Diabetes mellitus (E10–E14) | 25 | 0.6 | 0.3 | ... | All other causes (Residual) | 8,195 | 24.4 | 36.3 |
| 10 | Chronic lower respiratory diseases. (J40–J47) | 25 | 0.6 | 0.3 | | | | | |
| ... | All other causes (Residual) | 621 | 15.7 | 6.3 | | | | | |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--------------------------------------|--|---------------------|----------------------------|-------------------|--------------------------------------|--|---------------------|----------------------------|-------------------|
| All races, female, 45–54 years | | | | | All races, female, 65–74 years | | | | |
| ... | All causes | 64,663 | 100.0 | 316.9 | ... | All causes | 185,969 | 100.0 | 1,864.7 |
| 1 | Malignant neoplasms (C00–C97) | 24,445 | 37.8 | 119.8 | 1 | Malignant neoplasms (C00–C97) | 64,672 | 34.8 | 648.5 |
| 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 10,331 | 16.0 | 50.6 | 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 43,889 | 23.6 | 440.1 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 4,183 | 6.5 | 20.5 | 3 | Chronic lower respiratory diseases (J40–J47) | 14,449 | 7.8 | 144.9 |
| 4 | Cerebrovascular diseases (I60–I69) | 2,777 | 4.3 | 13.6 | 4 | Cerebrovascular diseases (I60–I69) | 10,785 | 5.8 | 108.1 |
| 5 | Diabetes mellitus (E10–E14) | 2,271 | 3.5 | 11.1 | 5 | Diabetes mellitus (E10–E14) | 8,292 | 4.5 | 83.1 |
| 6 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1,931 | 3.0 | 9.5 | 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 3,362 | 1.8 | 33.7 |
| 7 | Chronic lower respiratory diseases (J40–J47) | 1,680 | 2.6 | 8.2 | 7 | Septicemia (A40–A41) | 3,182 | 1.7 | 31.9 |
| 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,512 | 2.3 | 7.4 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 3,055 | 1.6 | 30.6 |
| 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 989 | 1.5 | 4.8 | 9 | Influenza and pneumonia (J10–J18) | 2,997 | 1.6 | 30.1 |
| 10 | Septicemia (A40–A41) | 950 | 1.5 | 4.7 | 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 2,184 | 1.2 | 21.9 |
| ... | All other causes (Residual) | 13,594 | 21.0 | 66.6 | ... | All other causes (Residual) | 29,102 | 15.6 | 291.8 |
| All races, female, 55–64 years | | | | | All races, female, 75–84 years | | | | |
| ... | All causes | 101,979 | 100.0 | 738.0 | ... | All causes | 364,150 | 100.0 | 4,757.9 |
| 1 | Malignant neoplasms (C00–C97) | 42,276 | 41.5 | 306.0 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 106,364 | 29.2 | 1,389.7 |
| 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 20,334 | 19.9 | 147.2 | 2 | Malignant neoplasms (C00–C97) | 80,110 | 22.0 | 1,046.7 |
| 3 | Chronic lower respiratory diseases (J40–J47) | 5,497 | 5.4 | 39.8 | 3 | Cerebrovascular diseases (I60–I69) | 32,234 | 8.9 | 421.2 |
| 4 | Cerebrovascular diseases (I60–I69) | 4,441 | 4.4 | 32.1 | 4 | Chronic lower respiratory diseases (J40–J47) | 24,809 | 6.8 | 324.1 |
| 5 | Diabetes mellitus (E10–E14) | 4,339 | 4.3 | 31.4 | 5 | Diabetes mellitus (E10–E14) | 12,987 | 3.6 | 169.7 |
| 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,564 | 2.5 | 18.6 | 6 | Alzheimer's disease (G30) | 12,908 | 3.5 | 168.7 |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1,869 | 1.8 | 13.5 | 7 | Influenza and pneumonia (J10–J18) | 10,089 | 2.8 | 131.8 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 1,631 | 1.6 | 11.8 | 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 6,976 | 1.9 | 91.1 |
| 9 | Septicemia (A40–A41) | 1,612 | 1.6 | 11.7 | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 6,217 | 1.7 | 81.2 |
| 10 | Influenza and pneumonia (J10–J18) | 1,249 | 1.2 | 9.0 | 10 | Septicemia (A40–A41) | 5,982 | 1.6 | 78.2 |
| ... | All other causes (Residual) | 16,167 | 15.9 | 117.0 | ... | All other causes (Residual) | 65,474 | 18.0 | 855.5 |
| All races, female, 65 years and over | | | | | All races, female, 85 years and over | | | | |
| ... | All causes | 1,005,289 | 100.0 | 4,826.1 | ... | All causes | 455,170 | 100.0 | 14,209.6 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 319,491 | 31.8 | 1,533.8 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 169,238 | 37.2 | 5,283.3 |
| 2 | Malignant neoplasms (C00–C97) | 189,343 | 18.8 | 909.0 | 2 | Cerebrovascular diseases (I60–I69) | 48,096 | 10.6 | 1,501.5 |
| 3 | Cerebrovascular diseases (I60–I69) | 91,115 | 9.1 | 437.4 | 3 | Malignant neoplasms (C00–C97) | 44,561 | 9.8 | 1,391.1 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 56,106 | 5.6 | 269.4 | 4 | Alzheimer's disease (G30) | 26,602 | 5.8 | 830.5 |
| 5 | Alzheimer's disease (G30) | 41,565 | 4.1 | 199.5 | 5 | Influenza and pneumonia (J10–J18) | 20,796 | 4.6 | 649.2 |
| 6 | Influenza and pneumonia (J10–J18) | 33,882 | 3.4 | 162.7 | 6 | Chronic lower respiratory diseases (J40–J47) | 16,848 | 3.7 | 526.0 |
| 7 | Diabetes mellitus (E10–E14) | 31,159 | 3.1 | 149.6 | 7 | Diabetes mellitus (E10–E14) | 9,880 | 2.2 | 308.4 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 18,236 | 1.8 | 87.5 | 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 7,898 | 1.7 | 246.6 |
| 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 17,106 | 1.7 | 82.1 | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 7,834 | 1.7 | 244.6 |
| 10 | Septicemia (A40–A41) | 15,515 | 1.5 | 74.5 | 10 | Septicemia (A40–A41) | 6,351 | 1.4 | 198.3 |
| ... | All other causes (Residual) | 191,771 | 19.1 | 920.6 | ... | All other causes (Residual) | 97,066 | 21.3 | 3,030.2 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--------------------------------|--|---------------------|----------------------------|-------------------|
| White, both sexes, all ages ³ | | | | | White, both sexes, 10–14 years | | | | |
| ... | All causes | 2,102,589 | 100.0 | 895.7 | ... | All causes | 2,970 | 100.0 | 18.1 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 606,876 | 28.9 | 258.5 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,155 | 38.9 | 7.0 |
| 2 | Malignant neoplasms (C00–C97) | 482,481 | 22.9 | 205.5 | 2 | Malignant neoplasms (C00–C97) | 418 | 14.1 | 2.5 |
| 3 | Cerebrovascular diseases (I60–I69) | 139,719 | 6.6 | 59.5 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 211 | 7.1 | 1.3 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 115,395 | 5.5 | 49.2 | 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 166 | 5.6 | 1.0 |
| 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 90,866 | 4.3 | 38.7 | 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 112 | 3.8 | 0.7 |
| 6 | Diabetes mellitus (E10–E14) | 58,459 | 2.8 | 24.9 | 6 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 111 | 3.7 | 0.7 |
| 7 | Influenza and pneumonia (J10–J18) | 58,346 | 2.8 | 24.9 | 7 | Influenza and pneumonia (J10–J18) | 40 | 1.3 | 0.2 |
| 8 | Alzheimer's disease (G30) | 55,058 | 2.6 | 23.5 | 8 | Septicemia (A40–A41) | 38 | 1.3 | 0.2 |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 32,615 | 1.6 | 13.9 | 8 | Cerebrovascular diseases (I60–I69) | 38 | 1.3 | 0.2 |
| 10 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 28,731 | 1.4 | 12.2 | 8 | Chronic lower respiratory diseases (J40–J47) | 38 | 1.3 | 0.2 |
| ... | All other causes (Residual) | 434,043 | 20.6 | 184.9 | ... | All other causes (Residual) | 643 | 21.6 | 3.9 |
| White, both sexes, 1–4 years | | | | | White, both sexes, 15–19 years | | | | |
| ... | All causes | 3,406 | 100.0 | 28.1 | ... | All causes | 10,613 | 100.0 | 66.3 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,199 | 35.2 | 9.9 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 6,072 | 57.2 | 37.9 |
| 2 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 395 | 11.6 | 3.3 | 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,308 | 12.3 | 8.2 |
| 3 | Malignant neoplasms (C00–C97) | 306 | 9.0 | 2.5 | 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 830 | 7.8 | 5.2 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 239 | 7.0 | 2.0 | 4 | Malignant neoplasms (C00–C97) | 574 | 5.4 | 3.6 |
| 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 115 | 3.4 | 0.9 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 274 | 2.6 | 1.7 |
| 6 | Influenza and pneumonia (J10–J18) | 63 | 1.8 | 0.5 | 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 189 | 1.8 | 1.2 |
| 7 | Septicemia (A40–A41) | 58 | 1.7 | 0.5 | 7 | Influenza and pneumonia (J10–J18) | 52 | 0.5 | 0.3 |
| 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 43 | 1.3 | 0.4 | 8 | Chronic lower respiratory diseases (J40–J47) | 47 | 0.4 | 0.3 |
| 9 | Cerebrovascular diseases (I60–I69) | 40 | 1.2 | 0.3 | 9 | Septicemia (A40–A41) | 38 | 0.4 | 0.2 |
| 10 | Certain conditions originating in the perinatal period (P00–P96) | 36 | 1.1 | 0.3 | 9 | Cerebrovascular diseases (I60–I69) | 38 | 0.4 | 0.2 |
| ... | All other causes (Residual) | 912 | 26.8 | 7.5 | ... | All other causes (Residual) | 1,191 | 11.2 | 7.4 |
| White, both sexes, 5–9 years | | | | | White, both sexes, 20–24 years | | | | |
| ... | All causes | 2,168 | 100.0 | 14.0 | ... | All causes | 14,028 | 100.0 | 88.0 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 810 | 37.4 | 5.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 6,976 | 49.7 | 43.8 |
| 2 | Malignant neoplasms (C00–C97) | 428 | 19.7 | 2.8 | 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 2,098 | 15.0 | 13.2 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 155 | 7.1 | 1.0 | 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 1,307 | 9.3 | 8.2 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 83 | 3.8 | 0.5 | 4 | Malignant neoplasms (C00–C97) | 825 | 5.9 | 5.2 |
| 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 65 | 3.0 | 0.4 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 393 | 2.8 | 2.5 |
| 6 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 36 | 1.7 | 0.2 | 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 194 | 1.4 | 1.2 |
| 7 | Septicemia (A40–A41) | 31 | 1.4 | 0.2 | 7 | Cerebrovascular diseases (I60–I69) | 92 | 0.7 | 0.6 |
| 8 | Influenza and pneumonia (J10–J18) | 29 | 1.3 | 0.2 | 8 | Diabetes mellitus (E10–E14) | 73 | 0.5 | 0.5 |
| 9 | Cerebrovascular diseases (I60–I69) | 25 | 1.2 | 0.2 | 9 | Influenza and pneumonia (J10–J18) | 71 | 0.5 | 0.4 |
| 10 | Chronic lower respiratory diseases (J40–J47) | 17 | 0.8 | * | 10 | Chronic lower respiratory diseases (J40–J47) | 62 | 0.4 | 0.4 |
| ... | All other causes (Residual) | 489 | 22.6 | 3.2 | ... | All other causes (Residual) | 1,937 | 13.8 | 12.2 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--------------------------------|--|---------------------|----------------------------|-------------------|--------------------------------------|--|---------------------|----------------------------|-------------------|
| White, both sexes, 25–34 years | | | | | White, both sexes, 55–64 years | | | | |
| ... | All causes | 29,571 | 100.0 | 93.5 | ... | All causes | 205,414 | 100.0 | 902.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 10,378 | 35.1 | 32.8 | 1 | Malignant neoplasms (C00–C97) | 78,140 | 38.0 | 343.3 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 4,298 | 14.5 | 13.6 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 51,089 | 24.9 | 224.5 |
| 3 | Malignant neoplasms (C00–C97) | 2,997 | 10.1 | 9.5 | 3 | Chronic lower respiratory diseases (J40–J47) | 10,053 | 4.9 | 44.2 |
| 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 2,040 | 6.9 | 6.5 | 4 | Diabetes mellitus (E10–E14) | 7,440 | 3.6 | 32.7 |
| 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 1,865 | 6.3 | 5.9 | 5 | Cerebrovascular diseases (I60–I69) | 7,146 | 3.5 | 31.4 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 688 | 2.3 | 2.2 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 6,985 | 3.4 | 30.7 |
| 7 | Diabetes mellitus (E10–E14) | 439 | 1.5 | 1.4 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 5,259 | 2.6 | 23.1 |
| 8 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 384 | 1.3 | 1.2 | 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 3,414 | 1.7 | 15.0 |
| 9 | Cerebrovascular diseases (I60–I69) | 376 | 1.3 | 1.2 | 9 | Septicemia (A40–A41) | 2,410 | 1.2 | 10.6 |
| 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 285 | 1.0 | 0.9 | 10 | Influenza and pneumonia (J10–J18) | 2,357 | 1.1 | 10.4 |
| ... | All other causes (Residual) | 5,821 | 19.7 | 18.4 | ... | All other causes (Residual) | 31,121 | 15.2 | 136.7 |
| White, both sexes, 35–44 years | | | | | White, both sexes, 65 years and over | | | | |
| ... | All causes | 68,093 | 100.0 | 186.6 | ... | All causes | 1,615,855 | 100.0 | 5,140.2 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 13,901 | 20.4 | 38.1 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 514,179 | 31.8 | 1,635.6 |
| 2 | Malignant neoplasms (C00–C97) | 12,582 | 18.5 | 34.5 | 2 | Malignant neoplasms (C00–C97) | 346,635 | 21.5 | 1,102.7 |
| 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 9,967 | 14.6 | 27.3 | 3 | Cerebrovascular diseases (I60–I69) | 126,470 | 7.8 | 402.3 |
| 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 6,219 | 9.1 | 17.0 | 4 | Chronic lower respiratory diseases (J40–J47) | 101,421 | 6.3 | 322.6 |
| 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 2,656 | 3.9 | 7.3 | 5 | Alzheimer's disease (G30) | 54,532 | 3.4 | 173.5 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 2,570 | 3.8 | 7.0 | 6 | Influenza and pneumonia (J10–J18) | 53,168 | 3.3 | 169.1 |
| 7 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 1,739 | 2.6 | 4.8 | 7 | Diabetes mellitus (E10–E14) | 44,985 | 2.8 | 143.1 |
| 8 | Diabetes mellitus (E10–E14) | 1,554 | 2.3 | 4.3 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 30,660 | 1.9 | 97.5 |
| 9 | Cerebrovascular diseases (I60–I69) | 1,547 | 2.3 | 4.2 | 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 28,537 | 1.8 | 90.8 |
| 10 | Influenza and pneumonia (J10–J18) | 697 | 1.0 | 1.9 | 10 | Septicemia (A40–A41) | 22,108 | 1.4 | 70.3 |
| ... | All other causes (Residual) | 14,661 | 21.5 | 40.2 | ... | All other causes (Residual) | 293,160 | 18.1 | 932.6 |
| White, both sexes, 45–54 years | | | | | White, both sexes, 65–74 years | | | | |
| ... | All causes | 131,816 | 100.0 | 395.3 | ... | All causes | 360,047 | 100.0 | 2,267.6 |
| 1 | Malignant neoplasms (C00–C97) | 39,516 | 30.0 | 118.5 | 1 | Malignant neoplasms (C00–C97) | 125,458 | 34.8 | 790.1 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 28,279 | 21.5 | 84.8 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 94,492 | 26.2 | 595.1 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 12,069 | 9.2 | 36.2 | 3 | Chronic lower respiratory diseases (J40–J47) | 27,501 | 7.6 | 173.2 |
| 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 6,020 | 4.6 | 18.1 | 4 | Cerebrovascular diseases (I60–I69) | 17,572 | 4.9 | 110.7 |
| 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 5,885 | 4.5 | 17.6 | 5 | Diabetes mellitus (E10–E14) | 12,942 | 3.6 | 81.5 |
| 6 | Diabetes mellitus (E10–E14) | 3,908 | 3.0 | 11.7 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 6,967 | 1.9 | 43.9 |
| 7 | Cerebrovascular diseases (I60–I69) | 3,874 | 2.9 | 11.6 | 7 | Influenza and pneumonia (J10–J18) | 5,830 | 1.6 | 36.7 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 2,812 | 2.1 | 8.4 | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 5,303 | 1.5 | 33.4 |
| 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,921 | 1.5 | 5.8 | 9 | Septicemia (A40–A41) | 4,938 | 1.4 | 31.1 |
| 10 | Viral hepatitis (B15–B19) | 1,881 | 1.4 | 5.6 | 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 4,877 | 1.4 | 30.7 |
| ... | All other causes (Residual) | 25,651 | 19.5 | 76.9 | ... | All other causes (Residual) | 54,167 | 15.0 | 341.1 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--------------------------------------|--|---------------------|----------------------------|-------------------|--------------------------|--|---------------------|----------------------------|-------------------|
| White, both sexes, 75–84 years | | | | | White, male, 1–4 years | | | | |
| ... | All causes | 632,353 | 100.0 | 5,544.2 | ... | All causes | 1,958 | 100.0 | 31.5 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 190,122 | 30.1 | 1,666.9 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 736 | 37.6 | 11.8 |
| 2 | Malignant neoplasms (C00–C97) | 149,525 | 23.6 | 1,311.0 | 2 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 211 | 10.8 | 3.4 |
| 3 | Cerebrovascular diseases (I60–I69) | 48,298 | 7.6 | 423.5 | 3 | Malignant neoplasms (C00–C97) | 168 | 8.6 | 2.7 |
| 4 | Chronic lower respiratory diseases. (J40–J47) | 46,258 | 7.3 | 405.6 | 4 | Assault (homicide). . . . (*U01–*U02,X85–Y09,Y87.1) | 133 | 6.8 | 2.1 |
| 5 | Diabetes mellitus (E10–E14) | 19,433 | 3.1 | 170.4 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 65 | 3.3 | 1.0 |
| 6 | Alzheimer's disease. (G30) | 18,791 | 3.0 | 164.8 | 6 | Influenza and pneumonia (J10–J18) | 35 | 1.8 | 0.6 |
| 7 | Influenza and pneumonia (J10–J18) | 17,898 | 2.8 | 156.9 | 7 | Septicemia (A40–A41) | 34 | 1.7 | 0.5 |
| 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 11,816 | 1.9 | 103.6 | 8 | Cerebrovascular diseases (I60–I69) | 22 | 1.1 | 0.4 |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 11,659 | 1.8 | 102.2 | 9 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 21 | 1.1 | 0.3 |
| 10 | Septicemia (A40–A41) | 9,202 | 1.5 | 80.7 | 9 | Chronic lower respiratory diseases. (J40–J47) | 21 | 1.1 | 0.3 |
| ... | All other causes (Residual) | 109,351 | 17.3 | 958.7 | ... | All other causes (Residual) | 512 | 26.1 | 8.2 |
| White, both sexes, 85 years and over | | | | | White, male, 5–9 years | | | | |
| ... | All causes | 623,455 | 100.0 | 15,015.9 | ... | All causes | 1,219 | 100.0 | 15.4 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 229,565 | 36.8 | 5,529.1 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 497 | 40.8 | 6.3 |
| 2 | Malignant neoplasms (C00–C97) | 71,652 | 11.5 | 1,725.7 | 2 | Malignant neoplasms (C00–C97) | 229 | 18.8 | 2.9 |
| 3 | Cerebrovascular diseases (I60–I69) | 60,600 | 9.7 | 1,459.5 | 3 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 75 | 6.2 | 0.9 |
| 4 | Alzheimer's disease. (G30) | 32,459 | 5.2 | 781.8 | 4 | Assault (homicide). . . . (*U01–*U02,X85–Y09,Y87.1) | 35 | 2.9 | 0.4 |
| 5 | Influenza and pneumonia (J10–J18) | 29,440 | 4.7 | 709.1 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 30 | 2.5 | 0.4 |
| 6 | Chronic lower respiratory diseases. (J40–J47) | 27,662 | 4.4 | 666.2 | 6 | Septicemia (A40–A41) | 21 | 1.7 | 0.3 |
| 7 | Diabetes mellitus (E10–E14) | 12,610 | 2.0 | 303.7 | 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 16 | 1.3 | * |
| 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 11,877 | 1.9 | 286.1 | 8 | Chronic lower respiratory diseases. (J40–J47) | 12 | 1.0 | * |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 11,575 | 1.9 | 278.8 | 9 | Cerebrovascular diseases (I60–I69) | 11 | 0.9 | * |
| 10 | Septicemia (A40–A41) | 7,968 | 1.3 | 191.9 | 10 | Influenza and pneumonia (J10–J18) | 10 | 0.8 | * |
| ... | All other causes (Residual) | 128,047 | 20.5 | 3,084.0 | ... | All other causes (Residual) | 283 | 23.2 | 3.6 |
| White, male, all ages ³ | | | | | White, male, 10–14 years | | | | |
| ... | All causes | 1,025,196 | 100.0 | 884.0 | ... | All causes | 1,786 | 100.0 | 21.2 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 296,904 | 29.0 | 256.0 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 743 | 41.6 | 8.8 |
| 2 | Malignant neoplasms (C00–C97) | 249,867 | 24.4 | 215.5 | 2 | Malignant neoplasms (C00–C97) | 230 | 12.9 | 2.7 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 58,467 | 5.7 | 50.4 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 157 | 8.8 | 1.9 |
| 4 | Chronic lower respiratory diseases. (J40–J47) | 55,409 | 5.4 | 47.8 | 4 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 84 | 4.7 | 1.0 |
| 5 | Cerebrovascular diseases (I60–I69) | 52,959 | 5.2 | 45.7 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 69 | 3.9 | 0.8 |
| 6 | Diabetes mellitus (E10–E14) | 28,110 | 2.7 | 24.2 | 6 | Assault (homicide). . . . (*U01–*U02,X85–Y09,Y87.1) | 63 | 3.5 | 0.7 |
| 7 | Influenza and pneumonia (J10–J18) | 25,381 | 2.5 | 21.9 | 7 | Septicemia (A40–A41) | 21 | 1.2 | 0.2 |
| 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 23,049 | 2.2 | 19.9 | 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 21 | 1.2 | 0.2 |
| 9 | Alzheimer's disease. (G30) | 15,874 | 1.5 | 13.7 | 9 | Chronic lower respiratory diseases. (J40–J47) | 19 | 1.1 | * |
| 10 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 15,850 | 1.5 | 13.7 | 10 | Cerebrovascular diseases (I60–I69) | 18 | 1.0 | * |
| ... | All other causes (Residual) | 203,326 | 19.8 | 175.3 | ... | All other causes (Residual) | 361 | 20.2 | 4.3 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--------------------------|--|---------------------|----------------------------|-------------------|--------------------------|--|---------------------|----------------------------|-------------------|
| White, male, 15–19 years | | | | | White, male, 35–44 years | | | | |
| ... | All causes | 7,474 | 100.0 | 90.5 | ... | All causes | 43,955 | 100.0 | 239.3 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 4,214 | 56.4 | 51.0 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 10,040 | 22.8 | 54.7 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,109 | 14.8 | 13.4 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 7,288 | 16.6 | 39.7 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 681 | 9.1 | 8.2 | 3 | Malignant neoplasms (C00–C97) | 5,604 | 12.7 | 30.5 |
| 4 | Malignant neoplasms (C00–C97) | 344 | 4.6 | 4.2 | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 4,813 | 10.9 | 26.2 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 185 | 2.5 | 2.2 | 5 | Human immunodeficiency virus (HIV) disease (B20–B24) | 2,123 | 4.8 | 11.6 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 111 | 1.5 | 1.3 | 6 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1,783 | 4.1 | 9.7 |
| 7 | Influenza and pneumonia (J10–J18) | 31 | 0.4 | 0.4 | 7 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 1,240 | 2.8 | 6.8 |
| 7 | Chronic lower respiratory diseases (J40–J47) | 31 | 0.4 | 0.4 | 8 | Diabetes mellitus (E10–E14) | 978 | 2.2 | 5.3 |
| 9 | Cerebrovascular diseases (I60–I69) | 23 | 0.3 | 0.3 | 9 | Cerebrovascular diseases (I60–I69) | 773 | 1.8 | 4.2 |
| 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 18 | 0.2 | * | 10 | Viral hepatitis (B15–B19) | 429 | 1.0 | 2.3 |
| 10 | Diabetes mellitus (E10–E14) | 18 | 0.2 | * | ... | All other causes (Residual) | 8,884 | 20.2 | 48.4 |
| ... | All other causes (Residual) | 709 | 9.5 | 8.6 | White, male, 45–54 years | | | | |
| White, male, 20–24 years | | | | | ... | All causes | 83,651 | 100.0 | 505.4 |
| ... | All causes | 10,608 | 100.0 | 128.9 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 21,283 | 25.4 | 128.6 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 5,465 | 51.5 | 66.4 | 2 | Malignant neoplasms (C00–C97) | 20,157 | 24.1 | 121.8 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,810 | 17.1 | 22.0 | 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 8,664 | 10.4 | 52.3 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 1,065 | 10.0 | 12.9 | 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 4,489 | 5.4 | 27.1 |
| 4 | Malignant neoplasms (C00–C97) | 486 | 4.6 | 5.9 | 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 4,477 | 5.4 | 27.0 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 272 | 2.6 | 3.3 | 6 | Diabetes mellitus (E10–E14) | 2,368 | 2.8 | 14.3 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 107 | 1.0 | 1.3 | 7 | Cerebrovascular diseases (I60–I69) | 2,132 | 2.5 | 12.9 |
| 7 | Cerebrovascular diseases (I60–I69) | 56 | 0.5 | 0.7 | 8 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,619 | 1.9 | 9.8 |
| 8 | Influenza and pneumonia (J10–J18) | 43 | 0.4 | 0.5 | 9 | Chronic lower respiratory diseases (J40–J47) | 1,453 | 1.7 | 8.8 |
| 9 | Diabetes mellitus (E10–E14) | 42 | 0.4 | 0.5 | 10 | Viral hepatitis (B15–B19) | 1,432 | 1.7 | 8.7 |
| 10 | Legal intervention (Y35,Y89.0) | 33 | 0.3 | 0.4 | ... | All other causes (Residual) | 15,577 | 18.6 | 94.1 |
| ... | All other causes (Residual) | 1,229 | 11.6 | 14.9 | White, male, 55–64 years | | | | |
| White, male, 25–34 years | | | | | ... | All causes | 123,551 | 100.0 | 1,118.6 |
| ... | All causes | 20,798 | 100.0 | 128.3 | 1 | Malignant neoplasms (C00–C97) | 42,632 | 34.5 | 386.0 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 7,986 | 38.4 | 49.3 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 35,789 | 29.0 | 324.0 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 3,495 | 16.8 | 21.6 | 3 | Chronic lower respiratory diseases (J40–J47) | 5,080 | 4.1 | 46.0 |
| 3 | Malignant neoplasms (C00–C97) | 1,472 | 7.1 | 9.1 | 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 4,807 | 3.9 | 43.5 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 1,435 | 6.9 | 8.9 | 5 | Diabetes mellitus (E10–E14) | 4,371 | 3.5 | 39.6 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,420 | 6.8 | 8.8 | 6 | Cerebrovascular diseases (I60–I69) | 3,937 | 3.2 | 35.6 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 532 | 2.6 | 3.3 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 3,672 | 3.0 | 33.2 |
| 7 | Diabetes mellitus (E10–E14) | 266 | 1.3 | 1.6 | 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 2,684 | 2.2 | 24.3 |
| 8 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 231 | 1.1 | 1.4 | 9 | Influenza and pneumonia (J10–J18) | 1,358 | 1.1 | 12.3 |
| 9 | Cerebrovascular diseases (I60–I69) | 195 | 0.9 | 1.2 | 10 | Septicemia (A40–A41) | 1,290 | 1.0 | 11.7 |
| 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 193 | 0.9 | 1.2 | ... | All other causes (Residual) | 17,931 | 14.5 | 162.3 |
| ... | All other causes (Residual) | 3,573 | 17.2 | 22.0 | | | | | |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--------------------------------|--|---------------------|----------------------------|-------------------|--------------------------------------|--|---------------------|----------------------------|-------------------|
| White, male, 65 years and over | | | | | White, male, 85 years and over | | | | |
| ... | All causes | 719,533 | 100.0 | 5,481.8 | ... | All causes | 207,144 | 100.0 | 16,473.2 |
| 1 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 230,298 | 32.0 | 1,754.5 | 1 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 74,691 | 36.1 | 5,939.8 |
| 2 | Malignant neoplasms (C00-C97) | 178,507 | 24.8 | 1,360.0 | 2 | Malignant neoplasms (C00-C97) | 31,270 | 15.1 | 2,486.8 |
| 3 | Chronic lower respiratory diseases (J40-J47) | 48,307 | 6.7 | 368.0 | 3 | Cerebrovascular diseases (I60-I69) | 16,692 | 8.1 | 1,327.4 |
| 4 | Cerebrovascular diseases (I60-I69) | 45,750 | 6.4 | 348.5 | 4 | Chronic lower respiratory diseases (J40-J47) | 11,611 | 5.6 | 923.4 |
| 5 | Influenza and pneumonia (J10-J18) | 22,394 | 3.1 | 170.6 | 5 | Influenza and pneumonia (J10-J18) | 10,260 | 5.0 | 815.9 |
| 6 | Diabetes mellitus (E10-E14) | 20,049 | 2.8 | 152.7 | 6 | Alzheimer's disease (G30) | 7,479 | 3.6 | 594.8 |
| 7 | Alzheimer's disease (G30) | 15,634 | 2.2 | 119.1 | 7 | Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 4,746 | 2.3 | 377.4 |
| 8 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 14,890 | 2.1 | 113.4 | 8 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 4,484 | 2.2 | 356.6 |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 13,632 | 1.9 | 103.9 | 9 | Diabetes mellitus (E10-E14) | 4,329 | 2.1 | 344.3 |
| 10 | Septicemia (A40-A41) | 9,227 | 1.3 | 70.3 | 10 | Pneumonitis due to solids and liquids (J69) | 3,453 | 1.7 | 274.6 |
| ... | All other causes (Residual) | 120,845 | 16.8 | 920.7 | ... | All other causes (Residual) | 38,129 | 18.4 | 3,032.2 |
| White, male, 65-74 years | | | | | White, female, all ages ³ | | | | |
| ... | All causes | 203,735 | 100.0 | 2,795.4 | ... | All causes | 1,077,393 | 100.0 | 907.0 |
| 1 | Malignant neoplasms (C00-C97) | 69,588 | 34.2 | 954.8 | 1 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 309,972 | 28.8 | 261.0 |
| 2 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 58,873 | 28.9 | 807.8 | 2 | Malignant neoplasms (C00-C97) | 232,614 | 21.6 | 195.8 |
| 3 | Chronic lower respiratory diseases (J40-J47) | 14,015 | 6.9 | 192.3 | 3 | Cerebrovascular diseases (I60-I69) | 86,760 | 8.1 | 73.0 |
| 4 | Cerebrovascular diseases (I60-I69) | 9,021 | 4.4 | 123.8 | 4 | Chronic lower respiratory diseases (J40-J47) | 59,986 | 5.6 | 50.5 |
| 5 | Diabetes mellitus (E10-E14) | 6,800 | 3.3 | 93.3 | 5 | Alzheimer's disease (G30) | 39,184 | 3.6 | 33.0 |
| 6 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 4,316 | 2.1 | 59.2 | 6 | Influenza and pneumonia (J10-J18) | 32,965 | 3.1 | 27.8 |
| 7 | Influenza and pneumonia (J10-J18) | 3,291 | 1.6 | 45.2 | 7 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 32,399 | 3.0 | 27.3 |
| 8 | Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 2,914 | 1.4 | 40.0 | 8 | Diabetes mellitus (E10-E14) | 30,349 | 2.8 | 25.6 |
| 9 | Chronic liver disease and cirrhosis (K70,K73-K74) | 2,901 | 1.4 | 39.8 | 9 | Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 16,765 | 1.6 | 14.1 |
| 10 | Septicemia (A40-A41) | 2,482 | 1.2 | 34.1 | 10 | Septicemia (A40-A41) | 15,191 | 1.4 | 12.8 |
| ... | All other causes (Residual) | 29,534 | 14.5 | 405.2 | ... | All other causes (Residual) | 221,208 | 20.5 | 186.2 |
| White, male, 75-84 years | | | | | White, female, 1-4 years | | | | |
| ... | All causes | 308,654 | 100.0 | 6,738.8 | ... | All causes | 1,448 | 100.0 | 24.5 |
| 1 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 96,734 | 31.3 | 2,112.0 | 1 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 463 | 32.0 | 7.8 |
| 2 | Malignant neoplasms (C00-C97) | 77,649 | 25.2 | 1,695.3 | 2 | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 184 | 12.7 | 3.1 |
| 3 | Chronic lower respiratory diseases (J40-J47) | 22,681 | 7.3 | 495.2 | 3 | Malignant neoplasms (C00-C97) | 138 | 9.5 | 2.3 |
| 4 | Cerebrovascular diseases (I60-I69) | 20,037 | 6.5 | 437.5 | 4 | Assault (homicide) . . . (*U01-*U02,X85-Y09,Y87.1) | 106 | 7.3 | 1.8 |
| 5 | Diabetes mellitus (E10-E14) | 8,920 | 2.9 | 194.7 | 5 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 50 | 3.5 | 0.8 |
| 6 | Influenza and pneumonia (J10-J18) | 8,843 | 2.9 | 193.1 | 6 | Influenza and pneumonia (J10-J18) | 28 | 1.9 | 0.5 |
| 7 | Alzheimer's disease (G30) | 6,746 | 2.2 | 147.3 | 7 | Septicemia (A40-A41) | 24 | 1.7 | 0.4 |
| 8 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 6,090 | 2.0 | 133.0 | 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48) | 22 | 1.5 | 0.4 |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 5,972 | 1.9 | 130.4 | 9 | Cerebrovascular diseases (I60-I69) | 18 | 1.2 | * |
| 10 | Parkinson's disease (G20-G21) | 4,604 | 1.5 | 100.5 | 10 | Certain conditions originating in the perinatal period (P00-P96) | 17 | 1.2 | * |
| ... | All other causes (Residual) | 50,378 | 16.3 | 1,099.9 | ... | All other causes (Residual) | 398 | 27.5 | 6.7 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|-----------------------------------|--|---------------------|----------------------------|-------------------|-----------------------------------|--|---------------------|----------------------------|-------------------|
| White, female, 5–9 years | | | | | White, female, 20–24 years | | | | |
| ... | All causes | 949 | 100.0 | 12.6 | ... | All causes | 3,420 | 100.0 | 44.4 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 313 | 33.0 | 4.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,511 | 44.2 | 19.6 |
| 2 | Malignant neoplasms (C00–C97) | 199 | 21.0 | 2.6 | 2 | Malignant neoplasms (C00–C97) | 339 | 9.9 | 4.4 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 80 | 8.4 | 1.1 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 288 | 8.4 | 3.7 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 48 | 5.1 | 0.6 | 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 242 | 7.1 | 3.1 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 35 | 3.7 | 0.5 | 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 121 | 3.5 | 1.6 |
| 6 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 20 | 2.1 | 0.3 | 6 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 87 | 2.5 | 1.1 |
| 7 | Influenza and pneumonia (J10–J18) | 19 | 2.0 | * | 7 | Cerebrovascular diseases (I60–I69) | 36 | 1.1 | 0.5 |
| 8 | Cerebrovascular diseases (I60–I69) | 14 | 1.5 | * | 8 | Chronic lower respiratory diseases. (J40–J47) | 33 | 1.0 | 0.4 |
| 9 | Septicemia (A40–A41) | 10 | 1.1 | * | 9 | Diabetes mellitus (E10–E14) | 31 | 0.9 | 0.4 |
| 10 | Anemias (D50–D64) | 9 | 0.9 | * | 10 | Influenza and pneumonia (J10–J18) | 28 | 0.8 | 0.4 |
| ... | All other causes (Residual) | 202 | 21.3 | 2.7 | 10 | Pregnancy, childbirth and the puerperium (O00–099) | 28 | 0.8 | 0.4 |
| White, female, 10–14 years | | | | | White, female, 25–34 years | | | | |
| ... | All causes | 1,184 | 100.0 | 14.8 | ... | All causes | 8,773 | 100.0 | 56.9 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 412 | 34.8 | 5.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,392 | 27.3 | 15.5 |
| 2 | Malignant neoplasms (C00–C97) | 188 | 15.9 | 2.4 | 2 | Malignant neoplasms (C00–C97) | 1,525 | 17.4 | 9.9 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 82 | 6.9 | 1.0 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 803 | 9.2 | 5.2 |
| 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 54 | 4.6 | 0.7 | 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 620 | 7.1 | 4.0 |
| 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 49 | 4.1 | 0.6 | 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 430 | 4.9 | 2.8 |
| 6 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 42 | 3.5 | 0.5 | 6 | Cerebrovascular diseases (I60–I69) | 181 | 2.1 | 1.2 |
| 7 | Influenza and pneumonia (J10–J18) | 24 | 2.0 | 0.3 | 7 | Diabetes mellitus (E10–E14) | 173 | 2.0 | 1.1 |
| 8 | Cerebrovascular diseases (I60–I69) | 20 | 1.7 | 0.3 | 8 | Human immunodeficiency virus (HIV) disease (B20–B24) | 156 | 1.8 | 1.0 |
| 9 | Chronic lower respiratory diseases. (J40–J47) | 19 | 1.6 | * | 9 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 153 | 1.7 | 1.0 |
| 10 | Septicemia (A40–A41) | 17 | 1.4 | * | 10 | Influenza and pneumonia (J10–J18) | 111 | 1.3 | 0.7 |
| ... | All other causes (Residual) | 277 | 23.4 | 3.5 | ... | All other causes (Residual) | 2,229 | 25.4 | 14.5 |
| White, female, 15–19 years | | | | | White, female, 35–44 years | | | | |
| ... | All causes | 3,139 | 100.0 | 40.4 | ... | All causes | 24,138 | 100.0 | 133.2 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,858 | 59.2 | 23.9 | 1 | Malignant neoplasms (C00–C97) | 6,978 | 28.9 | 38.5 |
| 2 | Malignant neoplasms (C00–C97) | 230 | 7.3 | 3.0 | 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 3,861 | 16.0 | 21.3 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 199 | 6.3 | 2.6 | 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 2,679 | 11.1 | 14.8 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 149 | 4.7 | 1.9 | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,406 | 5.8 | 7.8 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 89 | 2.8 | 1.1 | 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 873 | 3.6 | 4.8 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 78 | 2.5 | 1.0 | 6 | Cerebrovascular diseases (I60–I69) | 774 | 3.2 | 4.3 |
| 7 | Septicemia (A40–A41) | 22 | 0.7 | 0.3 | 7 | Diabetes mellitus (E10–E14) | 576 | 2.4 | 3.2 |
| 8 | Influenza and pneumonia (J10–J18) | 21 | 0.7 | 0.3 | 8 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 499 | 2.1 | 2.8 |
| 9 | Diabetes mellitus (E10–E14) | 18 | 0.6 | * | 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 447 | 1.9 | 2.5 |
| 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. (D00–D48) | 16 | 0.5 | * | 10 | Chronic lower respiratory diseases. (J40–J47) | 360 | 1.5 | 2.0 |
| ... | All other causes (Residual) | 443 | 14.1 | 5.7 | ... | All other causes (Residual) | 5,685 | 23.6 | 31.4 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|----------------------------------|--|---------------------|----------------------------|-------------------|----------------------------------|--|---------------------|----------------------------|-------------------|
| White, female, 45–54 years | | | | | White, female, 65–74 years | | | | |
| ... | All causes | 48,165 | 100.0 | 286.8 | ... | All causes | 156,312 | 100.0 | 1,819.7 |
| 1 | Malignant neoplasms (C00–C97) | 19,359 | 40.2 | 115.3 | 1 | Malignant neoplasms (C00–C97) | 55,870 | 35.7 | 650.4 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 6,996 | 14.5 | 41.7 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 35,619 | 22.8 | 414.7 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 3,405 | 7.1 | 20.3 | 3 | Chronic lower respiratory diseases (J40–J47) | 13,486 | 8.6 | 157.0 |
| 4 | Cerebrovascular diseases (I60–I69) | 1,742 | 3.6 | 10.4 | 4 | Cerebrovascular diseases (I60–I69) | 8,551 | 5.5 | 99.5 |
| 5 | Diabetes mellitus (E10–E14) | 1,540 | 3.2 | 9.2 | 5 | Diabetes mellitus (E10–E14) | 6,142 | 3.9 | 71.5 |
| 6 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1,531 | 3.2 | 9.1 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,651 | 1.7 | 30.9 |
| 7 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,408 | 2.9 | 8.4 | 7 | Influenza and pneumonia (J10–J18) | 2,539 | 1.6 | 29.6 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 1,359 | 2.8 | 8.1 | 8 | Septicemia (A40–A41) | 2,456 | 1.6 | 28.6 |
| 9 | Septicemia (A40–A41) | 634 | 1.3 | 3.8 | 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 2,389 | 1.5 | 27.8 |
| 10 | Influenza and pneumonia (J10–J18) | 599 | 1.2 | 3.6 | 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1,976 | 1.3 | 23.0 |
| ... | All other causes (Residual) | 9,592 | 19.9 | 57.1 | ... | All other causes (Residual) | 24,633 | 15.8 | 286.8 |
| White, female, 55–64 years | | | | | White, female, 75–84 years | | | | |
| ... | All causes | 81,863 | 100.0 | 698.7 | ... | All causes | 323,699 | 100.0 | 4,742.5 |
| 1 | Malignant neoplasms (C00–C97) | 35,508 | 43.4 | 303.1 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 93,388 | 28.9 | 1,368.2 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 15,300 | 18.7 | 130.6 | 2 | Malignant neoplasms (C00–C97) | 71,876 | 22.2 | 1,053.1 |
| 3 | Chronic lower respiratory diseases (J40–J47) | 4,973 | 6.1 | 42.4 | 3 | Cerebrovascular diseases (I60–I69) | 28,261 | 8.7 | 414.1 |
| 4 | Cerebrovascular diseases (I60–I69) | 3,209 | 3.9 | 27.4 | 4 | Chronic lower respiratory diseases (J40–J47) | 23,577 | 7.3 | 345.4 |
| 5 | Diabetes mellitus (E10–E14) | 3,069 | 3.7 | 26.2 | 5 | Alzheimer's disease (G30) | 12,045 | 3.7 | 176.5 |
| 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,178 | 2.7 | 18.6 | 6 | Diabetes mellitus (E10–E14) | 10,513 | 3.2 | 154.0 |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1,587 | 1.9 | 13.5 | 7 | Influenza and pneumonia (J10–J18) | 9,055 | 2.8 | 132.7 |
| 8 | Septicemia (A40–A41) | 1,120 | 1.4 | 9.6 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 5,726 | 1.8 | 83.9 |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 1,062 | 1.3 | 9.1 | 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 5,687 | 1.8 | 83.3 |
| 10 | Influenza and pneumonia (J10–J18) | 999 | 1.2 | 8.5 | 10 | Septicemia (A40–A41) | 5,009 | 1.5 | 73.4 |
| ... | All other causes (Residual) | 12,858 | 15.7 | 109.7 | ... | All other causes (Residual) | 58,562 | 18.1 | 858.0 |
| White, female, 65 years and over | | | | | White, female, 85 years and over | | | | |
| ... | All causes | 896,322 | 100.0 | 4,895.3 | ... | All causes | 416,311 | 100.0 | 14,382.8 |
| 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 283,881 | 31.7 | 1,550.4 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 154,874 | 37.2 | 5,350.6 |
| 2 | Malignant neoplasms (C00–C97) | 168,128 | 18.8 | 918.2 | 2 | Cerebrovascular diseases (I60–I69) | 43,908 | 10.5 | 1,516.9 |
| 3 | Cerebrovascular diseases (I60–I69) | 80,720 | 9.0 | 440.9 | 3 | Malignant neoplasms (C00–C97) | 40,382 | 9.7 | 1,395.1 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 53,114 | 5.9 | 290.1 | 4 | Alzheimer's disease (G30) | 24,980 | 6.0 | 863.0 |
| 5 | Alzheimer's disease (G30) | 38,898 | 4.3 | 212.4 | 5 | Influenza and pneumonia (J10–J18) | 19,180 | 4.6 | 662.6 |
| 6 | Influenza and pneumonia (J10–J18) | 30,774 | 3.4 | 168.1 | 6 | Chronic lower respiratory diseases (J40–J47) | 16,051 | 3.9 | 554.5 |
| 7 | Diabetes mellitus (E10–E14) | 24,936 | 2.8 | 136.2 | 7 | Diabetes mellitus (E10–E14) | 8,281 | 2.0 | 286.1 |
| 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 15,770 | 1.8 | 86.1 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 7,393 | 1.8 | 255.4 |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 14,905 | 1.7 | 81.4 | 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 6,829 | 1.6 | 235.9 |
| 10 | Septicemia (A40–A41) | 12,881 | 1.4 | 70.3 | 10 | Septicemia (A40–A41) | 5,416 | 1.3 | 187.1 |
| ... | All other causes (Residual) | 172,315 | 19.2 | 941.1 | ... | All other causes (Residual) | 89,017 | 21.4 | 3,075.4 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--------------------------------|--|---------------------|----------------------------|-------------------|
| Black, both sexes, all ages ³ | | | | | Black, both sexes, 10–14 years | | | | |
| ... | All causes | 290,051 | 100.0 | 768.4 | ... | All causes | 965 | 100.0 | 27.5 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 77,621 | 26.8 | 205.6 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 315 | 32.6 | 9.0 |
| 2 | Malignant neoplasms (C00–C97) | 62,617 | 21.6 | 165.9 | 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 90 | 9.3 | 2.6 |
| 3 | Cerebrovascular diseases (I60–I69) | 18,856 | 6.5 | 50.0 | 3 | Malignant neoplasms (C00–C97) | 87 | 9.0 | 2.5 |
| 4 | Diabetes mellitus (E10–E14) | 12,687 | 4.4 | 33.6 | 4 | Chronic lower respiratory diseases (J40–J47) | 55 | 5.7 | 1.6 |
| 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 12,513 | 4.3 | 33.1 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 46 | 4.8 | 1.3 |
| 6 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 8,287 | 2.9 | 22.0 | 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 43 | 4.5 | 1.2 |
| 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 7,835 | 2.7 | 20.8 | 7 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 34 | 3.5 | 1.0 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 7,831 | 2.7 | 20.7 | 8 | Cerebrovascular diseases (I60–I69) | 17 | 1.8 | * |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 7,488 | 2.6 | 19.8 | 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 15 | 1.6 | * |
| 10 | Septicemia (A40–A41) | 6,137 | 2.1 | 16.3 | 10 | Anemias (D50–D64) | 14 | 1.5 | * |
| ... | All other causes (Residual) | 68,179 | 23.5 | 180.6 | ... | All other causes (Residual) | 249 | 25.8 | 7.1 |
| Black, both sexes, 1–4 years | | | | | Black, both sexes, 15–19 years | | | | |
| ... | All causes | 1,196 | 100.0 | 47.1 | ... | All causes | 2,602 | 100.0 | 82.0 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 359 | 30.0 | 14.1 | 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 983 | 37.8 | 31.0 |
| 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 161 | 13.5 | 6.3 | 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 758 | 29.1 | 23.9 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 114 | 9.5 | 4.5 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 128 | 4.9 | 4.0 |
| 4 | Malignant neoplasms (C00–C97) | 74 | 6.2 | 2.9 | 4 | Malignant neoplasms (C00–C97) | 115 | 4.4 | 3.6 |
| 5 | Influenza and pneumonia (J10–J18) | 41 | 3.4 | 1.6 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 109 | 4.2 | 3.4 |
| 6 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 40 | 3.3 | 1.6 | 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 54 | 2.1 | 1.7 |
| 7 | Chronic lower respiratory diseases (J40–J47) | 30 | 2.5 | 1.2 | 7 | Chronic lower respiratory diseases (J40–J47) | 43 | 1.7 | 1.4 |
| 8 | Certain conditions originating in the perinatal period (P00–P96) | 26 | 2.2 | 1.0 | 8 | Anemias (D50–D64) | 27 | 1.0 | 0.9 |
| 9 | Septicemia (A40–A41) | 17 | 1.4 | * | 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 25 | 1.0 | 0.8 |
| 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 14 | 1.2 | * | 10 | Influenza and pneumonia (J10–J18) | 18 | 0.7 | * |
| ... | All other causes (Residual) | 320 | 26.8 | 12.6 | ... | All other causes (Residual) | 342 | 13.1 | 10.8 |
| Black, both sexes, 5–9 years | | | | | Black, both sexes, 20–24 years | | | | |
| ... | All causes | 701 | 100.0 | 21.3 | ... | All causes | 4,443 | 100.0 | 146.8 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 306 | 43.7 | 9.3 | 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 1,917 | 43.1 | 63.4 |
| 2 | Malignant neoplasms (C00–C97) | 85 | 12.1 | 2.6 | 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 968 | 21.8 | 32.0 |
| 3 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 45 | 6.4 | 1.4 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 275 | 6.2 | 9.1 |
| 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 40 | 5.7 | 1.2 | 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 197 | 4.4 | 6.5 |
| 5 | Chronic lower respiratory diseases (J40–J47) | 21 | 3.0 | 0.6 | 5 | Malignant neoplasms (C00–C97) | 135 | 3.0 | 4.5 |
| 6 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 19 | 2.7 | * | 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 99 | 2.2 | 3.3 |
| 7 | Anemias (D50–D64) | 12 | 1.7 | * | 7 | Anemias (D50–D64) | 52 | 1.2 | 1.7 |
| 8 | Septicemia (A40–A41) | 7 | 1.0 | * | 8 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 46 | 1.0 | 1.5 |
| 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 7 | 1.0 | * | 9 | Diabetes mellitus (E10–E14) | 42 | 0.9 | 1.4 |
| 8 | Cerebrovascular diseases (I60–I69) | 7 | 1.0 | * | 10 | Chronic lower respiratory diseases (J40–J47) | 36 | 0.8 | 1.2 |
| 8 | Influenza and pneumonia (J10–J18) | 7 | 1.0 | * | ... | All other causes (Residual) | 676 | 15.2 | 22.3 |
| ... | All other causes (Residual) | 145 | 20.7 | 4.4 | | | | | |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--------------------------------|--|---------------------|----------------------------|-------------------|--------------------------------------|--|---------------------|----------------------------|-------------------|
| Black, both sexes, 25–34 years | | | | | Black, both sexes, 55–64 years | | | | |
| ... | All causes | 10,171 | 100.0 | 186.8 | ... | All causes | 41,336 | 100.0 | 1,565.2 |
| 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 2,469 | 24.3 | 45.3 | 1 | Malignant neoplasms (C00–C97) | 12,825 | 31.0 | 485.6 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,711 | 16.8 | 31.4 | 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 11,696 | 28.3 | 442.9 |
| 3 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,123 | 11.0 | 20.6 | 3 | Cerebrovascular diseases (I60–I69) | 2,324 | 5.6 | 88.0 |
| 4 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 1,004 | 9.9 | 18.4 | 4 | Diabetes mellitus (E10–E14) | 2,224 | 5.4 | 84.2 |
| 5 | Malignant neoplasms (C00–C97) | 669 | 6.6 | 12.3 | 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,093 | 2.6 | 41.4 |
| 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 504 | 5.0 | 9.3 | 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 1,082 | 2.6 | 41.0 |
| 7 | Diabetes mellitus (E10–E14) | 195 | 1.9 | 3.6 | 7 | Chronic lower respiratory diseases (J40–J47) | 1,076 | 2.6 | 40.7 |
| 8 | Cerebrovascular diseases (I60–I69) | 168 | 1.7 | 3.1 | 8 | Septicemia (A40–A41) | 876 | 2.1 | 33.2 |
| 9 | Anemias (D50–D64) | 130 | 1.3 | 2.4 | 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 688 | 1.7 | 26.1 |
| 10 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 109 | 1.1 | 2.0 | 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 660 | 1.6 | 25.0 |
| ... | All other causes (Residual) | 2,089 | 20.5 | 38.4 | ... | All other causes (Residual) | 6,792 | 16.4 | 257.2 |
| Black, both sexes, 35–44 years | | | | | Black, both sexes, 65 years and over | | | | |
| ... | All causes | 20,235 | 100.0 | 348.6 | ... | All causes | 164,198 | 100.0 | 5,494.2 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 3,356 | 16.6 | 57.8 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 52,583 | 32.0 | 1,759.5 |
| 2 | Human immunodeficiency virus (HIV) disease (B20–B24) | 3,063 | 15.1 | 52.8 | 2 | Malignant neoplasms (C00–C97) | 37,259 | 22.7 | 1,246.7 |
| 3 | Malignant neoplasms (C00–C97) | 2,903 | 14.3 | 50.0 | 3 | Cerebrovascular diseases (I60–I69) | 13,616 | 8.3 | 455.6 |
| 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,268 | 11.2 | 39.1 | 4 | Diabetes mellitus (E10–E14) | 8,235 | 5.0 | 275.5 |
| 5 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 1,377 | 6.8 | 23.7 | 5 | Chronic lower respiratory diseases (J40–J47) | 5,554 | 3.4 | 185.8 |
| 6 | Cerebrovascular diseases (I60–I69) | 744 | 3.7 | 12.8 | 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 5,136 | 3.1 | 171.9 |
| 7 | Diabetes mellitus (E10–E14) | 560 | 2.8 | 9.6 | 7 | Influenza and pneumonia (J10–J18) | 4,388 | 2.7 | 146.8 |
| 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 442 | 2.2 | 7.6 | 8 | Septicemia (A40–A41) | 4,147 | 2.5 | 138.8 |
| 9 | Chronic liver disease and cirrhosis (K70,K73–K74) | 318 | 1.6 | 5.5 | 9 | Alzheimer's disease (G30) | 3,301 | 2.0 | 110.5 |
| 10 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 309 | 1.5 | 5.3 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 2,981 | 1.8 | 99.7 |
| ... | All other causes (Residual) | 4,895 | 24.2 | 84.3 | ... | All other causes (Residual) | 26,998 | 16.4 | 903.4 |
| Black, both sexes, 45–54 years | | | | | Black, both sexes, 65–74 years | | | | |
| ... | All causes | 35,623 | 100.0 | 765.8 | ... | All causes | 53,314 | 100.0 | 3,159.3 |
| 1 | Malignant neoplasms (C00–C97) | 8,450 | 23.7 | 181.7 | 1 | Malignant neoplasms (C00–C97) | 16,245 | 30.5 | 962.6 |
| 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 8,413 | 23.6 | 180.9 | 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 15,601 | 29.3 | 924.5 |
| 3 | Human immunodeficiency virus (HIV) disease (B20–B24) | 2,509 | 7.0 | 53.9 | 3 | Cerebrovascular diseases (I60–I69) | 3,630 | 6.8 | 215.1 |
| 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,179 | 6.1 | 46.8 | 4 | Diabetes mellitus (E10–E14) | 3,175 | 6.0 | 188.1 |
| 5 | Cerebrovascular diseases (I60–I69) | 1,893 | 5.3 | 40.7 | 5 | Chronic lower respiratory diseases (J40–J47) | 1,916 | 3.6 | 113.5 |
| 6 | Diabetes mellitus (E10–E14) | 1,399 | 3.9 | 30.1 | 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 1,690 | 3.2 | 100.1 |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 968 | 2.7 | 20.8 | 7 | Septicemia (A40–A41) | 1,260 | 2.4 | 74.7 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 752 | 2.1 | 16.2 | 8 | Influenza and pneumonia (J10–J18) | 848 | 1.6 | 50.3 |
| 9 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 722 | 2.0 | 15.5 | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 832 | 1.6 | 49.3 |
| 10 | Septicemia (A40–A41) | 600 | 1.7 | 12.9 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 803 | 1.5 | 47.6 |
| ... | All other causes (Residual) | 7,738 | 21.7 | 166.4 | ... | All other causes (Residual) | 7,314 | 13.7 | 433.4 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--------------------------------------|--|---------------------|----------------------------|-------------------|--------------------------|--|---------------------|----------------------------|-------------------|
| Black, both sexes, 75–84 years | | | | | Black, male, 1–4 years | | | | |
| ... | All causes | 62,862 | 100.0 | 6,518.9 | ... | All causes | 702 | 100.0 | 54.4 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 19,757 | 31.4 | 2,048.8 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 239 | 34.0 | 18.5 |
| 2 | Malignant neoplasms (C00–C97) | 14,664 | 23.3 | 1,520.7 | 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 92 | 13.1 | 7.1 |
| 3 | Cerebrovascular diseases (I60–I69) | 5,326 | 8.5 | 552.3 | 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 59 | 8.4 | 4.6 |
| 4 | Diabetes mellitus (E10–E14) | 3,249 | 5.2 | 336.9 | 4 | Malignant neoplasms (C00–C97) | 34 | 4.8 | 2.6 |
| 5 | Chronic lower respiratory diseases (J40–J47) | 2,398 | 3.8 | 248.7 | 5 | Influenza and pneumonia (J10–J18) | 22 | 3.1 | 1.7 |
| 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 1,959 | 3.1 | 203.2 | 6 | Chronic lower respiratory diseases (J40–J47) | 20 | 2.8 | 1.6 |
| 7 | Septicemia (A40–A41) | 1,651 | 2.6 | 171.2 | 7 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 18 | 2.6 | * |
| 8 | Influenza and pneumonia (J10–J18) | 1,603 | 2.6 | 166.2 | 7 | Certain conditions originating in the perinatal period (P00–P96) | 18 | 2.6 | * |
| 9 | Alzheimer's disease (G30) | 1,187 | 1.9 | 123.1 | 9 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 8 | 1.1 | * |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 1,138 | 1.8 | 118.0 | 10 | Cerebrovascular diseases (I60–I69) | 7 | 1.0 | * |
| ... | All other causes (Residual) | 9,930 | 15.8 | 1,029.8 | ... | All other causes (Residual) | 185 | 26.4 | 14.3 |
| Black, both sexes, 85 years and over | | | | | Black, male, 5–9 years | | | | |
| ... | All causes | 48,022 | 100.0 | 14,260.8 | ... | All causes | 402 | 100.0 | 24.1 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 17,225 | 35.9 | 5,115.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 185 | 46.0 | 11.1 |
| 2 | Malignant neoplasms (C00–C97) | 6,350 | 13.2 | 1,885.7 | 2 | Malignant neoplasms (C00–C97) | 55 | 13.7 | 3.3 |
| 3 | Cerebrovascular diseases (I60–I69) | 4,660 | 9.7 | 1,383.9 | 3 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 24 | 6.0 | 1.4 |
| 4 | Influenza and pneumonia (J10–J18) | 1,937 | 4.0 | 575.2 | 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 23 | 5.7 | 1.4 |
| 5 | Alzheimer's disease (G30) | 1,831 | 3.8 | 543.7 | 5 | Chronic lower respiratory diseases (J40–J47) | 11 | 2.7 | * |
| 6 | Diabetes mellitus (E10–E14) | 1,811 | 3.8 | 537.8 | 6 | Anemias (D50–D64) | 7 | 1.7 | * |
| 7 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 1,487 | 3.1 | 441.6 | 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 6 | 1.5 | * |
| 8 | Chronic lower respiratory diseases (J40–J47) | 1,240 | 2.6 | 368.2 | 9 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 6 | 1.5 | * |
| 9 | Septicemia (A40–A41) | 1,236 | 2.6 | 367.0 | 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 4 | 1.0 | * |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 1,040 | 2.2 | 308.8 | 9 | Cerebrovascular diseases (I60–I69) | 4 | 1.0 | * |
| ... | All other causes (Residual) | 9,205 | 19.2 | 2,733.6 | 9 | Influenza and pneumonia (J10–J18) | 4 | 1.0 | * |
| Black, male, all ages ³ | | | | | Black, male, 10–14 years | | | | |
| ... | All causes | 146,835 | 100.0 | 816.7 | ... | All causes | 596 | 100.0 | 33.4 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 37,094 | 25.3 | 206.3 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 215 | 36.1 | 12.1 |
| 2 | Malignant neoplasms (C00–C97) | 32,627 | 22.2 | 181.5 | 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 62 | 10.4 | 3.5 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 8,612 | 5.9 | 47.9 | 3 | Malignant neoplasms (C00–C97) | 51 | 8.6 | 2.9 |
| 4 | Cerebrovascular diseases (I60–I69) | 7,828 | 5.3 | 43.5 | 4 | Chronic lower respiratory diseases (J40–J47) | 30 | 5.0 | 1.7 |
| 5 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 6,896 | 4.7 | 38.4 | 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 28 | 4.7 | 1.6 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 5,301 | 3.6 | 29.5 | 6 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 27 | 4.5 | 1.5 |
| 7 | Diabetes mellitus (E10–E14) | 5,207 | 3.5 | 29.0 | 7 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 25 | 4.2 | 1.4 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 4,341 | 3.0 | 24.1 | 8 | Cerebrovascular diseases (I60–I69) | 12 | 2.0 | * |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 3,427 | 2.3 | 19.1 | 9 | Anemias (D50–D64) | 7 | 1.2 | * |
| 10 | Influenza and pneumonia (J10–J18) | 2,768 | 1.9 | 15.4 | 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 6 | 1.0 | * |
| ... | All other causes (Residual) | 32,734 | 22.3 | 182.1 | 10 | Influenza and pneumonia (J10–J18) | 6 | 1.0 | * |
| See footnotes at end of table. | | | | | Black, male, 15–19 years | | | | |
| ... | All causes | 1,029.8 | 100.0 | 66.8 | ... | All causes | 1,029.8 | 100.0 | 66.8 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 215 | 21.0 | 13.4 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 215 | 21.0 | 13.4 |
| 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 62 | 6.0 | 3.9 | 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 62 | 6.0 | 3.9 |
| 3 | Malignant neoplasms (C00–C97) | 51 | 5.0 | 3.2 | 3 | Malignant neoplasms (C00–C97) | 51 | 5.0 | 3.2 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 30 | 3.0 | 1.9 | 4 | Chronic lower respiratory diseases (J40–J47) | 30 | 3.0 | 1.9 |
| 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 28 | 2.8 | 1.7 | 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 28 | 2.8 | 1.7 |
| 6 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 27 | 2.7 | 1.7 | 6 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 27 | 2.7 | 1.7 |
| 7 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 25 | 2.5 | 1.6 | 7 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 25 | 2.5 | 1.6 |
| 8 | Cerebrovascular diseases (I60–I69) | 12 | 1.2 | 0.8 | 8 | Cerebrovascular diseases (I60–I69) | 12 | 1.2 | 0.8 |
| 9 | Anemias (D50–D64) | 7 | 0.7 | 0.4 | 9 | Anemias (D50–D64) | 7 | 0.7 | 0.4 |
| 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 6 | 0.6 | 0.4 | 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 6 | 0.6 | 0.4 |
| ... | All other causes (Residual) | 121 | 11.8 | 7.7 | ... | All other causes (Residual) | 121 | 11.8 | 7.7 |

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--------------------------|--|---------------------|----------------------------|-------------------|--------------------------|--|---------------------|----------------------------|-------------------|
| Black, male, 15–19 years | | | | | Black, male, 35–44 years | | | | |
| ... | All causes | 1,963 | 100.0 | 121.7 | ... | All causes | 11,849 | 100.0 | 434.7 |
| 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 859 | 43.8 | 53.3 | 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 2,060 | 17.4 | 75.6 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 558 | 28.4 | 34.6 | 2 | Human immunodeficiency virus (HIV) disease (B20–B24) | 2,017 | 17.0 | 74.0 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 111 | 5.7 | 6.9 | 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,592 | 13.4 | 58.4 |
| 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 72 | 3.7 | 4.5 | 4 | Malignant neoplasms (C00–C97) | 1,172 | 9.9 | 43.0 |
| 5 | Malignant neoplasms (C00–C97) | 66 | 3.4 | 4.1 | 5 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 1,058 | 8.9 | 38.8 |
| 6 | Chronic lower respiratory diseases (J40–J47) | 36 | 1.8 | 2.2 | 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 354 | 3.0 | 13.0 |
| 7 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 34 | 1.7 | 2.1 | 7 | Cerebrovascular diseases (I60–I69) | 332 | 2.8 | 12.2 |
| 8 | Anemias (D50–D64) | 16 | 0.8 | * | 8 | Diabetes mellitus (E10–E14) | 319 | 2.7 | 11.7 |
| 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 11 | 0.6 | * | 9 | Chronic liver disease and cirrhosis (K70,K73–K74) | 183 | 1.5 | 6.7 |
| 10 | Diabetes mellitus (E10–E14) | 10 | 0.5 | * | 10 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 163 | 1.4 | 6.0 |
| 10 | Cerebrovascular diseases (I60–I69) | 10 | 0.5 | * | ... | All other causes (Residual) | 2,599 | 21.9 | 95.3 |
| 10 | Legal intervention (Y35,Y89.0) | 10 | 0.5 | * | | | | | |
| ... | All other causes (Residual) | 170 | 8.7 | 10.5 | | | | | |
| Black, male, 20–24 years | | | | | Black, male, 45–54 years | | | | |
| ... | All causes | 3,401 | 100.0 | 227.6 | ... | All causes | 21,122 | 100.0 | 983.0 |
| 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 1,723 | 50.7 | 115.3 | 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 5,286 | 25.0 | 246.0 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 740 | 21.8 | 49.5 | 2 | Malignant neoplasms (C00–C97) | 4,240 | 20.1 | 197.3 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 240 | 7.1 | 16.1 | 3 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,827 | 8.6 | 85.0 |
| 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 120 | 3.5 | 8.0 | 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,552 | 7.3 | 72.2 |
| 5 | Malignant neoplasms (C00–C97) | 74 | 2.2 | 5.0 | 5 | Cerebrovascular diseases (I60–I69) | 1,000 | 4.7 | 46.5 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 49 | 1.4 | 3.3 | 6 | Diabetes mellitus (E10–E14) | 748 | 3.5 | 34.8 |
| 7 | Anemias (D50–D64) | 34 | 1.0 | 2.3 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 645 | 3.1 | 30.0 |
| 8 | Diabetes mellitus (E10–E14) | 26 | 0.8 | 1.7 | 8 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 582 | 2.8 | 27.1 |
| 8 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 26 | 0.8 | 1.7 | 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 432 | 2.0 | 20.1 |
| 8 | Legal intervention (Y35,Y89.0) | 26 | 0.8 | 1.7 | 10 | Septicemia (A40–A41) | 315 | 1.5 | 14.7 |
| ... | All other causes (Residual) | 343 | 10.1 | 23.0 | ... | All other causes (Residual) | 4,495 | 21.3 | 209.2 |
| Black, male, 25–34 years | | | | | Black, male, 55–64 years | | | | |
| ... | All causes | 6,848 | 100.0 | 264.5 | ... | All causes | 24,000 | 100.0 | 2,039.2 |
| 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 2,129 | 31.1 | 82.2 | 1 | Malignant neoplasms (C00–C97) | 7,183 | 29.9 | 610.3 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,309 | 19.1 | 50.6 | 2 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 7,124 | 29.7 | 605.3 |
| 3 | Human immunodeficiency virus (HIV) disease (B20–B24) | 634 | 9.3 | 24.5 | 3 | Cerebrovascular diseases (I60–I69) | 1,298 | 5.4 | 110.3 |
| 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 619 | 9.0 | 23.9 | 4 | Diabetes mellitus (E10–E14) | 1,114 | 4.6 | 94.7 |
| 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 447 | 6.5 | 17.3 | 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 808 | 3.4 | 68.7 |
| 6 | Malignant neoplasms (C00–C97) | 290 | 4.2 | 11.2 | 6 | Chronic lower respiratory diseases (J40–J47) | 615 | 2.6 | 52.3 |
| 7 | Diabetes mellitus (E10–E14) | 113 | 1.7 | 4.4 | 7 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 578 | 2.4 | 49.1 |
| 8 | Cerebrovascular diseases (I60–I69) | 74 | 1.1 | 2.9 | 8 | Human immunodeficiency virus (HIV) disease (B20–B24) | 523 | 2.2 | 44.4 |
| 9 | Anemias (D50–D64) | 73 | 1.1 | 2.8 | 9 | Chronic liver disease and cirrhosis (K70,K73–K74) | 445 | 1.9 | 37.8 |
| 10 | Chronic lower respiratory diseases (J40–J47) | 58 | 0.8 | 2.2 | 10 | Septicemia (A40–A41) | 423 | 1.8 | 35.9 |
| ... | All other causes (Residual) | 1,102 | 16.1 | 42.6 | ... | All other causes (Residual) | 3,889 | 16.2 | 330.4 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--------------------------------|--|---------------------|----------------------------|-------------------|--------------------------------------|--|---------------------|----------------------------|-------------------|
| Black, male, 65 years and over | | | | | Black, male, 85 years and over | | | | |
| ... | All causes | 71,260 | 100.0 | 6,237.1 | ... | All causes | 14,584 | 100.0 | 15,635.5 |
| 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 21,677 | 30.4 | 1,897.3 | 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 4,781 | 32.8 | 5,125.7 |
| 2 | Malignant neoplasms (C00-C97) | 19,456 | 27.3 | 1,702.9 | 2 | Malignant neoplasms (C00-C97) | 2,776 | 19.0 | 2,976.1 |
| 3 | Cerebrovascular diseases (I60-I69) | 5,059 | 7.1 | 442.8 | 3 | Cerebrovascular diseases (I60-I69) | 1,168 | 8.0 | 1,252.2 |
| 4 | Chronic lower respiratory diseases (J40-J47) | 3,076 | 4.3 | 269.2 | 4 | Influenza and pneumonia (J10-J18) | 643 | 4.4 | 689.4 |
| 5 | Diabetes mellitus (E10-E14) | 2,871 | 4.0 | 251.3 | 5 | Chronic lower respiratory diseases (J40-J47) | 602 | 4.1 | 645.4 |
| 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27) | 2,150 | 3.0 | 188.2 | 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27) | 524 | 3.6 | 561.8 |
| 7 | Influenza and pneumonia (J10-J18) | 1,903 | 2.7 | 166.6 | 7 | Diabetes mellitus (E10-E14) | 389 | 2.7 | 417.0 |
| 8 | Septicemia (A40-A41) | 1,710 | 2.4 | 149.7 | 8 | Alzheimer's disease (G30) | 385 | 2.6 | 412.8 |
| 9 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 1,234 | 1.7 | 108.0 | 9 | Septicemia (A40-A41) | 367 | 2.5 | 393.5 |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 1,064 | 1.5 | 93.1 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 256 | 1.8 | 274.5 |
| ... | All other causes (Residual) | 11,060 | 15.5 | 968.0 | ... | All other causes (Residual) | 2,693 | 18.5 | 2,887.2 |
| Black, male, 65-74 years | | | | | Black, female, all ages ³ | | | | |
| ... | All causes | 28,198 | 100.0 | 4,024.5 | ... | All causes | 143,216 | 100.0 | 724.4 |
| 1 | Malignant neoplasms (C00-C97) | 8,931 | 31.7 | 1,274.7 | 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 40,527 | 28.3 | 205.0 |
| 2 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 8,357 | 29.6 | 1,192.7 | 2 | Malignant neoplasms (C00-C97) | 29,990 | 20.9 | 151.7 |
| 3 | Cerebrovascular diseases (I60-I69) | 1,842 | 6.5 | 262.9 | 3 | Cerebrovascular diseases (I60-I69) | 11,028 | 7.7 | 55.8 |
| 4 | Diabetes mellitus (E10-E14) | 1,332 | 4.7 | 190.1 | 4 | Diabetes mellitus (E10-E14) | 7,480 | 5.2 | 37.8 |
| 5 | Chronic lower respiratory diseases (J40-J47) | 1,107 | 3.9 | 158.0 | 5 | Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27) | 4,061 | 2.8 | 20.5 |
| 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27) | 806 | 2.9 | 115.0 | 6 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 3,901 | 2.7 | 19.7 |
| 7 | Septicemia (A40-A41) | 603 | 2.1 | 86.1 | 7 | Chronic lower respiratory diseases (J40-J47) | 3,490 | 2.4 | 17.7 |
| 8 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 539 | 1.9 | 76.9 | 8 | Septicemia (A40-A41) | 3,434 | 2.4 | 17.4 |
| 9 | Influenza and pneumonia (J10-J18) | 462 | 1.6 | 65.9 | 9 | Influenza and pneumonia (J10-J18) | 3,103 | 2.2 | 15.7 |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 364 | 1.3 | 52.0 | 10 | Human immunodeficiency virus (HIV) disease (B20-B24) | 2,534 | 1.8 | 12.8 |
| ... | All other causes (Residual) | 3,855 | 13.7 | 550.2 | ... | All other causes (Residual) | 33,668 | 23.5 | 170.3 |
| Black, male, 75-84 years | | | | | Black, female, 1-4 years | | | | |
| ... | All causes | 28,478 | 100.0 | 8,169.6 | ... | All causes | 494 | 100.0 | 39.5 |
| 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 8,539 | 30.0 | 2,449.6 | 1 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 120 | 24.3 | 9.6 |
| 2 | Malignant neoplasms (C00-C97) | 7,749 | 27.2 | 2,223.0 | 2 | Assault (homicide) . . . (*U01-*U02,X85-Y09,Y87.1) | 69 | 14.0 | 5.5 |
| 3 | Cerebrovascular diseases (I60-I69) | 2,049 | 7.2 | 587.8 | 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 55 | 11.1 | 4.4 |
| 4 | Chronic lower respiratory diseases (J40-J47) | 1,367 | 4.8 | 392.2 | 4 | Malignant neoplasms (C00-C97) | 40 | 8.1 | 3.2 |
| 5 | Diabetes mellitus (E10-E14) | 1,150 | 4.0 | 329.9 | 5 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 22 | 4.5 | 1.8 |
| 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27) | 820 | 2.9 | 235.2 | 6 | Influenza and pneumonia (J10-J18) | 19 | 3.8 | * |
| 7 | Influenza and pneumonia (J10-J18) | 798 | 2.8 | 228.9 | 7 | Septicemia (A40-A41) | 12 | 2.4 | * |
| 8 | Septicemia (A40-A41) | 740 | 2.6 | 212.3 | 8 | Chronic lower respiratory diseases (J40-J47) | 10 | 2.0 | * |
| 9 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 452 | 1.6 | 129.7 | 9 | Certain conditions originating in the perinatal period (P00-P96) | 8 | 1.6 | * |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 444 | 1.6 | 127.4 | 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48) | 6 | 1.2 | * |
| ... | All other causes (Residual) | 4,370 | 15.3 | 1,253.6 | ... | All other causes (Residual) | 133 | 26.9 | 10.6 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|----------------------------|--|---------------------|----------------------------|-------------------|----------------------------|--|---------------------|----------------------------|-------------------|
| Black, female, 5–9 years | | | | | Black, female, 20–24 years | | | | |
| ... | All causes | 299 | 100.0 | 18.5 | ... | All causes | 1,042 | 100.0 | 68.0 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 121 | 40.5 | 7.5 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 228 | 21.9 | 14.9 |
| 2 | Malignant neoplasms (C00–C97) | 30 | 10.0 | 1.9 | 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 194 | 18.6 | 12.7 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 21 | 7.0 | 1.3 | 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 77 | 7.4 | 5.0 |
| 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 17 | 5.7 | * | 4 | Malignant neoplasms (C00–C97) | 61 | 5.9 | 4.0 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 13 | 4.3 | * | 5 | Human immunodeficiency virus (HIV) disease (B20–B24) | 50 | 4.8 | 3.3 |
| 6 | Chronic lower respiratory diseases (J40–J47) | 10 | 3.3 | * | 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 35 | 3.4 | 2.3 |
| 7 | Anemias (D50–D64) | 5 | 1.7 | * | 7 | Pregnancy, childbirth and the puerperium (O00–099) | 30 | 2.9 | 2.0 |
| 8 | Septicemia (A40–A41) | 4 | 1.3 | * | 8 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 20 | 1.9 | 1.3 |
| 9 | Cerebrovascular diseases (I60–I69) | 3 | 1.0 | * | 9 | Anemias (D50–D64) | 18 | 1.7 | * |
| 9 | Influenza and pneumonia (J10–J18) | 3 | 1.0 | * | 10 | Diabetes mellitus (E10–E14) | 16 | 1.5 | * |
| ... | All other causes (Residual) | 72 | 24.1 | 4.4 | ... | All other causes (Residual) | 313 | 30.0 | 20.4 |
| Black, female, 10–14 years | | | | | Black, female, 25–34 years | | | | |
| ... | All causes | 369 | 100.0 | 21.3 | ... | All causes | 3,323 | 100.0 | 116.4 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 100 | 27.1 | 5.8 | 1 | Human immunodeficiency virus (HIV) disease (B20–B24) | 489 | 14.7 | 17.1 |
| 2 | Malignant neoplasms (C00–C97) | 36 | 9.8 | 2.1 | 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 402 | 12.1 | 14.1 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 28 | 7.6 | 1.6 | 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 385 | 11.6 | 13.5 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 25 | 6.8 | 1.4 | 4 | Malignant neoplasms (C00–C97) | 379 | 11.4 | 13.3 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 19 | 5.1 | * | 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 340 | 10.2 | 11.9 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 18 | 4.9 | * | 6 | Cerebrovascular diseases (I60–I69) | 94 | 2.8 | 3.3 |
| 7 | Septicemia (A40–A41) | 9 | 2.4 | * | 7 | Diabetes mellitus (E10–E14) | 82 | 2.5 | 2.9 |
| 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 9 | 2.4 | * | 8 | Pregnancy, childbirth and the puerperium (O00–099) | 66 | 2.0 | 2.3 |
| 9 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 8 | 2.2 | * | 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 60 | 1.8 | 2.1 |
| 9 | Diabetes mellitus (E10–E14) | 8 | 2.2 | * | 10 | Anemias (D50–D64) | 57 | 1.7 | 2.0 |
| ... | All other causes (Residual) | 109 | 29.5 | 6.3 | 10 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 57 | 1.7 | 2.0 |
| Black, female, 15–19 years | | | | | Black, female, 35–44 years | | | | |
| ... | All causes | 639 | 100.0 | 41.0 | ... | All causes | 8,386 | 100.0 | 272.3 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 200 | 31.3 | 12.8 | 1 | Malignant neoplasms (C00–C97) | 1,731 | 20.6 | 56.2 |
| 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 124 | 19.4 | 8.0 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,296 | 15.5 | 42.1 |
| 3 | Malignant neoplasms (C00–C97) | 49 | 7.7 | 3.1 | 3 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,046 | 12.5 | 34.0 |
| 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 37 | 5.8 | 2.4 | 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 676 | 8.1 | 22.0 |
| 5 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 20 | 3.1 | 1.3 | 5 | Cerebrovascular diseases (I60–I69) | 412 | 4.9 | 13.4 |
| 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 17 | 2.7 | * | 6 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 319 | 3.8 | 10.4 |
| 7 | Pregnancy, childbirth and the puerperium (O00–099) | 16 | 2.5 | * | 7 | Diabetes mellitus (E10–E14) | 241 | 2.9 | 7.8 |
| 8 | Human immunodeficiency virus (HIV) disease (B20–B24) | 14 | 2.2 | * | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 146 | 1.7 | 4.7 |
| 9 | Anemias (D50–D64) | 11 | 1.7 | * | 9 | Chronic lower respiratory diseases (J40–J47) | 143 | 1.7 | 4.6 |
| 10 | Influenza and pneumonia (J10–J18) | 10 | 1.6 | * | 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 135 | 1.6 | 4.4 |
| ... | All other causes (Residual) | 141 | 22.1 | 9.0 | ... | All other causes (Residual) | 2,241 | 26.7 | 72.8 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|----------------------------------|--|---------------------|----------------------------|-------------------|----------------------------------|--|---------------------|----------------------------|-------------------|
| Black, female, 45–54 years | | | | | Black, female, 65–74 years | | | | |
| ... | All causes | 14,501 | 100.0 | 579.4 | ... | All causes | 25,116 | 100.0 | 2,545.0 |
| 1 | Malignant neoplasms (C00–C97) | 4,210 | 29.0 | 168.2 | 1 | Malignant neoplasms (C00–C97) | 7,314 | 29.1 | 741.1 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 3,127 | 21.6 | 124.9 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 7,244 | 28.8 | 734.0 |
| 3 | Cerebrovascular diseases (I60–I69) | 893 | 6.2 | 35.7 | 3 | Diabetes mellitus (E10–E14) | 1,843 | 7.3 | 186.7 |
| 4 | Human immunodeficiency virus (HIV) disease (B20–B24) | 682 | 4.7 | 27.2 | 4 | Cerebrovascular diseases (I60–I69) | 1,788 | 7.1 | 181.2 |
| 5 | Diabetes mellitus (E10–E14) | 651 | 4.5 | 26.0 | 5 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 884 | 3.5 | 89.6 |
| 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 627 | 4.3 | 25.1 | 6 | Chronic lower respiratory diseases (J40–J47) | 809 | 3.2 | 82.0 |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 323 | 2.2 | 12.9 | 7 | Septicemia (A40–A41) | 657 | 2.6 | 66.6 |
| 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 320 | 2.2 | 12.8 | 8 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 439 | 1.7 | 44.5 |
| 9 | Chronic lower respiratory diseases (J40–J47) | 290 | 2.0 | 11.6 | 9 | Influenza and pneumonia (J10–J18) | 386 | 1.5 | 39.1 |
| 10 | Septicemia (A40–A41) | 285 | 2.0 | 11.4 | 10 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 293 | 1.2 | 29.7 |
| ... | All other causes (Residual) | 3,093 | 21.3 | 123.6 | ... | All other causes (Residual) | 3,459 | 13.8 | 350.5 |
| Black, female, 55–64 years | | | | | Black, female, 75–84 years | | | | |
| ... | All causes | 17,336 | 100.0 | 1,184.2 | ... | All causes | 34,384 | 100.0 | 5,584.4 |
| 1 | Malignant neoplasms (C00–C97) | 5,642 | 32.5 | 385.4 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 11,218 | 32.6 | 1,821.9 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 4,572 | 26.4 | 312.3 | 2 | Malignant neoplasms (C00–C97) | 6,915 | 20.1 | 1,123.1 |
| 3 | Diabetes mellitus (E10–E14) | 1,110 | 6.4 | 75.8 | 3 | Cerebrovascular diseases (I60–I69) | 3,277 | 9.5 | 532.2 |
| 4 | Cerebrovascular diseases (I60–I69) | 1,026 | 5.9 | 70.1 | 4 | Diabetes mellitus (E10–E14) | 2,099 | 6.1 | 340.9 |
| 5 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 504 | 2.9 | 34.4 | 5 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 1,139 | 3.3 | 185.0 |
| 6 | Chronic lower respiratory diseases (J40–J47) | 461 | 2.7 | 31.5 | 6 | Chronic lower respiratory diseases (J40–J47) | 1,031 | 3.0 | 167.4 |
| 7 | Septicemia (A40–A41) | 453 | 2.6 | 30.9 | 7 | Septicemia (A40–A41) | 911 | 2.6 | 148.0 |
| 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 285 | 1.6 | 19.5 | 8 | Influenza and pneumonia (J10–J18) | 805 | 2.3 | 130.7 |
| 9 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 278 | 1.6 | 19.0 | 9 | Alzheimer's disease (G30) | 760 | 2.2 | 123.4 |
| 10 | Influenza and pneumonia (J10–J18) | 219 | 1.3 | 15.0 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 694 | 2.0 | 112.7 |
| ... | All other causes (Residual) | 2,786 | 16.1 | 190.3 | ... | All other causes (Residual) | 5,535 | 16.1 | 899.0 |
| Black, female, 65 years and over | | | | | Black, female, 85 years and over | | | | |
| ... | All causes | 92,938 | 100.0 | 5,034.4 | ... | All causes | 33,438 | 100.0 | 13,734.2 |
| 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 30,906 | 33.3 | 1,674.2 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 12,444 | 37.2 | 5,111.2 |
| 2 | Malignant neoplasms (C00–C97) | 17,803 | 19.2 | 964.4 | 2 | Malignant neoplasms (C00–C97) | 3,574 | 10.7 | 1,468.0 |
| 3 | Cerebrovascular diseases (I60–I69) | 8,557 | 9.2 | 463.5 | 3 | Cerebrovascular diseases (I60–I69) | 3,492 | 10.4 | 1,434.3 |
| 4 | Diabetes mellitus (E10–E14) | 5,364 | 5.8 | 290.6 | 4 | Alzheimer's disease (G30) | 1,446 | 4.3 | 593.9 |
| 5 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 2,986 | 3.2 | 161.7 | 5 | Diabetes mellitus (E10–E14) | 1,422 | 4.3 | 584.1 |
| 6 | Influenza and pneumonia (J10–J18) | 2,485 | 2.7 | 134.6 | 6 | Influenza and pneumonia (J10–J18) | 1,294 | 3.9 | 531.5 |
| 7 | Chronic lower respiratory diseases (J40–J47) | 2,478 | 2.7 | 134.2 | 7 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 963 | 2.9 | 395.5 |
| 8 | Septicemia (A40–A41) | 2,437 | 2.6 | 132.0 | 8 | Septicemia (A40–A41) | 869 | 2.6 | 356.9 |
| 9 | Alzheimer's disease (G30) | 2,363 | 2.5 | 128.0 | 9 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 784 | 2.3 | 322.0 |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 1,917 | 2.1 | 103.8 | 10 | Chronic lower respiratory diseases (J40–J47) | 638 | 1.9 | 262.0 |
| ... | All other causes (Residual) | 15,642 | 16.8 | 847.3 | ... | All other causes (Residual) | 6,512 | 19.5 | 2,674.7 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | | | | | |
|--|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|--|--|--|--|--|
| American Indian, both sexes, all ages ³ | | | | | American Indian, both sexes, 10–14 years | | | | | | | | | |
| ... | All causes | 12,415 | 100.0 | 403.6 | ... | All causes | 78 | 100.0 | 25.5 | | | | | |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 2,467 | 19.9 | 80.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 37 | 47.4 | 12.1 | | | | | |
| 2 | Malignant neoplasms (C00–C97) | 2,175 | 17.5 | 70.7 | 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 7 | 9.0 | * | | | | | |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,488 | 12.0 | 48.4 | 3 | Malignant neoplasms (C00–C97) | 6 | 7.7 | * | | | | | |
| 4 | Diabetes mellitus (E10–E14) | 744 | 6.0 | 24.2 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 6 | 7.7 | * | | | | | |
| 5 | Cerebrovascular diseases (I60–I69) | 567 | 4.6 | 18.4 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 3 | 3.8 | * | | | | | |
| 6 | Chronic liver disease and cirrhosis (K70,K73–K74) | 547 | 4.4 | 17.8 | 5 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 3 | 3.8 | * | | | | | |
| 7 | Chronic lower respiratory diseases (J40–J47) | 452 | 3.6 | 14.7 | 7 | Cerebrovascular diseases (I60–I69) | 2 | 2.6 | * | | | | | |
| 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 324 | 2.6 | 10.5 | 8 | Meningococcal infection (A39) | 1 | 1.3 | * | | | | | |
| 9 | Influenza and pneumonia (J10–J18) | 293 | 2.4 | 9.5 | 8 | Septicemia (A40–A41) | 1 | 1.3 | * | | | | | |
| 10 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 267 | 2.2 | 8.7 | 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 1 | 1.3 | * | | | | | |
| ... | All other causes (Residual) | 3,091 | 24.9 | 100.5 | 8 | Anemias (D50–D64) | 1 | 1.3 | * | | | | | |
| American Indian, both sexes, 1–4 years | | | | | 8 | Meningitis (G00,G03) | 1 | 1.3 | * | | | | | |
| ... | All causes | 90 | 100.0 | 45.2 | 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 1 | 1.3 | * | | | | | |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 33 | 36.7 | 16.6 | 8 | Infections of kidney . . (N10–N12,N13.6,N15.1) | 1 | 1.3 | * | | | | | |
| 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 12 | 13.3 | * | ... | All other causes (Residual) | 7 | 9.0 | * | | | | | |
| 3 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 6 | 6.7 | * | American Indian, both sexes, 15–19 years | | | | | | | | | |
| 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 5 | 5.6 | * | ... | All causes | 267 | 100.0 | 91.2 | | | | | |
| 5 | Septicemia (A40–A41) | 3 | 3.3 | * | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 146 | 54.7 | 49.9 | | | | | |
| 5 | Malignant neoplasms (C00–C97) | 3 | 3.3 | * | 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 42 | 15.7 | 14.3 | | | | | |
| 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 2 | 2.2 | * | 3 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 32 | 12.0 | 10.9 | | | | | |
| 8 | Meningococcal infection (A39) | 1 | 1.1 | * | 4 | Malignant neoplasms (C00–C97) | 9 | 3.4 | * | | | | | |
| 8 | Influenza and pneumonia (J10–J18) | 1 | 1.1 | * | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 8 | 3.0 | * | | | | | |
| 8 | Acute bronchitis and bronchiolitis . . (J20–J21) | 1 | 1.1 | * | 6 | Cerebrovascular diseases (I60–I69) | 2 | 0.7 | * | | | | | |
| 8 | Chronic lower respiratory diseases (J40–J47) | 1 | 1.1 | * | 6 | Influenza and pneumonia (J10–J18) | 2 | 0.7 | * | | | | | |
| ... | All other causes (Residual) | 22 | 24.4 | 11.0 | 8 | Anemias (D50–D64) | 1 | 0.4 | * | | | | | |
| American Indian, both sexes, 5–9 years | | | | | 8 | Diabetes mellitus (E10–E14) | 1 | 0.4 | * | | | | | |
| ... | All causes | 48 | 100.0 | 17.3 | 8 | Chronic lower respiratory diseases (J40–J47) | 1 | 0.4 | * | | | | | |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 23 | 47.9 | 8.3 | 8 | Pneumonitis due to solids and liquids . . (J69) | 1 | 0.4 | * | | | | | |
| 2 | Malignant neoplasms (C00–C97) | 6 | 12.5 | * | 8 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 1 | 0.4 | * | | | | | |
| 3 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 4 | 8.3 | * | ... | All other causes (Residual) | 21 | 7.9 | 7.2 | | | | | |
| 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 3 | 6.3 | * | | | | | | | | | | |
| 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 2 | 4.2 | * | | | | | | | | | | |
| 6 | Septicemia (A40–A41) | 1 | 2.1 | * | | | | | | | | | | |
| 6 | Chronic lower respiratory diseases (J40–J47) | 1 | 2.1 | * | | | | | | | | | | |
| ... | All other causes (Residual) | 8 | 16.7 | * | | | | | | | | | | |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|---|--|---------------------|----------------------------|-------------------|---|--|---------------------|----------------------------|-------------------|
| American Indian, both sexes, 20–24 years | | | | | American Indian, both sexes, 35–44 years | | | | |
| ... | All causes | 316 | 100.0 | 119.5 | ... | All causes | 1,169 | 100.0 | 248.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 154 | 48.7 | 58.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 333 | 28.5 | 70.8 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 58 | 18.4 | 21.9 | 2 | Chronic liver disease and cirrhosis (K70,K73–K74) | 142 | 12.1 | 30.2 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 38 | 12.0 | 14.4 | 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 107 | 9.2 | 22.7 |
| 4 | Malignant neoplasms (C00–C97) | 11 | 3.5 | * | 4 | Malignant neoplasms (C00–C97) | 100 | 8.6 | 21.3 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 9 | 2.8 | * | 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 68 | 5.8 | 14.5 |
| 6 | Legal intervention (Y35,Y89.0) | 3 | 0.9 | * | 6 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 52 | 4.4 | 11.1 |
| 7 | Septicemia (A40–A41) | 2 | 0.6 | * | 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 36 | 3.1 | 7.7 |
| 7 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 2 | 0.6 | * | 8 | Diabetes mellitus (E10–E14) | 33 | 2.8 | 7.0 |
| 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1 | 0.3 | * | 8 | Cerebrovascular diseases (I60–I69) | 33 | 2.8 | 7.0 |
| 9 | Diabetes mellitus (E10–E14) | 1 | 0.3 | * | 10 | Septicemia (A40–A41) | 13 | 1.1 | * |
| 9 | Meningitis (G00,G03) | 1 | 0.3 | * | 10 | Influenza and pneumonia (J10–J18) | 13 | 1.1 | * |
| 9 | Influenza and pneumonia (J10–J18) | 1 | 0.3 | * | ... | All other causes (Residual) | 239 | 20.4 | 50.8 |
| 9 | Chronic lower respiratory diseases (J40–J47) | 1 | 0.3 | * | American Indian, both sexes, 45–54 years | | | | |
| 9 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1 | 0.3 | * | ... | All causes | 1,602 | 100.0 | 428.9 |
| 9 | Cholelithiasis and other disorders of gallbladder (K80–K82) | 1 | 0.3 | * | 1 | Malignant neoplasms (C00–C97) | 293 | 18.3 | 78.4 |
| 9 | Certain conditions originating in the perinatal period (P00–P96) | 1 | 0.3 | * | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 246 | 15.4 | 65.9 |
| 9 | Complications of medical and surgical care (Y40–Y84,Y88) | 1 | 0.3 | * | 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 215 | 13.4 | 57.6 |
| ... | All other causes (Residual) | 30 | 9.5 | 11.3 | 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 162 | 10.1 | 43.4 |
| American Indian, both sexes, 25–34 years | | | | | 5 | Diabetes mellitus (E10–E14) | 104 | 6.5 | 27.8 |
| ... | All causes | 652 | 100.0 | 141.9 | 6 | Cerebrovascular diseases (I60–I69) | 54 | 3.4 | 14.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 254 | 39.0 | 55.3 | 7 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 45 | 2.8 | 12.0 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 84 | 12.9 | 18.3 | 8 | Septicemia (A40–A41) | 29 | 1.8 | 7.8 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 63 | 9.7 | 13.7 | 8 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 29 | 1.8 | 7.8 |
| 4 | Malignant neoplasms (C00–C97) | 35 | 5.4 | 7.6 | 10 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 26 | 1.6 | 7.0 |
| 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 35 | 5.4 | 7.6 | ... | All other causes (Residual) | 399 | 24.9 | 106.8 |
| 6 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 34 | 5.2 | 7.4 | American Indian, both sexes, 55–64 years | | | | |
| 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 13 | 2.0 | * | ... | All causes | 1,886 | 100.0 | 898.0 |
| 8 | Influenza and pneumonia (J10–J18) | 7 | 1.1 | * | 1 | Malignant neoplasms (C00–C97) | 485 | 25.7 | 230.9 |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 6 | 0.9 | * | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 412 | 21.8 | 196.2 |
| 9 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 6 | 0.9 | * | 3 | Diabetes mellitus (E10–E14) | 167 | 8.9 | 79.5 |
| ... | All other causes (Residual) | 115 | 17.6 | 25.0 | 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 112 | 5.9 | 53.3 |
| | | | | | 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 112 | 5.9 | 53.3 |
| | | | | | 6 | Chronic lower respiratory diseases (J40–J47) | 72 | 3.8 | 34.3 |
| | | | | | 7 | Cerebrovascular diseases (I60–I69) | 71 | 3.8 | 33.8 |
| | | | | | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 43 | 2.3 | 20.5 |
| | | | | | 9 | Septicemia (A40–A41) | 27 | 1.4 | 12.9 |
| | | | | | 10 | Influenza and pneumonia (J10–J18) | 25 | 1.3 | 11.9 |
| | | | | | ... | All other causes (Residual) | 360 | 19.1 | 171.4 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| American Indian, both sexes, 65 years and over | | | | | American Indian, both sexes, 85 years and over | | | | |
| ... | All causes | 5,957 | 100.0 | 3,278.0 | ... | All causes | 1,451 | 100.0 | 8,299.5 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 1,634 | 27.4 | 899.2 | 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 459 | 31.6 | 2,625.4 |
| 2 | Malignant neoplasms (C00–C97) | 1,226 | 20.6 | 674.6 | 2 | Malignant neoplasms (C00–C97) | 177 | 12.2 | 1,012.4 |
| 3 | Diabetes mellitus (E10–E14) | 435 | 7.3 | 239.4 | 3 | Cerebrovascular diseases (I60–I69) | 125 | 8.6 | 715.0 |
| 4 | Cerebrovascular diseases (I60–I69) | 399 | 6.7 | 219.6 | 4 | Influenza and pneumonia (J10–J18) | 99 | 6.8 | 566.3 |
| 5 | Chronic lower respiratory diseases (J40–J47) | 344 | 5.8 | 189.3 | 5 | Chronic lower respiratory diseases (J40–J47) | 70 | 4.8 | 400.4 |
| 6 | Influenza and pneumonia (J10–J18) | 215 | 3.6 | 118.3 | 6 | Alzheimer's disease (G30) | 58 | 4.0 | 331.8 |
| 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 165 | 2.8 | 90.8 | 7 | Diabetes mellitus (E10–E14) | 50 | 3.4 | 286.0 |
| 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 132 | 2.2 | 72.6 | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 30 | 2.1 | 171.6 |
| 9 | Alzheimer's disease (G30) | 114 | 1.9 | 62.7 | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 29 | 2.0 | 165.9 |
| 10 | Septicemia (A40–A41) | 111 | 1.9 | 61.1 | 10 | Septicemia (A40–A41) | 25 | 1.7 | 143.0 |
| ... | All other causes (Residual) | 1,182 | 19.8 | 650.4 | ... | All other causes (Residual) | 329 | 22.7 | 1,881.8 |
| American Indian, both sexes, 65–74 years | | | | | American Indian, male, all ages ³ | | | | |
| ... | All causes | 2,291 | 100.0 | 2,076.1 | ... | All causes | 6,750 | 100.0 | 439.6 |
| 1 | Malignant neoplasms (C00–C97) | 589 | 25.7 | 533.8 | 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 1,412 | 20.9 | 92.0 |
| 2 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 542 | 23.7 | 491.2 | 2 | Malignant neoplasms (C00–C97) | 1,081 | 16.0 | 70.4 |
| 3 | Diabetes mellitus (E10–E14) | 223 | 9.7 | 202.1 | 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,003 | 14.9 | 65.3 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 135 | 5.9 | 122.3 | 4 | Diabetes mellitus (E10–E14) | 336 | 5.0 | 21.9 |
| 5 | Cerebrovascular diseases (I60–I69) | 116 | 5.1 | 105.1 | 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 319 | 4.7 | 20.8 |
| 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 79 | 3.4 | 71.6 | 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 258 | 3.8 | 16.8 |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 67 | 2.9 | 60.7 | 7 | Cerebrovascular diseases (I60–I69) | 236 | 3.5 | 15.4 |
| 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 56 | 2.4 | 50.7 | 8 | Chronic lower respiratory diseases (J40–J47) | 220 | 3.3 | 14.3 |
| 9 | Septicemia (A40–A41) | 46 | 2.0 | 41.7 | 9 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 185 | 2.7 | 12.0 |
| 10 | Influenza and pneumonia (J10–J18) | 35 | 1.5 | 31.7 | 10 | Influenza and pneumonia (J10–J18) | 133 | 2.0 | 8.7 |
| ... | All other causes (Residual) | 403 | 17.6 | 365.2 | ... | All other causes (Residual) | 1,567 | 23.2 | 102.1 |
| American Indian, both sexes, 75–84 years | | | | | American Indian, male, 1–4 years | | | | |
| ... | All causes | 2,215 | 100.0 | 4,110.1 | ... | All causes | 49 | 100.0 | 48.3 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 633 | 28.6 | 1,174.6 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 19 | 38.8 | * |
| 2 | Malignant neoplasms (C00–C97) | 460 | 20.8 | 853.6 | 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 5 | 10.2 | * |
| 3 | Diabetes mellitus (E10–E14) | 162 | 7.3 | 300.6 | 3 | Septicemia (A40–A41) | 2 | 4.1 | * |
| 4 | Cerebrovascular diseases (I60–I69) | 158 | 7.1 | 293.2 | 3 | Malignant neoplasms (C00–C97) | 2 | 4.1 | * |
| 5 | Chronic lower respiratory diseases (J40–J47) | 139 | 6.3 | 257.9 | 3 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 2 | 4.1 | * |
| 6 | Influenza and pneumonia (J10–J18) | 81 | 3.7 | 150.3 | 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 2 | 4.1 | * |
| 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 57 | 2.6 | 105.8 | 7 | Meningococcal infection (A39) | 1 | 2.0 | * |
| 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 46 | 2.1 | 85.4 | 7 | Influenza and pneumonia (J10–J18) | 1 | 2.0 | * |
| 9 | Alzheimer's disease (G30) | 42 | 1.9 | 77.9 | 7 | Acute bronchitis and bronchiolitis (J20–J21) | 1 | 2.0 | * |
| 10 | Septicemia (A40–A41) | 40 | 1.8 | 74.2 | 7 | Chronic lower respiratory diseases (J40–J47) | 1 | 2.0 | * |
| ... | All other causes (Residual) | 397 | 17.9 | 736.7 | ... | All other causes (Residual) | 13 | 26.5 | * |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|---|--|---------------------|----------------------------|-------------------|---|--|---------------------|----------------------------|-------------------|
| American Indian, male, 5–9 years | | | | | American Indian, male, 20–24 years | | | | |
| ... | All causes | 21 | 100.0 | 15.0 | ... | All causes | 238 | 100.0 | 173.6 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 11 | 52.4 | * | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 121 | 50.8 | 88.2 |
| 2 | Malignant neoplasms (C00–C97) | 3 | 14.3 | * | 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 46 | 19.3 | 33.5 |
| 3 | Septicemia (A40–A41) | 1 | 4.8 | * | 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 29 | 12.2 | 21.1 |
| 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1 | 4.8 | * | 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 8 | 3.4 | * |
| 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 1 | 4.8 | * | 5 | Malignant neoplasms (C00–C97) | 6 | 2.5 | * |
| ... | All other causes (Residual) | 4 | 19.0 | * | 6 | Legal intervention (Y35,Y89.0) | 3 | 1.3 | * |
| American Indian, male, 10–14 years | | | | | American Indian, male, 25–34 years | | | | |
| ... | All causes | 44 | 100.0 | 28.4 | ... | All causes | 457 | 100.0 | 193.1 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 20 | 45.5 | 12.9 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 186 | 40.7 | 78.6 |
| 2 | Malignant neoplasms (C00–C97) | 4 | 9.1 | * | 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 74 | 16.2 | 31.3 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 4 | 9.1 | * | 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 46 | 10.1 | 19.4 |
| 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 3 | 6.8 | * | 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 25 | 5.5 | 10.6 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 3 | 6.8 | * | 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 15 | 3.3 | * |
| 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 2 | 4.5 | * | 6 | Malignant neoplasms (C00–C97) | 14 | 3.1 | * |
| 7 | Septicemia (A40–A41) | 1 | 2.3 | * | 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 10 | 2.2 | * |
| 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 1 | 2.3 | * | 8 | Septicemia (A40–A41) | 4 | 0.9 | * |
| 7 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 1 | 2.3 | * | 8 | Cerebrovascular diseases (I60–I69) | 4 | 0.9 | * |
| 7 | Infections of kidney (N10–N12,N13.6,N15.1) | 1 | 2.3 | * | 8 | Influenza and pneumonia (J10–J18) | 4 | 0.9 | * |
| ... | All other causes (Residual) | 4 | 9.1 | * | ... | All other causes (Residual) | 75 | 16.4 | 31.7 |
| American Indian, male, 15–19 years | | | | | American Indian, male, 35–44 years | | | | |
| ... | All causes | 178 | 100.0 | 119.1 | ... | All causes | 749 | 100.0 | 321.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 91 | 51.1 | 60.9 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 228 | 30.4 | 97.9 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 34 | 19.1 | 22.7 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 82 | 10.9 | 35.2 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 25 | 14.0 | 16.7 | 2 | Chronic liver disease and cirrhosis (K70,K73–K74) | 82 | 10.9 | 35.2 |
| 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 6 | 3.4 | * | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 52 | 6.9 | 22.3 |
| 5 | Malignant neoplasms (C00–C97) | 4 | 2.2 | * | 5 | Malignant neoplasms (C00–C97) | 44 | 5.9 | 18.9 |
| 6 | Diabetes mellitus (E10–E14) | 1 | 0.6 | * | 6 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 40 | 5.3 | 17.2 |
| 6 | Cerebrovascular diseases (I60–I69) | 1 | 0.6 | * | 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 29 | 3.9 | 12.4 |
| 6 | Pneumonitis due to solids and liquids (J69) | 1 | 0.6 | * | 8 | Diabetes mellitus (E10–E14) | 21 | 2.8 | 9.0 |
| ... | All other causes (Residual) | 15 | 8.4 | * | 9 | Cerebrovascular diseases (I60–I69) | 14 | 1.9 | * |
| | | | | | 10 | Influenza and pneumonia (J10–J18) | 9 | 1.2 | * |
| | | | | | ... | All other causes (Residual) | 148 | 19.8 | 63.5 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| American Indian, male, 45–54 years | | | | | American Indian, male, 65–74 years | | | | |
| ... | All causes | 978 | 100.0 | 539.4 | ... | All causes | 1,201 | 100.0 | 2,366.5 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 189 | 19.3 | 104.2 | 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 324 | 27.0 | 638.4 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 149 | 15.2 | 82.2 | 2 | Malignant neoplasms (C00–C97) | 307 | 25.6 | 604.9 |
| 3 | Malignant neoplasms (C00–C97) | 138 | 14.1 | 76.1 | 3 | Diabetes mellitus (E10–E14) | 96 | 8.0 | 189.2 |
| 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 105 | 10.7 | 57.9 | 4 | Chronic lower respiratory diseases (J40–J47) | 64 | 5.3 | 126.1 |
| 5 | Diabetes mellitus (E10–E14) | 57 | 5.8 | 31.4 | 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 56 | 4.7 | 110.3 |
| 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 30 | 3.1 | 16.5 | 6 | Cerebrovascular diseases (I60–I69) | 49 | 4.1 | 96.6 |
| 7 | Cerebrovascular diseases (I60–I69) | 28 | 2.9 | 15.4 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 38 | 3.2 | 74.9 |
| 8 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 23 | 2.4 | 12.7 | 8 | Septicemia (A40–A41) | 23 | 1.9 | 45.3 |
| 9 | Viral hepatitis (B15–B19) | 17 | 1.7 | * | 9 | Influenza and pneumonia (J10–J18) | 19 | 1.6 | * |
| 10 | Septicemia (A40–A41) | 16 | 1.6 | * | 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 19 | 1.6 | * |
| ... | All other causes (Residual) | 226 | 23.1 | 124.6 | ... | All other causes (Residual) | 206 | 17.2 | 405.9 |
| American Indian, male, 55–64 years | | | | | American Indian, male, 75–84 years | | | | |
| ... | All causes | 1,074 | 100.0 | 1,059.2 | ... | All causes | 1,048 | 100.0 | 4,748.3 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 277 | 25.8 | 273.2 | 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 314 | 30.0 | 1,422.7 |
| 2 | Malignant neoplasms (C00–C97) | 265 | 24.7 | 261.4 | 2 | Malignant neoplasms (C00–C97) | 236 | 22.5 | 1,069.3 |
| 3 | Diabetes mellitus (E10–E14) | 85 | 7.9 | 83.8 | 3 | Chronic lower respiratory diseases (J40–J47) | 77 | 7.3 | 348.9 |
| 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 72 | 6.7 | 71.0 | 4 | Cerebrovascular diseases (I60–I69) | 61 | 5.8 | 276.4 |
| 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 65 | 6.1 | 64.1 | 5 | Diabetes mellitus (E10–E14) | 57 | 5.4 | 258.3 |
| 6 | Cerebrovascular diseases (I60–I69) | 35 | 3.3 | 34.5 | 6 | Influenza and pneumonia (J10–J18) | 33 | 3.1 | 149.5 |
| 6 | Chronic lower respiratory diseases (J40–J47) | 35 | 3.3 | 34.5 | 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 30 | 2.9 | 135.9 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 20 | 1.9 | 19.7 | 8 | Septicemia (A40–A41) | 23 | 2.2 | 104.2 |
| 9 | Influenza and pneumonia (J10–J18) | 13 | 1.2 | * | 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 20 | 1.9 | 90.6 |
| 10 | Septicemia (A40–A41) | 11 | 1.0 | * | 10 | Parkinson's disease (G20–G21) | 16 | 1.5 | * |
| ... | All other causes (Residual) | 196 | 18.2 | 193.3 | ... | All other causes (Residual) | 181 | 17.3 | 820.1 |
| American Indian, male, 65 years and over | | | | | American Indian, male, 85 years and over | | | | |
| ... | All causes | 2,765 | 100.0 | 3,526.0 | ... | All causes | 516 | 100.0 | 9,219.2 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 815 | 29.5 | 1,039.3 | 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 177 | 34.3 | 3,162.4 |
| 2 | Malignant neoplasms (C00–C97) | 601 | 21.7 | 766.4 | 2 | Malignant neoplasms (C00–C97) | 58 | 11.2 | 1,036.3 |
| 3 | Diabetes mellitus (E10–E14) | 169 | 6.1 | 215.5 | 3 | Cerebrovascular diseases (I60–I69) | 43 | 8.3 | 768.3 |
| 3 | Chronic lower respiratory diseases (J40–J47) | 169 | 6.1 | 215.5 | 4 | Influenza and pneumonia (J10–J18) | 36 | 7.0 | 643.2 |
| 5 | Cerebrovascular diseases (I60–I69) | 153 | 5.5 | 195.1 | 5 | Chronic lower respiratory diseases (J40–J47) | 28 | 5.4 | 500.3 |
| 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 97 | 3.5 | 123.7 | 6 | Diabetes mellitus (E10–E14) | 16 | 3.1 | * |
| 7 | Influenza and pneumonia (J10–J18) | 88 | 3.2 | 112.2 | 7 | Alzheimer's disease (G30) | 14 | 2.7 | * |
| 8 | Septicemia (A40–A41) | 52 | 1.9 | 66.3 | 8 | Pneumonitis due to solids and liquids . . (J69) | 13 | 2.5 | * |
| 9 | Chronic liver disease and cirrhosis (K70,K73–K74) | 51 | 1.8 | 65.0 | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 11 | 2.1 | * |
| 10 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 48 | 1.7 | 61.2 | 10 | Parkinson's disease (G20–G21) | 9 | 1.7 | * |
| ... | All other causes (Residual) | 522 | 18.9 | 665.7 | ... | All other causes (Residual) | 102 | 19.8 | 1,822.4 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--------------------------------------|--|---------------------|----------------------------|-------------------|
| American Indian, female, all ages ³ | | | | | American Indian, female, 10–14 years | | | | |
| ... | All causes | 5,665 | 100.0 | 367.7 | ... | All causes | 34 | 100.0 | 22.5 |
| 1 | Malignant neoplasms (C00–C97) | 1,094 | 19.3 | 71.0 | 1 | Accidents (unintentional injuries) (V01–X59, Y85–Y86) | 17 | 50.0 | * |
| 2 | Diseases of heart (I00–I09, I11, I13, I20–I51) | 1,055 | 18.6 | 68.5 | 2 | Assault (homicide) (*U01–*U02, X85–Y09, Y87.1) | 4 | 11.8 | * |
| 3 | Accidents (unintentional injuries) (V01–X59, Y85–Y86) | 485 | 8.6 | 31.5 | 3 | Malignant neoplasms (C00–C97) | 2 | 5.9 | * |
| 4 | Diabetes mellitus (E10–E14) | 408 | 7.2 | 26.5 | 3 | Cerebrovascular diseases (I60–I69) | 2 | 5.9 | * |
| 5 | Cerebrovascular diseases (I60–I69) | 331 | 5.8 | 21.5 | 3 | Intentional self-harm (suicide) (*U03, X60–X84, Y87.0) | 2 | 5.9 | * |
| 6 | Chronic lower respiratory diseases (J40–J47) | 232 | 4.1 | 15.1 | 6 | Meningococcal infection (A39) | 1 | 2.9 | * |
| 7 | Chronic liver disease and cirrhosis (K70, K73–K74) | 228 | 4.0 | 14.8 | 6 | Anemias (D50–D64) | 1 | 2.9 | * |
| 8 | Influenza and pneumonia (J10–J18) | 160 | 2.8 | 10.4 | 6 | Meningitis (G00, G03) | 1 | 2.9 | * |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07, N17–N19, N25–N27) | 124 | 2.2 | 8.0 | 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 1 | 2.9 | * |
| 10 | Septicemia (A40–A41) | 100 | 1.8 | 6.5 | ... | All other causes (Residual) | 3 | 8.8 | * |
| ... | All other causes (Residual) | 1,448 | 25.6 | 94.0 | American Indian, female, 15–19 years | | | | |
| American Indian, female, 1–4 years | | | | | ... | All causes | 89 | 100.0 | 62.1 |
| ... | All causes | 41 | 100.0 | 42.0 | 1 | Accidents (unintentional injuries) (V01–X59, Y85–Y86) | 55 | 61.8 | 38.4 |
| 1 | Accidents (unintentional injuries) (V01–X59, Y85–Y86) | 14 | 34.1 | * | 2 | Intentional self-harm (suicide) (*U03, X60–X84, Y87.0) | 8 | 9.0 | * |
| 2 | Assault (homicide) (*U01–*U02, X85–Y09, Y87.1) | 7 | 17.1 | * | 3 | Assault (homicide) (*U01–*U02, X85–Y09, Y87.1) | 7 | 7.9 | * |
| 3 | Diseases of heart (I00–I09, I11, I13, I20–I51) | 4 | 9.8 | * | 4 | Malignant neoplasms (C00–C97) | 5 | 5.6 | * |
| 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 3 | 7.3 | * | 5 | Diseases of heart (I00–I09, I11, I13, I20–I51) | 2 | 2.2 | * |
| 5 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 2 | 4.9 | * | 5 | Influenza and pneumonia (J10–J18) | 2 | 2.2 | * |
| 6 | Septicemia (A40–A41) | 1 | 2.4 | * | 7 | Anemias (D50–D64) | 1 | 1.1 | * |
| 6 | Malignant neoplasms (C00–C97) | 1 | 2.4 | * | 7 | Cerebrovascular diseases (I60–I69) | 1 | 1.1 | * |
| ... | All other causes (Residual) | 9 | 22.0 | * | 7 | Chronic lower respiratory diseases (J40–J47) | 1 | 1.1 | * |
| American Indian, female, 5–9 years | | | | | 7 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 1 | 1.1 | * |
| ... | All causes | 27 | 100.0 | 19.8 | ... | All other causes (Residual) | 6 | 6.7 | * |
| 1 | Accidents (unintentional injuries) (V01–X59, Y85–Y86) | 12 | 44.4 | * | American Indian, female, 20–24 years | | | | |
| 2 | Assault (homicide) (*U01–*U02, X85–Y09, Y87.1) | 4 | 14.8 | * | ... | All causes | 78 | 100.0 | 61.2 |
| 3 | Malignant neoplasms (C00–C97) | 3 | 11.1 | * | 1 | Accidents (unintentional injuries) (V01–X59, Y85–Y86) | 33 | 42.3 | 25.9 |
| 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 2 | 7.4 | * | 2 | Intentional self-harm (suicide) (*U03, X60–X84, Y87.0) | 12 | 15.4 | * |
| 5 | Diseases of heart (I00–I09, I11, I13, I20–I51) | 1 | 3.7 | * | 3 | Assault (homicide) (*U01–*U02, X85–Y09, Y87.1) | 9 | 11.5 | * |
| 5 | Chronic lower respiratory diseases (J40–J47) | 1 | 3.7 | * | 4 | Malignant neoplasms (C00–C97) | 5 | 6.4 | * |
| ... | All other causes (Residual) | 4 | 14.8 | * | 5 | Septicemia (A40–A41) | 2 | 2.6 | * |
| See footnotes at end of table. | | | | | 6 | Diabetes mellitus (E10–E14) | 1 | 1.3 | * |
| | | | | | 6 | Meningitis (G00, G03) | 1 | 1.3 | * |
| | | | | | 6 | Diseases of heart (I00–I09, I11, I13, I20–I51) | 1 | 1.3 | * |
| | | | | | 6 | Chronic lower respiratory diseases (J40–J47) | 1 | 1.3 | * |
| | | | | | 6 | Cholelithiasis and other disorders of gallbladder (K80–K82) | 1 | 1.3 | * |
| | | | | | ... | All other causes (Residual) | 12 | 15.4 | * |

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|---|--|---------------------|----------------------------|-------------------|---|--|---------------------|----------------------------|-------------------|
| American Indian, female, 25–34 years | | | | | American Indian, female, 55–64 years | | | | |
| ... | All causes | 195 | 100.0 | 87.5 | ... | All causes | 812 | 100.0 | 747.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 68 | 34.9 | 30.5 | 1 | Malignant neoplasms (C00–C97) | 220 | 27.1 | 202.5 |
| 2 | Malignant neoplasms (C00–C97) | 21 | 10.8 | 9.4 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 135 | 16.6 | 124.3 |
| 3 | Chronic liver disease and cirrhosis (K70,K73–K74) | 20 | 10.3 | 9.0 | 3 | Diabetes mellitus (E10–E14) | 82 | 10.1 | 75.5 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 17 | 8.7 | * | 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 47 | 5.8 | 43.3 |
| 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 10 | 5.1 | * | 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 40 | 4.9 | 36.8 |
| 6 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 9 | 4.6 | * | 6 | Chronic lower respiratory diseases (J40–J47) | 37 | 4.6 | 34.1 |
| 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 3 | 1.5 | * | 7 | Cerebrovascular diseases (I60–I69) | 36 | 4.4 | 33.1 |
| 7 | Influenza and pneumonia (J10–J18) | 3 | 1.5 | * | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 23 | 2.8 | 21.2 |
| 7 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 3 | 1.5 | * | 9 | Septicemia (A40–A41) | 16 | 2.0 | * |
| 7 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 3 | 1.5 | * | 10 | Influenza and pneumonia (J10–J18) | 12 | 1.5 | * |
| ... | All other causes (Residual) | 38 | 19.5 | 17.0 | ... | All other causes (Residual) | 164 | 20.2 | 151.0 |
| American Indian, female, 35–44 years | | | | | American Indian, female, 65 years and over | | | | |
| ... | All causes | 420 | 100.0 | 176.8 | ... | All causes | 3,192 | 100.0 | 3,089.8 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 105 | 25.0 | 44.2 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 819 | 25.7 | 792.8 |
| 2 | Chronic liver disease and cirrhosis (K70,K73–K74) | 60 | 14.3 | 25.3 | 2 | Malignant neoplasms (C00–C97) | 625 | 19.6 | 605.0 |
| 3 | Malignant neoplasms (C00–C97) | 56 | 13.3 | 23.6 | 3 | Diabetes mellitus (E10–E14) | 266 | 8.3 | 257.5 |
| 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 25 | 6.0 | 10.5 | 4 | Cerebrovascular diseases (I60–I69) | 246 | 7.7 | 238.1 |
| 5 | Cerebrovascular diseases (I60–I69) | 19 | 4.5 | * | 5 | Chronic lower respiratory diseases (J40–J47) | 175 | 5.5 | 169.4 |
| 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 16 | 3.8 | * | 6 | Influenza and pneumonia (J10–J18) | 127 | 4.0 | 122.9 |
| 7 | Diabetes mellitus (E10–E14) | 12 | 2.9 | * | 7 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 84 | 2.6 | 81.3 |
| 7 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 12 | 2.9 | * | 8 | Alzheimer's disease (G30) | 80 | 2.5 | 77.4 |
| 9 | Septicemia (A40–A41) | 7 | 1.7 | * | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 68 | 2.1 | 65.8 |
| 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 7 | 1.7 | * | 10 | Septicemia (A40–A41) | 59 | 1.8 | 57.1 |
| ... | All other causes (Residual) | 101 | 24.0 | 42.5 | ... | All other causes (Residual) | 643 | 20.1 | 622.4 |
| American Indian, female, 45–54 years | | | | | American Indian, female, 65–74 years | | | | |
| ... | All causes | 624 | 100.0 | 324.7 | ... | All causes | 1,090 | 100.0 | 1,828.9 |
| 1 | Malignant neoplasms (C00–C97) | 155 | 24.8 | 80.6 | 1 | Malignant neoplasms (C00–C97) | 282 | 25.9 | 473.2 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 66 | 10.6 | 34.3 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 218 | 20.0 | 365.8 |
| 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 57 | 9.1 | 29.7 | 3 | Diabetes mellitus (E10–E14) | 127 | 11.7 | 213.1 |
| 3 | Chronic liver disease and cirrhosis (K70,K73–K74) | 57 | 9.1 | 29.7 | 4 | Chronic lower respiratory diseases (J40–J47) | 71 | 6.5 | 119.1 |
| 5 | Diabetes mellitus (E10–E14) | 47 | 7.5 | 24.5 | 5 | Cerebrovascular diseases (I60–I69) | 67 | 6.1 | 112.4 |
| 6 | Cerebrovascular diseases (I60–I69) | 26 | 4.2 | 13.5 | 6 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 37 | 3.4 | 62.1 |
| 7 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 15 | 2.4 | * | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 29 | 2.7 | 48.7 |
| 8 | Septicemia (A40–A41) | 13 | 2.1 | * | 8 | Septicemia (A40–A41) | 23 | 2.1 | 38.6 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 13 | 2.1 | * | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 23 | 2.1 | 38.6 |
| 10 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 12 | 1.9 | * | 10 | Influenza and pneumonia (J10–J18) | 16 | 1.5 | * |
| ... | All other causes (Residual) | 163 | 26.1 | 84.8 | ... | All other causes (Residual) | 197 | 18.1 | 330.5 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| American Indian, female, 75–84 years | | | | | Asian or Pacific Islander, both sexes, 1–4 years | | | | |
| ... | All causes | 1,167 | 100.0 | 3,667.4 | ... | All causes | 166 | 100.0 | 23.4 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 319 | 27.3 | 1,002.5 | ... | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 50 | 30.1 | 7.0 |
| 2 | Malignant neoplasms (C00–C97) | 224 | 19.2 | 703.9 | 1 | Malignant neoplasms (C00–C97) | 19 | 11.4 | * |
| 3 | Diabetes mellitus (E10–E14) | 105 | 9.0 | 330.0 | 2 | Congenital malformations, deformations and chromosomal abnormalities. . . . (Q00–Q99) | 16 | 9.6 | * |
| 4 | Cerebrovascular diseases (I60–I69) | 97 | 8.3 | 304.8 | 3 | Assault (homicide). . . (*U01–*U02,X85–Y09,Y87.1) | 11 | 6.6 | * |
| 5 | Chronic lower respiratory diseases. (J40–J47) | 62 | 5.3 | 194.8 | 4 | Influenza and pneumonia (J10–J18) | 5 | 3.0 | * |
| 6 | Influenza and pneumonia (J10–J18) | 48 | 4.1 | 150.8 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 4 | 2.4 | * |
| 7 | Alzheimer's disease. (G30) | 27 | 2.3 | 84.8 | 6 | Chronic lower respiratory diseases. (J40–J47) | 4 | 2.4 | * |
| 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 27 | 2.3 | 84.8 | 8 | Certain conditions originating in the perinatal period (P00–P96) | 3 | 1.8 | * |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 26 | 2.2 | 81.7 | 9 | Viral hepatitis (B15–B19) | 2 | 1.2 | * |
| 10 | Septicemia (A40–A41) | 17 | 1.5 | * | 9 | Cerebrovascular diseases (I60–I69) | 2 | 1.2 | * |
| ... | All other causes (Residual) | 215 | 18.4 | 675.7 | ... | All other causes (Residual) | 50 | 30.1 | 7.0 |
| American Indian, female, 85 years and over | | | | | Asian or Pacific Islander, both sexes, 5–9 years | | | | |
| ... | All causes | 935 | 100.0 | 7,866.4 | ... | All causes | 101 | 100.0 | 11.5 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 282 | 30.2 | 2,372.5 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 37 | 36.6 | 4.2 |
| 2 | Malignant neoplasms (C00–C97) | 119 | 12.7 | 1,001.2 | 2 | Malignant neoplasms (C00–C97) | 18 | 17.8 | * |
| 3 | Cerebrovascular diseases (I60–I69) | 82 | 8.8 | 689.9 | 3 | Assault (homicide). . . (*U01–*U02,X85–Y09,Y87.1) | 8 | 7.9 | * |
| 4 | Influenza and pneumonia (J10–J18) | 63 | 6.7 | 530.0 | 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 6 | 5.9 | * |
| 5 | Alzheimer's disease. (G30) | 44 | 4.7 | 370.2 | 5 | Septicemia (A40–A41) | 3 | 3.0 | * |
| 6 | Chronic lower respiratory diseases. (J40–J47) | 42 | 4.5 | 353.4 | 6 | Anemias (D50–D64) | 2 | 2.0 | * |
| 7 | Diabetes mellitus (E10–E14) | 34 | 3.6 | 286.1 | 6 | Influenza and pneumonia (J10–J18) | 2 | 2.0 | * |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 21 | 2.2 | 176.7 | 6 | Chronic lower respiratory diseases. (J40–J47) | 2 | 2.0 | * |
| 9 | Septicemia (A40–A41) | 19 | 2.0 | * | 6 | Certain conditions originating in the perinatal period (P00–P96) | 2 | 2.0 | * |
| 10 | Essential (primary) hypertension and hypertensive renal disease. (I10,I12) | 18 | 1.9 | * | 10 | Meningococcal infection (A39) | 1 | 1.0 | * |
| 10 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 18 | 1.9 | * | 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. (D00–D48) | 1 | 1.0 | * |
| ... | All other causes (Residual) | 193 | 20.6 | 1,623.8 | ... | All other causes (Residual) | 17 | 16.8 | * |
| Asian or Pacific Islander, both sexes, all ages ³ | | | | | | | | | |
| ... | All causes | 38,332 | 100.0 | 299.5 | ... | All other causes (Residual) | 17 | 16.8 | * |
| 1 | Malignant neoplasms (C00–C97) | 9,998 | 26.1 | 78.1 | 10 | Cerebrovascular diseases (I60–I69) | 1 | 1.0 | * |
| 2 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 9,983 | 26.0 | 78.0 | 10 | Congenital malformations, deformations and chromosomal abnormalities. . . . (Q00–Q99) | 1 | 1.0 | * |
| 3 | Cerebrovascular diseases (I60–I69) | 3,530 | 9.2 | 27.6 | ... | All other causes (Residual) | 17 | 16.8 | * |
| 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,875 | 4.9 | 14.7 | ... | All other causes (Residual) | 17 | 16.8 | * |
| 5 | Diabetes mellitus (E10–E14) | 1,359 | 3.5 | 10.6 | ... | All other causes (Residual) | 17 | 16.8 | * |
| 6 | Influenza and pneumonia (J10–J18) | 1,171 | 3.1 | 9.1 | ... | All other causes (Residual) | 17 | 16.8 | * |
| 7 | Chronic lower respiratory diseases. (J40–J47) | 1,138 | 3.0 | 8.9 | ... | All other causes (Residual) | 17 | 16.8 | * |
| 8 | Intentional self-harm (suicide). (*U03,X60–X84,Y87.0) | 661 | 1.7 | 5.2 | ... | All other causes (Residual) | 17 | 16.8 | * |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 649 | 1.7 | 5.1 | ... | All other causes (Residual) | 17 | 16.8 | * |
| 10 | Septicemia (A40–A41) | 423 | 1.1 | 3.3 | ... | All other causes (Residual) | 17 | 16.8 | * |
| ... | All other causes (Residual) | 7,545 | 19.7 | 59.0 | ... | All other causes (Residual) | 17 | 16.8 | * |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| Asian or Pacific Islander, both sexes, 10–14 years | | | | | Asian or Pacific Islander, both sexes, 20–24 years | | | | |
| ... | All causes | 119 | 100.0 | 13.4 | ... | All causes | 447 | 100.0 | 45.2 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 35 | 29.4 | 3.9 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 177 | 39.6 | 17.9 |
| 2 | Malignant neoplasms (C00–C97) | 24 | 20.2 | 2.7 | 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 66 | 14.8 | 6.7 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 9 | 7.6 | * | 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 65 | 14.5 | 6.6 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 7 | 5.9 | * | 4 | Malignant neoplasms (C00–C97) | 36 | 8.1 | 3.6 |
| 5 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 6 | 5.0 | * | 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 18 | 4.0 | * |
| 6 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 3 | 2.5 | * | 6 | Septicemia (A40–A41) | 4 | 0.9 | * |
| 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 2 | 1.7 | * | 6 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 4 | 0.9 | * |
| 7 | Chronic lower respiratory diseases (J40–J47) | 2 | 1.7 | * | 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 3 | 0.7 | * |
| 9 | Septicemia (A40–A41) | 1 | 0.8 | * | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 3 | 0.7 | * |
| 9 | Anemias (D50–D64) | 1 | 0.8 | * | 8 | Pregnancy, childbirth and the puerperium (O00–O99) | 3 | 0.7 | * |
| 9 | Cerebrovascular diseases (I60–I69) | 1 | 0.8 | * | ... | All other causes (Residual) | 68 | 15.2 | 6.9 |
| 9 | Influenza and pneumonia (J10–J18) | 1 | 0.8 | * | Asian or Pacific Islander, both sexes, 25–34 years | | | | |
| 9 | Infections of kidney (N10–N12,N13.6,N15.1) | 1 | 0.8 | * | ... | All causes | 961 | 100.0 | 40.1 |
| ... | All other causes (Residual) | 26 | 21.8 | 2.9 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 226 | 23.5 | 9.4 |
| Asian or Pacific Islander, both sexes, 15–19 years | | | | | 2 | Malignant neoplasms (C00–C97) | 171 | 17.8 | 7.1 |
| ... | All causes | 330 | 100.0 | 37.0 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 160 | 16.6 | 6.7 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 161 | 48.8 | 18.1 | 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 92 | 9.6 | 3.8 |
| 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 47 | 14.2 | 5.3 | 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 87 | 9.1 | 3.6 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 35 | 10.6 | 3.9 | 6 | Cerebrovascular diseases (I60–I69) | 18 | 1.9 | * |
| 4 | Malignant neoplasms (C00–C97) | 25 | 7.6 | 2.8 | 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 15 | 1.6 | * |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 14 | 4.2 | * | 8 | Pregnancy, childbirth and the puerperium (O00–O99) | 12 | 1.2 | * |
| 6 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 4 | 1.2 | * | 9 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 10 | 1.0 | * |
| 7 | Influenza and pneumonia (J10–J18) | 3 | 0.9 | * | 9 | Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99) | 10 | 1.0 | * |
| 8 | Septicemia (A40–A41) | 2 | 0.6 | * | ... | All other causes (Residual) | 160 | 16.6 | 6.7 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 2 | 0.6 | * | Asian or Pacific Islander, both sexes, 35–44 years | | | | |
| 10 | Meningococcal infection (A39) | 1 | 0.3 | * | ... | All causes | 1,643 | 100.0 | 76.1 |
| 10 | Viral hepatitis (B15–B19) | 1 | 0.3 | * | 1 | Malignant neoplasms (C00–C97) | 500 | 30.4 | 23.2 |
| 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1 | 0.3 | * | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 258 | 15.7 | 12.0 |
| 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 1 | 0.3 | * | 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 208 | 12.7 | 9.6 |
| 10 | Anemias (D50–D64) | 1 | 0.3 | * | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 122 | 7.4 | 5.7 |
| 10 | Diabetes mellitus (E10–E14) | 1 | 0.3 | * | 5 | Cerebrovascular diseases (I60–I69) | 101 | 6.1 | 4.7 |
| 10 | Meningitis (G00,G03) | 1 | 0.3 | * | 6 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 71 | 4.3 | 3.3 |
| 10 | Aortic aneurysm and dissection (I71) | 1 | 0.3 | * | 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 38 | 2.3 | 1.8 |
| 10 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 1 | 0.3 | * | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 38 | 2.3 | 1.8 |
| 10 | Infections of kidney (N10–N12,N13.6,N15.1) | 1 | 0.3 | * | 9 | Diabetes mellitus (E10–E14) | 17 | 1.0 | * |
| 10 | Complications of medical and surgical care (Y40–Y84,Y88) | 1 | 0.3 | * | 10 | Viral hepatitis (B15–B19) | 16 | 1.0 | * |
| ... | All other causes (Residual) | 26 | 7.9 | 2.9 | ... | All other causes (Residual) | 274 | 16.7 | 12.7 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| Asian or Pacific Islander, both sexes, 45–54 years | | | | | Asian or Pacific Islander, both sexes, 65–74 years | | | | |
| ... | All causes | 3,344 | 100.0 | 195.3 | ... | All causes | 7,338 | 100.0 | 1,226.7 |
| 1 | Malignant neoplasms (C00–C97) | 1,378 | 41.2 | 80.5 | 1 | Malignant neoplasms (C00–C97) | 2,465 | 33.6 | 412.1 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 632 | 18.9 | 36.9 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,912 | 26.1 | 319.6 |
| 3 | Cerebrovascular diseases (I60–I69) | 234 | 7.0 | 13.7 | 3 | Cerebrovascular diseases (I60–I69) | 674 | 9.2 | 112.7 |
| 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 212 | 6.3 | 12.4 | 4 | Diabetes mellitus (E10–E14) | 369 | 5.0 | 61.7 |
| 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 105 | 3.1 | 6.1 | 5 | Chronic lower respiratory diseases (J40–J47) | 236 | 3.2 | 39.5 |
| 6 | Diabetes mellitus (E10–E14) | 85 | 2.5 | 5.0 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 208 | 2.8 | 34.8 |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 66 | 2.0 | 3.9 | 7 | Influenza and pneumonia (J10–J18) | 134 | 1.8 | 22.4 |
| 8 | Viral hepatitis (B15–B19) | 51 | 1.5 | 3.0 | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 115 | 1.6 | 19.2 |
| 9 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 47 | 1.4 | 2.7 | 9 | Septicemia (A40–A41) | 92 | 1.3 | 15.4 |
| 10 | Chronic lower respiratory diseases (J40–J47) | 39 | 1.2 | 2.3 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 74 | 1.0 | 12.4 |
| ... | All other causes (Residual) | 495 | 14.8 | 28.9 | ... | All other causes (Residual) | 1,059 | 14.4 | 177.0 |
| Asian or Pacific Islander, both sexes, 55–64 years | | | | | Asian or Pacific Islander, both sexes, 75–84 years | | | | |
| ... | All causes | 4,706 | 100.0 | 475.5 | ... | All causes | 10,224 | 100.0 | 3,290.4 |
| 1 | Malignant neoplasms (C00–C97) | 1,941 | 41.2 | 196.1 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 3,069 | 30.0 | 987.7 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,037 | 22.0 | 104.8 | 2 | Malignant neoplasms (C00–C97) | 2,413 | 23.6 | 776.6 |
| 3 | Cerebrovascular diseases (I60–I69) | 356 | 7.6 | 36.0 | 3 | Cerebrovascular diseases (I60–I69) | 1,107 | 10.8 | 356.3 |
| 4 | Diabetes mellitus (E10–E14) | 191 | 4.1 | 19.3 | 4 | Chronic lower respiratory diseases (J40–J47) | 446 | 4.4 | 143.5 |
| 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 155 | 3.3 | 15.7 | 5 | Diabetes mellitus (E10–E14) | 438 | 4.3 | 141.0 |
| 6 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 82 | 1.7 | 8.3 | 6 | Influenza and pneumonia (J10–J18) | 402 | 3.9 | 129.4 |
| 7 | Chronic lower respiratory diseases (J40–J47) | 79 | 1.7 | 8.0 | 7 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 232 | 2.3 | 74.7 |
| 8 | Viral hepatitis (B15–B19) | 68 | 1.4 | 6.9 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 225 | 2.2 | 72.4 |
| 9 | Chronic liver disease and cirrhosis (K70,K73–K74) | 66 | 1.4 | 6.7 | 9 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 121 | 1.2 | 38.9 |
| 10 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 64 | 1.4 | 6.5 | 10 | Septicemia (A40–A41) | 117 | 1.1 | 37.7 |
| ... | All other causes (Residual) | 667 | 14.2 | 67.4 | ... | All other causes (Residual) | 1,654 | 16.2 | 532.3 |
| Asian or Pacific Islander, both sexes, 65 years and over | | | | | Asian or Pacific Islander, both sexes, 85 years and over | | | | |
| ... | All causes | 25,710 | 100.0 | 2,581.9 | ... | All causes | 8,148 | 100.0 | 9,378.6 |
| 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 7,905 | 30.7 | 793.9 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 2,924 | 35.9 | 3,365.6 |
| 2 | Malignant neoplasms (C00–C97) | 5,881 | 22.9 | 590.6 | 2 | Cerebrovascular diseases (I60–I69) | 1,027 | 12.6 | 1,182.1 |
| 3 | Cerebrovascular diseases (I60–I69) | 2,808 | 10.9 | 282.0 | 3 | Malignant neoplasms (C00–C97) | 1,003 | 12.3 | 1,154.5 |
| 4 | Diabetes mellitus (E10–E14) | 1,060 | 4.1 | 106.5 | 4 | Influenza and pneumonia (J10–J18) | 519 | 6.4 | 597.4 |
| 5 | Influenza and pneumonia (J10–J18) | 1,055 | 4.1 | 105.9 | 5 | Chronic lower respiratory diseases (J40–J47) | 312 | 3.8 | 359.1 |
| 6 | Chronic lower respiratory diseases (J40–J47) | 994 | 3.9 | 99.8 | 6 | Diabetes mellitus (E10–E14) | 253 | 3.1 | 291.2 |
| 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 594 | 2.3 | 59.7 | 7 | Alzheimer's disease (G30) | 204 | 2.5 | 234.8 |
| 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 511 | 2.0 | 51.3 | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 164 | 2.0 | 188.8 |
| 9 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 345 | 1.3 | 34.6 | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 161 | 2.0 | 185.3 |
| 10 | Alzheimer's disease (G30) | 342 | 1.3 | 34.3 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 150 | 1.8 | 172.7 |
| ... | All other causes (Residual) | 4,215 | 16.4 | 423.3 | ... | All other causes (Residual) | 1,431 | 17.6 | 1,647.1 |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| Asian or Pacific Islander, male, all ages ³ | | | | | Asian or Pacific Islander, male, 10–14 years | | | | |
| ... | All causes | 20,483 | 100.0 | 331.4 | ... | All causes | 70 | 100.0 | 15.3 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 5,523 | 27.0 | 89.4 | 1 | Malignant neoplasms (C00–C97) | 18 | 25.7 | * |
| 2 | Malignant neoplasms (C00–C97) | 5,193 | 25.4 | 84.0 | 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 15 | 21.4 | * |
| 3 | Cerebrovascular diseases (I60–I69) | 1,599 | 7.8 | 25.9 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 7 | 10.0 | * |
| 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,175 | 5.7 | 19.0 | 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 5 | 7.1 | * |
| 5 | Chronic lower respiratory diseases (J40–J47) | 743 | 3.6 | 12.0 | 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 5 | 7.1 | * |
| 6 | Diabetes mellitus (E10–E14) | 648 | 3.2 | 10.5 | 6 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 2 | 2.9 | * |
| 7 | Influenza and pneumonia (J10–J18) | 636 | 3.1 | 10.3 | 6 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 2 | 2.9 | * |
| 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 469 | 2.3 | 7.6 | 8 | Anemias (D50–D64) | 1 | 1.4 | * |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 320 | 1.6 | 5.2 | 8 | Cerebrovascular diseases (I60–I69) | 1 | 1.4 | * |
| 10 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 277 | 1.4 | 4.5 | 8 | Influenza and pneumonia (J10–J18) | 1 | 1.4 | * |
| ... | All other causes (Residual) | 3,900 | 19.0 | 63.1 | 8 | Chronic lower respiratory diseases (J40–J47) | 1 | 1.4 | * |
| Asian or Pacific Islander, male, 1–4 years | | | | | Asian or Pacific Islander, male, 15–19 years | | | | |
| ... | All causes | 97 | 100.0 | 27.1 | ... | All causes | 229 | 100.0 | 50.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 30 | 30.9 | 8.4 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 118 | 51.5 | 26.0 |
| 2 | Malignant neoplasms (C00–C97) | 12 | 12.4 | * | 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 39 | 17.0 | 8.6 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 10 | 10.3 | * | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 26 | 11.4 | 5.7 |
| 4 | Influenza and pneumonia (J10–J18) | 5 | 5.2 | * | 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 12 | 5.2 | * |
| 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 4 | 4.1 | * | 5 | Malignant neoplasms (C00–C97) | 10 | 4.4 | * |
| 6 | Certain conditions originating in the perinatal period (P00–P96) | 3 | 3.1 | * | 6 | Influenza and pneumonia (J10–J18) | 2 | 0.9 | * |
| 7 | Viral hepatitis (B15–B19) | 2 | 2.1 | * | 7 | Meningococcal infection (A39) | 1 | 0.4 | * |
| 7 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 2 | 2.1 | * | 7 | Septicemia (A40–A41) | 1 | 0.4 | * |
| 7 | Chronic lower respiratory diseases (J40–J47) | 2 | 2.1 | * | 7 | Viral hepatitis (B15–B19) | 1 | 0.4 | * |
| 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 1 | 1.0 | * | 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1 | 0.4 | * |
| 10 | Cerebrovascular diseases (I60–I69) | 1 | 1.0 | * | 7 | Diabetes mellitus (E10–E14) | 1 | 0.4 | * |
| ... | All other causes (Residual) | 25 | 25.8 | 7.0 | 7 | Aortic aneurysm and dissection (I71) | 1 | 0.4 | * |
| Asian or Pacific Islander, male, 5–9 years | | | | | Asian or Pacific Islander, male, 20–24 years | | | | |
| ... | All causes | 60 | 100.0 | 13.5 | ... | All causes | 10 | 100.0 | 13.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 27 | 45.0 | 6.1 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 10 | 100.0 | 13.5 |
| 2 | Malignant neoplasms (C00–C97) | 10 | 16.7 | * | 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 5 | 8.3 | * |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 5 | 8.3 | * | 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 3 | 5.0 | * |
| 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 3 | 5.0 | * | 5 | Septicemia (A40–A41) | 1 | 1.7 | * |
| 5 | Septicemia (A40–A41) | 1 | 1.7 | * | 5 | Cerebrovascular diseases (I60–I69) | 1 | 1.7 | * |
| 5 | Cerebrovascular diseases (I60–I69) | 1 | 1.7 | * | 5 | Influenza and pneumonia (J10–J18) | 1 | 1.7 | * |
| 5 | Influenza and pneumonia (J10–J18) | 1 | 1.7 | * | 5 | Chronic lower respiratory diseases (J40–J47) | 1 | 1.7 | * |
| 5 | Chronic lower respiratory diseases (J40–J47) | 1 | 1.7 | * | 5 | Certain conditions originating in the perinatal period (P00–P96) | 1 | 1.7 | * |
| 5 | Certain conditions originating in the perinatal period (P00–P96) | 1 | 1.7 | * | ... | All other causes (Residual) | 10 | 16.7 | * |
| ... | All other causes (Residual) | 10 | 16.7 | * | | | | | |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| Asian or Pacific Islander, male, 20–24 years | | | | | Asian or Pacific Islander, male, 45–54 years | | | | |
| ... | All causes | 325 | 100.0 | 66.1 | ... | All causes | 1,971 | 100.0 | 248.4 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 131 | 40.3 | 26.6 | 1 | Malignant neoplasms (C00–C97) | 657 | 33.3 | 82.8 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 56 | 17.2 | 11.4 | 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 481 | 24.4 | 60.6 |
| 3 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 53 | 16.3 | 10.8 | 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 127 | 6.4 | 16.0 |
| 4 | Malignant neoplasms (C00–C97) | 26 | 8.0 | 5.3 | 4 | Cerebrovascular diseases (I60–I69) | 118 | 6.0 | 14.9 |
| 5 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 11 | 3.4 | * | 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 70 | 3.6 | 8.8 |
| 6 | Septicemia (A40–A41) | 3 | 0.9 | * | 6 | Diabetes mellitus (E10–E14) | 52 | 2.6 | 6.6 |
| 6 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 3 | 0.9 | * | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 46 | 2.3 | 5.8 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 3 | 0.9 | * | 8 | Viral hepatitis (B15–B19) | 40 | 2.0 | 5.0 |
| 9 | Aortic aneurysm and dissection (I71) | 2 | 0.6 | * | 9 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 32 | 1.6 | 4.0 |
| 9 | Legal intervention (Y35,Y89.0) | 2 | 0.6 | * | 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 31 | 1.6 | 3.9 |
| ... | All other causes (Residual) | 35 | 10.8 | 7.1 | ... | All other causes (Residual) | 317 | 16.1 | 40.0 |
| Asian or Pacific Islander, male, 25–34 years | | | | | Asian or Pacific Islander, male, 55–64 years | | | | |
| ... | All causes | 633 | 100.0 | 54.5 | ... | All causes | 2,738 | 100.0 | 594.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 154 | 24.3 | 13.2 | 1 | Malignant neoplasms (C00–C97) | 1,035 | 37.8 | 224.7 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 119 | 18.8 | 10.2 | 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 710 | 25.9 | 154.2 |
| 3 | Malignant neoplasms (C00–C97) | 92 | 14.5 | 7.9 | 3 | Cerebrovascular diseases (I60–I69) | 186 | 6.8 | 40.4 |
| 4 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 67 | 10.6 | 5.8 | 4 | Diabetes mellitus (E10–E14) | 113 | 4.1 | 24.5 |
| 5 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 59 | 9.3 | 5.1 | 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 94 | 3.4 | 20.4 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 11 | 1.7 | * | 6 | Chronic lower respiratory diseases (J40–J47) | 53 | 1.9 | 11.5 |
| 6 | Cerebrovascular diseases (I60–I69) | 11 | 1.7 | * | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 46 | 1.7 | 10.0 |
| 8 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 7 | 1.1 | * | 8 | Viral hepatitis (B15–B19) | 44 | 1.6 | 9.6 |
| 9 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 6 | 0.9 | * | 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 44 | 1.6 | 9.6 |
| 10 | Septicemia (A40–A41) | 5 | 0.8 | * | 10 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 40 | 1.5 | 8.7 |
| 10 | Chronic lower respiratory diseases (J40–J47) | 5 | 0.8 | * | ... | All other causes (Residual) | 373 | 13.6 | 81.0 |
| ... | All other causes (Residual) | 97 | 15.3 | 8.3 | Asian or Pacific Islander, male, 65 years and over | | | | |
| Asian or Pacific Islander, male, 35–44 years | | | | | ... | All causes | 12,873 | 100.0 | 3,028.8 |
| ... | All causes | 1,040 | 100.0 | 100.0 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 4,020 | 31.2 | 945.8 |
| 1 | Malignant neoplasms (C00–C97) | 236 | 22.7 | 22.7 | 2 | Malignant neoplasms (C00–C97) | 3,094 | 24.0 | 728.0 |
| 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 208 | 20.0 | 20.0 | 3 | Cerebrovascular diseases (I60–I69) | 1,216 | 9.4 | 286.1 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 152 | 14.6 | 14.6 | 4 | Chronic lower respiratory diseases (J40–J47) | 655 | 5.1 | 154.1 |
| 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 86 | 8.3 | 8.3 | 5 | Influenza and pneumonia (J10–J18) | 559 | 4.3 | 131.5 |
| 5 | Cerebrovascular diseases (I60–I69) | 59 | 5.7 | 5.7 | 6 | Diabetes mellitus (E10–E14) | 467 | 3.6 | 109.9 |
| 6 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 48 | 4.6 | 4.6 | 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 314 | 2.4 | 73.9 |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 31 | 3.0 | 3.0 | 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 250 | 1.9 | 58.8 |
| 8 | Human immunodeficiency virus (HIV) disease (B20–B24) | 29 | 2.8 | 2.8 | 9 | Septicemia (A40–A41) | 166 | 1.3 | 39.1 |
| 9 | Viral hepatitis (B15–B19) | 14 | 1.3 | * | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 144 | 1.1 | 33.9 |
| 10 | Diabetes mellitus (E10–E14) | 12 | 1.2 | * | ... | All other causes (Residual) | 1,988 | 15.4 | 467.7 |
| ... | All other causes (Residual) | 165 | 15.9 | 15.9 | | | | | |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| Asian or Pacific Islander, male, 65–74 years | | | | | Asian or Pacific Islander, female, all ages ³ | | | | |
| ... | All causes | 3,887 | 100.0 | 1,487.1 | ... | All causes | 17,849 | 100.0 | 269.7 |
| 1 | Malignant neoplasms (C00–C97) | 1,259 | 32.4 | 481.7 | 1 | Malignant neoplasms (C00–C97) | 4,805 | 26.9 | 72.6 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,104 | 28.4 | 422.4 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 4,460 | 25.0 | 67.4 |
| 3 | Cerebrovascular diseases (I60–I69) | 295 | 7.6 | 112.9 | 3 | Cerebrovascular diseases (I60–I69) | 1,931 | 10.8 | 29.2 |
| 4 | Diabetes mellitus (E10–E14) | 189 | 4.9 | 72.3 | 4 | Diabetes mellitus (E10–E14) | 711 | 4.0 | 10.7 |
| 5 | Chronic lower respiratory diseases (J40–J47) | 153 | 3.9 | 58.5 | 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 700 | 3.9 | 10.6 |
| 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 120 | 3.1 | 45.9 | 6 | Influenza and pneumonia (J10–J18) | 535 | 3.0 | 8.1 |
| 7 | Influenza and pneumonia (J10–J18) | 78 | 2.0 | 29.8 | 7 | Chronic lower respiratory diseases (J40–J47) | 395 | 2.2 | 6.0 |
| 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 63 | 1.6 | 24.1 | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 329 | 1.8 | 5.0 |
| 9 | Aortic aneurysm and dissection (I71) | 47 | 1.2 | 18.0 | 9 | Alzheimer's disease (G30) | 231 | 1.3 | 3.5 |
| 10 | Septicemia (A40–A41) | 46 | 1.2 | 17.6 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 221 | 1.2 | 3.3 |
| ... | All other causes (Residual) | 533 | 13.7 | 203.9 | ... | All other causes (Residual) | 3,531 | 19.8 | 53.4 |
| Asian or Pacific Islander, male, 75–84 years | | | | | Asian or Pacific Islander, female, 1–4 years | | | | |
| ... | All causes | 5,324 | 100.0 | 4,090.8 | ... | All causes | 69 | 100.0 | 19.6 |
| 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,630 | 30.6 | 1,252.4 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 20 | 29.0 | 5.7 |
| 2 | Malignant neoplasms (C00–C97) | 1,318 | 24.8 | 1,012.7 | 2 | Malignant neoplasms (C00–C97) | 7 | 10.1 | * |
| 3 | Cerebrovascular diseases (I60–I69) | 508 | 9.5 | 390.3 | 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 7 | 10.1 | * |
| 4 | Chronic lower respiratory diseases (J40–J47) | 307 | 5.8 | 235.9 | 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 6 | 8.7 | * |
| 5 | Influenza and pneumonia (J10–J18) | 221 | 4.2 | 169.8 | 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 2 | 2.9 | * |
| 6 | Diabetes mellitus (E10–E14) | 168 | 3.2 | 129.1 | 5 | Chronic lower respiratory diseases (J40–J47) | 2 | 2.9 | * |
| 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 115 | 2.2 | 88.4 | 7 | Shigellosis and amebiasis (A03,A06) | 1 | 1.4 | * |
| 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 108 | 2.0 | 83.0 | 7 | Septicemia (A40–A41) | 1 | 1.4 | * |
| 9 | Septicemia (A40–A41) | 72 | 1.4 | 55.3 | 7 | Cerebrovascular diseases (I60–I69) | 1 | 1.4 | * |
| 10 | Aortic aneurysm and dissection (I71) | 56 | 1.1 | 43.0 | ... | All other causes (Residual) | 22 | 31.9 | 6.2 |
| ... | All other causes (Residual) | 821 | 15.4 | 630.8 | | | | | |
| Asian or Pacific Islander, male, 85 years and over | | | | | Asian or Pacific Islander, female, 5–9 years | | | | |
| ... | All causes | 3,662 | 100.0 | 10,938.5 | ... | All causes | 41 | 100.0 | 9.5 |
| 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,286 | 35.1 | 3,841.3 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 10 | 24.4 | * |
| 2 | Malignant neoplasms (C00–C97) | 517 | 14.1 | 1,544.3 | 2 | Malignant neoplasms (C00–C97) | 8 | 19.5 | * |
| 3 | Cerebrovascular diseases (I60–I69) | 413 | 11.3 | 1,233.6 | 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 3 | 7.3 | * |
| 4 | Influenza and pneumonia (J10–J18) | 260 | 7.1 | 776.6 | 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 3 | 7.3 | * |
| 5 | Chronic lower respiratory diseases (J40–J47) | 195 | 5.3 | 582.5 | 5 | Septicemia (A40–A41) | 2 | 4.9 | * |
| 6 | Diabetes mellitus (E10–E14) | 110 | 3.0 | 328.6 | 5 | Anemias (D50–D64) | 2 | 4.9 | * |
| 7 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 79 | 2.2 | 236.0 | 7 | Meningococcal infection (A39) | 1 | 2.4 | * |
| 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 79 | 2.2 | 236.0 | 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 1 | 2.4 | * |
| 9 | Alzheimer's disease (G30) | 72 | 2.0 | 215.1 | 7 | Influenza and pneumonia (J10–J18) | 1 | 2.4 | * |
| 10 | Septicemia (A40–A41) | 48 | 1.3 | 143.4 | 7 | Chronic lower respiratory diseases (J40–J47) | 1 | 2.4 | * |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 48 | 1.3 | 143.4 | 7 | Certain conditions originating in the perinatal period (P00–P96) | 1 | 2.4 | * |
| ... | All other causes (Residual) | 555 | 15.2 | 1,657.8 | 7 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 1 | 2.4 | * |
| | | | | | ... | All other causes (Residual) | 7 | 17.1 | * |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| Asian or Pacific Islander, female, 10–14 years | | | | | Asian or Pacific Islander, female, 20–24 years | | | | |
| ... | All causes | 49 | 100.0 | 11.3 | ... | All causes | 122 | 100.0 | 24.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 20 | 40.8 | 4.6 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 46 | 37.7 | 9.2 |
| 2 | Malignant neoplasms (C00–C97) | 6 | 12.2 | * | 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 12 | 9.8 | * |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 2 | 4.1 | * | 3 | Malignant neoplasms (C00–C97) | 10 | 8.2 | * |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 2 | 4.1 | * | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 10 | 8.2 | * |
| 5 | Septicemia (A40–A41) | 1 | 2.0 | * | 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 7 | 5.7 | * |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1 | 2.0 | * | 6 | Pregnancy, childbirth and the puerperium (O00–099) | 3 | 2.5 | * |
| 5 | Chronic lower respiratory diseases (J40–J47) | 1 | 2.0 | * | 7 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 2 | 1.6 | * |
| 5 | Infections of kidney (N10–N12,N13.6,N15.1) | 1 | 2.0 | * | 7 | Complications of medical and surgical care (Y40–Y84,Y88) | 2 | 1.6 | * |
| 5 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 1 | 2.0 | * | 9 | Tuberculosis (A16–A19) | 1 | 0.8 | * |
| ... | All other causes (Residual) | 14 | 28.6 | * | 9 | Septicemia (A40–A41) | 1 | 0.8 | * |
| Asian or Pacific Islander, female, 15–19 years | | | | | Asian or Pacific Islander, female, 25–34 years | | | | |
| ... | All causes | 101 | 100.0 | 23.1 | ... | All causes | 328 | 100.0 | 26.6 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 43 | 42.6 | 9.8 | 1 | Malignant neoplasms (C00–C97) | 79 | 24.1 | 6.4 |
| 2 | Malignant neoplasms (C00–C97) | 15 | 14.9 | * | 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 72 | 22.0 | 5.8 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 9 | 8.9 | * | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 41 | 12.5 | 3.3 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 8 | 7.9 | * | 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 33 | 10.1 | 2.7 |
| 5 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 3 | 3.0 | * | 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 20 | 6.1 | 1.6 |
| 6 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 2 | 2.0 | * | 6 | Pregnancy, childbirth and the puerperium (O00–099) | 12 | 3.7 | * |
| 7 | Septicemia (A40–A41) | 1 | 1.0 | * | 7 | Cerebrovascular diseases (I60–I69) | 7 | 2.1 | * |
| 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 1 | 1.0 | * | 8 | Human immunodeficiency virus (HIV) disease (B20–B24) | 4 | 1.2 | * |
| 7 | Anemias (D50–D64) | 1 | 1.0 | * | 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 4 | 1.2 | * |
| 7 | Meningitis (G00,G03) | 1 | 1.0 | * | 10 | Influenza and pneumonia (J10–J18) | 3 | 0.9 | * |
| 7 | Influenza and pneumonia (J10–J18) | 1 | 1.0 | * | 10 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 3 | 0.9 | * |
| 7 | Chronic lower respiratory diseases (J40–J47) | 1 | 1.0 | * | ... | All other causes (Residual) | 50 | 15.2 | 4.0 |
| 7 | Infections of kidney (N10–N12,N13.6,N15.1) | 1 | 1.0 | * | | | | | |
| 7 | Complications of medical and surgical care (Y40–Y84,Y88) | 1 | 1.0 | * | | | | | |
| ... | All other causes (Residual) | 13 | 12.9 | * | | | | | |

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|--|---------------------|----------------------------|-------------------|--|--|---------------------|----------------------------|-------------------|
| Asian or Pacific Islander, female, 35–44 years | | | | | Asian or Pacific Islander, female, 55–64 years | | | | |
| ... | All causes | 603 | 100.0 | 53.9 | ... | All causes | 1,968 | 100.0 | 372.0 |
| 1 | Malignant neoplasms (C00–C97) | 264 | 43.8 | 23.6 | 1 | Malignant neoplasms (C00–C97) | 906 | 46.0 | 171.2 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 56 | 9.3 | 5.0 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 327 | 16.6 | 61.8 |
| 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 50 | 8.3 | 4.5 | 3 | Cerebrovascular diseases (I60–I69) | 170 | 8.6 | 32.1 |
| 4 | Cerebrovascular diseases (I60–I69) | 42 | 7.0 | 3.8 | 4 | Diabetes mellitus (E10–E14) | 78 | 4.0 | 14.7 |
| 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 36 | 6.0 | 3.2 | 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 61 | 3.1 | 11.5 |
| 6 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 23 | 3.8 | 2.1 | 6 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 42 | 2.1 | 7.9 |
| 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 9 | 1.5 | * | 7 | Chronic lower respiratory diseases (J40–J47) | 26 | 1.3 | 4.9 |
| 8 | Chronic liver disease and cirrhosis (K70,K73–K74) | 7 | 1.2 | * | 8 | Viral hepatitis (B15–B19) | 24 | 1.2 | 4.5 |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 6 | 1.0 | * | 9 | Septicemia (A40–A41) | 23 | 1.2 | 4.3 |
| 9 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 6 | 1.0 | * | 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 20 | 1.0 | 3.8 |
| ... | All other causes (Residual) | 104 | 17.2 | 9.3 | 10 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 20 | 1.0 | 3.8 |
| Asian or Pacific Islander, female, 45–54 years | | | | | Asian or Pacific Islander, female, 65 years and over | | | | |
| ... | All causes | 1,373 | 100.0 | 149.5 | ... | All causes | 12,837 | 100.0 | 2,249.1 |
| 1 | Malignant neoplasms (C00–C97) | 721 | 52.5 | 78.5 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 3,885 | 30.3 | 680.7 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 151 | 11.0 | 16.4 | 2 | Malignant neoplasms (C00–C97) | 2,787 | 21.7 | 488.3 |
| 3 | Cerebrovascular diseases (I60–I69) | 116 | 8.4 | 12.6 | 3 | Cerebrovascular diseases (I60–I69) | 1,592 | 12.4 | 278.9 |
| 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 85 | 6.2 | 9.3 | 4 | Diabetes mellitus (E10–E14) | 593 | 4.6 | 103.9 |
| 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 35 | 2.5 | 3.8 | 5 | Influenza and pneumonia (J10–J18) | 496 | 3.9 | 86.9 |
| 6 | Diabetes mellitus (E10–E14) | 33 | 2.4 | 3.6 | 6 | Chronic lower respiratory diseases (J40–J47) | 339 | 2.6 | 59.4 |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 20 | 1.5 | 2.2 | 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 280 | 2.2 | 49.1 |
| 8 | Septicemia (A40–A41) | 18 | 1.3 | * | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 261 | 2.0 | 45.7 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 18 | 1.3 | * | 9 | Alzheimer's disease (G30) | 224 | 1.7 | 39.2 |
| 10 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 15 | 1.1 | * | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 201 | 1.6 | 35.2 |
| 10 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 15 | 1.1 | * | ... | All other causes (Residual) | 2,179 | 17.0 | 381.8 |
| ... | All other causes (Residual) | 146 | 10.6 | 15.9 | Asian or Pacific Islander, female, 65–74 years | | | | |
| See footnotes at end of table. | | | | | ... | All causes | 3,451 | 100.0 | 1,024.7 |
| | | | | | 1 | Malignant neoplasms (C00–C97) | 1,206 | 34.9 | 358.1 |
| | | | | | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 808 | 23.4 | 239.9 |
| | | | | | 3 | Cerebrovascular diseases (I60–I69) | 379 | 11.0 | 112.5 |
| | | | | | 4 | Diabetes mellitus (E10–E14) | 180 | 5.2 | 53.4 |
| | | | | | 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 88 | 2.5 | 26.1 |
| | | | | | 6 | Chronic lower respiratory diseases (J40–J47) | 83 | 2.4 | 24.6 |
| | | | | | 7 | Influenza and pneumonia (J10–J18) | 56 | 1.6 | 16.6 |
| | | | | | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 52 | 1.5 | 15.4 |
| | | | | | 9 | Viral hepatitis (B15–B19) | 47 | 1.4 | 14.0 |
| | | | | | 10 | Septicemia (A40–A41) | 46 | 1.3 | 13.7 |
| | | | | | ... | All other causes (Residual) | 506 | 14.7 | 150.2 |

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|-------------------|--|---------------------|----------------------------|-------------------|-------------------|--|---------------------|----------------------------|-------------------|
| | Asian or Pacific Islander, female, 75–84 years | | | | | Asian or Pacific Islander, female, 85 years and over | | | |
| ... | All causes | 4,900 | 100.0 | 2,713.6 | ... | All causes | 4,486 | 100.0 | 8,400.6 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 1,439 | 29.4 | 796.9 | 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 1,638 | 36.5 | 3,067.4 |
| 2 | Malignant neoplasms (C00–C97) | 1,095 | 22.3 | 606.4 | 2 | Cerebrovascular diseases (I60–I69) | 614 | 13.7 | 1,149.8 |
| 3 | Cerebrovascular diseases (I60–I69) | 599 | 12.2 | 331.7 | 3 | Malignant neoplasms (C00–C97) | 486 | 10.8 | 910.1 |
| 4 | Diabetes mellitus (E10–E14) | 270 | 5.5 | 149.5 | 4 | Influenza and pneumonia (J10–J18) | 259 | 5.8 | 485.0 |
| 5 | Influenza and pneumonia (J10–J18) | 181 | 3.7 | 100.2 | 5 | Diabetes mellitus (E10–E14) | 143 | 3.2 | 267.8 |
| 6 | Chronic lower respiratory diseases. (J40–J47) | 139 | 2.8 | 77.0 | 6 | Alzheimer's disease. (G30) | 132 | 2.9 | 247.2 |
| 7 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 124 | 2.5 | 68.7 | 7 | Chronic lower respiratory diseases. (J40–J47) | 117 | 2.6 | 219.1 |
| 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 110 | 2.2 | 60.9 | 8 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 102 | 2.3 | 191.0 |
| 9 | Alzheimer's disease. (G30) | 76 | 1.6 | 42.1 | 9 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 85 | 1.9 | 159.2 |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 67 | 1.4 | 37.1 | 10 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 82 | 1.8 | 153.6 |
| ... | All other causes (Residual) | 800 | 16.3 | 443.0 | ... | All other causes (Residual) | 828 | 18.5 | 1,550.5 |

... Category not applicable.

* Figure does not meet standards of reliability or precision; see "Technical Notes."

¹Rank based on number of deaths; see "Technical Notes."

²Figures for age not stated are included in "all ages" but not distributed among age groups.

³Includes deaths for "Under 1 year."

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | | | | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | | | |
|---|--|---------------------|--|---|--|---------------------|--|
| Rank ¹ | | Number ² | Percentage of total deaths Rate ² | Rank ¹ | | Number ² | Percentage of total deaths Rate ² |
| Hispanic, both sexes, all ages ³ | | | | Hispanic, both sexes, 10-14 years | | | |
| ... | All causes | 117,135 | 100.0 302.2 | ... | All causes | 586 | 100.0 16.6 |
| 1 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 27,887 | 23.8 71.9 | 1 | Accidents (unintentional injuries) . . . (V01-X59,Y85-Y86) | 190 | 32.4 5.4 |
| 2 | Malignant neoplasms . . . (C00-C97) | 23,141 | 19.8 59.7 | 2 | Malignant neoplasms . . . (C00-C97) | 107 | 18.3 3.0 |
| 3 | Accidents (unintentional injuries) . . . (V01-X59,Y85-Y86) | 10,106 | 8.6 26.1 | 3 | Assault (homicide) . . . (*U01-*U02,X85-Y09,Y87.1) | 36 | 6.1 1.0 |
| 4 | Cerebrovascular diseases . . . (I60-I69) | 6,451 | 5.5 16.6 | 4 | Intentional self-harm (suicide) . . . (*U03,X60-X84,Y87.0) | 35 | 6.0 1.0 |
| 5 | Diabetes mellitus . . . (E10-E14) | 5,912 | 5.0 15.3 | 5 | Congenital malformations, deformations and chromosomal abnormalities. . . (Q00-Q99) | 30 | 5.1 0.8 |
| 6 | Chronic liver disease and cirrhosis . . . (K70,K73-K74) | 3,409 | 2.9 8.8 | 6 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 18 | 3.1 * |
| 7 | Assault (homicide) . . . (*U01-*U02,X85-Y09,Y87.1) | 3,129 | 2.7 8.1 | 7 | Cerebrovascular diseases . . . (I60-I69) | 15 | 2.6 * |
| 8 | Chronic lower respiratory diseases . . . (J40-J47) | 3,058 | 2.6 7.9 | 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . (D00-D48) | 10 | 1.7 * |
| 9 | Influenza and pneumonia . . . (J10-J18) | 2,824 | 2.4 7.3 | 9 | Influenza and pneumonia . . . (J10-J18) | 8 | 1.4 * |
| 10 | Certain conditions originating in the perinatal period . . . (P00-P96) | 2,402 | 2.1 6.2 | 10 | Septicemia . . . (A40-A41) | 7 | 1.2 * |
| ... | All other causes . . . (Residual) | 28,816 | 24.6 74.3 | 10 | Chronic lower respiratory diseases . . . (J40-J47) | 7 | 1.2 * |
| Hispanic, both sexes, 1-4 years | | | | ... | All other causes . . . (Residual) | 123 | 21.0 3.5 |
| ... | All causes | 933 | 100.0 29.8 | Hispanic, both sexes, 15-19 years | | | |
| 1 | Accidents (unintentional injuries) . . . (V01-X59,Y85-Y86) | 341 | 36.5 10.9 | ... | All causes | 2,086 | 100.0 65.2 |
| 2 | Congenital malformations, deformations and chromosomal abnormalities. . . (Q00-Q99) | 111 | 11.9 3.5 | 1 | Accidents (unintentional injuries) . . . (V01-X59,Y85-Y86) | 984 | 47.2 30.8 |
| 3 | Assault (homicide) . . . (*U01-*U02,X85-Y09,Y87.1) | 81 | 8.7 2.6 | 2 | Assault (homicide) . . . (*U01-*U02,X85-Y09,Y87.1) | 472 | 22.6 14.8 |
| 4 | Malignant neoplasms . . . (C00-C97) | 72 | 7.7 2.3 | 3 | Intentional self-harm (suicide) . . . (*U03,X60-X84,Y87.0) | 181 | 8.7 5.7 |
| 5 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 24 | 2.6 0.8 | 4 | Malignant neoplasms . . . (C00-C97) | 121 | 5.8 3.8 |
| 6 | Influenza and pneumonia . . . (J10-J18) | 17 | 1.8 * | 5 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 39 | 1.9 1.2 |
| 7 | Septicemia . . . (A40-A41) | 16 | 1.7 * | 6 | Congenital malformations, deformations and chromosomal abnormalities. . . (Q00-Q99) | 37 | 1.8 1.2 |
| 8 | Certain conditions originating in the perinatal period . . . (P00-P96) | 14 | 1.5 * | 7 | Cerebrovascular diseases . . . (I60-I69) | 10 | 0.5 * |
| 9 | Cerebrovascular diseases . . . (I60-I69) | 12 | 1.3 * | 8 | Influenza and pneumonia . . . (J10-J18) | 9 | 0.4 * |
| 10 | Chronic lower respiratory diseases . . . (J40-J47) | 9 | 1.0 * | 9 | Septicemia . . . (A40-A41) | 7 | 0.3 * |
| ... | All other causes . . . (Residual) | 236 | 25.3 7.5 | 10 | Human immunodeficiency virus (HIV) disease . . . (B20-B24) | 6 | 0.3 * |
| Hispanic, both sexes, 5-9 years | | | | 10 | Chronic lower respiratory diseases . . . (J40-J47) | 6 | 0.3 * |
| ... | All causes | 538 | 100.0 14.4 | 10 | Pregnancy, childbirth and the puerperium . . . (O00-099) | 6 | 0.3 * |
| 1 | Accidents (unintentional injuries) . . . (V01-X59,Y85-Y86) | 199 | 37.0 5.3 | ... | All other causes . . . (Residual) | 208 | 10.0 6.5 |
| 2 | Malignant neoplasms . . . (C00-C97) | 103 | 19.1 2.8 | Hispanic, both sexes, 20-24 years | | | |
| 3 | Congenital malformations, deformations and chromosomal abnormalities. . . (Q00-Q99) | 40 | 7.4 1.1 | ... | All causes | 3,169 | 100.0 87.9 |
| 4 | Assault (homicide) . . . (*U01-*U02,X85-Y09,Y87.1) | 28 | 5.2 0.8 | 1 | Accidents (unintentional injuries) . . . (V01-X59,Y85-Y86) | 1,429 | 45.1 39.6 |
| 5 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . (D00-D48) | 16 | 3.0 * | 2 | Assault (homicide) . . . (*U01-*U02,X85-Y09,Y87.1) | 728 | 23.0 20.2 |
| 6 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 12 | 2.2 * | 3 | Intentional self-harm (suicide) . . . (*U03,X60-X84,Y87.0) | 274 | 8.6 7.6 |
| 7 | Septicemia . . . (A40-A41) | 7 | 1.3 * | 4 | Malignant neoplasms . . . (C00-C97) | 183 | 5.8 5.1 |
| 8 | Influenza and pneumonia . . . (J10-J18) | 6 | 1.1 * | 5 | Diseases of heart . . . (I00-I09,I11,I13,I20-I51) | 89 | 2.8 2.5 |
| 8 | Chronic lower respiratory diseases . . . (J40-J47) | 6 | 1.1 * | 6 | Congenital malformations, deformations and chromosomal abnormalities. . . (Q00-Q99) | 30 | 0.9 0.8 |
| 10 | Cerebrovascular diseases . . . (I60-I69) | 5 | 0.9 * | 7 | Human immunodeficiency virus (HIV) disease . . . (B20-B24) | 23 | 0.7 0.6 |
| ... | All other causes . . . (Residual) | 116 | 21.6 3.1 | 8 | Cerebrovascular diseases . . . (I60-I69) | 19 | 0.6 * |
| See footnotes at end of table. | | | | 9 | Legal intervention . . . (Y35,Y89.0) | 17 | 0.5 * |
| | | | | 10 | Pregnancy, childbirth and the puerperium . . . (O00-099) | 13 | 0.4 * |
| | | | | ... | All other causes . . . (Residual) | 364 | 11.5 10.1 |

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|-----------------------------------|---|---------------------|----------------------------|-------------------|---|---|---------------------|----------------------------|-------------------|
| Hispanic, both sexes, 25–34 years | | | | | Hispanic, both sexes, 55–64 years | | | | |
| ... | All causes | 5,816 | 100.0 | 79.3 | ... | All causes | 14,215 | 100.0 | 719.8 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,027 | 34.9 | 27.6 | 1 | Malignant neoplasms (C00–C97) | 4,247 | 29.9 | 215.1 |
| 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 903 | 15.5 | 12.3 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 3,492 | 24.6 | 176.8 |
| 3 | Malignant neoplasms (C00–C97) | 502 | 8.6 | 6.8 | 3 | Diabetes mellitus (E10–E14) | 1,029 | 7.2 | 52.1 |
| 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 484 | 8.3 | 6.6 | 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 758 | 5.3 | 38.4 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 321 | 5.5 | 4.4 | 5 | Cerebrovascular diseases (I60–I69) | 708 | 5.0 | 35.9 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 262 | 4.5 | 3.6 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 566 | 4.0 | 28.7 |
| 7 | Cerebrovascular diseases (I60–I69) | 93 | 1.6 | 1.3 | 7 | Chronic lower respiratory diseases (J40–J47) | 274 | 1.9 | 13.9 |
| 8 | Chronic liver disease and cirrhosis (K70,K73–K74) | 81 | 1.4 | 1.1 | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 267 | 1.9 | 13.5 |
| 9 | Diabetes mellitus (E10–E14) | 56 | 1.0 | 0.8 | 9 | Influenza and pneumonia (J10–J18) | 207 | 1.5 | 10.5 |
| 10 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 53 | 0.9 | 0.7 | 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 188 | 1.3 | 9.5 |
| ... | All other causes (Residual) | 1,034 | 17.8 | 14.1 | ... | All other causes (Residual) | 2,479 | 17.4 | 125.5 |
| Hispanic, both sexes, 35–44 years | | | | | Hispanic, both sexes, 65 years and over | | | | |
| ... | All causes | 8,467 | 100.0 | 145.8 | ... | All causes | 64,579 | 100.0 | 3,293.7 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,841 | 21.7 | 31.7 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 20,934 | 32.4 | 1,067.7 |
| 2 | Malignant neoplasms (C00–C97) | 1,346 | 15.9 | 23.2 | 2 | Malignant neoplasms (C00–C97) | 13,583 | 21.0 | 692.8 |
| 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 852 | 10.1 | 14.7 | 3 | Cerebrovascular diseases (I60–I69) | 4,753 | 7.4 | 242.4 |
| 4 | Human immunodeficiency virus (HIV) disease (B20–B24) | 779 | 9.2 | 13.4 | 4 | Diabetes mellitus (E10–E14) | 4,093 | 6.3 | 208.8 |
| 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 507 | 6.0 | 8.7 | 5 | Chronic lower respiratory diseases (J40–J47) | 2,515 | 3.9 | 128.3 |
| 6 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 464 | 5.5 | 8.0 | 6 | Influenza and pneumonia (J10–J18) | 2,275 | 3.5 | 116.0 |
| 7 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 407 | 4.8 | 7.0 | 7 | Alzheimer's disease (G30) | 1,453 | 2.2 | 74.1 |
| 8 | Cerebrovascular diseases (I60–I69) | 256 | 3.0 | 4.4 | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 1,322 | 2.0 | 67.4 |
| 9 | Diabetes mellitus (E10–E14) | 205 | 2.4 | 3.5 | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,206 | 1.9 | 61.5 |
| 10 | Viral hepatitis (B15–B19) | 101 | 1.2 | 1.7 | 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1,066 | 1.7 | 54.4 |
| ... | All other causes (Residual) | 1,709 | 20.2 | 29.4 | ... | All other causes (Residual) | 11,379 | 17.6 | 580.4 |
| Hispanic, both sexes, 45–54 years | | | | | Hispanic, both sexes, 65–74 years | | | | |
| ... | All causes | 11,745 | 100.0 | 321.3 | ... | All causes | 20,476 | 100.0 | 1,734.1 |
| 1 | Malignant neoplasms (C00–C97) | 2,859 | 24.3 | 78.2 | 1 | Malignant neoplasms (C00–C97) | 5,857 | 28.6 | 496.0 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 2,020 | 17.2 | 55.3 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 5,719 | 27.9 | 484.3 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,168 | 9.9 | 32.0 | 3 | Diabetes mellitus (E10–E14) | 1,591 | 7.8 | 134.7 |
| 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 983 | 8.4 | 26.9 | 4 | Cerebrovascular diseases (I60–I69) | 1,215 | 5.9 | 102.9 |
| 5 | Cerebrovascular diseases (I60–I69) | 560 | 4.8 | 15.3 | 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 663 | 3.2 | 56.2 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 537 | 4.6 | 14.7 | 6 | Chronic lower respiratory diseases (J40–J47) | 635 | 3.1 | 53.8 |
| 7 | Diabetes mellitus (E10–E14) | 513 | 4.4 | 14.0 | 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 466 | 2.3 | 39.5 |
| 8 | Viral hepatitis (B15–B19) | 291 | 2.5 | 8.0 | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 427 | 2.1 | 36.2 |
| 9 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 260 | 2.2 | 7.1 | 9 | Influenza and pneumonia (J10–J18) | 399 | 1.9 | 33.8 |
| 10 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 216 | 1.8 | 5.9 | 10 | Septicemia (A40–A41) | 341 | 1.7 | 28.9 |
| ... | All other causes (Residual) | 2,338 | 19.9 | 64.0 | ... | All other causes (Residual) | 3,163 | 15.4 | 267.9 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|---|---|---------------------|----------------------------|-------------------|---------------------------------------|---|---------------------|----------------------------|-------------------|
| Hispanic, both sexes, 75–84 years | | | | | Hispanic, male, 1–4 years | | | | |
| ... | All causes | 24,838 | 100.0 | 4,143.1 | ... | All causes | 546 | 100.0 | 34.2 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 7,779 | 31.3 | 1,297.6 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 215 | 39.4 | 13.5 |
| 2 | Malignant neoplasms (C00–C97) | 5,365 | 21.6 | 894.9 | 2 | Congenital malformations, deformations and chromosomal abnormalities. . . . (Q00–Q99) | 60 | 11.0 | 3.8 |
| 3 | Cerebrovascular diseases (I60–I69) | 1,918 | 7.7 | 319.9 | 3 | Assault (homicide). . . (*U01–*U02,X85–Y09,Y87.1) | 49 | 9.0 | 3.1 |
| 4 | Diabetes mellitus (E10–E14) | 1,712 | 6.9 | 285.6 | 4 | Malignant neoplasms (C00–C97) | 35 | 6.4 | 2.2 |
| 5 | Chronic lower respiratory diseases. (J40–J47) | 1,055 | 4.2 | 176.0 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 11 | 2.0 | * |
| 6 | Influenza and pneumonia (J10–J18) | 855 | 3.4 | 142.6 | 5 | Influenza and pneumonia (J10–J18) | 11 | 2.0 | * |
| 7 | Alzheimer's disease. (G30) | 535 | 2.2 | 89.2 | 7 | Septicemia (A40–A41) | 9 | 1.6 | * |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 532 | 2.1 | 88.7 | 7 | Certain conditions originating in the perinatal period (P00–P96) | 9 | 1.6 | * |
| 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 464 | 1.9 | 77.4 | 9 | Cerebrovascular diseases (I60–I69) | 5 | 0.9 | * |
| 10 | Septicemia (A40–A41) | 382 | 1.5 | 63.7 | 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. (D00–D48) | 4 | 0.7 | * |
| ... | All other causes (Residual) | 4,241 | 17.1 | 707.4 | 10 | Meningitis (G00,G03) | 4 | 0.7 | * |
| Hispanic, both sexes, 85 years and over | | | | | Hispanic, male, 5–9 years | | | | |
| ... | All causes | 19,265 | 100.0 | 10,679.0 | ... | All causes | 303 | 100.0 | 15.9 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 7,436 | 38.6 | 4,121.9 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 120 | 39.6 | 6.3 |
| 2 | Malignant neoplasms (C00–C97) | 2,361 | 12.3 | 1,308.8 | 2 | Malignant neoplasms (C00–C97) | 51 | 16.8 | 2.7 |
| 3 | Cerebrovascular diseases (I60–I69) | 1,620 | 8.4 | 898.0 | 3 | Congenital malformations, deformations and chromosomal abnormalities. . . . (Q00–Q99) | 18 | 5.9 | * |
| 4 | Influenza and pneumonia (J10–J18) | 1,021 | 5.3 | 566.0 | 4 | Assault (homicide). . . (*U01–*U02,X85–Y09,Y87.1) | 15 | 5.0 | * |
| 5 | Chronic lower respiratory diseases. (J40–J47) | 825 | 4.3 | 457.3 | 5 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. (D00–D48) | 7 | 2.3 | * |
| 6 | Alzheimer's disease. (G30) | 791 | 4.1 | 438.5 | 6 | Septicemia (A40–A41) | 6 | 2.0 | * |
| 7 | Diabetes mellitus (E10–E14) | 790 | 4.1 | 437.9 | 6 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 6 | 2.0 | * |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 363 | 1.9 | 201.2 | 8 | Chronic lower respiratory diseases. (J40–J47) | 4 | 1.3 | * |
| 9 | Septicemia (A40–A41) | 282 | 1.5 | 156.3 | 9 | Certain conditions originating in the perinatal period (P00–P96) | 3 | 1.0 | * |
| 10 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 276 | 1.4 | 153.0 | 10 | Anemias (D50–D64) | 2 | 0.7 | * |
| ... | All other causes (Residual) | 3,500 | 18.2 | 1,940.1 | 10 | Influenza and pneumonia (J10–J18) | 2 | 0.7 | * |
| Hispanic, male, all ages ³ | | | | | All other causes (Residual) | | | | |
| ... | All causes | 65,703 | 100.0 | 328.7 | ... | All other causes (Residual) | 69 | 22.8 | 3.6 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 14,798 | 22.5 | 74.0 | | | | | |
| 2 | Malignant neoplasms (C00–C97) | 12,235 | 18.6 | 61.2 | | | | | |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 7,698 | 11.7 | 38.5 | | | | | |
| 4 | Cerebrovascular diseases (I60–I69) | 3,003 | 4.6 | 15.0 | | | | | |
| 5 | Diabetes mellitus (E10–E14) | 2,779 | 4.2 | 13.9 | | | | | |
| 6 | Assault (homicide). . . (*U01–*U02,X85–Y09,Y87.1) | 2,635 | 4.0 | 13.2 | | | | | |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 2,437 | 3.7 | 12.2 | | | | | |
| 8 | Intentional self-harm (suicide). (*U03,X60–X84,Y87.0) | 1,651 | 2.5 | 8.3 | | | | | |
| 9 | Chronic lower respiratory diseases. (J40–J47) | 1,625 | 2.5 | 8.1 | | | | | |
| 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,440 | 2.2 | 7.2 | | | | | |
| ... | All other causes (Residual) | 15,402 | 23.4 | 77.0 | | | | | |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|-----------------------------|---|---------------------|----------------------------|-------------------|-----------------------------|---|---------------------|----------------------------|-------------------|
| Hispanic, male, 10–14 years | | | | | Hispanic, male, 25–34 years | | | | |
| ... | All causes | 344 | 100.0 | 19.0 | ... | All causes | 4,474 | 100.0 | 112.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 124 | 36.0 | 6.8 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,709 | 38.2 | 43.0 |
| 2 | Malignant neoplasms (C00–C97) | 57 | 16.6 | 3.1 | 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 789 | 17.6 | 19.8 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 22 | 6.4 | 1.2 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 426 | 9.5 | 10.7 |
| 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 20 | 5.8 | 1.1 | 4 | Malignant neoplasms (C00–C97) | 252 | 5.6 | 6.3 |
| 5 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 17 | 4.9 | * | 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 242 | 5.4 | 6.1 |
| 6 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 8 | 2.3 | * | 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 201 | 4.5 | 5.1 |
| 6 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 8 | 2.3 | * | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 62 | 1.4 | 1.6 |
| 8 | Cerebrovascular diseases (I60–I69) | 6 | 1.7 | * | 8 | Cerebrovascular diseases (I60–I69) | 61 | 1.4 | 1.5 |
| 9 | Influenza and pneumonia (J10–J18) | 4 | 1.2 | * | 9 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 36 | 0.8 | 0.9 |
| 9 | Chronic lower respiratory diseases (J40–J47) | 4 | 1.2 | * | 10 | Diabetes mellitus (E10–E14) | 34 | 0.8 | 0.9 |
| 9 | Complications of medical and surgical care (Y40–Y84,Y88) | 4 | 1.2 | * | ... | All other causes (Residual) | 662 | 14.8 | 16.6 |
| ... | All other causes (Residual) | 70 | 20.3 | 3.9 | Hispanic, male, 35–44 years | | | | |
| Hispanic, male, 15–19 years | | | | | ... | All causes | 5,828 | 100.0 | 192.5 |
| ... | All causes | 1,614 | 100.0 | 97.0 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,468 | 25.2 | 48.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 763 | 47.3 | 45.8 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 625 | 10.7 | 20.6 |
| 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 425 | 26.3 | 25.5 | 3 | Human immunodeficiency virus (HIV) disease (B20–B24) | 607 | 10.4 | 20.1 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 151 | 9.4 | 9.1 | 4 | Malignant neoplasms (C00–C97) | 557 | 9.6 | 18.4 |
| 4 | Malignant neoplasms (C00–C97) | 81 | 5.0 | 4.9 | 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 410 | 7.0 | 13.5 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 26 | 1.6 | 1.6 | 6 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 367 | 6.3 | 12.1 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 22 | 1.4 | 1.3 | 7 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 340 | 5.8 | 11.2 |
| 7 | Cerebrovascular diseases (I60–I69) | 6 | 0.4 | * | 8 | Cerebrovascular diseases (I60–I69) | 154 | 2.6 | 5.1 |
| 7 | Influenza and pneumonia (J10–J18) | 6 | 0.4 | * | 9 | Diabetes mellitus (E10–E14) | 124 | 2.1 | 4.1 |
| 9 | Septicemia (A40–A41) | 5 | 0.3 | * | 10 | Viral hepatitis (B15–B19) | 75 | 1.3 | 2.5 |
| 9 | Chronic lower respiratory diseases (J40–J47) | 5 | 0.3 | * | ... | All other causes (Residual) | 1,101 | 18.9 | 36.4 |
| 9 | Legal intervention (Y35,Y89.0) | 5 | 0.3 | * | Hispanic, male, 45–54 years | | | | |
| ... | All other causes (Residual) | 119 | 7.4 | 7.1 | ... | All causes | 7,719 | 100.0 | 423.4 |
| Hispanic, male, 20–24 years | | | | | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,467 | 19.0 | 80.5 |
| ... | All causes | 2,568 | 100.0 | 128.9 | 2 | Malignant neoplasms (C00–C97) | 1,430 | 18.5 | 78.4 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,195 | 46.5 | 60.0 | 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 888 | 11.5 | 48.7 |
| 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 656 | 25.5 | 32.9 | 4 | Chronic liver disease and cirrhosis (K70,K73–K74) | 805 | 10.4 | 44.2 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 237 | 9.2 | 11.9 | 5 | Human immunodeficiency virus (HIV) disease (B20–B24) | 421 | 5.5 | 23.1 |
| 4 | Malignant neoplasms (C00–C97) | 110 | 4.3 | 5.5 | 6 | Cerebrovascular diseases (I60–I69) | 340 | 4.4 | 18.6 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 68 | 2.6 | 3.4 | 7 | Diabetes mellitus (E10–E14) | 305 | 4.0 | 16.7 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 18 | 0.7 | * | 8 | Viral hepatitis (B15–B19) | 218 | 2.8 | 12.0 |
| 7 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 17 | 0.7 | * | 9 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 206 | 2.7 | 11.3 |
| 7 | Legal intervention (Y35,Y89.0) | 17 | 0.7 | * | 10 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 166 | 2.2 | 9.1 |
| 9 | Cerebrovascular diseases (I60–I69) | 11 | 0.4 | * | ... | All other causes (Residual) | 1,473 | 19.1 | 80.8 |
| 10 | Diabetes mellitus (E10–E14) | 7 | 0.3 | * | | | | | |
| 10 | Chronic lower respiratory diseases (J40–J47) | 7 | 0.3 | * | | | | | |
| ... | All other causes (Residual) | 225 | 8.8 | 11.3 | | | | | |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|-----------------------------------|---|---------------------|----------------------------|-------------------|---|---|---------------------|----------------------------|-------------------|
| Hispanic, male, 55–64 years | | | | | Hispanic, male, 75–84 years | | | | |
| ... | All causes | 8,762 | 100.0 | 937.4 | ... | All causes | 12,291 | 100.0 | 5,043.5 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 2,393 | 27.3 | 256.0 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 3,898 | 31.7 | 1,599.5 |
| 2 | Malignant neoplasms (C00–C97) | 2,377 | 27.1 | 254.3 | 2 | Malignant neoplasms (C00–C97) | 2,902 | 23.6 | 1,190.8 |
| 3 | Chronic liver disease and cirrhosis (K70,K73–K74) | 561 | 6.4 | 60.0 | 3 | Cerebrovascular diseases (I60–I69) | 825 | 6.7 | 338.5 |
| 4 | Diabetes mellitus (E10–E14) | 551 | 6.3 | 58.9 | 4 | Diabetes mellitus (E10–E14) | 748 | 6.1 | 306.9 |
| 5 | Cerebrovascular diseases (I60–I69) | 421 | 4.8 | 45.0 | 5 | Chronic lower respiratory diseases (J40–J47) | 593 | 4.8 | 243.3 |
| 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 407 | 4.6 | 43.5 | 6 | Influenza and pneumonia (J10–J18) | 422 | 3.4 | 173.2 |
| 7 | Chronic lower respiratory diseases (J40–J47) | 164 | 1.9 | 17.5 | 7 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 273 | 2.2 | 112.0 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 141 | 1.6 | 15.1 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 258 | 2.1 | 105.9 |
| 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 140 | 1.6 | 15.0 | 9 | Alzheimer's disease (G30) | 196 | 1.6 | 80.4 |
| 10 | Influenza and pneumonia (J10–J18) | 130 | 1.5 | 13.9 | 10 | Septicemia (A40–A41) | 176 | 1.4 | 72.2 |
| ... | All other causes (Residual) | 1,477 | 16.9 | 158.0 | ... | All other causes (Residual) | 2,000 | 16.3 | 820.7 |
| Hispanic, male, 65 years and over | | | | | Hispanic, male, 85 years and over | | | | |
| ... | All causes | 30,744 | 100.0 | 3,719.0 | ... | All causes | 6,977 | 100.0 | 11,674.1 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 9,910 | 32.2 | 1,198.8 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 2,571 | 36.8 | 4,301.8 |
| 2 | Malignant neoplasms (C00–C97) | 7,275 | 23.7 | 880.0 | 2 | Malignant neoplasms (C00–C97) | 1,117 | 16.0 | 1,869.0 |
| 3 | Cerebrovascular diseases (I60–I69) | 1,989 | 6.5 | 240.6 | 3 | Cerebrovascular diseases (I60–I69) | 512 | 7.3 | 856.7 |
| 4 | Diabetes mellitus (E10–E14) | 1,754 | 5.7 | 212.2 | 4 | Influenza and pneumonia (J10–J18) | 392 | 5.6 | 655.9 |
| 5 | Chronic lower respiratory diseases (J40–J47) | 1,315 | 4.3 | 159.1 | 5 | Chronic lower respiratory diseases (J40–J47) | 360 | 5.2 | 602.4 |
| 6 | Influenza and pneumonia (J10–J18) | 1,043 | 3.4 | 126.2 | 6 | Diabetes mellitus (E10–E14) | 254 | 3.6 | 425.0 |
| 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 699 | 2.3 | 84.6 | 7 | Alzheimer's disease (G30) | 204 | 2.9 | 341.3 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 628 | 2.0 | 76.0 | 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 141 | 2.0 | 235.9 |
| 9 | Chronic liver disease and cirrhosis (K70,K73–K74) | 591 | 1.9 | 71.5 | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 134 | 1.9 | 224.2 |
| 10 | Alzheimer's disease (G30) | 455 | 1.5 | 55.0 | 10 | Pneumonitis due to solids and liquids . . (J69) | 100 | 1.4 | 167.3 |
| ... | All other causes (Residual) | 5,085 | 16.5 | 615.1 | ... | All other causes (Residual) | 1,192 | 17.1 | 1,994.5 |
| Hispanic, male, 65–74 years | | | | | Hispanic, female, all ages ³ | | | | |
| ... | All causes | 11,476 | 100.0 | 2,193.4 | ... | All causes | 51,432 | 100.0 | 274.0 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 3,441 | 30.0 | 657.7 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 13,089 | 25.4 | 69.7 |
| 2 | Malignant neoplasms (C00–C97) | 3,256 | 28.4 | 622.3 | 2 | Malignant neoplasms (C00–C97) | 10,906 | 21.2 | 58.1 |
| 3 | Diabetes mellitus (E10–E14) | 752 | 6.6 | 143.7 | 3 | Cerebrovascular diseases (I60–I69) | 3,448 | 6.7 | 18.4 |
| 4 | Cerebrovascular diseases (I60–I69) | 652 | 5.7 | 124.6 | 4 | Diabetes mellitus (E10–E14) | 3,133 | 6.1 | 16.7 |
| 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 407 | 3.5 | 77.8 | 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,408 | 4.7 | 12.8 |
| 6 | Chronic lower respiratory diseases (J40–J47) | 362 | 3.2 | 69.2 | 6 | Chronic lower respiratory diseases (J40–J47) | 1,433 | 2.8 | 7.6 |
| 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 307 | 2.7 | 58.7 | 7 | Influenza and pneumonia (J10–J18) | 1,426 | 2.8 | 7.6 |
| 8 | Influenza and pneumonia (J10–J18) | 229 | 2.0 | 43.8 | 8 | Certain conditions originating in the perinatal period (P00–P96) | 1,050 | 2.0 | 5.6 |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 214 | 1.9 | 40.9 | 9 | Alzheimer's disease (G30) | 1,010 | 2.0 | 5.4 |
| 10 | Septicemia (A40–A41) | 161 | 1.4 | 30.8 | 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 972 | 1.9 | 5.2 |
| ... | All other causes (Residual) | 1,695 | 14.8 | 324.0 | ... | All other causes (Residual) | 12,557 | 24.4 | 66.9 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--------------------------------|---|---------------------|----------------------------|-------------------|-------------------------------|---|---------------------|----------------------------|-------------------|
| Hispanic, female, 1–4 years | | | | | Hispanic, female, 10–14 years | | | | |
| ... | All causes | 387 | 100.0 | 25.3 | ... | All causes | 242 | 100.0 | 14.0 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 126 | 32.6 | 8.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 66 | 27.3 | 3.8 |
| 2 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 51 | 13.2 | 3.3 | 2 | Malignant neoplasms (C00–C97) | 50 | 20.7 | 2.9 |
| 3 | Malignant neoplasms (C00–C97) | 37 | 9.6 | 2.4 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 15 | 6.2 | * |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 32 | 8.3 | 2.1 | 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 14 | 5.8 | * |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 13 | 3.4 | * | 5 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 13 | 5.4 | * |
| 6 | Septicemia (A40–A41) | 7 | 1.8 | * | 6 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 10 | 4.1 | * |
| 6 | Cerebrovascular diseases (I60–I69) | 7 | 1.8 | * | 6 | Cerebrovascular diseases (I60–I69) | 9 | 3.7 | * |
| 8 | Influenza and pneumonia (J10–J18) | 6 | 1.6 | * | 7 | Septicemia (A40–A41) | 5 | 2.1 | * |
| 9 | Chronic lower respiratory diseases (J40–J47) | 5 | 1.3 | * | 8 | Influenza and pneumonia (J10–J18) | 4 | 1.7 | * |
| 9 | Certain conditions originating in the perinatal period (P00–P96) | 5 | 1.3 | * | 9 | Chronic lower respiratory diseases (J40–J47) | 3 | 1.2 | * |
| ... | All other causes (Residual) | 98 | 25.3 | 6.4 | 10 | All other causes (Residual) | 53 | 21.9 | 3.1 |
| Hispanic, female, 5–9 years | | | | | Hispanic, female, 15–19 years | | | | |
| ... | All causes | 235 | 100.0 | 12.9 | ... | All causes | 472 | 100.0 | 30.8 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 79 | 33.6 | 4.3 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 221 | 46.8 | 14.4 |
| 2 | Malignant neoplasms (C00–C97) | 52 | 22.1 | 2.9 | 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 47 | 10.0 | 3.1 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 22 | 9.4 | 1.2 | 3 | Malignant neoplasms (C00–C97) | 40 | 8.5 | 2.6 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 13 | 5.5 | * | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 30 | 6.4 | 2.0 |
| 5 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 9 | 3.8 | * | 5 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 15 | 3.2 | * |
| 6 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 6 | 2.6 | * | 6 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 13 | 2.8 | * |
| 7 | Cerebrovascular diseases (I60–I69) | 4 | 1.7 | * | 7 | Pregnancy, childbirth and the puerperium (O00–099) | 6 | 1.3 | * |
| 7 | Influenza and pneumonia (J10–J18) | 4 | 1.7 | * | 8 | Human immunodeficiency virus (HIV) disease (B20–B24) | 5 | 1.1 | * |
| 9 | Chronic lower respiratory diseases (J40–J47) | 2 | 0.9 | * | 9 | Cerebrovascular diseases (I60–I69) | 4 | 0.8 | * |
| 10 | Septicemia (A40–A41) | 1 | 0.4 | * | 10 | Influenza and pneumonia (J10–J18) | 3 | 0.6 | * |
| 10 | Anemias (D50–D64) | 1 | 0.4 | * | ... | All other causes (Residual) | 88 | 18.6 | 5.7 |
| 10 | Pneumonitis due to solids and liquids (J69) | 1 | 0.4 | * | Hispanic, female, 20–24 years | | | | |
| 10 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 1 | 0.4 | * | ... | All causes | 601 | 100.0 | 37.2 |
| 10 | Certain conditions originating in the perinatal period (P00–P96) | 1 | 0.4 | * | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 234 | 38.9 | 14.5 |
| 10 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1 | 0.4 | * | 2 | Malignant neoplasms (C00–C97) | 73 | 12.1 | 4.5 |
| 10 | Complications of medical and surgical care (Y40–Y84,Y88) | 1 | 0.4 | * | 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 72 | 12.0 | 4.5 |
| ... | All other causes (Residual) | 37 | 15.7 | 2.0 | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 37 | 6.2 | 2.3 |
| See footnotes at end of table. | | | | | 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 21 | 3.5 | 1.3 |
| | | | | | 6 | Pregnancy, childbirth and the puerperium (O00–099) | 13 | 2.2 | * |
| | | | | | 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 13 | 2.2 | * |
| | | | | | 8 | Cerebrovascular diseases (I60–I69) | 8 | 1.3 | * |
| | | | | | 9 | Septicemia (A40–A41) | 5 | 0.8 | * |
| | | | | | 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 5 | 0.8 | * |
| | | | | | 9 | Influenza and pneumonia (J10–J18) | 5 | 0.8 | * |
| | | | | | ... | All other causes (Residual) | 115 | 19.1 | 7.1 |

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|-------------------------------|---|---------------------|----------------------------|-------------------|-------------------------------------|---|---------------------|----------------------------|-------------------|
| Hispanic, female, 25–34 years | | | | | Hispanic, female, 55–64 years | | | | |
| ... | All causes | 1,342 | 100.0 | 40.0 | ... | All causes | 5,453 | 100.0 | 524.3 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 318 | 23.7 | 9.5 | 1 | Malignant neoplasms (C00–C97) | 1,870 | 34.3 | 179.8 |
| 2 | Malignant neoplasms (C00–C97) | 250 | 18.6 | 7.5 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,099 | 20.2 | 105.7 |
| 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 114 | 8.5 | 3.4 | 3 | Diabetes mellitus (E10–E14) | 478 | 8.8 | 46.0 |
| 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 79 | 5.9 | 2.4 | 4 | Cerebrovascular diseases (I60–I69) | 287 | 5.3 | 27.6 |
| 5 | Human immunodeficiency virus (HIV) disease (B20–B24) | 61 | 4.5 | 1.8 | 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 197 | 3.6 | 18.9 |
| 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 58 | 4.3 | 1.7 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 159 | 2.9 | 15.3 |
| 7 | Cerebrovascular diseases (I60–I69) | 32 | 2.4 | 1.0 | 7 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 126 | 2.3 | 12.1 |
| 8 | Pregnancy, childbirth and the puerperium (O00–O99) | 28 | 2.1 | 0.8 | 8 | Chronic lower respiratory diseases (J40–J47) | 110 | 2.0 | 10.6 |
| 9 | Diabetes mellitus (E10–E14) | 22 | 1.6 | 0.7 | 9 | Septicemia (A40–A41) | 81 | 1.5 | 7.8 |
| 10 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 21 | 1.6 | 0.6 | 10 | Influenza and pneumonia (J10–J18) | 77 | 1.4 | 7.4 |
| ... | All other causes (Residual) | 359 | 26.8 | 10.7 | ... | All other causes (Residual) | 969 | 17.8 | 93.2 |
| Hispanic, female, 35–44 years | | | | | Hispanic, female, 65 years and over | | | | |
| ... | All causes | 2,639 | 100.0 | 94.9 | ... | All causes | 33,835 | 100.0 | 2,983.7 |
| 1 | Malignant neoplasms (C00–C97) | 789 | 29.9 | 28.4 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 11,024 | 32.6 | 972.1 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 373 | 14.1 | 13.4 | 2 | Malignant neoplasms (C00–C97) | 6,308 | 18.6 | 556.3 |
| 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 227 | 8.6 | 8.2 | 3 | Cerebrovascular diseases (I60–I69) | 2,764 | 8.2 | 243.7 |
| 4 | Human immunodeficiency virus (HIV) disease (B20–B24) | 172 | 6.5 | 6.2 | 4 | Diabetes mellitus (E10–E14) | 2,339 | 6.9 | 206.3 |
| 5 | Cerebrovascular diseases (I60–I69) | 102 | 3.9 | 3.7 | 5 | Influenza and pneumonia (J10–J18) | 1,232 | 3.6 | 108.6 |
| 6 | Chronic liver disease and cirrhosis (K70,K73–K74) | 97 | 3.7 | 3.5 | 6 | Chronic lower respiratory diseases (J40–J47) | 1,200 | 3.5 | 105.8 |
| 6 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 97 | 3.7 | 3.5 | 7 | Alzheimer's disease (G30) | 998 | 2.9 | 88.0 |
| 8 | Diabetes mellitus (E10–E14) | 81 | 3.1 | 2.9 | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 694 | 2.1 | 61.2 |
| 9 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 67 | 2.5 | 2.4 | 9 | Septicemia (A40–A41) | 570 | 1.7 | 50.3 |
| 10 | Chronic lower respiratory diseases (J40–J47) | 39 | 1.5 | 1.4 | 10 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 507 | 1.5 | 44.7 |
| ... | All other causes (Residual) | 595 | 22.5 | 21.4 | ... | All other causes (Residual) | 6,199 | 18.3 | 546.7 |
| Hispanic, female, 45–54 years | | | | | Hispanic, female, 65–74 years | | | | |
| ... | All causes | 4,026 | 100.0 | 219.8 | ... | All causes | 9,000 | 100.0 | 1,368.7 |
| 1 | Malignant neoplasms (C00–C97) | 1,429 | 35.5 | 78.0 | 1 | Malignant neoplasms (C00–C97) | 2,601 | 28.9 | 395.6 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 553 | 13.7 | 30.2 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 2,278 | 25.3 | 346.4 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 280 | 7.0 | 15.3 | 3 | Diabetes mellitus (E10–E14) | 839 | 9.3 | 127.6 |
| 4 | Cerebrovascular diseases (I60–I69) | 220 | 5.5 | 12.0 | 4 | Cerebrovascular diseases (I60–I69) | 563 | 6.3 | 85.6 |
| 5 | Diabetes mellitus (E10–E14) | 208 | 5.2 | 11.4 | 5 | Chronic lower respiratory diseases (J40–J47) | 273 | 3.0 | 41.5 |
| 6 | Chronic liver disease and cirrhosis (K70,K73–K74) | 178 | 4.4 | 9.7 | 6 | Chronic liver disease and cirrhosis (K70,K73–K74) | 256 | 2.8 | 38.9 |
| 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 116 | 2.9 | 6.3 | 7 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 213 | 2.4 | 32.4 |
| 8 | Viral hepatitis (B15–B19) | 73 | 1.8 | 4.0 | 8 | Septicemia (A40–A41) | 180 | 2.0 | 27.4 |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 69 | 1.7 | 3.8 | 9 | Influenza and pneumonia (J10–J18) | 170 | 1.9 | 25.9 |
| 10 | Chronic lower respiratory diseases (J40–J47) | 57 | 1.4 | 3.1 | 10 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 159 | 1.8 | 24.2 |
| ... | All other causes (Residual) | 843 | 20.9 | 46.0 | ... | All other causes (Residual) | 1,468 | 16.3 | 223.3 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| Hispanic, female, 75–84 years | | | | | White, non-Hispanic, both sexes, 1–4 years | | | | |
| ... | All causes | 12,547 | 100.0 | 3,526.4 | ... | All causes | 2,502 | 100.0 | 27.1 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 3,881 | 30.9 | 1,090.8 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 865 | 34.6 | 9.4 |
| 2 | Malignant neoplasms (C00–C97) | 2,463 | 19.6 | 692.2 | 2 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 281 | 11.2 | 3.0 |
| 3 | Cerebrovascular diseases (I60–I69) | 1,093 | 8.7 | 307.2 | 3 | Malignant neoplasms (C00–C97) | 236 | 9.4 | 2.6 |
| 4 | Diabetes mellitus (E10–E14) | 964 | 7.7 | 270.9 | 4 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 169 | 6.8 | 1.8 |
| 5 | Chronic lower respiratory diseases (J40–J47) | 462 | 3.7 | 129.8 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 91 | 3.6 | 1.0 |
| 6 | Influenza and pneumonia (J10–J18) | 433 | 3.5 | 121.7 | 6 | Influenza and pneumonia (J10–J18) | 46 | 1.8 | 0.5 |
| 7 | Alzheimer's disease (G30) | 339 | 2.7 | 95.3 | 7 | Septicemia (A40–A41) | 42 | 1.7 | 0.5 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 259 | 2.1 | 72.8 | 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 36 | 1.4 | 0.4 |
| 9 | Septicemia (A40–A41) | 206 | 1.6 | 57.9 | 9 | Cerebrovascular diseases (I60–I69) | 29 | 1.2 | 0.3 |
| 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 206 | 1.6 | 57.9 | 10 | Chronic lower respiratory diseases (J40–J47) | 23 | 0.9 | 0.2 |
| ... | All other causes (Residual) | 2,241 | 17.9 | 629.8 | ... | All other causes (Residual) | 684 | 27.3 | 7.4 |
| Hispanic, female, 85 years and over | | | | | White, non-Hispanic, both sexes, 5–9 years | | | | |
| ... | All causes | 12,288 | 100.0 | 10,186.0 | ... | All causes | 1,643 | 100.0 | 13.7 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 4,865 | 39.6 | 4,032.8 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 616 | 37.5 | 5.1 |
| 2 | Malignant neoplasms (C00–C97) | 1,244 | 10.1 | 1,031.2 | 2 | Malignant neoplasms (C00–C97) | 331 | 20.1 | 2.8 |
| 3 | Cerebrovascular diseases (I60–I69) | 1,108 | 9.0 | 918.5 | 3 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 117 | 7.1 | 1.0 |
| 4 | Influenza and pneumonia (J10–J18) | 629 | 5.1 | 521.4 | 4 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 56 | 3.4 | 0.5 |
| 5 | Alzheimer's disease (G30) | 587 | 4.8 | 486.6 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 53 | 3.2 | 0.4 |
| 6 | Diabetes mellitus (E10–E14) | 536 | 4.4 | 444.3 | 6 | Septicemia (A40–A41) | 24 | 1.5 | 0.2 |
| 7 | Chronic lower respiratory diseases (J40–J47) | 465 | 3.8 | 385.5 | 7 | Influenza and pneumonia (J10–J18) | 23 | 1.4 | 0.2 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 222 | 1.8 | 184.0 | 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 20 | 1.2 | 0.2 |
| 9 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 189 | 1.5 | 156.7 | 8 | Cerebrovascular diseases (I60–I69) | 20 | 1.2 | 0.2 |
| 10 | Septicemia (A40–A41) | 184 | 1.5 | 152.5 | 10 | Anemias (D50–D64) | 12 | 0.7 | * |
| ... | All other causes (Residual) | 2,259 | 18.4 | 1,872.6 | ... | All other causes (Residual) | 371 | 22.6 | 3.1 |
| White, non-Hispanic, both sexes, all ages ³ | | | | | White, non-Hispanic, both sexes, 10–14 years | | | | |
| ... | All causes | 1,981,973 | 100.0 | 997.5 | ... | All causes | 2,388 | 100.0 | 18.1 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 577,761 | 29.2 | 290.8 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 965 | 40.4 | 7.3 |
| 2 | Malignant neoplasms (C00–C97) | 458,754 | 23.1 | 230.9 | 2 | Malignant neoplasms (C00–C97) | 311 | 13.0 | 2.4 |
| 3 | Cerebrovascular diseases (I60–I69) | 133,118 | 6.7 | 67.0 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 176 | 7.4 | 1.3 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 112,128 | 5.7 | 56.4 | 4 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 136 | 5.7 | 1.0 |
| 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 80,605 | 4.1 | 40.6 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 93 | 3.9 | 0.7 |
| 6 | Influenza and pneumonia (J10–J18) | 55,419 | 2.8 | 27.9 | 6 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 77 | 3.2 | 0.6 |
| 7 | Alzheimer's disease (G30) | 53,486 | 2.7 | 26.9 | 7 | Influenza and pneumonia (J10–J18) | 32 | 1.3 | 0.2 |
| 8 | Diabetes mellitus (E10–E14) | 52,463 | 2.6 | 26.4 | 8 | Septicemia (A40–A41) | 31 | 1.3 | 0.2 |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27) | 30,669 | 1.5 | 15.4 | 8 | Chronic lower respiratory diseases (J40–J47) | 31 | 1.3 | 0.2 |
| 10 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 26,691 | 1.3 | 13.4 | 10 | Cerebrovascular diseases (I60–I69) | 24 | 1.0 | 0.2 |
| ... | All other causes (Residual) | 400,879 | 20.2 | 201.8 | ... | All other causes (Residual) | 512 | 21.4 | 3.9 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| White, non-Hispanic, both sexes, 15–19 years | | | | | White, non-Hispanic, both sexes, 35–44 years | | | | |
| ... | All causes | 8,552 | 100.0 | 65.5 | ... | All causes | 59,529 | 100.0 | 191.6 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 5,099 | 59.6 | 39.0 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 12,035 | 20.2 | 38.7 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,124 | 13.1 | 8.6 | 2 | Malignant neoplasms (C00–C97) | 11,234 | 18.9 | 36.2 |
| 3 | Malignant neoplasms (C00–C97) | 454 | 5.3 | 3.5 | 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 9,114 | 15.3 | 29.3 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 366 | 4.3 | 2.8 | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 5,795 | 9.7 | 18.7 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 240 | 2.8 | 1.8 | 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 2,148 | 3.6 | 6.9 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 153 | 1.8 | 1.2 | 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,790 | 3.0 | 5.8 |
| 7 | Influenza and pneumonia (J10–J18) | 42 | 0.5 | 0.3 | 7 | Diabetes mellitus (E10–E14) | 1,345 | 2.3 | 4.3 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 40 | 0.5 | 0.3 | 8 | Cerebrovascular diseases (I60–I69) | 1,288 | 2.2 | 4.1 |
| 9 | Diabetes mellitus (E10–E14) | 32 | 0.4 | 0.2 | 9 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 1,268 | 2.1 | 4.1 |
| 10 | Septicemia (A40–A41) | 31 | 0.4 | 0.2 | 10 | Chronic lower respiratory diseases (J40–J47) | 624 | 1.0 | 2.0 |
| ... | All other causes (Residual) | 971 | 11.4 | 7.4 | ... | All other causes (Residual) | 12,888 | 21.6 | 41.5 |
| White, non-Hispanic, both sexes, 20–24 years | | | | | White, non-Hispanic, both sexes, 45–54 years | | | | |
| ... | All causes | 10,906 | 100.0 | 86.6 | ... | All causes | 119,812 | 100.0 | 400.1 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 5,565 | 51.0 | 44.2 | 1 | Malignant neoplasms (C00–C97) | 36,609 | 30.6 | 122.3 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,827 | 16.8 | 14.5 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 26,206 | 21.9 | 87.5 |
| 3 | Malignant neoplasms (C00–C97) | 643 | 5.9 | 5.1 | 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 10,859 | 9.1 | 36.3 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 592 | 5.4 | 4.7 | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 5,603 | 4.7 | 18.7 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 307 | 2.8 | 2.4 | 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 5,023 | 4.2 | 16.8 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 162 | 1.5 | 1.3 | 6 | Diabetes mellitus (E10–E14) | 3,385 | 2.8 | 11.3 |
| 7 | Cerebrovascular diseases (I60–I69) | 73 | 0.7 | 0.6 | 7 | Cerebrovascular diseases (I60–I69) | 3,320 | 2.8 | 11.1 |
| 8 | Diabetes mellitus (E10–E14) | 63 | 0.6 | 0.5 | 8 | Chronic lower respiratory diseases (J40–J47) | 2,686 | 2.2 | 9.0 |
| 9 | Influenza and pneumonia (J10–J18) | 61 | 0.6 | 0.5 | 9 | Viral hepatitis (B15–B19) | 1,590 | 1.3 | 5.3 |
| 10 | Chronic lower respiratory diseases (J40–J47) | 54 | 0.5 | 0.4 | 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,366 | 1.1 | 4.6 |
| ... | All other causes (Residual) | 1,559 | 14.3 | 12.4 | ... | All other causes (Residual) | 23,165 | 19.3 | 77.4 |
| White, non-Hispanic, both sexes, 25–34 years | | | | | White, non-Hispanic, both sexes, 55–64 years | | | | |
| ... | All causes | 23,758 | 100.0 | 95.9 | ... | All causes | 190,843 | 100.0 | 912.8 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 8,344 | 35.1 | 33.7 | 1 | Malignant neoplasms (C00–C97) | 73,809 | 38.7 | 353.0 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 3,809 | 16.0 | 15.4 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 47,494 | 24.9 | 227.2 |
| 3 | Malignant neoplasms (C00–C97) | 2,483 | 10.5 | 10.0 | 3 | Chronic lower respiratory diseases (J40–J47) | 9,757 | 5.1 | 46.7 |
| 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,718 | 7.2 | 6.9 | 4 | Cerebrovascular diseases (I60–I69) | 6,432 | 3.4 | 30.8 |
| 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 977 | 4.1 | 3.9 | 5 | Diabetes mellitus (E10–E14) | 6,403 | 3.4 | 30.6 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 429 | 1.8 | 1.7 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 6,393 | 3.3 | 30.6 |
| 7 | Diabetes mellitus (E10–E14) | 382 | 1.6 | 1.5 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 4,483 | 2.3 | 21.4 |
| 8 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 331 | 1.4 | 1.3 | 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 3,254 | 1.7 | 15.6 |
| 9 | Cerebrovascular diseases (I60–I69) | 285 | 1.2 | 1.2 | 9 | Septicemia (A40–A41) | 2,241 | 1.2 | 10.7 |
| 10 | Influenza and pneumonia (J10–J18) | 207 | 0.9 | 0.8 | 10 | Influenza and pneumonia (J10–J18) | 2,152 | 1.1 | 10.3 |
| ... | All other causes (Residual) | 4,793 | 20.2 | 19.3 | ... | All other causes (Residual) | 28,425 | 14.9 | 136.0 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| White, non-Hispanic, both sexes, 65 years and over | | | | | White, non-Hispanic, both sexes, 85 years and over | | | | |
| ... | All causes | 1,548,455 | 100.0 | 5,234.7 | ... | All causes | 603,063 | 100.0 | 15,149.1 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 492,173 | 31.8 | 1,663.8 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 221,670 | 36.8 | 5,568.4 |
| 2 | Malignant neoplasms (C00–C97) | 332,605 | 21.5 | 1,124.4 | 2 | Malignant neoplasms (C00–C97) | 69,184 | 11.5 | 1,737.9 |
| 3 | Cerebrovascular diseases (I60–I69) | 121,566 | 7.9 | 411.0 | 3 | Cerebrovascular diseases (I60–I69) | 58,884 | 9.8 | 1,479.2 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 98,721 | 6.4 | 333.7 | 4 | Alzheimer's disease (G30) | 31,605 | 5.2 | 793.9 |
| 5 | Alzheimer's disease (G30) | 52,981 | 3.4 | 179.1 | 5 | Influenza and pneumonia (J10–J18) | 28,373 | 4.7 | 712.7 |
| 6 | Influenza and pneumonia (J10–J18) | 50,793 | 3.3 | 171.7 | 6 | Chronic lower respiratory diseases (J40–J47) | 26,796 | 4.4 | 673.1 |
| 7 | Diabetes mellitus (E10–E14) | 40,830 | 2.6 | 138.0 | 7 | Diabetes mellitus (E10–E14) | 11,801 | 2.0 | 296.4 |
| 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 29,376 | 1.9 | 99.3 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 11,579 | 1.9 | 290.9 |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 27,172 | 1.8 | 91.9 | 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 11,192 | 1.9 | 281.1 |
| 10 | Septicemia (A40–A41) | 21,055 | 1.4 | 71.2 | 10 | Septicemia (A40–A41) | 7,666 | 1.3 | 192.6 |
| ... | All other causes (Residual) | 281,183 | 18.2 | 950.6 | ... | All other causes (Residual) | 124,313 | 20.6 | 3,122.8 |
| White, non-Hispanic, both sexes, 65–74 years | | | | | White, non-Hispanic, male, all ages ³ | | | | |
| ... | All causes | 338,961 | 100.0 | 2,296.1 | ... | All causes | 957,645 | 100.0 | 983.9 |
| 1 | Malignant neoplasms (C00–C97) | 119,464 | 35.2 | 809.2 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 281,442 | 29.4 | 289.2 |
| 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 88,528 | 26.1 | 599.7 | 2 | Malignant neoplasms (C00–C97) | 237,323 | 24.8 | 243.8 |
| 3 | Chronic lower respiratory diseases (J40–J47) | 26,808 | 7.9 | 181.6 | 3 | Chronic lower respiratory diseases (J40–J47) | 53,662 | 5.6 | 55.1 |
| 4 | Cerebrovascular diseases (I60–I69) | 16,355 | 4.8 | 110.8 | 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 50,652 | 5.3 | 52.0 |
| 5 | Diabetes mellitus (E10–E14) | 11,337 | 3.3 | 76.8 | 5 | Cerebrovascular diseases (I60–I69) | 49,908 | 5.2 | 51.3 |
| 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 6,481 | 1.9 | 43.9 | 6 | Diabetes mellitus (E10–E14) | 25,273 | 2.6 | 26.0 |
| 7 | Influenza and pneumonia (J10–J18) | 5,419 | 1.6 | 36.7 | 7 | Influenza and pneumonia (J10–J18) | 23,934 | 2.5 | 24.6 |
| 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 4,870 | 1.4 | 33.0 | 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 21,323 | 2.2 | 21.9 |
| 9 | Septicemia (A40–A41) | 4,583 | 1.4 | 31.0 | 9 | Alzheimer's disease (G30) | 15,399 | 1.6 | 15.8 |
| 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 4,205 | 1.2 | 28.5 | 10 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 14,883 | 1.6 | 15.3 |
| ... | All other causes (Residual) | 50,911 | 15.0 | 344.9 | ... | All other causes (Residual) | 183,846 | 19.2 | 188.9 |
| White, non-Hispanic, both sexes, 75–84 years | | | | | White, non-Hispanic, male, 1–4 years | | | | |
| ... | All causes | 606,431 | 100.0 | 5,596.0 | ... | All causes | 1,431 | 100.0 | 30.3 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 181,975 | 30.0 | 1,679.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 527 | 36.8 | 11.1 |
| 2 | Malignant neoplasms (C00–C97) | 143,957 | 23.7 | 1,328.4 | 2 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 151 | 10.6 | 3.2 |
| 3 | Cerebrovascular diseases (I60–I69) | 46,327 | 7.6 | 427.5 | 3 | Malignant neoplasms (C00–C97) | 134 | 9.4 | 2.8 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 45,117 | 7.4 | 416.3 | 4 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 89 | 6.2 | 1.9 |
| 5 | Alzheimer's disease (G30) | 18,227 | 3.0 | 168.2 | 5 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 54 | 3.8 | 1.1 |
| 6 | Diabetes mellitus (E10–E14) | 17,692 | 2.9 | 163.3 | 6 | Septicemia (A40–A41) | 25 | 1.7 | 0.5 |
| 7 | Influenza and pneumonia (J10–J18) | 17,001 | 2.8 | 156.9 | 7 | Influenza and pneumonia (J10–J18) | 24 | 1.7 | 0.5 |
| 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 11,316 | 1.9 | 104.4 | 8 | Cerebrovascular diseases (I60–I69) | 18 | 1.3 | * |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 11,110 | 1.8 | 102.5 | 9 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 17 | 1.2 | * |
| 10 | Septicemia (A40–A41) | 8,806 | 1.5 | 81.3 | 9 | Chronic lower respiratory diseases (J40–J47) | 17 | 1.2 | * |
| ... | All other causes (Residual) | 104,903 | 17.3 | 968.0 | ... | All other causes (Residual) | 375 | 26.2 | 7.9 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| White, non-Hispanic, male, 5–9 years | | | | | White, non-Hispanic, male, 20–24 years | | | | |
| ... | All causes | 923 | 100.0 | 14.9 | ... | All causes | 8,073 | 100.0 | 126.7 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 378 | 41.0 | 6.1 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 4,280 | 53.0 | 67.2 |
| 2 | Malignant neoplasms (C00–C97) | 182 | 19.7 | 2.9 | 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,573 | 19.5 | 24.7 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 58 | 6.3 | 0.9 | 3 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 422 | 5.2 | 6.6 |
| 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 24 | 2.6 | 0.4 | 4 | Malignant neoplasms (C00–C97) | 375 | 4.6 | 5.9 |
| 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 21 | 2.3 | 0.3 | 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 207 | 2.6 | 3.2 |
| 6 | Septicemia (A40–A41) | 15 | 1.6 | * | 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 88 | 1.1 | 1.4 |
| 7 | Cerebrovascular diseases (I60–I69) | 10 | 1.1 | * | 7 | Cerebrovascular diseases (I60–I69) | 45 | 0.6 | 0.7 |
| 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 9 | 1.0 | * | 8 | Influenza and pneumonia (J10–J18) | 38 | 0.5 | 0.6 |
| 9 | Influenza and pneumonia (J10–J18) | 8 | 0.9 | * | 9 | Diabetes mellitus (E10–E14) | 35 | 0.4 | 0.5 |
| 9 | Chronic lower respiratory diseases (J40–J47) | 8 | 0.9 | * | 10 | Septicemia (A40–A41) | 26 | 0.3 | 0.4 |
| ... | All other causes (Residual) | 210 | 22.8 | 3.4 | ... | All other causes (Residual) | 984 | 12.2 | 15.4 |
| White, non-Hispanic, male, 10–14 years | | | | | White, non-Hispanic, male, 25–34 years | | | | |
| ... | All causes | 1,442 | 100.0 | 21.3 | ... | All causes | 16,339 | 100.0 | 130.9 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 619 | 42.9 | 9.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 6,273 | 38.4 | 50.3 |
| 2 | Malignant neoplasms (C00–C97) | 173 | 12.0 | 2.6 | 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 3,065 | 18.8 | 24.6 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 137 | 9.5 | 2.0 | 3 | Malignant neoplasms (C00–C97) | 1,218 | 7.5 | 9.8 |
| 4 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 67 | 4.6 | 1.0 | 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,177 | 7.2 | 9.4 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 61 | 4.2 | 0.9 | 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 660 | 4.0 | 5.3 |
| 6 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 40 | 2.8 | 0.6 | 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 335 | 2.1 | 2.7 |
| 7 | Septicemia (A40–A41) | 19 | 1.3 | * | 7 | Diabetes mellitus (E10–E14) | 231 | 1.4 | 1.9 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 15 | 1.0 | * | 8 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 195 | 1.2 | 1.6 |
| 9 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 13 | 0.9 | * | 9 | Cerebrovascular diseases (I60–I69) | 136 | 0.8 | 1.1 |
| 9 | Cerebrovascular diseases (I60–I69) | 13 | 0.9 | * | 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 130 | 0.8 | 1.0 |
| ... | All other causes (Residual) | 285 | 19.8 | 4.2 | ... | All other causes (Residual) | 2,919 | 17.9 | 23.4 |
| White, non-Hispanic, male, 15–19 years | | | | | White, non-Hispanic, male, 35–44 years | | | | |
| ... | All causes | 5,884 | 100.0 | 87.6 | ... | All causes | 38,049 | 100.0 | 244.9 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 3,466 | 58.9 | 51.6 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 8,550 | 22.5 | 55.0 |
| 2 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 954 | 16.2 | 14.2 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 6,657 | 17.5 | 42.9 |
| 3 | Malignant neoplasms (C00–C97) | 264 | 4.5 | 3.9 | 3 | Malignant neoplasms (C00–C97) | 5,041 | 13.2 | 32.5 |
| 4 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 263 | 4.5 | 3.9 | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 4,462 | 11.7 | 28.7 |
| 5 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 163 | 2.8 | 2.4 | 5 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,517 | 4.0 | 9.8 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 90 | 1.5 | 1.3 | 6 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1,371 | 3.6 | 8.8 |
| 7 | Chronic lower respiratory diseases (J40–J47) | 25 | 0.4 | 0.4 | 7 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 874 | 2.3 | 5.6 |
| 8 | Influenza and pneumonia (J10–J18) | 24 | 0.4 | 0.4 | 8 | Diabetes mellitus (E10–E14) | 849 | 2.2 | 5.5 |
| 9 | Cerebrovascular diseases (I60–I69) | 17 | 0.3 | * | 9 | Cerebrovascular diseases (I60–I69) | 617 | 1.6 | 4.0 |
| 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 16 | 0.3 | * | 10 | Viral hepatitis (B15–B19) | 351 | 0.9 | 2.3 |
| 10 | Diabetes mellitus (E10–E14) | 16 | 0.3 | * | ... | All other causes (Residual) | 7,760 | 20.4 | 50.0 |
| ... | All other causes (Residual) | 586 | 10.0 | 8.7 | | | | | |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| White, non-Hispanic, male, 45–54 years | | | | | White, non-Hispanic, male, 65–74 years | | | | |
| ... | All causes | 75,724 | 100.0 | 509.9 | ... | All causes | 191,844 | 100.0 | 2,824.1 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 19,774 | 26.1 | 133.1 | 1 | Malignant neoplasms (C00–C97) | 66,250 | 34.5 | 975.3 |
| 2 | Malignant neoplasms (C00–C97) | 18,699 | 24.7 | 125.9 | 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 55,265 | 28.8 | 813.5 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 7,745 | 10.2 | 52.1 | 3 | Chronic lower respiratory diseases (J40–J47) | 13,615 | 7.1 | 200.4 |
| 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 4,252 | 5.6 | 28.6 | 4 | Cerebrovascular diseases (I60–I69) | 8,368 | 4.4 | 123.2 |
| 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 3,670 | 4.8 | 24.7 | 5 | Diabetes mellitus (E10–E14) | 6,041 | 3.1 | 88.9 |
| 6 | Diabetes mellitus (E10–E14) | 2,054 | 2.7 | 13.8 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 3,991 | 2.1 | 58.8 |
| 7 | Cerebrovascular diseases (I60–I69) | 1,797 | 2.4 | 12.1 | 7 | Influenza and pneumonia (J10–J18) | 3,050 | 1.6 | 44.9 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 1,383 | 1.8 | 9.3 | 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 2,694 | 1.4 | 39.7 |
| 9 | Viral hepatitis (B15–B19) | 1,212 | 1.6 | 8.2 | 9 | Chronic liver disease and cirrhosis (K70,K73–K74) | 2,489 | 1.3 | 36.6 |
| 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,183 | 1.6 | 8.0 | 10 | Septicemia (A40–A41) | 2,310 | 1.2 | 34.0 |
| ... | All other causes (Residual) | 13,955 | 18.4 | 94.0 | ... | All other causes (Residual) | 27,771 | 14.5 | 408.8 |
| White, non-Hispanic, male, 55–64 years | | | | | White, non-Hispanic, male, 75–84 years | | | | |
| ... | All causes | 114,535 | 100.0 | 1,126.5 | ... | All causes | 295,763 | 100.0 | 6,801.7 |
| 1 | Malignant neoplasms (C00–C97) | 40,210 | 35.1 | 395.5 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 92,616 | 31.3 | 2,129.9 |
| 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 33,313 | 29.1 | 327.6 | 2 | Malignant neoplasms (C00–C97) | 74,639 | 25.2 | 1,716.5 |
| 3 | Chronic lower respiratory diseases (J40–J47) | 4,909 | 4.3 | 48.3 | 3 | Chronic lower respiratory diseases (J40–J47) | 22,034 | 7.4 | 506.7 |
| 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 4,374 | 3.8 | 43.0 | 4 | Cerebrovascular diseases (I60–I69) | 19,181 | 6.5 | 441.1 |
| 5 | Diabetes mellitus (E10–E14) | 3,815 | 3.3 | 37.5 | 5 | Influenza and pneumonia (J10–J18) | 8,402 | 2.8 | 193.2 |
| 6 | Cerebrovascular diseases (I60–I69) | 3,511 | 3.1 | 34.5 | 6 | Diabetes mellitus (E10–E14) | 8,151 | 2.8 | 187.4 |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 3,097 | 2.7 | 30.5 | 7 | Alzheimer's disease (G30) | 6,544 | 2.2 | 150.5 |
| 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 2,546 | 2.2 | 25.0 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 5,805 | 2.0 | 133.5 |
| 9 | Influenza and pneumonia (J10–J18) | 1,228 | 1.1 | 12.1 | 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 5,687 | 1.9 | 130.8 |
| 10 | Septicemia (A40–A41) | 1,204 | 1.1 | 11.8 | 10 | Parkinson's disease (G20–G21) | 4,473 | 1.5 | 102.9 |
| ... | All other causes (Residual) | 16,328 | 14.3 | 160.6 | ... | All other causes (Residual) | 48,231 | 16.3 | 1,109.2 |
| White, non-Hispanic, male, 65 years and over | | | | | White, non-Hispanic, male, 85 years and over | | | | |
| ... | All causes | 687,441 | 100.0 | 5,569.8 | ... | All causes | 199,834 | 100.0 | 16,641.9 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 219,857 | 32.0 | 1,781.3 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 71,976 | 36.0 | 5,994.1 |
| 2 | Malignant neoplasms (C00–C97) | 171,001 | 24.9 | 1,385.5 | 2 | Malignant neoplasms (C00–C97) | 30,112 | 15.1 | 2,507.7 |
| 3 | Chronic lower respiratory diseases (J40–J47) | 46,881 | 6.8 | 379.8 | 3 | Cerebrovascular diseases (I60–I69) | 16,162 | 8.1 | 1,345.9 |
| 4 | Cerebrovascular diseases (I60–I69) | 43,711 | 6.4 | 354.2 | 4 | Chronic lower respiratory diseases (J40–J47) | 11,232 | 5.6 | 935.4 |
| 5 | Influenza and pneumonia (J10–J18) | 21,306 | 3.1 | 172.6 | 5 | Influenza and pneumonia (J10–J18) | 9,854 | 4.9 | 820.6 |
| 6 | Diabetes mellitus (E10–E14) | 18,256 | 2.7 | 147.9 | 6 | Alzheimer's disease (G30) | 7,270 | 3.6 | 605.4 |
| 7 | Alzheimer's disease (G30) | 15,167 | 2.2 | 122.9 | 7 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 4,594 | 2.3 | 382.6 |
| 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 14,138 | 2.1 | 114.5 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 4,342 | 2.2 | 361.6 |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 12,975 | 1.9 | 105.1 | 9 | Diabetes mellitus (E10–E14) | 4,064 | 2.0 | 338.4 |
| 10 | Septicemia (A40–A41) | 8,764 | 1.3 | 71.0 | 10 | Pneumonitis due to solids and liquids . . . (J69) | 3,343 | 1.7 | 278.4 |
| ... | All other causes (Residual) | 115,385 | 16.8 | 934.9 | ... | All other causes (Residual) | 36,885 | 18.5 | 3,071.7 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | | | | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | | | |
|---|--|---------------------|--|---|--|---------------------|--|
| Rank ¹ | | Number ² | Percentage of total deaths Rate ² | Rank ¹ | | Number ² | Percentage of total deaths Rate ² |
| White, non-Hispanic, female, all ages ³ | | | | White, non-Hispanic, female, 10–14 years | | | |
| ... | All causes | 1,024,328 | 100.0 1,010.6 | ... | All causes | 946 | 100.0 14.8 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 296,319 | 28.9 292.3 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 346 | 36.6 5.4 |
| 2 | Malignant neoplasms (C00–C97) | 221,431 | 21.6 218.5 | 2 | Malignant neoplasms (C00–C97) | 138 | 14.6 2.2 |
| 3 | Cerebrovascular diseases (I60–I69) | 83,210 | 8.1 82.1 | 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 69 | 7.3 1.1 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 58,466 | 5.7 57.7 | 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 39 | 4.1 0.6 |
| 5 | Alzheimer's disease (G30) | 38,087 | 3.7 37.6 | 5 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 37 | 3.9 0.6 |
| 6 | Influenza and pneumonia (J10–J18) | 31,485 | 3.1 31.1 | 6 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 32 | 3.4 0.5 |
| 7 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 29,953 | 2.9 29.6 | 7 | Influenza and pneumonia (J10–J18) | 20 | 2.1 0.3 |
| 8 | Diabetes mellitus (E10–E14) | 27,190 | 2.7 26.8 | 8 | Chronic lower respiratory diseases (J40–J47) | 16 | 1.7 * |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 15,786 | 1.5 15.6 | 9 | Septicemia (A40–A41) | 12 | 1.3 * |
| 10 | Septicemia (A40–A41) | 14,397 | 1.4 14.2 | 10 | Cerebrovascular diseases (I60–I69) | 11 | 1.2 * |
| ... | All other causes (Residual) | 208,004 | 20.3 205.2 | ... | All other causes (Residual) | 226 | 23.9 3.5 |
| White, non-Hispanic, female, 1–4 years | | | | White, non-Hispanic, female, 15–19 years | | | |
| ... | All causes | 1,071 | 100.0 23.8 | ... | All causes | 2,668 | 100.0 42.0 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 338 | 31.6 7.5 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,633 | 61.2 25.7 |
| 2 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 130 | 12.1 2.9 | 2 | Malignant neoplasms (C00–C97) | 190 | 7.1 3.0 |
| 3 | Malignant neoplasms (C00–C97) | 102 | 9.5 2.3 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 170 | 6.4 2.7 |
| 4 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 80 | 7.5 1.8 | 4 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 103 | 3.9 1.6 |
| 5 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 37 | 3.5 0.8 | 5 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 77 | 2.9 1.2 |
| 6 | Influenza and pneumonia (J10–J18) | 22 | 2.1 0.5 | 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 63 | 2.4 1.0 |
| 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 19 | 1.8 * | 7 | Septicemia (A40–A41) | 20 | 0.7 0.3 |
| 8 | Septicemia (A40–A41) | 17 | 1.6 * | 8 | Influenza and pneumonia (J10–J18) | 18 | 0.7 * |
| 9 | Acute bronchitis and bronchiolitis (J20–J21) | 12 | 1.1 * | 9 | Diabetes mellitus (E10–E14) | 16 | 0.6 * |
| 9 | Certain conditions originating in the perinatal period (P00–P96) | 12 | 1.1 * | 10 | Chronic lower respiratory diseases (J40–J47) | 15 | 0.6 * |
| ... | All other causes (Residual) | 302 | 28.2 6.7 | ... | All other causes (Residual) | 363 | 13.6 5.7 |
| White, non-Hispanic, female, 5–9 years | | | | White, non-Hispanic, female, 20–24 years | | | |
| ... | All causes | 720 | 100.0 12.3 | ... | All causes | 2,833 | 100.0 45.6 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 238 | 33.1 4.1 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,285 | 45.4 20.7 |
| 2 | Malignant neoplasms (C00–C97) | 149 | 20.7 2.5 | 2 | Malignant neoplasms (C00–C97) | 268 | 9.5 4.3 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 59 | 8.2 1.0 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 254 | 9.0 4.1 |
| 4 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 35 | 4.9 0.6 | 4 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 170 | 6.0 2.7 |
| 5 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 29 | 4.0 0.5 | 5 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 100 | 3.5 1.6 |
| 6 | Influenza and pneumonia (J10–J18) | 15 | 2.1 * | 6 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 74 | 2.6 1.2 |
| 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 11 | 1.5 * | 7 | Chronic lower respiratory diseases (J40–J47) | 31 | 1.1 0.5 |
| 8 | Cerebrovascular diseases (I60–I69) | 10 | 1.4 * | 8 | Diabetes mellitus (E10–E14) | 28 | 1.0 0.5 |
| 9 | Septicemia (A40–A41) | 9 | 1.3 * | 8 | Cerebrovascular diseases (I60–I69) | 28 | 1.0 0.5 |
| 10 | Anemias (D50–D64) | 8 | 1.1 * | 8 | Influenza and pneumonia (J10–J18) | 23 | 0.8 0.4 |
| ... | All other causes (Residual) | 157 | 21.8 2.7 | ... | All other causes (Residual) | 572 | 20.2 9.2 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| White, non-Hispanic, female, 25–34 years | | | | | White, non-Hispanic, female, 55–64 years | | | | |
| ... | All causes | 7,419 | 100.0 | 60.3 | ... | All causes | 76,308 | 100.0 | 710.5 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,071 | 27.9 | 16.8 | 1 | Malignant neoplasms (C00–C97) | 33,599 | 44.0 | 312.8 |
| 2 | Malignant neoplasms (C00–C97) | 1,265 | 17.1 | 10.3 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 14,181 | 18.6 | 132.0 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 744 | 10.0 | 6.1 | 3 | Chronic lower respiratory diseases (J40–J47) | 4,848 | 6.4 | 45.1 |
| 4 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 541 | 7.3 | 4.4 | 4 | Cerebrovascular diseases (I60–I69) | 2,921 | 3.8 | 27.2 |
| 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 317 | 4.3 | 2.6 | 5 | Diabetes mellitus (E10–E14) | 2,588 | 3.4 | 24.1 |
| 6 | Diabetes mellitus (E10–E14) | 151 | 2.0 | 1.2 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,019 | 2.6 | 18.8 |
| 7 | Cerebrovascular diseases (I60–I69) | 149 | 2.0 | 1.2 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1,386 | 1.8 | 12.9 |
| 8 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 136 | 1.8 | 1.1 | 8 | Septicemia (A40–A41) | 1,037 | 1.4 | 9.7 |
| 9 | Influenza and pneumonia (J10–J18) | 96 | 1.3 | 0.8 | 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 933 | 1.2 | 8.7 |
| 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 94 | 1.3 | 0.8 | 10 | Influenza and pneumonia (J10–J18) | 924 | 1.2 | 8.6 |
| ... | All other causes (Residual) | 1,855 | 25.0 | 15.1 | ... | All other causes (Residual) | 11,872 | 15.6 | 110.5 |
| White, non-Hispanic, female, 35–44 years | | | | | White, non-Hispanic, female, 65 years and over | | | | |
| ... | All causes | 21,480 | 100.0 | 138.3 | ... | All causes | 861,014 | 100.0 | 4,994.8 |
| 1 | Malignant neoplasms (C00–C97) | 6,193 | 28.8 | 39.9 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 272,316 | 31.6 | 1,579.7 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 3,485 | 16.2 | 22.4 | 2 | Malignant neoplasms (C00–C97) | 161,604 | 18.8 | 937.5 |
| 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 2,457 | 11.4 | 15.8 | 3 | Cerebrovascular diseases (I60–I69) | 77,855 | 9.0 | 451.6 |
| 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,333 | 6.2 | 8.6 | 4 | Chronic lower respiratory diseases (J40–J47) | 51,840 | 6.0 | 300.7 |
| 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 777 | 3.6 | 5.0 | 5 | Alzheimer's disease (G30) | 37,814 | 4.4 | 219.4 |
| 6 | Cerebrovascular diseases (I60–I69) | 671 | 3.1 | 4.3 | 6 | Influenza and pneumonia (J10–J18) | 29,487 | 3.4 | 171.1 |
| 7 | Diabetes mellitus (E10–E14) | 496 | 2.3 | 3.2 | 7 | Diabetes mellitus (E10–E14) | 22,574 | 2.6 | 131.0 |
| 8 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 394 | 1.8 | 2.5 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 15,238 | 1.8 | 88.4 |
| 9 | Chronic lower respiratory diseases (J40–J47) | 320 | 1.5 | 2.1 | 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 14,197 | 1.6 | 82.4 |
| 10 | Influenza and pneumonia (J10–J18) | 277 | 1.3 | 1.8 | 10 | Septicemia (A40–A41) | 12,291 | 1.4 | 71.3 |
| ... | All other causes (Residual) | 5,077 | 23.6 | 32.7 | ... | All other causes (Residual) | 165,798 | 19.3 | 961.8 |
| White, non-Hispanic, female, 45–54 years | | | | | White, non-Hispanic, female, 65–74 years | | | | |
| ... | All causes | 44,088 | 100.0 | 292.1 | ... | All causes | 147,117 | 100.0 | 1,846.0 |
| 1 | Malignant neoplasms (C00–C97) | 17,910 | 40.6 | 118.7 | 1 | Malignant neoplasms (C00–C97) | 53,214 | 36.2 | 667.7 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 6,432 | 14.6 | 42.6 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 33,263 | 22.6 | 417.4 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 3,114 | 7.1 | 20.6 | 3 | Chronic lower respiratory diseases (J40–J47) | 13,193 | 9.0 | 165.5 |
| 4 | Cerebrovascular diseases (I60–I69) | 1,523 | 3.5 | 10.1 | 4 | Cerebrovascular diseases (I60–I69) | 7,987 | 5.4 | 100.2 |
| 5 | Chronic liver disease and cirrhosis (K70,K73–K74) | 1,353 | 3.1 | 9.0 | 5 | Diabetes mellitus (E10–E14) | 5,296 | 3.6 | 66.5 |
| 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 1,351 | 3.1 | 9.0 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,490 | 1.7 | 31.2 |
| 7 | Diabetes mellitus (E10–E14) | 1,331 | 3.0 | 8.8 | 7 | Influenza and pneumonia (J10–J18) | 2,369 | 1.6 | 29.7 |
| 8 | Chronic lower respiratory diseases (J40–J47) | 1,303 | 3.0 | 8.6 | 8 | Septicemia (A40–A41) | 2,273 | 1.5 | 28.5 |
| 9 | Septicemia (A40–A41) | 594 | 1.3 | 3.9 | 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 2,176 | 1.5 | 27.3 |
| 10 | Influenza and pneumonia (J10–J18) | 561 | 1.3 | 3.7 | 10 | Alzheimer's disease (G30) | 1,796 | 1.2 | 22.5 |
| ... | All other causes (Residual) | 8,616 | 19.5 | 57.1 | ... | All other causes (Residual) | 23,060 | 15.7 | 289.3 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| White, non-Hispanic, female, 75–84 years | | | | | Black, non-Hispanic, both sexes, 1–4 years | | | | |
| ... | All causes | 310,668 | 100.0 | 4,787.9 | ... | All causes | 1,163 | 100.0 | 48.4 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 89,359 | 28.8 | 1,377.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 350 | 30.1 | 14.6 |
| 2 | Malignant neoplasms (C00–C97) | 69,318 | 22.3 | 1,068.3 | 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 156 | 13.4 | 6.5 |
| 3 | Cerebrovascular diseases (I60–I69) | 27,146 | 8.7 | 418.4 | 3 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 113 | 9.7 | 4.7 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 23,083 | 7.4 | 355.7 | 4 | Malignant neoplasms (C00–C97) | 71 | 6.1 | 3.0 |
| 5 | Alzheimer's disease (G30) | 11,683 | 3.8 | 180.1 | 5 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 40 | 3.4 | 1.7 |
| 6 | Diabetes mellitus (E10–E14) | 9,541 | 3.1 | 147.0 | 5 | Influenza and pneumonia (J10–J18) | 40 | 3.4 | 1.7 |
| 7 | Influenza and pneumonia (J10–J18) | 8,599 | 2.8 | 132.5 | 7 | Chronic lower respiratory diseases (J40–J47) | 29 | 2.5 | 1.2 |
| 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 5,511 | 1.8 | 84.9 | 8 | Certain conditions originating in the perinatal period (P00–P96) | 26 | 2.2 | 1.1 |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 5,423 | 1.7 | 83.6 | 9 | Septicemia (A40–A41) | 17 | 1.5 | * |
| 10 | Septicemia (A40–A41) | 4,800 | 1.5 | 74.0 | 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 14 | 1.2 | * |
| ... | All other causes (Residual) | 56,205 | 18.1 | 866.2 | ... | All other causes (Residual) | 307 | 26.4 | 12.8 |
| White, non-Hispanic, female, 85 years and over | | | | | Black, non-Hispanic, both sexes, 5–9 years | | | | |
| ... | All causes | 403,229 | 100.0 | 14,504.3 | ... | All causes | 686 | 100.0 | 22.0 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 149,694 | 37.1 | 5,384.5 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 298 | 43.4 | 9.6 |
| 2 | Cerebrovascular diseases (I60–I69) | 42,722 | 10.6 | 1,536.7 | 2 | Malignant neoplasms (C00–C97) | 81 | 11.8 | 2.6 |
| 3 | Malignant neoplasms (C00–C97) | 39,072 | 9.7 | 1,405.4 | 3 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 45 | 6.6 | 1.4 |
| 4 | Alzheimer's disease (G30) | 24,335 | 6.0 | 875.3 | 4 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 38 | 5.5 | 1.2 |
| 5 | Influenza and pneumonia (J10–J18) | 18,519 | 4.6 | 666.1 | 5 | Chronic lower respiratory diseases (J40–J47) | 21 | 3.1 | 0.7 |
| 6 | Chronic lower respiratory diseases (J40–J47) | 15,564 | 3.9 | 559.8 | 6 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 19 | 2.8 | * |
| 7 | Diabetes mellitus (E10–E14) | 7,737 | 1.9 | 278.3 | 7 | Anemias (D50–D64) | 12 | 1.7 | * |
| 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 7,237 | 1.8 | 260.3 | 8 | Septicemia (A40–A41) | 7 | 1.0 | * |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 6,598 | 1.6 | 237.3 | 8 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 7 | 1.0 | * |
| 10 | Septicemia (A40–A41) | 5,218 | 1.3 | 187.7 | 8 | Cerebrovascular diseases (I60–I69) | 7 | 1.0 | * |
| ... | All other causes (Residual) | 86,533 | 21.5 | 3,112.6 | ... | All other causes (Residual) | 144 | 21.0 | 4.6 |
| Black, non-Hispanic, both sexes, all ages ³ | | | | | Black, non-Hispanic, both sexes, 10–14 years | | | | |
| ... | All causes | 286,573 | 100.0 | 792.8 | ... | All causes | 948 | 100.0 | 28.3 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 76,694 | 26.8 | 212.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 309 | 32.6 | 9.2 |
| 2 | Malignant neoplasms (C00–C97) | 61,996 | 21.6 | 171.5 | 2 | Malignant neoplasms (C00–C97) | 87 | 9.2 | 2.6 |
| 3 | Cerebrovascular diseases (I60–I69) | 18,691 | 6.5 | 51.7 | 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 87 | 9.2 | 2.6 |
| 4 | Diabetes mellitus (E10–E14) | 12,583 | 4.4 | 34.8 | 4 | Chronic lower respiratory diseases (J40–J47) | 53 | 5.6 | 1.6 |
| 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 12,285 | 4.3 | 34.0 | 5 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 46 | 4.9 | 1.4 |
| 6 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 8,147 | 2.8 | 22.5 | 6 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 43 | 4.5 | 1.3 |
| 7 | Chronic lower respiratory diseases (J40–J47) | 7,730 | 2.7 | 21.4 | 7 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 34 | 3.6 | 1.0 |
| 8 | Human immunodeficiency virus (HIV) disease (B20–B24) | 7,714 | 2.7 | 21.3 | 8 | Cerebrovascular diseases (I60–I69) | 16 | 1.7 | * |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 7,410 | 2.6 | 20.5 | 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 15 | 1.6 | * |
| 10 | Septicemia (A40–A41) | 6,074 | 2.1 | 16.8 | 10 | Anemias (D50–D64) | 14 | 1.5 | * |
| ... | All other causes (Residual) | 67,249 | 23.5 | 186.1 | ... | All other causes (Residual) | 244 | 25.7 | 7.3 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths Rate ² | | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths Rate ² | |
|--|---|---------------------|--|-------|--|---|---------------------|--|---------|
| Black, non-Hispanic, both sexes, 15–19 years | | | | | Black, non-Hispanic, both sexes, 35–44 years | | | | |
| ... | All causes | 2,542 | 100.0 | 83.8 | ... | All causes | 19,955 | 100.0 | 357.8 |
| 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 967 | 38.0 | 31.9 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 3,312 | 16.6 | 59.4 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 740 | 29.1 | 24.4 | 2 | Human immunodeficiency virus (HIV) disease (B20–B24) | 3,011 | 15.1 | 54.0 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 122 | 4.8 | 4.0 | 3 | Malignant neoplasms (C00–C97) | 2,870 | 14.4 | 51.5 |
| 4 | Malignant neoplasms (C00–C97) | 110 | 4.3 | 3.6 | 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,227 | 11.2 | 39.9 |
| 5 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 105 | 4.1 | 3.5 | 5 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 1,357 | 6.8 | 24.3 |
| 6 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 52 | 2.0 | 1.7 | 6 | Cerebrovascular diseases (I60–I69) | 741 | 3.7 | 13.3 |
| 7 | Chronic lower respiratory diseases (J40–J47) | 43 | 1.7 | 1.4 | 7 | Diabetes mellitus (E10–E14) | 554 | 2.8 | 9.9 |
| 8 | Anemias (D50–D64) | 27 | 1.1 | 0.9 | 8 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 432 | 2.2 | 7.7 |
| 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 25 | 1.0 | 0.8 | 9 | Chronic liver disease and cirrhosis (K70,K73–K74) | 313 | 1.6 | 5.6 |
| 10 | Influenza and pneumonia (J10–J18) | 18 | 0.7 | * | 10 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 306 | 1.5 | 5.5 |
| ... | All other causes (Residual) | 333 | 13.1 | 11.0 | ... | All other causes (Residual) | 4,832 | 24.2 | 86.6 |
| Black, non-Hispanic, both sexes, 20–24 years | | | | | Black, non-Hispanic, both sexes, 45–54 years | | | | |
| ... | All causes | 4,362 | 100.0 | 151.7 | ... | All causes | 35,211 | 100.0 | 782.0 |
| 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 1,887 | 43.3 | 65.6 | 1 | Malignant neoplasms (C00–C97) | 8,376 | 23.8 | 186.0 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 940 | 21.5 | 32.7 | 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 8,318 | 23.6 | 184.7 |
| 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 270 | 6.2 | 9.4 | 3 | Human immunodeficiency virus (HIV) disease (B20–B24) | 2,469 | 7.0 | 54.8 |
| 4 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 194 | 4.4 | 6.7 | 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 2,145 | 6.1 | 47.6 |
| 5 | Malignant neoplasms (C00–C97) | 132 | 3.0 | 4.6 | 5 | Cerebrovascular diseases (I60–I69) | 1,874 | 5.3 | 41.6 |
| 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 99 | 2.3 | 3.4 | 6 | Diabetes mellitus (E10–E14) | 1,393 | 4.0 | 30.9 |
| 7 | Anemias (D50–D64) | 51 | 1.2 | 1.8 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 956 | 2.7 | 21.2 |
| 8 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 46 | 1.1 | 1.6 | 8 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 745 | 2.1 | 16.5 |
| 9 | Diabetes mellitus (E10–E14) | 41 | 0.9 | 1.4 | 9 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 710 | 2.0 | 15.8 |
| 10 | Chronic lower respiratory diseases (J40–J47) | 35 | 0.8 | 1.2 | 10 | Septicemia (A40–A41) | 593 | 1.7 | 13.2 |
| ... | All other causes (Residual) | 667 | 15.3 | 23.2 | ... | All other causes (Residual) | 7,632 | 21.7 | 169.5 |
| Black, non-Hispanic, both sexes, 25–34 years | | | | | Black, non-Hispanic, both sexes, 55–64 years | | | | |
| ... | All causes | 10,009 | 100.0 | 193.9 | ... | All causes | 40,878 | 100.0 | 1,592.9 |
| 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 2,425 | 24.2 | 47.0 | 1 | Malignant neoplasms (C00–C97) | 12,693 | 31.1 | 494.6 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,676 | 16.7 | 32.5 | 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 11,554 | 28.3 | 450.2 |
| 3 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,110 | 11.1 | 21.5 | 3 | Cerebrovascular diseases (I60–I69) | 2,303 | 5.6 | 89.7 |
| 4 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 993 | 9.9 | 19.2 | 4 | Diabetes mellitus (E10–E14) | 2,204 | 5.4 | 85.9 |
| 5 | Malignant neoplasms (C00–C97) | 663 | 6.6 | 12.8 | 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,075 | 2.6 | 41.9 |
| 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 497 | 5.0 | 9.6 | 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 1,072 | 2.6 | 41.8 |
| 7 | Diabetes mellitus (E10–E14) | 194 | 1.9 | 3.8 | 7 | Chronic lower respiratory diseases (J40–J47) | 1,067 | 2.6 | 41.6 |
| 8 | Cerebrovascular diseases (I60–I69) | 166 | 1.7 | 3.2 | 8 | Septicemia (A40–A41) | 868 | 2.1 | 33.8 |
| 9 | Anemias (D50–D64) | 127 | 1.3 | 2.5 | 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 675 | 1.7 | 26.3 |
| 10 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 108 | 1.1 | 2.1 | 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 649 | 1.6 | 25.3 |
| ... | All other causes (Residual) | 2,050 | 20.5 | 39.7 | ... | All other causes (Residual) | 6,718 | 16.4 | 261.8 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| Black, non-Hispanic, both sexes, 65 years and over | | | | | Black, non-Hispanic, both sexes, 85 years and over | | | | |
| ... | All causes | 162,496 | 100.0 | 5,563.3 | ... | All causes | 47,565 | 100.0 | 14,386.7 |
| 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 51,961 | 32.0 | 1,779.0 | 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 17,030 | 35.8 | 5,151.0 |
| 2 | Malignant neoplasms (C00-C97) | 36,898 | 22.7 | 1,263.3 | 2 | Malignant neoplasms (C00-C97) | 6,296 | 13.2 | 1,904.3 |
| 3 | Cerebrovascular diseases (I60-I69) | 13,499 | 8.3 | 462.2 | 3 | Cerebrovascular diseases (I60-I69) | 4,622 | 9.7 | 1,398.0 |
| 4 | Diabetes mellitus (E10-E14) | 8,166 | 5.0 | 279.6 | 4 | Influenza and pneumonia (J10-J18) | 1,917 | 4.0 | 579.8 |
| 5 | Chronic lower respiratory diseases (J40-J47) | 5,484 | 3.4 | 187.8 | 5 | Alzheimer's disease (G30) | 1,814 | 3.8 | 548.7 |
| 6 | Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 5,079 | 3.1 | 173.9 | 6 | Diabetes mellitus (E10-E14) | 1,801 | 3.8 | 544.7 |
| 7 | Influenza and pneumonia (J10-J18) | 4,338 | 2.7 | 148.5 | 7 | Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 1,468 | 3.1 | 444.0 |
| 8 | Septicemia (A40-A41) | 4,110 | 2.5 | 140.7 | 8 | Septicemia (A40-A41) | 1,226 | 2.6 | 370.8 |
| 9 | Alzheimer's disease (G30) | 3,264 | 2.0 | 111.7 | 8 | Chronic lower respiratory diseases (J40-J47) | 1,226 | 2.6 | 370.8 |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 2,961 | 1.8 | 101.4 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 1,033 | 2.2 | 312.4 |
| ... | All other causes (Residual) | 26,736 | 16.5 | 915.3 | ... | All other causes (Residual) | 9,132 | 19.2 | 2,762.1 |
| Black, non-Hispanic, both sexes, 65-74 years | | | | | Black, non-Hispanic, male, all ages ³ | | | | |
| ... | All causes | 52,748 | 100.0 | 3,204.8 | ... | All causes | 144,802 | 100.0 | 842.3 |
| 1 | Malignant neoplasms (C00-C97) | 16,084 | 30.5 | 977.2 | 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 36,596 | 25.3 | 212.9 |
| 2 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 15,411 | 29.2 | 936.3 | 2 | Malignant neoplasms (C00-C97) | 32,287 | 22.3 | 187.8 |
| 3 | Cerebrovascular diseases (I60-I69) | 3,600 | 6.8 | 218.7 | 3 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 8,428 | 5.8 | 49.0 |
| 4 | Diabetes mellitus (E10-E14) | 3,152 | 6.0 | 191.5 | 4 | Cerebrovascular diseases (I60-I69) | 7,754 | 5.4 | 45.1 |
| 5 | Chronic lower respiratory diseases (J40-J47) | 1,892 | 3.6 | 115.0 | 5 | Assault (homicide) (*U01-*U02,X85-Y09,Y87.1) | 6,780 | 4.7 | 39.4 |
| 6 | Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 1,670 | 3.2 | 101.5 | 6 | Human immunodeficiency virus (HIV) disease (B20-B24) | 5,203 | 3.6 | 30.3 |
| 7 | Septicemia (A40-A41) | 1,251 | 2.4 | 76.0 | 7 | Diabetes mellitus (E10-E14) | 5,158 | 3.6 | 30.0 |
| 8 | Influenza and pneumonia (J10-J18) | 837 | 1.6 | 50.9 | 8 | Chronic lower respiratory diseases (J40-J47) | 4,282 | 3.0 | 24.9 |
| 9 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 818 | 1.6 | 49.7 | 9 | Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 3,389 | 2.3 | 19.7 |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 795 | 1.5 | 48.3 | 10 | Influenza and pneumonia (J10-J18) | 2,734 | 1.9 | 15.9 |
| ... | All other causes (Residual) | 7,238 | 13.7 | 439.8 | ... | All other causes (Residual) | 32,191 | 22.2 | 187.2 |
| Black, non-Hispanic, both sexes, 75-84 years | | | | | Black, non-Hispanic, male, 1-4 years | | | | |
| ... | All causes | 62,183 | 100.0 | 6,584.8 | ... | All causes | 681 | 100.0 | 55.8 |
| 1 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 19,520 | 31.4 | 2,067.0 | 1 | Accidents (unintentional injuries) (V01-X59,Y85-Y86) | 231 | 33.9 | 18.9 |
| 2 | Malignant neoplasms (C00-C97) | 14,518 | 23.3 | 1,537.4 | 2 | Assault (homicide) (*U01-*U02,X85-Y09,Y87.1) | 89 | 13.1 | 7.3 |
| 3 | Cerebrovascular diseases (I60-I69) | 5,277 | 8.5 | 558.8 | 3 | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 58 | 8.5 | 4.8 |
| 4 | Diabetes mellitus (E10-E14) | 3,213 | 5.2 | 340.2 | 4 | Malignant neoplasms (C00-C97) | 33 | 4.8 | 2.7 |
| 5 | Chronic lower respiratory diseases (J40-J47) | 2,366 | 3.8 | 250.5 | 5 | Influenza and pneumonia (J10-J18) | 22 | 3.2 | 1.8 |
| 6 | Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27) | 1,941 | 3.1 | 205.5 | 6 | Chronic lower respiratory diseases (J40-J47) | 20 | 2.9 | 1.6 |
| 7 | Septicemia (A40-A41) | 1,633 | 2.6 | 172.9 | 7 | Diseases of heart . . (I00-I09,I11,I13,I20-I51) | 18 | 2.6 | * |
| 8 | Influenza and pneumonia (J10-J18) | 1,584 | 2.5 | 167.7 | 7 | Certain conditions originating in the perinatal period (P00-P96) | 18 | 2.6 | * |
| 9 | Alzheimer's disease (G30) | 1,173 | 1.9 | 124.2 | 9 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48) | 8 | 1.2 | * |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 1,133 | 1.8 | 120.0 | 10 | Cerebrovascular diseases (I60-I69) | 6 | 0.9 | * |
| ... | All other causes (Residual) | 9,825 | 15.8 | 1,040.4 | ... | All other causes (Residual) | 178 | 26.1 | 14.6 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| Black, non-Hispanic, male, 5–9 years | | | | | Black, non-Hispanic, male, 15–19 years | | | | |
| ... | All causes | 392 | 100.0 | 24.8 | ... | All causes | 1,914 | 100.0 | 124.1 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 180 | 45.9 | 11.4 | 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 845 | 44.1 | 54.8 |
| 2 | Malignant neoplasms (C00–C97) | 52 | 13.3 | 3.3 | 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 541 | 28.3 | 35.1 |
| 3 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 24 | 6.1 | 1.5 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 107 | 5.6 | 6.9 |
| 4 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 22 | 5.6 | 1.4 | 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 68 | 3.6 | 4.4 |
| 5 | Chronic lower respiratory diseases (J40–J47) | 11 | 2.8 | * | 5 | Malignant neoplasms (C00–C97) | 64 | 3.3 | 4.2 |
| 6 | Anemias (D50–D64) | 7 | 1.8 | * | 6 | Chronic lower respiratory diseases (J40–J47) | 36 | 1.9 | 2.3 |
| 7 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 6 | 1.5 | * | 7 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 33 | 1.7 | 2.1 |
| 7 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 6 | 1.5 | * | 8 | Anemias (D50–D64) | 16 | 0.8 | * |
| 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 4 | 1.0 | * | 9 | Human immunodeficiency virus (HIV) disease (B20–B24) | 11 | 0.6 | * |
| 9 | Cerebrovascular diseases (I60–I69) | 4 | 1.0 | * | 10 | Cerebrovascular diseases (I60–I69) | 10 | 0.5 | * |
| 9 | Influenza and pneumonia (J10–J18) | 4 | 1.0 | * | 10 | Legal intervention (Y35,Y89.0) | 10 | 0.5 | * |
| 9 | Complications of medical and surgical care (Y40–Y84,Y88) | 4 | 1.0 | * | ... | All other causes (Residual) | 173 | 9.0 | 11.2 |
| ... | All other causes (Residual) | 68 | 17.3 | 4.3 | Black, non-Hispanic, male, 20–24 years | | | | |
| Black, non-Hispanic, male, 10–14 years | | | | | ... | All causes | 3,334 | 100.0 | 235.3 |
| ... | All causes | 585 | 100.0 | 34.4 | 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 1,695 | 50.8 | 119.6 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 211 | 36.1 | 12.4 | 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 719 | 21.6 | 50.7 |
| 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 60 | 10.3 | 3.5 | 3 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 235 | 7.0 | 16.6 |
| 3 | Malignant neoplasms (C00–C97) | 51 | 8.7 | 3.0 | 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 117 | 3.5 | 8.3 |
| 4 | Chronic lower respiratory diseases (J40–J47) | 28 | 4.8 | 1.6 | 5 | Malignant neoplasms (C00–C97) | 73 | 2.2 | 5.2 |
| 4 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 28 | 4.8 | 1.6 | 6 | Human immunodeficiency virus (HIV) disease (B20–B24) | 49 | 1.5 | 3.5 |
| 6 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 27 | 4.6 | 1.6 | 7 | Anemias (D50–D64) | 33 | 1.0 | 2.3 |
| 7 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 25 | 4.3 | 1.5 | 8 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 26 | 0.8 | 1.8 |
| 8 | Cerebrovascular diseases (I60–I69) | 11 | 1.9 | * | 8 | Legal intervention (Y35,Y89.0) | 26 | 0.8 | 1.8 |
| 9 | Anemias (D50–D64) | 7 | 1.2 | * | 10 | Diabetes mellitus (E10–E14) | 25 | 0.7 | 1.8 |
| 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 6 | 1.0 | * | ... | All other causes (Residual) | 336 | 10.1 | 23.7 |
| 10 | Influenza and pneumonia (J10–J18) | 6 | 1.0 | * | Black, non-Hispanic, male, 25–34 years | | | | |
| 10 | Complications of medical and surgical care (Y40–Y84,Y88) | 6 | 1.0 | * | ... | All causes | 6,723 | 100.0 | 274.3 |
| ... | All other causes (Residual) | 119 | 20.3 | 7.0 | 1 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 2,092 | 31.1 | 85.3 |
| See footnotes at end of table. | | | | | 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,279 | 19.0 | 52.2 |
| | | | | | 3 | Human immunodeficiency virus (HIV) disease (B20–B24) | 624 | 9.3 | 25.5 |
| | | | | | 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 612 | 9.1 | 25.0 |
| | | | | | 5 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 441 | 6.6 | 18.0 |
| | | | | | 6 | Malignant neoplasms (C00–C97) | 287 | 4.3 | 11.7 |
| | | | | | 7 | Diabetes mellitus (E10–E14) | 112 | 1.7 | 4.6 |
| | | | | | 8 | Anemias (D50–D64) | 72 | 1.1 | 2.9 |
| | | | | | 8 | Cerebrovascular diseases (I60–I69) | 72 | 1.1 | 2.9 |
| | | | | | 10 | Chronic lower respiratory diseases (J40–J47) | 56 | 0.8 | 2.3 |
| | | | | | ... | All other causes (Residual) | 1,076 | 16.0 | 43.9 |

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| Black, non-Hispanic, male, 35–44 years | | | | | Black, non-Hispanic, male, 65 years and over | | | | |
| ... | All causes | 11,661 | 100.0 | 445.7 | ... | All causes | 70,418 | 100.0 | 6,312.0 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 2,031 | 17.4 | 77.6 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 21,393 | 30.4 | 1,917.6 |
| 2 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,978 | 17.0 | 75.6 | 2 | Malignant neoplasms (C00–C97) | 19,254 | 27.3 | 1,725.8 |
| 3 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,562 | 13.4 | 59.7 | 3 | Cerebrovascular diseases (I60–I69) | 5,015 | 7.1 | 449.5 |
| 4 | Malignant neoplasms (C00–C97) | 1,158 | 9.9 | 44.3 | 4 | Chronic lower respiratory diseases (J40–J47) | 3,040 | 4.3 | 272.5 |
| 5 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 1,042 | 8.9 | 39.8 | 5 | Diabetes mellitus (E10–E14) | 2,842 | 4.0 | 254.7 |
| 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 345 | 3.0 | 13.2 | 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 2,123 | 3.0 | 190.3 |
| 7 | Cerebrovascular diseases (I60–I69) | 331 | 2.8 | 12.7 | 7 | Influenza and pneumonia (J10–J18) | 1,879 | 2.7 | 168.4 |
| 8 | Diabetes mellitus (E10–E14) | 316 | 2.7 | 12.1 | 8 | Septicemia (A40–A41) | 1,692 | 2.4 | 151.7 |
| 9 | Chronic liver disease and cirrhosis (K70,K73–K74) | 180 | 1.5 | 6.9 | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,215 | 1.7 | 108.9 |
| 10 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 161 | 1.4 | 6.2 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 1,054 | 1.5 | 94.5 |
| ... | All other causes (Residual) | 2,557 | 21.9 | 97.7 | ... | All other causes (Residual) | 10,911 | 15.5 | 978.0 |
| Black, non-Hispanic, male, 45–54 years | | | | | Black, non-Hispanic, male, 65–74 years | | | | |
| ... | All causes | 20,839 | 100.0 | 1,002.9 | ... | All causes | 27,859 | 100.0 | 4,078.9 |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 5,214 | 25.0 | 250.9 | 1 | Malignant neoplasms (C00–C97) | 8,835 | 31.7 | 1,293.5 |
| 2 | Malignant neoplasms (C00–C97) | 4,203 | 20.2 | 202.3 | 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 8,247 | 29.6 | 1,207.5 |
| 3 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,791 | 8.6 | 86.2 | 3 | Cerebrovascular diseases (I60–I69) | 1,826 | 6.6 | 267.3 |
| 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 1,523 | 7.3 | 73.3 | 4 | Diabetes mellitus (E10–E14) | 1,320 | 4.7 | 193.3 |
| 5 | Cerebrovascular diseases (I60–I69) | 986 | 4.7 | 47.5 | 5 | Chronic lower respiratory diseases (J40–J47) | 1,093 | 3.9 | 160.0 |
| 6 | Diabetes mellitus (E10–E14) | 744 | 3.6 | 35.8 | 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 794 | 2.9 | 116.3 |
| 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 637 | 3.1 | 30.7 | 7 | Septicemia (A40–A41) | 598 | 2.1 | 87.6 |
| 8 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 572 | 2.7 | 27.5 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 527 | 1.9 | 77.2 |
| 9 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 428 | 2.1 | 20.6 | 9 | Influenza and pneumonia (J10–J18) | 454 | 1.6 | 66.5 |
| 10 | Septicemia (A40–A41) | 312 | 1.5 | 15.0 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 359 | 1.3 | 52.6 |
| ... | All other causes (Residual) | 4,429 | 21.3 | 213.2 | ... | All other causes (Residual) | 3,806 | 13.7 | 557.2 |
| Black, non-Hispanic, male, 55–64 years | | | | | Black, non-Hispanic, male, 75–84 years | | | | |
| ... | All causes | 23,706 | 100.0 | 2,074.5 | ... | All causes | 28,137 | 100.0 | 8,246.2 |
| 1 | Malignant neoplasms (C00–C97) | 7,106 | 30.0 | 621.8 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 8,428 | 30.0 | 2,470.0 |
| 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 7,028 | 29.6 | 615.0 | 2 | Malignant neoplasms (C00–C97) | 7,669 | 27.3 | 2,247.6 |
| 3 | Cerebrovascular diseases (I60–I69) | 1,288 | 5.4 | 112.7 | 3 | Cerebrovascular diseases (I60–I69) | 2,031 | 7.2 | 595.2 |
| 4 | Diabetes mellitus (E10–E14) | 1,104 | 4.7 | 96.6 | 4 | Chronic lower respiratory diseases (J40–J47) | 1,350 | 4.8 | 395.7 |
| 5 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 791 | 3.3 | 69.2 | 5 | Diabetes mellitus (E10–E14) | 1,135 | 4.0 | 332.6 |
| 6 | Chronic lower respiratory diseases (J40–J47) | 607 | 2.6 | 53.1 | 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 809 | 2.9 | 237.1 |
| 7 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 573 | 2.4 | 50.1 | 7 | Influenza and pneumonia (J10–J18) | 789 | 2.8 | 231.2 |
| 8 | Human immunodeficiency virus (HIV) disease (B20–B24) | 512 | 2.2 | 44.8 | 8 | Septicemia (A40–A41) | 729 | 2.6 | 213.7 |
| 9 | Chronic liver disease and cirrhosis (K70,K73–K74) | 436 | 1.8 | 38.2 | 9 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 448 | 1.6 | 131.3 |
| 10 | Septicemia (A40–A41) | 418 | 1.8 | 36.6 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 442 | 1.6 | 129.5 |
| ... | All other causes (Residual) | 3,843 | 16.2 | 336.3 | ... | All other causes (Residual) | 4,307 | 15.3 | 1,262.3 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| Black, non-Hispanic, male, 85 years and over | | | | | Black, non-Hispanic, female, 5–9 years | | | | |
| ... | All causes | 14,422 | 100.0 | 15,776.9 | ... | All causes | 294 | 100.0 | 19.2 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 4,718 | 32.7 | 5,161.2 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 118 | 40.1 | 7.7 |
| 2 | Malignant neoplasms (C00–C97) | 2,750 | 19.1 | 3,008.4 | 2 | Malignant neoplasms (C00–C97) | 29 | 9.9 | 1.9 |
| 3 | Cerebrovascular diseases (I60–I69) | 1,158 | 8.0 | 1,266.8 | 3 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 21 | 7.1 | 1.4 |
| 4 | Influenza and pneumonia (J10–J18) | 636 | 4.4 | 695.8 | 4 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 16 | 5.4 | * |
| 5 | Chronic lower respiratory diseases (J40–J47) | 597 | 4.1 | 653.1 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 13 | 4.4 | * |
| 6 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 520 | 3.6 | 568.9 | 6 | Chronic lower respiratory diseases (J40–J47) | 10 | 3.4 | * |
| 7 | Diabetes mellitus (E10–E14) | 387 | 2.7 | 423.4 | 7 | Anemias (D50–D64) | 5 | 1.7 | * |
| 8 | Alzheimer's disease (G30) | 379 | 2.6 | 414.6 | 8 | Septicemia (A40–A41) | 4 | 1.4 | * |
| 9 | Septicemia (A40–A41) | 365 | 2.5 | 399.3 | 9 | Cerebrovascular diseases (I60–I69) | 3 | 1.0 | * |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 253 | 1.8 | 276.8 | 9 | Influenza and pneumonia (J10–J18) | 3 | 1.0 | * |
| ... | All other causes (Residual) | 2,659 | 18.4 | 2,908.8 | 9 | All other causes (Residual) | 72 | 24.5 | 4.7 |
| Black, non-Hispanic, female, all ages ³ | | | | | Black, non-Hispanic, female, 10–14 years | | | | |
| ... | All causes | 141,771 | 100.0 | 748.0 | ... | All causes | 363 | 100.0 | 22.0 |
| 1 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 40,098 | 28.3 | 211.6 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 98 | 27.0 | 5.9 |
| 2 | Malignant neoplasms (C00–C97) | 29,709 | 21.0 | 156.7 | 2 | Malignant neoplasms (C00–C97) | 36 | 9.9 | 2.2 |
| 3 | Cerebrovascular diseases (I60–I69) | 10,937 | 7.7 | 57.7 | 3 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 27 | 7.4 | 1.6 |
| 4 | Diabetes mellitus (E10–E14) | 7,425 | 5.2 | 39.2 | 4 | Chronic lower respiratory diseases (J40–J47) | 25 | 6.9 | 1.5 |
| 5 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 4,021 | 2.8 | 21.2 | 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 19 | 5.2 | * |
| 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 3,857 | 2.7 | 20.3 | 6 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 18 | 5.0 | * |
| 7 | Chronic lower respiratory diseases (J40–J47) | 3,448 | 2.4 | 18.2 | 7 | Septicemia (A40–A41) | 9 | 2.5 | * |
| 8 | Septicemia (A40–A41) | 3,406 | 2.4 | 18.0 | 7 | Human immunodeficiency virus (HIV) disease (B20–B24) | 9 | 2.5 | * |
| 9 | Influenza and pneumonia (J10–J18) | 3,069 | 2.2 | 16.2 | 9 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 8 | 2.2 | * |
| 10 | Human immunodeficiency virus (HIV) disease (B20–B24) | 2,511 | 1.8 | 13.2 | 9 | Diabetes mellitus (E10–E14) | 8 | 2.2 | * |
| ... | All other causes (Residual) | 33,290 | 23.5 | 175.6 | ... | All other causes (Residual) | 106 | 29.2 | 6.4 |
| Black, non-Hispanic, female, 1–4 years | | | | | Black, non-Hispanic, female, 15–19 years | | | | |
| ... | All causes | 482 | 100.0 | 40.8 | ... | All causes | 628 | 100.0 | 42.1 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 119 | 24.7 | 10.1 | 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 199 | 31.7 | 13.3 |
| 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 67 | 13.9 | 5.7 | 2 | Assault (homicide) . . . (*U01–*U02,X85–Y09,Y87.1) | 122 | 19.4 | 8.2 |
| 3 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 55 | 11.4 | 4.7 | 3 | Malignant neoplasms (C00–C97) | 46 | 7.3 | 3.1 |
| 4 | Malignant neoplasms (C00–C97) | 38 | 7.9 | 3.2 | 4 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 37 | 5.9 | 2.5 |
| 5 | Diseases of heart . . (I00–I09,I11,I13,I20–I51) | 22 | 4.6 | 1.9 | 5 | Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99) | 19 | 3.0 | * |
| 6 | Influenza and pneumonia (J10–J18) | 18 | 3.7 | * | 6 | Pregnancy, childbirth and the puerperium (O00–O99) | 16 | 2.5 | * |
| 7 | Septicemia (A40–A41) | 12 | 2.5 | * | 7 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 15 | 2.4 | * |
| 8 | Chronic lower respiratory diseases (J40–J47) | 9 | 1.9 | * | 8 | Human immunodeficiency virus (HIV) disease (B20–B24) | 14 | 2.2 | * |
| 9 | Certain conditions originating in the perinatal period (P00–P96) | 8 | 1.7 | * | 9 | Anemias (D50–D64) | 11 | 1.8 | * |
| 10 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48) | 6 | 1.2 | * | 10 | Influenza and pneumonia (J10–J18) | 10 | 1.6 | * |
| ... | All other causes (Residual) | 128 | 26.6 | 10.8 | ... | All other causes (Residual) | 139 | 22.1 | 9.3 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| Black, non-Hispanic, female, 20–24 years | | | | | Black, non-Hispanic, female, 45–54 years | | | | |
| ... | All causes | 1,028 | 100.0 | 70.5 | ... | All causes | 14,372 | 100.0 | 592.7 |
| 1 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 221 | 21.5 | 15.2 | 1 | Malignant neoplasms (C00–C97) | 4,173 | 29.0 | 172.1 |
| 2 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 192 | 18.7 | 13.2 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 3,104 | 21.6 | 128.0 |
| 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 77 | 7.5 | 5.3 | 3 | Cerebrovascular diseases (I60–I69) | 888 | 6.2 | 36.6 |
| 4 | Malignant neoplasms (C00–C97) | 59 | 5.7 | 4.0 | 4 | Human immunodeficiency virus (HIV) disease (B20–B24) | 678 | 4.7 | 28.0 |
| 5 | Human immunodeficiency virus (HIV) disease (B20–B24) | 50 | 4.9 | 3.4 | 5 | Diabetes mellitus (E10–E14) | 649 | 4.5 | 26.8 |
| 6 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 35 | 3.4 | 2.4 | 6 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 622 | 4.3 | 25.6 |
| 7 | Pregnancy, childbirth and the puerperium (O00–O99) | 29 | 2.8 | 2.0 | 7 | Chronic liver disease and cirrhosis (K70,K73–K74) | 319 | 2.2 | 13.2 |
| 8 | Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99) | 20 | 1.9 | 1.4 | 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 317 | 2.2 | 13.1 |
| 9 | Anemias (D50–D64) | 18 | 1.8 | * | 9 | Chronic lower respiratory diseases (J40–J47) | 285 | 2.0 | 11.8 |
| 10 | Diabetes mellitus (E10–E14) | 16 | 1.6 | * | 10 | Septicemia (A40–A41) | 281 | 2.0 | 11.6 |
| ... | All other causes (Residual) | 311 | 30.3 | 21.3 | ... | All other causes (Residual) | 3,056 | 21.3 | 126.0 |
| Black, non-Hispanic, female, 25–34 years | | | | | Black, non-Hispanic, female, 55–64 years | | | | |
| ... | All causes | 3,286 | 100.0 | 121.3 | ... | All causes | 17,172 | 100.0 | 1,206.3 |
| 1 | Human immunodeficiency virus (HIV) disease (B20–B24) | 486 | 14.8 | 17.9 | 1 | Malignant neoplasms (C00–C97) | 5,587 | 32.5 | 392.5 |
| 2 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 397 | 12.1 | 14.7 | 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 4,526 | 26.4 | 317.9 |
| 3 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 381 | 11.6 | 14.1 | 3 | Diabetes mellitus (E10–E14) | 1,100 | 6.4 | 77.3 |
| 4 | Malignant neoplasms (C00–C97) | 376 | 11.4 | 13.9 | 4 | Cerebrovascular diseases (I60–I69) | 1,015 | 5.9 | 71.3 |
| 5 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 333 | 10.1 | 12.3 | 5 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 499 | 2.9 | 35.1 |
| 6 | Cerebrovascular diseases (I60–I69) | 94 | 2.9 | 3.5 | 6 | Chronic lower respiratory diseases (J40–J47) | 460 | 2.7 | 32.3 |
| 7 | Diabetes mellitus (E10–E14) | 82 | 2.5 | 3.0 | 7 | Septicemia (A40–A41) | 450 | 2.6 | 31.6 |
| 8 | Pregnancy, childbirth and the puerperium (O00–O99) | 64 | 1.9 | 2.4 | 8 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 284 | 1.7 | 20.0 |
| 9 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 59 | 1.8 | 2.2 | 9 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 276 | 1.6 | 19.4 |
| 10 | Intentional self-harm (suicide) (*U03,X60–X84,Y87.0) | 56 | 1.7 | 2.1 | 10 | Influenza and pneumonia (J10–J18) | 216 | 1.3 | 15.2 |
| ... | All other causes (Residual) | 958 | 29.2 | 35.4 | ... | All other causes (Residual) | 2,759 | 16.1 | 193.8 |
| Black, non-Hispanic, female, 35–44 years | | | | | Black, non-Hispanic, female, 65 years and over | | | | |
| ... | All causes | 8,294 | 100.0 | 280.1 | ... | All causes | 92,078 | 100.0 | 5,100.6 |
| 1 | Malignant neoplasms (C00–C97) | 1,712 | 20.6 | 57.8 | 1 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 30,568 | 33.2 | 1,693.3 |
| 2 | Diseases of heart (I00–I09,I11,I13,I20–I51) | 1,281 | 15.4 | 43.3 | 2 | Malignant neoplasms (C00–C97) | 17,644 | 19.2 | 977.4 |
| 3 | Human immunodeficiency virus (HIV) disease (B20–B24) | 1,033 | 12.5 | 34.9 | 3 | Cerebrovascular diseases (I60–I69) | 8,484 | 9.2 | 470.0 |
| 4 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 665 | 8.0 | 22.5 | 4 | Diabetes mellitus (E10–E14) | 5,324 | 5.8 | 294.9 |
| 5 | Cerebrovascular diseases (I60–I69) | 410 | 4.9 | 13.8 | 5 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 2,956 | 3.2 | 163.7 |
| 6 | Assault (homicide) (*U01–*U02,X85–Y09,Y87.1) | 315 | 3.8 | 10.6 | 6 | Influenza and pneumonia (J10–J18) | 2,459 | 2.7 | 136.2 |
| 7 | Diabetes mellitus (E10–E14) | 238 | 2.9 | 8.0 | 7 | Chronic lower respiratory diseases (J40–J47) | 2,444 | 2.7 | 135.4 |
| 8 | Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27) | 145 | 1.7 | 4.9 | 8 | Septicemia (A40–A41) | 2,418 | 2.6 | 133.9 |
| 9 | Chronic lower respiratory diseases (J40–J47) | 142 | 1.7 | 4.8 | 9 | Alzheimer's disease (G30) | 2,345 | 2.5 | 129.9 |
| 10 | Chronic liver disease and cirrhosis (K70,K73–K74) | 133 | 1.6 | 4.5 | 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 1,907 | 2.1 | 105.6 |
| ... | All other causes (Residual) | 2,220 | 26.8 | 75.0 | ... | All other causes (Residual) | 15,529 | 16.9 | 860.2 |

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates per 100,000 population in specified group. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on the death certificate; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision (ICD-10)*; see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin, sex, and age | Number ² | Percentage of total deaths | Rate ² |
|--|---|---------------------|----------------------------|-------------------|--|---|---------------------|----------------------------|-------------------|
| Black, non-Hispanic, female, 65–74 years | | | | | Black, non-Hispanic, female, 85 years and over | | | | |
| ... | All causes | 24,889 | 100.0 | 2,584.8 | ... | All causes | 33,143 | 100.0 | 13,855.4 |
| 1 | Malignant neoplasms (C00–C97) | 7,249 | 29.1 | 752.8 | 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 12,312 | 37.1 | 5,147.0 |
| 2 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 7,164 | 28.8 | 744.0 | 2 | Malignant neoplasms (C00–C97) | 3,546 | 10.7 | 1,482.4 |
| 3 | Diabetes mellitus (E10–E14) | 1,832 | 7.4 | 190.3 | 3 | Cerebrovascular diseases (I60–I69) | 3,464 | 10.5 | 1,448.1 |
| 4 | Cerebrovascular diseases (I60–I69) | 1,774 | 7.1 | 184.2 | 4 | Alzheimer's disease (G30) | 1,435 | 4.3 | 599.9 |
| 5 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 876 | 3.5 | 91.0 | 5 | Diabetes mellitus (E10–E14) | 1,414 | 4.3 | 591.1 |
| 6 | Chronic lower respiratory diseases (J40–J47) | 799 | 3.2 | 83.0 | 6 | Influenza and pneumonia (J10–J18) | 1,281 | 3.9 | 535.5 |
| 7 | Septicemia (A40–A41) | 653 | 2.6 | 67.8 | 7 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 948 | 2.9 | 396.3 |
| 8 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 436 | 1.8 | 45.3 | 8 | Septicemia (A40–A41) | 861 | 2.6 | 359.9 |
| 9 | Influenza and pneumonia (J10–J18) | 383 | 1.5 | 39.8 | 9 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 780 | 2.4 | 326.1 |
| 10 | Accidents (unintentional injuries) (V01–X59,Y85–Y86) | 291 | 1.2 | 30.2 | 10 | Chronic lower respiratory diseases (J40–J47) | 629 | 1.9 | 263.0 |
| ... | All other causes (Residual) | 3,432 | 13.8 | 356.4 | ... | All other causes (Residual) | 6,473 | 19.5 | 2,706.0 |
| Black, non-Hispanic, female, 75–84 years | | | | | | | | | |
| ... | All causes | 34,046 | 100.0 | 5,644.9 | | | | | |
| 1 | Diseases of heart . . . (I00–I09,I11,I13,I20–I51) | 11,092 | 32.6 | 1,839.1 | | | | | |
| 2 | Malignant neoplasms (C00–C97) | 6,849 | 20.1 | 1,135.6 | | | | | |
| 3 | Cerebrovascular diseases (I60–I69) | 3,246 | 9.5 | 538.2 | | | | | |
| 4 | Diabetes mellitus (E10–E14) | 2,078 | 6.1 | 344.5 | | | | | |
| 5 | Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27) | 1,132 | 3.3 | 187.7 | | | | | |
| 6 | Chronic lower respiratory diseases (J40–J47) | 1,016 | 3.0 | 168.5 | | | | | |
| 7 | Septicemia (A40–A41) | 904 | 2.7 | 149.9 | | | | | |
| 8 | Influenza and pneumonia (J10–J18) | 795 | 2.3 | 131.8 | | | | | |
| 9 | Alzheimer's disease (G30) | 755 | 2.2 | 125.2 | | | | | |
| 10 | Essential (primary) hypertension and hypertensive renal disease (I10,I12) | 691 | 2.0 | 114.6 | | | | | |
| ... | All other causes (Residual) | 5,488 | 16.1 | 909.9 | | | | | |

... Category not applicable.

* Figure does not meet standards of reliability or precision; see "Technical Notes."

¹Rank based on number of deaths; see "Technical Notes."

²Figures for age not stated are included in "all ages" but not distributed among age groups.

³Includes deaths for "Under 1 year."

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2002

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Deaths for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on birth and death certificates. Deaths based on race of decedent; live births based on race of mother; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate |
|--------------------------------|--|--------|----------------------------|----------------|----------------------------|--|--------|----------------------------|----------------|
| Infants, all races, both sexes | | | | | Infants, white, both sexes | | | | |
| ... | All causes | 28,034 | 100.0 | 697.1 | ... | All causes | 18,369 | 100.0 | 578.6 |
| 1 | Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99) | 5,623 | 20.1 | 139.8 | 1 | Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99) | 4,330 | 23.6 | 136.4 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 4,637 | 16.5 | 115.3 | 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 2,571 | 14.0 | 81.0 |
| 3 | Sudden infant death syndrome (R95) | 2,295 | 8.2 | 57.1 | 3 | Sudden infant death syndrome (R95) | 1,494 | 8.1 | 47.1 |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 1,708 | 6.1 | 42.5 | 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 1,055 | 5.7 | 33.2 |
| 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 1,028 | 3.7 | 25.6 | 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 668 | 3.6 | 21.0 |
| 6 | Accidents (unintentional injuries) (V01-X59) | 946 | 3.4 | 23.5 | 6 | Respiratory distress of newborn. (P22) | 584 | 3.2 | 18.4 |
| 7 | Respiratory distress of newborn. (P22) | 943 | 3.4 | 23.4 | 7 | Accidents (unintentional injuries) (V01-X59) | 583 | 3.2 | 18.4 |
| 8 | Bacterial sepsis of newborn (P36) | 749 | 2.7 | 18.6 | 8 | Bacterial sepsis of newborn (P36) | 493 | 2.7 | 15.5 |
| 9 | Diseases of the circulatory system (I00-I99) | 667 | 2.4 | 16.6 | 9 | Diseases of the circulatory system (I00-I99) | 441 | 2.4 | 13.9 |
| 10 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 583 | 2.1 | 14.5 | 10 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 413 | 2.2 | 13.0 |
| ... | All other causes (Residual) | 8,855 | 31.6 | 220.2 | ... | All other causes (Residual) | 5,737 | 31.2 | 180.7 |
| Infants, all races, male | | | | | Infants, white, male | | | | |
| ... | All causes | 15,717 | 100.0 | 763.7 | ... | All causes | 10,433 | 100.0 | 641.5 |
| 1 | Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99) | 2,942 | 18.7 | 143.0 | 1 | Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99) | 2,297 | 22.0 | 141.2 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 2,590 | 16.5 | 125.9 | 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 1,431 | 13.7 | 88.0 |
| 3 | Sudden infant death syndrome (R95) | 1,351 | 8.6 | 65.6 | 3 | Sudden infant death syndrome (R95) | 890 | 8.5 | 54.7 |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 966 | 6.1 | 46.9 | 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 593 | 5.7 | 36.5 |
| 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 571 | 3.6 | 27.7 | 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 389 | 3.7 | 23.9 |
| 6 | Accidents (unintentional injuries) (V01-X59) | 553 | 3.5 | 26.9 | 6 | Respiratory distress of newborn. (P22) | 362 | 3.5 | 22.3 |
| 7 | Respiratory distress of newborn. (P22) | 541 | 3.4 | 26.3 | 7 | Accidents (unintentional injuries) (V01-X59) | 358 | 3.4 | 22.0 |
| 8 | Bacterial sepsis of newborn (P36) | 417 | 2.7 | 20.3 | 8 | Bacterial sepsis of newborn (P36) | 287 | 2.8 | 17.6 |
| 9 | Diseases of the circulatory system (I00-I99) | 358 | 2.3 | 17.4 | 9 | Diseases of the circulatory system (I00-I99) | 243 | 2.3 | 14.9 |
| 10 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 299 | 1.9 | 14.5 | 10 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 215 | 2.1 | 13.2 |
| ... | All other causes (Residual) | 5,129 | 32.6 | 249.2 | ... | All other causes (Residual) | 3,368 | 32.3 | 207.1 |
| Infants, all races, female | | | | | Infants, white, female | | | | |
| ... | All causes | 12,317 | 100.0 | 627.2 | ... | All causes | 7,936 | 100.0 | 512.5 |
| 1 | Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99) | 2,681 | 21.8 | 136.5 | 1 | Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99) | 2,033 | 25.6 | 131.3 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 2,047 | 16.6 | 104.2 | 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 1,140 | 14.4 | 73.6 |
| 3 | Sudden infant death syndrome (R95) | 944 | 7.7 | 48.1 | 3 | Sudden infant death syndrome (R95) | 604 | 7.6 | 39.0 |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 742 | 6.0 | 37.8 | 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 462 | 5.8 | 29.8 |
| 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 457 | 3.7 | 23.3 | 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 279 | 3.5 | 18.0 |
| 6 | Respiratory distress of newborn. (P22) | 402 | 3.3 | 20.5 | 6 | Accidents (unintentional injuries) (V01-X59) | 225 | 2.8 | 14.5 |
| 7 | Accidents (unintentional injuries) (V01-X59) | 393 | 3.2 | 20.0 | 7 | Respiratory distress of newborn. (P22) | 222 | 2.8 | 14.3 |
| 8 | Bacterial sepsis of newborn (P36) | 332 | 2.7 | 16.9 | 8 | Bacterial sepsis of newborn (P36) | 206 | 2.6 | 13.3 |
| 9 | Diseases of the circulatory system (I00-I99) | 309 | 2.5 | 15.7 | 9 | Diseases of the circulatory system (I00-I99) | 198 | 2.5 | 12.8 |
| 10 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 284 | 2.3 | 14.5 | 9 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 198 | 2.5 | 12.8 |
| ... | All other causes (Residual) | 3,726 | 30.3 | 189.7 | ... | All other causes (Residual) | 2,369 | 29.9 | 153.0 |

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Deaths for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on birth and death certificates. Deaths based on race of decedent; live births based on race of mother; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate |
|-----------------------------------|--|--------|----------------------------|----------------|---|--|--------|----------------------------|----------------|
| Infants, black, both sexes | | | | | Infants, American Indian, both sexes | | | | |
| ... | All causes | 8,524 | 100.0 | 1,435.8 | ... | All causes | 343 | 100.0 | 809.6 |
| 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 1,885 | 22.1 | 317.5 | 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 61 | 17.8 | 144.0 |
| 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 1,047 | 12.3 | 176.4 | 2 | Sudden infant death syndrome (R95) | 53 | 15.5 | 125.1 |
| 3 | Sudden infant death syndrome (R95) | 703 | 8.2 | 118.4 | 3 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 48 | 14.0 | 113.3 |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 572 | 6.7 | 96.3 | 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 26 | 7.6 | 61.4 |
| 5 | Respiratory distress of newborn. (P22) | 338 | 4.0 | 56.9 | 5 | Accidents (unintentional injuries) (V01-X59) | 15 | 4.4 | * |
| 6 | Accidents (unintentional injuries) (V01-X59) | 330 | 3.9 | 55.6 | 6 | Assault (homicide). (*U01,X85-Y09) | 10 | 2.9 | * |
| 7 | Newborn affected by complications of placenta, cord and membranes (P02) | 329 | 3.9 | 55.4 | 7 | Newborn affected by complications of placenta, cord and membranes (P02) | 8 | 2.3 | * |
| 8 | Bacterial sepsis of newborn (P36) | 239 | 2.8 | 40.3 | 8 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 7 | 2.0 | * |
| 9 | Diseases of the circulatory system (I00-I99) | 193 | 2.3 | 32.5 | 8 | Respiratory distress of newborn. (P22) | 7 | 2.0 | * |
| 10 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 149 | 1.7 | 25.1 | 10 | Diseases of the circulatory system (I00-I99) | 6 | 1.7 | * |
| ... | All other causes (Residual) | 2,739 | 32.1 | 461.4 | 10 | Influenza and pneumonia (J10-J18) | 6 | 1.7 | * |
| | | | | | 10 | Bacterial sepsis of newborn (P36) | 6 | 1.7 | * |
| | | | | | ... | All other causes (Residual) | 90 | 26.2 | 212.4 |
| Infants, black, male | | | | | Infants, American Indian, male | | | | |
| ... | All causes | 4,652 | 100.0 | 1,543.0 | ... | All causes | 191 | 100.0 | 891.6 |
| 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 1,055 | 22.7 | 349.9 | 1 | Sudden infant death syndrome (R95) | 34 | 17.8 | 158.7 |
| 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 522 | 11.2 | 173.1 | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 29 | 15.2 | 135.4 |
| 3 | Sudden infant death syndrome (R95) | 404 | 8.7 | 134.0 | 3 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 27 | 14.1 | 126.0 |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 328 | 7.1 | 108.8 | 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 19 | 9.9 | * |
| 5 | Accidents (unintentional injuries) (V01-X59) | 176 | 3.8 | 58.4 | 5 | Accidents (unintentional injuries) (V01-X59) | 8 | 4.2 | * |
| 6 | Respiratory distress of newborn. (P22) | 170 | 3.7 | 56.4 | 6 | Diseases of the circulatory system (I00-I99) | 4 | 2.1 | * |
| 7 | Newborn affected by complications of placenta, cord and membranes (P02) | 166 | 3.6 | 55.1 | 6 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 4 | 2.1 | * |
| 8 | Bacterial sepsis of newborn (P36) | 123 | 2.6 | 40.8 | 6 | Bacterial sepsis of newborn (P36) | 4 | 2.1 | * |
| 9 | Diseases of the circulatory system (I00-I99) | 99 | 2.1 | 32.8 | 6 | Assault (homicide). (*U01,X85-Y09) | 4 | 2.1 | * |
| 10 | Atelectasis ² (P28.0-P28.1) | 78 | 1.7 | 25.9 | 10 | Influenza and pneumonia (J10-J18) | 3 | 1.6 | * |
| ... | All other causes (Residual) | 1,531 | 32.9 | 507.8 | 10 | Newborn affected by complications of placenta, cord and membranes (P02) | 3 | 1.6 | * |
| | | | | | 10 | Respiratory distress of newborn. (P22) | 3 | 1.6 | * |
| | | | | | ... | All other causes (Residual) | 49 | 25.7 | 228.7 |
| Infants, black, female | | | | | Infants, American Indian, female | | | | |
| ... | All causes | 3,872 | 100.0 | 1,325.2 | ... | All causes | 152 | 100.0 | 725.7 |
| 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 830 | 21.4 | 284.1 | 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 32 | 21.1 | 152.8 |
| 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 525 | 13.6 | 179.7 | 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 21 | 13.8 | 100.3 |
| 3 | Sudden infant death syndrome (R95) | 299 | 7.7 | 102.3 | 3 | Sudden infant death syndrome (R95) | 19 | 12.5 | * |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 244 | 6.3 | 83.5 | 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 7 | 4.6 | * |
| 5 | Respiratory distress of newborn. (P22) | 168 | 4.3 | 57.5 | 4 | Accidents (unintentional injuries) (V01-X59) | 7 | 4.6 | * |
| 6 | Newborn affected by complications of placenta, cord and membranes (P02) | 163 | 4.2 | 55.8 | 6 | Assault (homicide). (*U01,X85-Y09) | 6 | 3.9 | * |
| 7 | Accidents (unintentional injuries) (V01-X59) | 154 | 4.0 | 52.7 | 7 | Newborn affected by complications of placenta, cord and membranes (P02) | 5 | 3.3 | * |
| 8 | Bacterial sepsis of newborn (P36) | 116 | 3.0 | 39.7 | 8 | Respiratory distress of newborn. (P22) | 4 | 2.6 | * |
| 9 | Diseases of the circulatory system (I00-I99) | 94 | 2.4 | 32.2 | 9 | Influenza and pneumonia (J10-J18) | 3 | 2.0 | * |
| 10 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 75 | 1.9 | 25.7 | 9 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 3 | 2.0 | * |
| ... | All other causes (Residual) | 1,204 | 31.1 | 412.1 | ... | All other causes (Residual) | 45 | 29.6 | 214.8 |

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Deaths for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on birth and death certificates. Deaths based on race of decedent; live births based on race of mother; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate |
|--|--|--------|----------------------------|----------------|---------------------------------|--|--------|----------------------------|----------------|
| Infants, Asian or Pacific Islander, both sexes | | | | | Neonates, all races, both sexes | | | | |
| ... | All causes | 798 | 100.0 | 378.4 | ... | All causes | 18,747 | 100.0 | 466.1 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00-Q99) | 185 | 23.2 | 87.7 | 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . (P07) | 4,538 | 24.2 | 112.8 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . (P07) | 133 | 16.7 | 63.1 | 2 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00-Q99) | 3,976 | 21.2 | 98.9 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 55 | 6.9 | 26.1 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 1,695 | 9.0 | 42.1 |
| 4 | Sudden infant death syndrome (R95) | 45 | 5.6 | 21.3 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 1,011 | 5.4 | 25.1 |
| 5 | Diseases of the circulatory system . (I00-I99) | 27 | 3.4 | 12.8 | 5 | Respiratory distress of newborn. (P22) | 875 | 4.7 | 21.8 |
| 6 | Newborn affected by complications of placenta, cord and membranes (P02) | 23 | 2.9 | 10.9 | 6 | Bacterial sepsis of newborn (P36) | 705 | 3.8 | 17.5 |
| 7 | Accidents (unintentional injuries) . (V01-X59) | 18 | 2.3 | * | 7 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 543 | 2.9 | 13.5 |
| 8 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 14 | 1.8 | * | 8 | Atelectasis ² (P28.0-P28.1) | 379 | 2.0 | 9.4 |
| 8 | Respiratory distress of newborn. (P22) | 14 | 1.8 | * | 8 | Neonatal hemorrhage ² (P50-P52,P54) | 379 | 2.0 | 9.4 |
| 10 | Birth trauma ² (P10-P15) | 13 | 1.6 | * | 10 | Birth trauma ² (P10-P15) | 339 | 1.8 | 8.4 |
| 10 | Neonatal hemorrhage ² (P50-P52,P54) | 13 | 1.6 | * | ... | All other causes (Residual) | 4,307 | 23.0 | 107.1 |
| ... | All other causes (Residual) | 258 | 32.3 | 122.3 | Neonates, all races, male | | | | |
| Infants, Asian or Pacific Islander, male | | | | | ... | All causes | 10,408 | 100.0 | 505.7 |
| ... | All causes | 441 | 100.0 | 405.5 | 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . (P07) | 2,529 | 24.3 | 122.9 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00-Q99) | 94 | 21.3 | 86.4 | 2 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00-Q99) | 2,113 | 20.3 | 102.7 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . (P07) | 77 | 17.5 | 70.8 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 957 | 9.2 | 46.5 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 26 | 5.9 | 23.9 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 561 | 5.4 | 27.3 |
| 4 | Sudden infant death syndrome (R95) | 23 | 5.2 | 21.1 | 5 | Respiratory distress of newborn. (P22) | 502 | 4.8 | 24.4 |
| 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 13 | 2.9 | * | 6 | Bacterial sepsis of newborn (P36) | 398 | 3.8 | 19.3 |
| 6 | Diseases of the circulatory system . (I00-I99) | 12 | 2.7 | * | 7 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 281 | 2.7 | 13.7 |
| 7 | Accidents (unintentional injuries) . (V01-X59) | 11 | 2.5 | * | 8 | Neonatal hemorrhage ² (P50-P52,P54) | 229 | 2.2 | 11.1 |
| 8 | Necrotizing enterocolitis of newborn . . (P77) | 9 | 2.0 | * | 9 | Atelectasis ² (P28.0-P28.1) | 217 | 2.1 | 10.5 |
| 9 | Birth trauma ² (P10-P15) | 8 | 1.8 | * | 10 | Birth trauma ² (P10-P15) | 214 | 2.1 | 10.4 |
| 9 | Neonatal hemorrhage ² (P50-P52,P54) | 8 | 1.8 | * | ... | All other causes (Residual) | 2,407 | 23.1 | 117.0 |
| 9 | Hydrops fetalis not due to hemolytic disease (P83.2) | 8 | 1.8 | * | Neonates, all races, female | | | | |
| ... | All other causes (Residual) | 152 | 34.5 | 139.8 | ... | All causes | 8,339 | 100.0 | 424.6 |
| Infants, Asian or Pacific Islander, female | | | | | 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . (P07) | 2,009 | 24.1 | 102.3 |
| ... | All causes | 357 | 100.0 | 349.5 | 2 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00-Q99) | 1,863 | 22.3 | 94.9 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00-Q99) | 91 | 25.5 | 89.1 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 738 | 8.8 | 37.6 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . (P07) | 56 | 15.7 | 54.8 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 450 | 5.4 | 22.9 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 29 | 8.1 | 28.4 | 5 | Respiratory distress of newborn. (P22) | 373 | 4.5 | 19.0 |
| 4 | Sudden infant death syndrome (R95) | 22 | 6.2 | 21.5 | 6 | Bacterial sepsis of newborn (P36) | 307 | 3.7 | 15.6 |
| 5 | Diseases of the circulatory system . (I00-I99) | 15 | 4.2 | * | 7 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 262 | 3.1 | 13.3 |
| 6 | Newborn affected by complications of placenta, cord and membranes (P02) | 10 | 2.8 | * | 8 | Atelectasis ² (P28.0-P28.1) | 162 | 1.9 | 8.2 |
| 7 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 8 | 2.2 | * | 9 | Neonatal hemorrhage ² (P50-P52,P54) | 150 | 1.8 | 7.6 |
| 7 | Respiratory distress of newborn. (P22) | 8 | 2.2 | * | 10 | Necrotizing enterocolitis of newborn . . (P77) | 126 | 1.5 | 6.4 |
| 7 | Bacterial sepsis of newborn (P36) | 8 | 2.2 | * | ... | All other causes (Residual) | 1,899 | 22.8 | 96.7 |
| 10 | Accidents (unintentional injuries) . (V01-X59) | 7 | 2.0 | * | | | | | |
| ... | All other causes (Residual) | 103 | 28.9 | 100.8 | | | | | |

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Deaths for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on birth and death certificates. Deaths based on race of decedent; live births based on race of mother; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate |
|-----------------------------|--|--------|----------------------------|----------------|-----------------------------|--|--------|----------------------------|----------------|
| Neonates, white, both sexes | | | | | Neonates, black, both sexes | | | | |
| ... | All causes | 12,354 | 100.0 | 389.1 | ... | All causes | 5,646 | 100.0 | 951.0 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 3,138 | 25.4 | 98.8 | 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 1,842 | 32.6 | 310.3 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 2,517 | 20.4 | 79.3 | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 670 | 11.9 | 112.9 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 1,048 | 8.5 | 33.0 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 566 | 10.0 | 95.3 |
| 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 655 | 5.3 | 20.6 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 325 | 5.8 | 54.7 |
| 5 | Respiratory distress of newborn. (P22) | 549 | 4.4 | 17.3 | 5 | Respiratory distress of newborn. (P22) | 309 | 5.5 | 52.0 |
| 6 | Bacterial sepsis of newborn (P36) | 464 | 3.8 | 14.6 | 6 | Bacterial sepsis of newborn (P36) | 226 | 4.0 | 38.1 |
| 7 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 388 | 3.1 | 12.2 | 7 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 134 | 2.4 | 22.6 |
| 8 | Neonatal hemorrhage ² (P50-P52,P54) | 265 | 2.1 | 8.3 | 8 | Atelectasis ² (P28.0-P28.1) | 120 | 2.1 | 20.2 |
| 9 | Atelectasis ² (P28.0-P28.1) | 249 | 2.0 | 7.8 | 9 | Necrotizing enterocolitis of newborn . . . (P77) | 117 | 2.1 | 19.7 |
| 10 | Birth trauma ² (P10-P15) | 242 | 2.0 | 7.6 | 10 | Neonatal hemorrhage ² (P50-P52,P54) | 99 | 1.8 | 16.7 |
| ... | All other causes (Residual) | 2,839 | 23.0 | 89.4 | ... | All other causes (Residual) | 1,238 | 21.9 | 208.5 |
| Neonates, white, male | | | | | Neonates, black, male | | | | |
| ... | All causes | 6,941 | 100.0 | 426.8 | ... | All causes | 3,054 | 100.0 | 1,012.9 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 1,695 | 24.4 | 104.2 | 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 1,026 | 33.6 | 340.3 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 1,400 | 20.2 | 86.1 | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 332 | 10.9 | 110.1 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 590 | 8.5 | 36.3 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 322 | 10.5 | 106.8 |
| 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 381 | 5.5 | 23.4 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 164 | 5.4 | 54.4 |
| 5 | Respiratory distress of newborn. (P22) | 343 | 4.9 | 21.1 | 5 | Respiratory distress of newborn. (P22) | 152 | 5.0 | 50.4 |
| 6 | Bacterial sepsis of newborn (P36) | 274 | 3.9 | 16.8 | 6 | Bacterial sepsis of newborn (P36) | 117 | 3.8 | 38.8 |
| 7 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 203 | 2.9 | 12.5 | 7 | Atelectasis ² (P28.0-P28.1) | 73 | 2.4 | 24.2 |
| 8 | Neonatal hemorrhage ² (P50-P52,P54) | 163 | 2.3 | 10.0 | 8 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 68 | 2.2 | 22.6 |
| 9 | Birth trauma ² (P10-P15) | 154 | 2.2 | 9.5 | 9 | Necrotizing enterocolitis of newborn . . . (P77) | 64 | 2.1 | 21.2 |
| 10 | Atelectasis ² (P28.0-P28.1) | 137 | 2.0 | 8.4 | 10 | Neonatal hemorrhage ² (P50-P52,P54) | 57 | 1.9 | 18.9 |
| ... | All other causes (Residual) | 1,601 | 23.1 | 98.4 | ... | All other causes (Residual) | 679 | 22.2 | 225.2 |
| Neonates, white, female | | | | | Neonates, black, female | | | | |
| ... | All causes | 5,413 | 100.0 | 349.6 | ... | All causes | 2,592 | 100.0 | 887.1 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 1,443 | 26.7 | 93.2 | 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 816 | 31.5 | 279.3 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 1,117 | 20.6 | 72.1 | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 338 | 13.0 | 115.7 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 458 | 8.5 | 29.6 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 244 | 9.4 | 83.5 |
| 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 274 | 5.1 | 17.7 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 161 | 6.2 | 55.1 |
| 5 | Respiratory distress of newborn. (P22) | 206 | 3.8 | 13.3 | 5 | Respiratory distress of newborn. (P22) | 157 | 6.1 | 53.7 |
| 6 | Bacterial sepsis of newborn (P36) | 190 | 3.5 | 12.3 | 6 | Bacterial sepsis of newborn (P36) | 109 | 4.2 | 37.3 |
| 7 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 185 | 3.4 | 11.9 | 7 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 66 | 2.5 | 22.6 |
| 8 | Atelectasis ² (P28.0-P28.1) | 112 | 2.1 | 7.2 | 8 | Necrotizing enterocolitis of newborn . . . (P77) | 53 | 2.0 | 18.1 |
| 9 | Neonatal hemorrhage ² (P50-P52,P54) | 102 | 1.9 | 6.6 | 9 | Atelectasis ² (P28.0-P28.1) | 47 | 1.8 | 16.1 |
| 10 | Birth trauma ² (P10-P15) | 88 | 1.6 | 5.7 | 10 | Neonatal hemorrhage ² (P50-P52,P54) | 42 | 1.6 | 14.4 |
| ... | All other causes (Residual) | 1,238 | 22.9 | 80.0 | ... | All other causes (Residual) | 559 | 21.6 | 191.3 |

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Deaths for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on birth and death certificates. Deaths based on race of decedent; live births based on race of mother; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate |
|---------------------------------------|--|--------|----------------------------|----------------|---|--|--------|----------------------------|----------------|
| Neonates, American Indian, both sexes | | | | | Neonates, American Indian, female | | | | |
| ... | All causes | 198 | 100.0 | 467.3 | ... | All causes | 86 | 100.0 | 410.6 |
| 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 48 | 24.2 | 113.3 | 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 21 | 24.4 | 100.3 |
| 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 41 | 20.7 | 96.8 | 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 21 | 24.4 | 100.3 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 26 | 13.1 | 61.4 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 7 | 8.1 | * |
| 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 8 | 4.0 | * | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 5 | 5.8 | * |
| 5 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 7 | 3.5 | * | 5 | Respiratory distress of newborn. (P22) | 4 | 4.7 | * |
| 6 | Respiratory distress of newborn. (P22) | 6 | 3.0 | * | 6 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 3 | 3.5 | * |
| 6 | Bacterial sepsis of newborn (P36) | 6 | 3.0 | * | 7 | Pulmonary hemorrhage originating in the perinatal period ² (P26) | 2 | 2.3 | * |
| 8 | Hydrops fetalis not due to hemolytic disease (P83.2) | 4 | 2.0 | * | 7 | Bacterial sepsis of newborn (P36) | 2 | 2.3 | * |
| 9 | Diseases of the circulatory system . . . (I00-I99) | 3 | 1.5 | * | 7 | Hydrops fetalis not due to hemolytic disease (P83.2) | 2 | 2.3 | * |
| 9 | Newborn affected by other complications of labor and delivery (P03) | 3 | 1.5 | * | 10 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50-K55) | 1 | 1.2 | * |
| 9 | Pulmonary hemorrhage originating in the perinatal period ² (P26) | 3 | 1.5 | * | 10 | Newborn affected by other maternal conditions which may be unrelated to present pregnancy. (P00.1-P00.9) | 1 | 1.2 | * |
| 9 | Assault (homicide). (*U01,X85-Y09) | 3 | 1.5 | * | 10 | Newborn affected by other complications of labor and delivery (P03) | 1 | 1.2 | * |
| ... | All other causes (Residual) | 40 | 20.2 | 94.4 | 10 | Newborn affected by noxious influences transmitted via placenta or breast milk. . (P04) | 1 | 1.2 | * |
| Neonates, American Indian, male | | | | | 10 | Birth trauma ² (P10-P15) | 1 | 1.2 | * |
| ... | All causes | 112 | 100.0 | 522.8 | 10 | Atelectasis ² (P28.0-P28.1) | 1 | 1.2 | * |
| 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 27 | 24.1 | 126.0 | 10 | Neonatal hemorrhage ² (P50-P52,P54) | 1 | 1.2 | * |
| 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 20 | 17.9 | 93.4 | 10 | Hematological disorders (P60-P61) | 1 | 1.2 | * |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 19 | 17.0 | * | 10 | Accidents (unintentional injuries) . . . (V01-X59) | 1 | 1.2 | * |
| 4 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 4 | 3.6 | * | 10 | Assault (homicide). (*U01,X85-Y09) | 1 | 1.2 | * |
| 4 | Bacterial sepsis of newborn (P36) | 4 | 3.6 | * | ... | All other causes (Residual) | 9 | 10.5 | * |
| 6 | Diseases of the circulatory system . . . (I00-I99) | 3 | 2.7 | * | Neonates, Asian or Pacific Islander, both sexes | | | | |
| 6 | Newborn affected by complications of placenta, cord and membranes (P02) | 3 | 2.7 | * | ... | All causes | 549 | 100.0 | 260.3 |
| 8 | Newborn affected by other complications of labor and delivery (P03) | 2 | 1.8 | * | 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 131 | 23.9 | 62.1 |
| 8 | Respiratory distress of newborn. (P22) | 2 | 1.8 | * | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 127 | 23.1 | 60.2 |
| 8 | Necrotizing enterocolitis of newborn . . . (P77) | 2 | 1.8 | * | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 55 | 10.0 | 26.1 |
| 8 | Hydrops fetalis not due to hemolytic disease (P83.2) | 2 | 1.8 | * | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 23 | 4.2 | 10.9 |
| 8 | Assault (homicide). (*U01,X85-Y09) | 2 | 1.8 | * | 5 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 14 | 2.6 | * |
| ... | All other causes (Residual) | 22 | 19.6 | 102.7 | 6 | Birth trauma ² (P10-P15) | 13 | 2.4 | * |
| See footnotes at end of table. | | | | | 6 | Neonatal hemorrhage ² (P50-P52,P54) | 13 | 2.4 | * |
| | | | | | 8 | Respiratory distress of newborn. (P22) | 11 | 2.0 | * |
| | | | | | 8 | Necrotizing enterocolitis of newborn . . . (P77) | 11 | 2.0 | * |
| | | | | | 8 | Hydrops fetalis not due to hemolytic disease (P83.2) | 11 | 2.0 | * |
| | | | | | ... | All other causes (Residual) | 140 | 25.5 | 66.4 |

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Deaths for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on birth and death certificates. Deaths based on race of decedent; live births based on race of mother; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate |
|---|--|--------|----------------------------|----------------|---------------------------------|--|--------|----------------------------|----------------|
| Neonates, Asian or Pacific Islander, male | | | | | Postneonates, all races, male | | | | |
| ... | All causes | 301 | 100.0 | 276.8 | ... | All causes | 5,309 | 100.0 | 258.0 |
| 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 76 | 25.2 | 69.9 | 1 | Sudden infant death syndrome (R95) | 1,258 | 23.7 | 61.1 |
| 2 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 66 | 21.9 | 60.7 | 2 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 829 | 15.6 | 40.3 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 26 | 8.6 | 23.9 | 3 | Accidents (unintentional injuries) . . . (V01–X59) | 506 | 9.5 | 24.6 |
| 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 13 | 4.3 | * | 4 | Diseases of the circulatory system . . . (I00–I99) | 227 | 4.3 | 11.0 |
| 5 | Birth trauma ² (P10–P15) | 8 | 2.7 | * | 5 | Chronic respiratory disease originating in the perinatal period. (P27) | 170 | 3.2 | 8.3 |
| 5 | Neonatal hemorrhage ² (P50–P52,P54) | 8 | 2.7 | * | 6 | Septicemia (A40–A41) | 158 | 3.0 | 7.7 |
| 5 | Necrotizing enterocolitis of newborn . . . (P77) | 8 | 2.7 | * | 7 | Influenza and pneumonia (J10–J18) | 144 | 2.7 | 7.0 |
| 5 | Hydrops fetalis not due to hemolytic disease (P83.2) | 8 | 2.7 | * | 8 | Assault (homicide). (*U01,X85–Y09) | 136 | 2.6 | 6.6 |
| 9 | Intrauterine hypoxia and birth asphyxia. (P20–P21) | 6 | 2.0 | * | 9 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 130 | 2.4 | 6.3 |
| 9 | Atelectasis ² (P28.0–P28.1) | 6 | 2.0 | * | 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 61 | 1.1 | 3.0 |
| ... | All other causes (Residual) | 76 | 25.2 | 69.9 | ... | All other causes (Residual) | 1,690 | 31.8 | 82.1 |
| Neonates, Asian or Pacific Islander, female | | | | | Postneonates, all races, female | | | | |
| ... | All causes | 248 | 100.0 | 242.8 | ... | All causes | 3,978 | 100.0 | 202.6 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 61 | 24.6 | 59.7 | 1 | Sudden infant death syndrome (R95) | 852 | 21.4 | 43.4 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 55 | 22.2 | 53.8 | 2 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 818 | 20.6 | 41.7 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 29 | 11.7 | 28.4 | 3 | Accidents (unintentional injuries) . . . (V01–X59) | 345 | 8.7 | 17.6 |
| 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 10 | 4.0 | * | 4 | Diseases of the circulatory system . . . (I00–I99) | 205 | 5.2 | 10.4 |
| 5 | Intrauterine hypoxia and birth asphyxia. (P20–P21) | 8 | 3.2 | * | 5 | Septicemia (A40–A41) | 138 | 3.5 | 7.0 |
| 6 | Respiratory distress of newborn. (P22) | 6 | 2.4 | * | 6 | Assault (homicide). (*U01,X85–Y09) | 117 | 2.9 | 6.0 |
| 6 | Bacterial sepsis of newborn (P36) | 6 | 2.4 | * | 7 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 101 | 2.5 | 5.1 |
| 8 | Diseases of the circulatory system . . . (I00–I99) | 5 | 2.0 | * | 8 | Chronic respiratory disease originating in the perinatal period. (P27) | 89 | 2.2 | 4.5 |
| 8 | Birth trauma ² (P10–P15) | 5 | 2.0 | * | 9 | Influenza and pneumonia (J10–J18) | 86 | 2.2 | 4.4 |
| 8 | Neonatal hemorrhage ² (P50–P52,P54) | 5 | 2.0 | * | 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 38 | 1.0 | 1.9 |
| ... | All other causes (Residual) | 58 | 23.4 | 56.8 | ... | All other causes (Residual) | 1,189 | 29.9 | 60.5 |
| Postneonates, all races, both sexes | | | | | Postneonates, white, both sexes | | | | |
| ... | All causes | 9,287 | 100.0 | 230.9 | ... | All causes | 6,015 | 100.0 | 189.5 |
| 1 | Sudden infant death syndrome (R95) | 2,110 | 22.7 | 52.5 | 1 | Sudden infant death syndrome (R95) | 1,374 | 22.8 | 43.3 |
| 2 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 1,647 | 17.7 | 41.0 | 2 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 1,192 | 19.8 | 37.5 |
| 3 | Accidents (unintentional injuries) . . (V01–X59) | 851 | 9.2 | 21.2 | 3 | Accidents (unintentional injuries) . . . (V01–X59) | 520 | 8.6 | 16.4 |
| 4 | Diseases of the circulatory system . . . (I00–I99) | 432 | 4.7 | 10.7 | 4 | Diseases of the circulatory system . . . (I00–I99) | 266 | 4.4 | 8.4 |
| 5 | Septicemia (A40–A41) | 296 | 3.2 | 7.4 | 5 | Septicemia (A40–A41) | 191 | 3.2 | 6.0 |
| 6 | Chronic respiratory disease originating in the perinatal period. (P27) | 259 | 2.8 | 6.4 | 6 | Chronic respiratory disease originating in the perinatal period. (P27) | 146 | 2.4 | 4.6 |
| 7 | Assault (homicide). (*U01,X85–Y09) | 253 | 2.7 | 6.3 | 7 | Assault (homicide). (*U01,X85–Y09) | 144 | 2.4 | 4.5 |
| 8 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 231 | 2.5 | 5.7 | 8 | Influenza and pneumonia (J10–J18) | 140 | 2.3 | 4.4 |
| 9 | Influenza and pneumonia (J10–J18) | 230 | 2.5 | 5.7 | 9 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 125 | 2.1 | 3.9 |
| 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 99 | 1.1 | 2.5 | 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 54 | 0.9 | 1.7 |
| ... | All other causes (Residual) | 2,879 | 31.0 | 71.6 | ... | All other causes (Residual) | 1,863 | 31.0 | 58.7 |

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Deaths for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on birth and death certificates. Deaths based on race of decedent; live births based on race of mother; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate |
|---------------------------------|--|--------|----------------------------|----------------|-----------------------------|--|--------|----------------------------|----------------|
| Postneonates, white, male | | | | | Postneonates, black, male | | | | |
| ... | All causes | 3,492 | 100.0 | 214.7 | ... | All causes | 1,598 | 100.0 | 530.0 |
| 1 | Sudden infant death syndrome (R95) | 825 | 23.6 | 50.7 | 1 | Sudden infant death syndrome (R95) | 378 | 23.7 | 125.4 |
| 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 602 | 17.2 | 37.0 | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 190 | 11.9 | 63.0 |
| 3 | Accidents (unintentional injuries) (V01–X59) | 330 | 9.5 | 20.3 | 3 | Accidents (unintentional injuries) (V01–X59) | 159 | 9.9 | 52.7 |
| 4 | Diseases of the circulatory system (I00–I99) | 143 | 4.1 | 8.8 | 4 | Diseases of the circulatory system (I00–I99) | 72 | 4.5 | 23.9 |
| 5 | Chronic respiratory disease originating in the perinatal period. (P27) | 105 | 3.0 | 6.5 | 5 | Chronic respiratory disease originating in the perinatal period. (P27) | 59 | 3.7 | 19.6 |
| 6 | Septicemia (A40–A41) | 100 | 2.9 | 6.1 | 6 | Septicemia (A40–A41) | 51 | 3.2 | 16.9 |
| 7 | Influenza and pneumonia (J10–J18) | 93 | 2.7 | 5.7 | 7 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 50 | 3.1 | 16.6 |
| 8 | Assault (homicide). (*U01,X85–Y09) | 84 | 2.4 | 5.2 | 8 | Assault (homicide). (*U01,X85–Y09) | 47 | 2.9 | 15.6 |
| 9 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 73 | 2.1 | 4.5 | 9 | Influenza and pneumonia (J10–J18) | 43 | 2.7 | 14.3 |
| 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 31 | 0.9 | 1.9 | 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 29 | 1.8 | 9.6 |
| ... | All other causes (Residual) | 1,106 | 31.7 | 68.0 | ... | All other causes (Residual) | 520 | 32.5 | 172.5 |
| Postneonates, white, female | | | | | Postneonates, black, female | | | | |
| ... | All causes | 2,523 | 100.0 | 162.9 | ... | All causes | 1,280 | 100.0 | 438.1 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 590 | 23.4 | 38.1 | 1 | Sudden infant death syndrome (R95) | 264 | 20.6 | 90.4 |
| 2 | Sudden infant death syndrome (R95) | 549 | 21.8 | 35.5 | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 187 | 14.6 | 64.0 |
| 3 | Accidents (unintentional injuries) (V01–X59) | 190 | 7.5 | 12.3 | 3 | Accidents (unintentional injuries) (V01–X59) | 142 | 11.1 | 48.6 |
| 4 | Diseases of the circulatory system (I00–I99) | 123 | 4.9 | 7.9 | 4 | Diseases of the circulatory system (I00–I99) | 70 | 5.5 | 24.0 |
| 5 | Septicemia (A40–A41) | 91 | 3.6 | 5.9 | 5 | Assault (homicide). (*U01,X85–Y09) | 52 | 4.1 | 17.8 |
| 6 | Assault (homicide). (*U01,X85–Y09) | 60 | 2.4 | 3.9 | 6 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 46 | 3.6 | 15.7 |
| 7 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 52 | 2.1 | 3.4 | 7 | Chronic respiratory disease originating in the perinatal period. (P27) | 45 | 3.5 | 15.4 |
| 8 | Influenza and pneumonia (J10–J18) | 47 | 1.9 | 3.0 | 8 | Septicemia (A40–A41) | 40 | 3.1 | 13.7 |
| 9 | Chronic respiratory disease originating in the perinatal period. (P27) | 41 | 1.6 | 2.6 | 9 | Influenza and pneumonia (J10–J18) | 34 | 2.7 | 11.6 |
| 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 23 | 0.9 | 1.5 | 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 14 | 1.1 | * |
| ... | All other causes (Residual) | 757 | 30.0 | 48.9 | ... | All other causes (Residual) | 386 | 30.2 | 132.1 |
| Postneonates, black, both sexes | | | | | | | | | |
| ... | All causes | 2,878 | 100.0 | 484.8 | | | | | |
| 1 | Sudden infant death syndrome (R95) | 642 | 22.3 | 108.1 | | | | | |
| 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 377 | 13.1 | 63.5 | | | | | |
| 3 | Accidents (unintentional injuries) (V01–X59) | 301 | 10.5 | 50.7 | | | | | |
| 4 | Diseases of the circulatory system (I00–I99) | 142 | 4.9 | 23.9 | | | | | |
| 5 | Chronic respiratory disease originating in the perinatal period. (P27) | 104 | 3.6 | 17.5 | | | | | |
| 6 | Assault (homicide). (*U01,X85–Y09) | 99 | 3.4 | 16.7 | | | | | |
| 7 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 96 | 3.3 | 16.2 | | | | | |
| 8 | Septicemia (A40–A41) | 91 | 3.2 | 15.3 | | | | | |
| 9 | Influenza and pneumonia (J10–J18) | 77 | 2.7 | 13.0 | | | | | |
| 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 43 | 1.5 | 7.2 | | | | | |
| ... | All other causes (Residual) | 906 | 31.5 | 152.6 | | | | | |

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Deaths for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on birth and death certificates. Deaths based on race of decedent; live births based on race of mother; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), race and sex | Number | Percentage of total deaths | Mortality rate |
|---|--|--------|----------------------------|----------------|--|--|--------|----------------------------|----------------|
| Postneonates, American Indian, both sexes | | | | | Postneonates, American Indian, female | | | | |
| ... | All causes | 145 | 100.0 | 342.2 | ... | All causes | 66 | 100.0 | 315.1 |
| 1 | Sudden infant death syndrome (R95) | 52 | 35.9 | 122.7 | 1 | Sudden infant death syndrome (R95) | 19 | 28.8 | * |
| 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 20 | 13.8 | 47.2 | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 11 | 16.7 | * |
| 3 | Accidents (unintentional injuries) . . . (V01-X59) | 13 | 9.0 | * | 3 | Accidents (unintentional injuries) . . . (V01-X59) | 6 | 9.1 | * |
| 4 | Assault (homicide). (*U01,X85-Y09) | 7 | 4.8 | * | 4 | Assault (homicide). (*U01,X85-Y09) | 5 | 7.6 | * |
| 5 | Influenza and pneumonia (J10-J18) | 5 | 3.4 | * | 5 | Influenza and pneumonia (J10-J18) | 3 | 4.5 | * |
| 6 | Septicemia (A40-A41) | 4 | 2.8 | * | 6 | Septicemia (A40-A41) | 2 | 3.0 | * |
| 7 | Diseases of the circulatory system . . . (I00-I99) | 3 | 2.1 | * | 6 | Diseases of the circulatory system . . . (I00-I99) | 2 | 3.0 | * |
| 8 | Chronic respiratory disease originating in the perinatal period. (P27) | 2 | 1.4 | * | 8 | Whooping cough (A37) | 1 | 1.5 | * |
| 9 | Whooping cough (A37) | 1 | 0.7 | * | 8 | Malignant neoplasms (C00-C97) | 1 | 1.5 | * |
| 9 | Malignant neoplasms (C00-C97) | 1 | 0.7 | * | 8 | Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86-E87) | 1 | 1.5 | * |
| 9 | Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86-E87) | 1 | 0.7 | * | 8 | Acute bronchitis and acute bronchiolitis (J20-J21) | 1 | 1.5 | * |
| 9 | Meningitis. (G00,G03) | 1 | 0.7 | * | ... | All other causes (Residual) | 14 | 21.2 | * |
| 9 | Diseases of the ear and mastoid process (H60-H93) | 1 | 0.7 | * | Postneonates, Asian or Pacific Islander, both sexes | | | | |
| 9 | Acute upper respiratory infections . . . (J00-J06) | 1 | 0.7 | * | ... | All causes | 249 | 100.0 | 118.1 |
| 9 | Acute bronchitis and acute bronchiolitis (J20-J21) | 1 | 0.7 | * | 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 58 | 23.3 | 27.5 |
| 9 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50-K55) | 1 | 0.7 | * | 2 | Sudden infant death syndrome (R95) | 42 | 16.9 | 19.9 |
| 9 | Renal failure and other disorders of kidney (N17-N19,N25,N27) | 1 | 0.7 | * | 3 | Diseases of the circulatory system . . . (I00-I99) | 21 | 8.4 | 10.0 |
| 9 | Newborn affected by maternal hypertensive disorders (P00.0) | 1 | 0.7 | * | 4 | Accidents (unintentional injuries) . . . (V01-X59) | 17 | 6.8 | * |
| 9 | Respiratory distress of newborn. (P22) | 1 | 0.7 | * | 5 | Septicemia (A40-A41) | 10 | 4.0 | * |
| ... | All other causes (Residual) | 28 | 19.3 | 66.1 | 6 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50-K55) | 9 | 3.6 | * |
| Postneonates, American Indian, male | | | | | 7 | Influenza and pneumonia (J10-J18) | 8 | 3.2 | * |
| ... | All causes | 79 | 100.0 | 368.8 | 8 | Chronic respiratory disease originating in the perinatal period. (P27) | 7 | 2.8 | * |
| 1 | Sudden infant death syndrome (R95) | 33 | 41.8 | 154.0 | 9 | Malignant neoplasms (C00-C97) | 4 | 1.6 | * |
| 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 9 | 11.4 | * | 10 | Respiratory distress of newborn. (P22) | 3 | 1.2 | * |
| 3 | Accidents (unintentional injuries) . . . (V01-X59) | 7 | 8.9 | * | 10 | Assault (homicide). (*U01,X85-Y09) | 3 | 1.2 | * |
| 4 | Septicemia (A40-A41) | 2 | 2.5 | * | ... | All other causes (Residual) | 67 | 26.9 | 31.8 |
| 4 | Influenza and pneumonia (J10-J18) | 2 | 2.5 | * | Postneonates, Asian or Pacific Islander, male | | | | |
| 4 | Chronic respiratory disease originating in the perinatal period. (P27) | 2 | 2.5 | * | ... | All causes | 140 | 100.0 | 128.7 |
| 4 | Assault (homicide). (*U01,X85-Y09) | 2 | 2.5 | * | 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 28 | 20.0 | 25.7 |
| 8 | Meningitis. (G00,G03) | 1 | 1.3 | * | 2 | Sudden infant death syndrome (R95) | 22 | 15.7 | 20.2 |
| 8 | Diseases of the ear and mastoid process (H60-H93) | 1 | 1.3 | * | 3 | Diseases of the circulatory system . . . (I00-I99) | 11 | 7.9 | * |
| 8 | Diseases of the circulatory system . . . (I00-I99) | 1 | 1.3 | * | 4 | Accidents (unintentional injuries) . . . (V01-X59) | 10 | 7.1 | * |
| 8 | Acute upper respiratory infections . . . (J00-J06) | 1 | 1.3 | * | 5 | Influenza and pneumonia (J10-J18) | 6 | 4.3 | * |
| 8 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50-K55) | 1 | 1.3 | * | 5 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50-K55) | 6 | 4.3 | * |
| 8 | Renal failure and other disorders of kidney (N17-N19,N25,N27) | 1 | 1.3 | * | 7 | Septicemia (A40-A41) | 5 | 3.6 | * |
| 8 | Newborn affected by maternal hypertensive disorders (P00.0) | 1 | 1.3 | * | 8 | Chronic respiratory disease originating in the perinatal period. (P27) | 4 | 2.9 | * |
| 8 | Respiratory distress of newborn. (P22) | 1 | 1.3 | * | 9 | Malignant neoplasms (C00-C97) | 3 | 2.1 | * |
| ... | All other causes (Residual) | 14 | 17.7 | * | 9 | Assault (homicide). (*U01,X85-Y09) | 3 | 2.1 | * |
| | | | | | ... | All other causes (Residual) | 42 | 30.0 | 38.6 |

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Deaths for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on birth and death certificates. Deaths based on race of decedent; live births based on race of mother; see "Technical Notes." The asterisk (*) preceding the cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); see "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), race and sex | Number | Percentage of total deaths | Mortality rate |
|-------------------|--|--------|----------------------------|----------------|
| | Postneonates, Asian or Pacific Islander, female | | | |
| ... | All causes | 109 | 100.0 | 106.7 |
| 1 | Congenital malformations, deformations chromosomal abnormalities (Q00–Q99) | 30 | 27.5 | 29.4 |
| 2 | Sudden infant death syndrome (R95) | 20 | 18.3 | 19.6 |
| 3 | Diseases of the circulatory system (I00–I99) | 10 | 9.2 | * |
| 4 | Accidents (unintentional injuries) (V01–X59) | 7 | 6.4 | * |
| 5 | Septicemia (A40–A41) | 5 | 4.6 | * |
| 6 | Gastritis, duodenitis, and noninfective enteritis and colitis (K29,K50–K55) | 3 | 2.8 | * |
| 6 | Chronic respiratory disease originating in the perinatal period (P27) | 3 | 2.8 | * |
| 8 | Influenza and pneumonia (J10–J18) | 2 | 1.8 | * |
| 8 | Renal failure and other disorders of kidney (N17–N19,N25,N27) | 2 | 1.8 | * |
| 8 | Respiratory distress of newborn (P22) | 2 | 1.8 | * |
| 8 | Bacterial sepsis of newborn (P36) | 2 | 1.8 | * |
| ... | All other causes (Residual) | 23 | 21.1 | 22.5 |

... Category not applicable.

* Figure does not meet standards of reliability or precision; see "Technical Notes."

¹Rank based on number of deaths; see "Technical Notes."

²Cause-of-death coding changes may affect comparability with the previous year's data for this cause; see "Deaths: Final Data for 2002" (3).

Table 4. Infant, neonatal, and postneonatal deaths; percentage of total deaths; and mortality rates for the 10 leading causes of infant death, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Race and Hispanic origin are reported separately on the death certificate. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated separately by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of inconsistencies between reporting Hispanic origin on birth and death certificates; see "Technical Notes." National linked files should be used to measure infant mortality for specific Hispanic subgroups. The asterisk (*) preceding cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), Hispanic origin and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision</i> , 1992), Hispanic origin and sex | Number | Percentage of total deaths | Mortality rate |
|-------------------------------|---|--------|----------------------------|----------------|--|---|--------|----------------------------|----------------|
| Infants, Hispanic, both sexes | | | | | Infants, white, non-Hispanic, both sexes | | | | |
| ... | All causes | 4,943 | 100.0 | 563.9 | ... | All causes | 13,463 | 100.0 | 585.8 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 1,257 | 25.4 | 143.4 | 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 3,068 | 22.8 | 133.5 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 763 | 15.4 | 87.0 | 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 1,814 | 13.5 | 78.9 |
| 3 | Sudden infant death syndrome (R95) | 295 | 6.0 | 33.7 | 3 | Sudden infant death syndrome (R95) | 1,218 | 9.0 | 53.0 |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 240 | 4.9 | 27.4 | 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 810 | 6.0 | 35.2 |
| 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 181 | 3.7 | 20.6 | 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 495 | 3.7 | 21.5 |
| 6 | Respiratory distress of newborn. (P22) | 157 | 3.2 | 17.9 | 6 | Accidents (unintentional injuries) . . . (V01-X59) | 462 | 3.4 | 20.1 |
| 7 | Bacterial sepsis of newborn (P36) | 127 | 2.6 | 14.5 | 7 | Respiratory distress of newborn. (P22) | 432 | 3.2 | 18.8 |
| 7 | Accidents (unintentional injuries) . . . (V01-X59) | 127 | 2.6 | 14.5 | 8 | Bacterial sepsis of newborn (P36) | 368 | 2.7 | 16.0 |
| 9 | Diseases of the circulatory system . . . (I00-I99) | 116 | 2.3 | 13.2 | 9 | Diseases of the circulatory system . . . (I00-I99) | 327 | 2.4 | 14.2 |
| 10 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 103 | 2.1 | 11.7 | 10 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 308 | 2.3 | 13.4 |
| ... | All other causes (Residual) | 1,577 | 31.9 | 179.9 | ... | All other causes (Residual) | 4,161 | 30.9 | 181.1 |
| Infants, Hispanic, male | | | | | Infants, white, non-Hispanic, male | | | | |
| ... | All causes | 2,746 | 100.0 | 614.3 | ... | All causes | 7,706 | 100.0 | 653.5 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 653 | 23.8 | 146.1 | 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 1,643 | 21.3 | 139.3 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 422 | 15.4 | 94.4 | 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 1,010 | 13.1 | 85.7 |
| 3 | Sudden infant death syndrome (R95) | 182 | 6.6 | 40.7 | 3 | Sudden infant death syndrome (R95) | 721 | 9.4 | 61.1 |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 139 | 5.1 | 31.1 | 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 449 | 5.8 | 38.1 |
| 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 105 | 3.8 | 23.5 | 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 290 | 3.8 | 24.6 |
| 6 | Respiratory distress of newborn. (P22) | 92 | 3.4 | 20.6 | 6 | Accidents (unintentional injuries) . . . (V01-X59) | 279 | 3.6 | 23.7 |
| 7 | Accidents (unintentional injuries) . . . (V01-X59) | 83 | 3.0 | 18.6 | 7 | Respiratory distress of newborn. (P22) | 271 | 3.5 | 23.0 |
| 8 | Bacterial sepsis of newborn (P36) | 81 | 2.9 | 18.1 | 8 | Bacterial sepsis of newborn (P36) | 210 | 2.7 | 17.8 |
| 9 | Diseases of the circulatory system . . . (I00-I99) | 57 | 2.1 | 12.8 | 9 | Diseases of the circulatory system . . . (I00-I99) | 185 | 2.4 | 15.7 |
| 10 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 55 | 2.0 | 12.3 | 10 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 160 | 2.1 | 13.6 |
| ... | All other causes (Residual) | 877 | 31.9 | 196.2 | ... | All other causes (Residual) | 2,488 | 32.3 | 211.0 |
| Infants, Hispanic, female | | | | | Infants, white, non-Hispanic, female | | | | |
| ... | All causes | 2,197 | 100.0 | 511.4 | ... | All causes | 5,757 | 100.0 | 514.5 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 604 | 27.5 | 140.6 | 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00-Q99) | 1,425 | 24.8 | 127.3 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 341 | 15.5 | 79.4 | 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 804 | 14.0 | 71.8 |
| 3 | Sudden infant death syndrome (R95) | 113 | 5.1 | 26.3 | 3 | Sudden infant death syndrome (R95) | 497 | 8.6 | 44.4 |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 101 | 4.6 | 23.5 | 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 361 | 6.3 | 32.3 |
| 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 76 | 3.5 | 17.7 | 5 | Newborn affected by complications of placenta, cord and membranes (P02) | 205 | 3.6 | 18.3 |
| 6 | Respiratory distress of newborn. (P22) | 65 | 3.0 | 15.1 | 6 | Accidents (unintentional injuries) . . . (V01-X59) | 183 | 3.2 | 16.4 |
| 7 | Diseases of the circulatory system . . . (I00-I99) | 59 | 2.7 | 13.7 | 7 | Respiratory distress of newborn. (P22) | 161 | 2.8 | 14.4 |
| 8 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 48 | 2.2 | 11.2 | 8 | Bacterial sepsis of newborn (P36) | 158 | 2.7 | 14.1 |
| 9 | Bacterial sepsis of newborn (P36) | 46 | 2.1 | 10.7 | 9 | Intrauterine hypoxia and birth asphyxia. (P20-P21) | 148 | 2.6 | 13.2 |
| 10 | Accidents (unintentional injuries) . . . (V01-X59) | 44 | 2.0 | 10.2 | 10 | Diseases of the circulatory system . . . (I00-I99) | 142 | 2.5 | 12.7 |
| ... | All other causes (Residual) | 700 | 31.9 | 162.9 | ... | All other causes (Residual) | 1,673 | 29.1 | 149.5 |

See footnotes at end of table.

Table 4. Infant, neonatal, and postneonatal deaths; percentage of total deaths; and mortality rates for the 10 leading causes of infant death, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Race and Hispanic origin are reported separately on the death certificate. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated separately by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of inconsistencies between reporting Hispanic origin on birth and death certificates; see "Technical Notes." National linked files should be used to measure infant mortality for specific Hispanic subgroups. The asterisk (*) preceding cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin and sex | Number | Percentage of total deaths | Mortality rate |
|--|---|--------|----------------------------|----------------|--------------------------------|---|--------|----------------------------|----------------|
| Infants, black, non-Hispanic, both sexes | | | | | Neonates, Hispanic, both sexes | | | | |
| ... | All causes | 8,284 | 100.0 | 1,432.4 | ... | All causes | 3,331 | 100.0 | 380.0 |
| 1 | Disorders related to short gestation and low birth weight, not elsewhere classified . . . (P07) | 1,819 | 22.0 | 314.5 | 1 | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 872 | 26.2 | 99.5 |
| 2 | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 1,015 | 12.3 | 175.5 | 2 | Disorders related to short gestation and low birth weight, not elsewhere classified . . . (P07) | 743 | 22.3 | 84.8 |
| 3 | Sudden infant death syndrome (R95) | 689 | 8.3 | 119.1 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 239 | 7.2 | 27.3 |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 558 | 6.7 | 96.5 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 173 | 5.2 | 19.7 |
| 5 | Respiratory distress of newborn (P22) | 326 | 3.9 | 56.4 | 5 | Respiratory distress of newborn (P22) | 149 | 4.5 | 17.0 |
| 6 | Accidents (unintentional injuries) . . . (V01-X59) | 324 | 3.9 | 56.0 | 6 | Bacterial sepsis of newborn (P36) | 119 | 3.6 | 13.6 |
| 7 | Newborn affected by complications of placenta, cord and membranes (P02) | 319 | 3.9 | 55.2 | 7 | Intrauterine hypoxia and birth asphyxia (P20-P21) | 98 | 2.9 | 11.2 |
| 8 | Bacterial sepsis of newborn (P36) | 231 | 2.8 | 39.9 | 8 | Neonatal hemorrhage ² (P50-P52,P54) | 76 | 2.3 | 8.7 |
| 9 | Diseases of the circulatory system . . . (I00-I99) | 190 | 2.3 | 32.9 | 9 | Birth trauma ² (P10-P15) | 74 | 2.2 | 8.4 |
| 10 | Intrauterine hypoxia and birth asphyxia (P20-P21) | 145 | 1.8 | 25.1 | 10 | Atelectasis ² (P28.0-P28.1) | 68 | 2.0 | 7.8 |
| ... | All other causes (Residual) | 2,668 | 32.2 | 461.3 | ... | All other causes (Residual) | 720 | 21.6 | 82.1 |
| Infants, black, non-Hispanic, male | | | | | Neonates, Hispanic, male | | | | |
| ... | All causes | 4,520 | 100.0 | 1,538.7 | ... | All causes | 1,847 | 100.0 | 413.2 |
| 1 | Disorders related to short gestation and low birth weight, not elsewhere classified . . . (P07) | 1,020 | 22.6 | 347.2 | 1 | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 453 | 24.5 | 101.3 |
| 2 | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 506 | 11.2 | 172.3 | 2 | Disorders related to short gestation and low birth weight, not elsewhere classified . . . (P07) | 410 | 22.2 | 91.7 |
| 3 | Sudden infant death syndrome (R95) | 394 | 8.7 | 134.1 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 138 | 7.5 | 30.9 |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 320 | 7.1 | 108.9 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 100 | 5.4 | 22.4 |
| 5 | Accidents (unintentional injuries) . . . (V01-X59) | 172 | 3.8 | 58.6 | 5 | Respiratory distress of newborn (P22) | 90 | 4.9 | 20.1 |
| 6 | Respiratory distress of newborn (P22) | 164 | 3.6 | 55.8 | 6 | Bacterial sepsis of newborn (P36) | 79 | 4.3 | 17.7 |
| 7 | Newborn affected by complications of placenta, cord and membranes (P02) | 158 | 3.5 | 53.8 | 7 | Intrauterine hypoxia and birth asphyxia (P20-P21) | 51 | 2.8 | 11.4 |
| 8 | Bacterial sepsis of newborn (P36) | 116 | 2.6 | 39.5 | 8 | Neonatal hemorrhage ² (P50-P52,P54) | 47 | 2.5 | 10.5 |
| 9 | Diseases of the circulatory system . . . (I00-I99) | 98 | 2.2 | 33.4 | 9 | Birth trauma ² (P10-P15) | 46 | 2.5 | 10.3 |
| 10 | Necrotizing enterocolitis of newborn . . . (P77) | 74 | 1.6 | 25.2 | 10 | Atelectasis ² (P28.0-P28.1) | 38 | 2.1 | 8.5 |
| ... | All other causes (Residual) | 1,498 | 33.1 | 510.0 | ... | All other causes (Residual) | 395 | 21.4 | 88.4 |
| Infants, black, non-Hispanic, female | | | | | Neonates, Hispanic, female | | | | |
| ... | All causes | 3,764 | 100.0 | 1,322.6 | ... | All causes | 1,484 | 100.0 | 345.4 |
| 1 | Disorders related to short gestation and low birth weight, not elsewhere classified . . . (P07) | 799 | 21.2 | 280.8 | 1 | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 419 | 28.2 | 97.5 |
| 2 | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 509 | 13.5 | 178.9 | 2 | Disorders related to short gestation and low birth weight, not elsewhere classified . . . (P07) | 333 | 22.4 | 77.5 |
| 3 | Sudden infant death syndrome (R95) | 295 | 7.8 | 103.7 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 101 | 6.8 | 23.5 |
| 4 | Newborn affected by maternal complications of pregnancy ² (P01) | 238 | 6.3 | 83.6 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 73 | 4.9 | 17.0 |
| 5 | Respiratory distress of newborn (P22) | 162 | 4.3 | 56.9 | 5 | Respiratory distress of newborn (P22) | 59 | 4.0 | 13.7 |
| 6 | Newborn affected by complications of placenta, cord and membranes (P02) | 161 | 4.3 | 56.6 | 6 | Intrauterine hypoxia and birth asphyxia (P20-P21) | 47 | 3.2 | 10.9 |
| 7 | Accidents (unintentional injuries) . . . (V01-X59) | 152 | 4.0 | 53.4 | 7 | Bacterial sepsis of newborn (P36) | 40 | 2.7 | 9.3 |
| 8 | Bacterial sepsis of newborn (P36) | 115 | 3.1 | 40.4 | 8 | Atelectasis ² (P28.0-P28.1) | 30 | 2.0 | 7.0 |
| 9 | Diseases of the circulatory system . . . (I00-I99) | 92 | 2.4 | 32.3 | 9 | Neonatal hemorrhage ² (P50-P52,P54) | 29 | 2.0 | 6.8 |
| 10 | Intrauterine hypoxia and birth asphyxia (P20-P21) | 74 | 2.0 | 26.0 | 10 | Birth trauma ² (P10-P15) | 28 | 1.9 | 6.5 |
| ... | All other causes (Residual) | 1,167 | 31.0 | 410.1 | ... | All other causes (Residual) | 325 | 21.9 | 75.6 |

See footnotes at end of table.

Table 4. Infant, neonatal, and postneonatal deaths; percentage of total deaths; and mortality rates for the 10 leading causes of infant death, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Race and Hispanic origin are reported separately on the death certificate. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated separately by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of inconsistencies between reporting Hispanic origin on birth and death certificates; see "Technical Notes." National linked files should be used to measure infant mortality for specific Hispanic subgroups. The asterisk (*) preceding cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin and sex | Number | Percentage of total deaths | Mortality rate |
|---|---|--------|----------------------------|----------------|---|---|--------|----------------------------|----------------|
| Neonates, white, non-Hispanic, both sexes | | | | | Neonates, black, non-Hispanic, both sexes | | | | |
| ... | All causes | 9,014 | 100.0 | 392.2 | ... | All causes | 5,470 | 100.0 | 945.8 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 2,259 | 25.1 | 98.3 | 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 1,778 | 32.5 | 307.4 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 1,777 | 19.7 | 77.3 | 2 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 646 | 11.8 | 111.7 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 804 | 8.9 | 35.0 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 552 | 10.1 | 95.4 |
| 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 490 | 5.4 | 21.3 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 315 | 5.8 | 54.5 |
| 5 | Respiratory distress of newborn. (P22) | 404 | 4.5 | 17.6 | 5 | Respiratory distress of newborn. (P22) | 298 | 5.4 | 51.5 |
| 6 | Bacterial sepsis of newborn (P36) | 346 | 3.8 | 15.1 | 6 | Bacterial sepsis of newborn (P36) | 218 | 4.0 | 37.7 |
| 7 | Intrauterine hypoxia and birth asphyxia. (P20–P21) | 288 | 3.2 | 12.5 | 7 | Intrauterine hypoxia and birth asphyxia. (P20–P21) | 131 | 2.4 | 22.7 |
| 8 | Neonatal hemorrhage ² (P50–P52,P54) | 189 | 2.1 | 8.2 | 8 | Necrotizing enterocolitis of newborn . . . (P77) | 114 | 2.1 | 19.7 |
| 9 | Atelectasis ² (P28.0–P28.1) | 181 | 2.0 | 7.9 | 9 | Atelectasis ² (P28.0–P28.1) | 112 | 2.0 | 19.4 |
| 10 | Birth trauma ² (P10–P15) | 170 | 1.9 | 7.4 | 10 | Neonatal hemorrhage ² (P50–P52,P54) | 97 | 1.8 | 16.8 |
| ... | All other causes (Residual) | 2,106 | 23.4 | 91.6 | ... | All other causes (Residual) | 1,209 | 22.1 | 209.0 |
| Neonates, white, non-Hispanic, male | | | | | Neonates, black, non-Hispanic, male | | | | |
| ... | All causes | 5,090 | 100.0 | 431.7 | ... | All causes | 2,958 | 100.0 | 1,007.0 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 1,241 | 24.4 | 105.2 | 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 993 | 33.6 | 338.0 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 989 | 19.4 | 83.9 | 2 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 318 | 10.8 | 108.3 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 447 | 8.8 | 37.9 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 314 | 10.6 | 106.9 |
| 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 287 | 5.6 | 24.3 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 156 | 5.3 | 53.1 |
| 5 | Respiratory distress of newborn. (P22) | 254 | 5.0 | 21.5 | 5 | Respiratory distress of newborn. (P22) | 146 | 4.9 | 49.7 |
| 6 | Bacterial sepsis of newborn (P36) | 199 | 3.9 | 16.9 | 6 | Bacterial sepsis of newborn (P36) | 110 | 3.7 | 37.4 |
| 7 | Intrauterine hypoxia and birth asphyxia. (P20–P21) | 152 | 3.0 | 12.9 | 7 | Atelectasis ² (P28.0–P28.1) | 68 | 2.3 | 23.1 |
| 8 | Neonatal hemorrhage ² (P50–P52,P54) | 117 | 2.3 | 9.9 | 8 | Intrauterine hypoxia and birth asphyxia. (P20–P21) | 66 | 2.2 | 22.5 |
| 9 | Birth trauma ² (P10–P15) | 108 | 2.1 | 9.2 | 9 | Necrotizing enterocolitis of newborn . . . (P77) | 63 | 2.1 | 21.4 |
| 10 | Atelectasis ² (P28.0–P28.1) | 99 | 1.9 | 8.4 | 10 | Neonatal hemorrhage ² (P50–P52,P54) | 57 | 1.9 | 19.4 |
| ... | All other causes (Residual) | 1,197 | 23.5 | 101.5 | ... | All other causes (Residual) | 667 | 22.5 | 227.1 |
| Neonates, white, non-Hispanic, female | | | | | Neonates, black, non-Hispanic, female | | | | |
| ... | All causes | 3,924 | 100.0 | 350.7 | ... | All causes | 2,512 | 100.0 | 882.7 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 1,018 | 25.9 | 91.0 | 1 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 785 | 31.3 | 275.8 |
| 2 | Disorders related to short gestation and low birth weight, not elsewhere classified. . . (P07) | 788 | 20.1 | 70.4 | 2 | Congenital malformations, deformations chromosomal abnormalities. . . . (Q00–Q99) | 328 | 13.1 | 115.3 |
| 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 357 | 9.1 | 31.9 | 3 | Newborn affected by maternal complications of pregnancy ² (P01) | 238 | 9.5 | 83.6 |
| 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 203 | 5.2 | 18.1 | 4 | Newborn affected by complications of placenta, cord and membranes (P02) | 159 | 6.3 | 55.9 |
| 5 | Respiratory distress of newborn. (P22) | 150 | 3.8 | 13.4 | 5 | Respiratory distress of newborn. (P22) | 152 | 6.1 | 53.4 |
| 6 | Bacterial sepsis of newborn (P36) | 147 | 3.7 | 13.1 | 6 | Bacterial sepsis of newborn (P36) | 108 | 4.3 | 38.0 |
| 7 | Intrauterine hypoxia and birth asphyxia. (P20–P21) | 136 | 3.5 | 12.2 | 7 | Intrauterine hypoxia and birth asphyxia. (P20–P21) | 65 | 2.6 | 22.8 |
| 8 | Atelectasis ² (P28.0–P28.1) | 82 | 2.1 | 7.3 | 8 | Necrotizing enterocolitis of newborn . . . (P77) | 51 | 2.0 | 17.9 |
| 9 | Neonatal hemorrhage ² (P50–P52,P54) | 72 | 1.8 | 6.4 | 9 | Atelectasis ² (P28.0–P28.1) | 44 | 1.8 | 15.5 |
| 10 | Birth trauma ² (P10–P15) | 62 | 1.6 | 5.5 | 10 | Neonatal hemorrhage ² (P50–P52,P54) | 40 | 1.6 | 14.1 |
| ... | All other causes (Residual) | 909 | 23.2 | 81.2 | ... | All other causes (Residual) | 542 | 21.6 | 190.5 |

See footnotes at end of table.

Table 4. Infant, neonatal, and postneonatal deaths; percentage of total deaths; and mortality rates for the 10 leading causes of infant death, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Race and Hispanic origin are reported separately on the death certificate. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated separately by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of inconsistencies between reporting Hispanic origin on birth and death certificates; see "Technical Notes." National linked files should be used to measure infant mortality for specific Hispanic subgroups. The asterisk (*) preceding cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin and sex | Number | Percentage of total deaths | Mortality rate |
|------------------------------------|---|--------|----------------------------|----------------|---|---|--------|----------------------------|----------------|
| Postneonates, Hispanic, both sexes | | | | | Postneonates, white, non-Hispanic, both sexes | | | | |
| ... | All causes | 1,612 | 100.0 | 183.9 | ... | All causes | 4,449 | 100.0 | 193.6 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 385 | 23.9 | 43.9 | 1 | Sudden infant death syndrome (R95) | 1,113 | 25.0 | 48.4 |
| 2 | Sudden infant death syndrome (R95) | 279 | 17.3 | 31.8 | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 809 | 18.2 | 35.2 |
| 3 | Accidents (unintentional injuries) (V01–X59) | 116 | 7.2 | 13.2 | 3 | Accidents (unintentional injuries) (V01–X59) | 411 | 9.2 | 17.9 |
| 4 | Diseases of the circulatory system (I00–I99) | 81 | 5.0 | 9.2 | 4 | Diseases of the circulatory system (I00–I99) | 185 | 4.2 | 8.0 |
| 5 | Septicemia (A40–A41) | 65 | 4.0 | 7.4 | 5 | Septicemia (A40–A41) | 129 | 2.9 | 5.6 |
| 6 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 45 | 2.8 | 5.1 | 6 | Chronic respiratory disease originating in the perinatal period. (P27) | 118 | 2.7 | 5.1 |
| 7 | Assault (homicide). (*U01,X85–Y09) | 42 | 2.6 | 4.8 | 7 | Assault (homicide). (*U01,X85–Y09) | 103 | 2.3 | 4.5 |
| 8 | Influenza and pneumonia (J10–J18) | 41 | 2.5 | 4.7 | 8 | Influenza and pneumonia (J10–J18) | 99 | 2.2 | 4.3 |
| 9 | Chronic respiratory disease originating in the perinatal period. (P27) | 29 | 1.8 | 3.3 | 9 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 80 | 1.8 | 3.5 |
| 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 20 | 1.2 | 2.3 | 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 37 | 0.8 | 1.6 |
| ... | All other causes (Residual) | 509 | 31.6 | 58.1 | ... | All other causes (Residual) | 1,365 | 30.7 | 59.4 |
| Postneonates, Hispanic, male | | | | | Postneonates, white, non-Hispanic, male | | | | |
| ... | All causes | 899 | 100.0 | 201.1 | ... | All causes | 2,616 | 100.0 | 221.9 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 200 | 22.2 | 44.7 | 1 | Sudden infant death syndrome (R95) | 667 | 25.5 | 56.6 |
| 2 | Sudden infant death syndrome (R95) | 170 | 18.9 | 38.0 | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 402 | 15.4 | 34.1 |
| 3 | Accidents (unintentional injuries) (V01–X59) | 78 | 8.7 | 17.4 | 3 | Accidents (unintentional injuries) (V01–X59) | 257 | 9.8 | 21.8 |
| 4 | Diseases of the circulatory system (I00–I99) | 39 | 4.3 | 8.7 | 4 | Diseases of the circulatory system (I00–I99) | 103 | 3.9 | 8.7 |
| 5 | Septicemia (A40–A41) | 34 | 3.8 | 7.6 | 5 | Chronic respiratory disease originating in the perinatal period. (P27) | 85 | 3.2 | 7.2 |
| 6 | Influenza and pneumonia (J10–J18) | 27 | 3.0 | 6.0 | 6 | Septicemia (A40–A41) | 67 | 2.6 | 5.7 |
| 7 | Assault (homicide). (*U01,X85–Y09) | 23 | 2.6 | 5.1 | 6 | Influenza and pneumonia (J10–J18) | 67 | 2.6 | 5.7 |
| 8 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 22 | 2.4 | 4.9 | 8 | Assault (homicide). (*U01,X85–Y09) | 61 | 2.3 | 5.2 |
| 9 | Chronic respiratory disease originating in the perinatal period. (P27) | 21 | 2.3 | 4.7 | 9 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 51 | 1.9 | 4.3 |
| 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 12 | 1.3 | * | 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 21 | 0.8 | 1.8 |
| ... | All other causes (Residual) | 273 | 30.4 | 61.1 | ... | All other causes (Residual) | 835 | 31.9 | 70.8 |
| Postneonates, Hispanic, female | | | | | Postneonates, white, non-Hispanic, female | | | | |
| ... | All causes | 713 | 100.0 | 166.0 | ... | All causes | 1,833 | 100.0 | 163.8 |
| 1 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 185 | 25.9 | 43.1 | 1 | Sudden infant death syndrome (R95) | 446 | 24.3 | 39.9 |
| 2 | Sudden infant death syndrome (R95) | 109 | 15.3 | 25.4 | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 407 | 22.2 | 36.4 |
| 3 | Diseases of the circulatory system (I00–I99) | 42 | 5.9 | 9.8 | 3 | Accidents (unintentional injuries) (V01–X59) | 154 | 8.4 | 13.8 |
| 4 | Accidents (unintentional injuries) (V01–X59) | 38 | 5.3 | 8.8 | 4 | Diseases of the circulatory system (I00–I99) | 82 | 4.5 | 7.3 |
| 5 | Septicemia (A40–A41) | 31 | 4.3 | 7.2 | 5 | Septicemia (A40–A41) | 62 | 3.4 | 5.5 |
| 6 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 23 | 3.2 | 5.4 | 6 | Assault (homicide). (*U01,X85–Y09) | 42 | 2.3 | 3.8 |
| 7 | Assault (homicide). (*U01,X85–Y09) | 19 | 2.7 | * | 7 | Chronic respiratory disease originating in the perinatal period. (P27) | 33 | 1.8 | 2.9 |
| 8 | Influenza and pneumonia (J10–J18) | 14 | 2.0 | * | 8 | Influenza and pneumonia (J10–J18) | 32 | 1.7 | 2.9 |
| 9 | Malignant neoplasms (C00–C97) | 8 | 1.1 | * | 9 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 29 | 1.6 | 2.6 |
| 9 | Renal failure and other disorders of kidney (N17–N19,N25,N27) | 8 | 1.1 | * | 10 | Meningitis. (G00,G03) | 17 | 0.9 | * |
| 9 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 8 | 1.1 | * | ... | All other causes (Residual) | 529 | 28.9 | 47.3 |
| 9 | Chronic respiratory disease originating in the perinatal period. (P27) | 8 | 1.1 | * | | | | | |
| ... | All other causes (Residual) | 220 | 30.9 | 51.2 | | | | | |

See footnotes at end of table.

Table 4. Infant, neonatal, and postneonatal deaths; percentage of total deaths; and mortality rates for the 10 leading causes of infant death, by Hispanic origin, race for non-Hispanic population, and sex: United States, 2002—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days to 11 months) deaths per 100,000 live births in specified group. Race and Hispanic origin are reported separately on the death certificate. Persons of Hispanic origin may be of any race. Data for Hispanic persons are not tabulated separately by race; data for non-Hispanic persons are tabulated by race. Data for Hispanic origin should be interpreted with caution because of inconsistencies between reporting Hispanic origin on birth and death certificates; see "Technical Notes." National linked files should be used to measure infant mortality for specific Hispanic subgroups. The asterisk (*) preceding cause-of-death codes indicates that they are not part of the *International Classification of Diseases, Tenth Revision* (ICD-10); "Technical Notes"]

| Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin and sex | Number | Percentage of total deaths | Mortality rate | Rank ¹ | Cause of death (Based on the <i>International Classification of Diseases, Tenth Revision, 1992</i>), Hispanic origin and sex | Number | Percentage of total deaths | Mortality rate |
|---|---|--------|----------------------------|----------------|---|---|--------|----------------------------|----------------|
| Postneonates, black, non-Hispanic, both sexes | | | | | Postneonates, black, non-Hispanic, female | | | | |
| ... | All causes | 2,814 | 100.0 | 486.6 | ... | All causes | 1,252 | 100.0 | 439.9 |
| 1 | Sudden infant death syndrome (R95) | 629 | 22.4 | 108.8 | 1 | Sudden infant death syndrome (R95) | 260 | 20.8 | 91.4 |
| 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 369 | 13.1 | 63.8 | 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 181 | 14.5 | 63.6 |
| 3 | Accidents (unintentional injuries) (V01–X59) | 295 | 10.5 | 51.0 | 3 | Accidents (unintentional injuries) (V01–X59) | 140 | 11.2 | 49.2 |
| 4 | Diseases of the circulatory system (I00–I99) | 140 | 5.0 | 24.2 | 4 | Diseases of the circulatory system (I00–I99) | 69 | 5.5 | 24.2 |
| 5 | Chronic respiratory disease originating in the perinatal period. (P27) | 103 | 3.7 | 17.8 | 5 | Assault (homicide). (*U01,X85–Y09) | 51 | 4.1 | 17.9 |
| 6 | Assault (homicide). (*U01,X85–Y09) | 96 | 3.4 | 16.6 | 6 | Chronic respiratory disease originating in the perinatal period. (P27) | 45 | 3.6 | 15.8 |
| 7 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 94 | 3.3 | 16.3 | 7 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 44 | 3.5 | 15.5 |
| 8 | Septicemia (A40–A41) | 85 | 3.0 | 14.7 | 8 | Septicemia (A40–A41) | 39 | 3.1 | 13.7 |
| 9 | Influenza and pneumonia (J10–J18) | 76 | 2.7 | 13.1 | 9 | Influenza and pneumonia (J10–J18) | 34 | 2.7 | 11.9 |
| 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 41 | 1.5 | 7.1 | 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 14 | 1.1 | * |
| ... | All other causes (Residual) | 886 | 31.5 | 153.2 | ... | All other causes (Residual) | 375 | 30.0 | 131.8 |
| Postneonates, black, non-Hispanic, male | | | | | | | | | |
| ... | All causes | 1,562 | 100.0 | 531.7 | | | | | |
| 1 | Sudden infant death syndrome (R95) | 369 | 23.6 | 125.6 | | | | | |
| 2 | Congenital malformations, deformations chromosomal abnormalities. (Q00–Q99) | 188 | 12.0 | 64.0 | | | | | |
| 3 | Accidents (unintentional injuries) (V01–X59) | 155 | 9.9 | 52.8 | | | | | |
| 4 | Diseases of the circulatory system (I00–I99) | 71 | 4.5 | 24.2 | | | | | |
| 5 | Chronic respiratory disease originating in the perinatal period. (P27) | 58 | 3.7 | 19.7 | | | | | |
| 6 | Gastritis, duodenitis, and noninfective enteritis and colitis. (K29,K50–K55) | 50 | 3.2 | 17.0 | | | | | |
| 7 | Septicemia (A40–A41) | 46 | 2.9 | 15.7 | | | | | |
| 8 | Assault (homicide). (*U01,X85–Y09) | 45 | 2.9 | 15.3 | | | | | |
| 9 | Influenza and pneumonia (J10–J18) | 42 | 2.7 | 14.3 | | | | | |
| 10 | Disorders related to short gestation and low birth weight, not elsewhere classified. (P07) | 27 | 1.7 | 9.2 | | | | | |
| ... | All other causes (Residual) | 511 | 32.7 | 174.0 | | | | | |

... Category not applicable.

* Figure does not meet standards of reliability or precision; see "Technical Notes."

¹Rank based on number of deaths; see "Technical Notes."

²Cause-of-death coding changes may affect comparability with the previous year's data for this cause; see "Deaths: Final Data for 2002" (3).

Technical Notes

Nature and sources of data

Data in this report are based on information from all death certificates filed in the 50 States and the District of Columbia in 2002. The U.S. Standard Certificate of Death—which is used as a model by the States—was last revised in 1989; for additional details see the 1989 revision of the U.S. standard certificates and reports (9) and Technical Appendix of *Vital Statistics of the United States, 1989*, Volume II, Mortality, part A (10). Information from death certificates is coded by the States and provided to the National Center for Health Statistics (NCHS) through the Vital Statistics Cooperative Program and from copies of the original certificates received by NCHS from the State registration offices. In 2002, all the States and the District of Columbia participated in this program and submitted part or all of the mortality data for 2002 in electronic data files to NCHS.

Cause-of-death classification

The mortality statistics presented here were compiled in accordance with the 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 Statistical Classification of Diseases and Related Health Problems* (ICD). The ICD provides the basic guidance used in virtually all countries to code and classify causes of death. Effective with deaths occurring in 1999, the United States began using the Tenth Revision of this classification (ICD-10) (4).

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 publication were coded by procedures outlined in annual issues of the *NCHS Instruction Manuals* (11–13). The manuals include rules for selecting the underlying cause of death for tabulation purposes, definitions, tabulation lists, and regulations on the use of the classification.

Before 1968, mortality medical data were based on manual coding of an underlying cause of death for each certificate in accordance with WHO rules. Effective with data year 1968, NCHS converted to computerized coding of the underlying cause and manual coding of all causes (multiple causes) on the death certificate. In this system, called “Automated Classification of Medical Entities” (ACME) (14), multiple cause codes serve as inputs to the computer software that employs WHO rules to select the underlying cause. Many States have implemented ACME and provide multiple cause and underlying cause data to NCHS in electronic form; for those States that have not, NCHS coded the mortality medical data using ACME.

The ACME system is used to select the underlying cause of death for all death certificates in the United States. 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) (15,16) was introduced to automate coding multiple causes of death. In addition, MICAR provides more detailed information on the conditions reported on death certificates than is available through the ICD code structure. Then, beginning with data year 1993, SuperMICAR, an enhancement of the MICAR system, was introduced. SuperMICAR allows for literal entry of the multiple cause-of-death text as reported by the certifier. This information is then automatically

processed by the MICAR and ACME computer systems. Records that cannot be processed automatically by MICAR or SuperMICAR are multiple-cause-coded manually and then further processed through ACME.

In this report, 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 that initiated the train of events leading directly to death, or the circumstances of the accident or violence that produced the fatal injury (4). It is selected from the conditions entered by the physician in the cause-of-death section of the death certificate. When more than one cause or condition is entered by the physician, the underlying cause is determined by the sequence of conditions on the certificate, provisions of the ICD, and associated selection rules and modifications. Generally, more medical information is reported on death certificates than is directly reflected in the underlying cause of death. This is captured in NCHS multiple-cause-of-death statistics (17–19).

Terrorism-related deaths

Figures presented in this report include one resident death that occurred as the result of injuries sustained during the terrorist attacks of September 11, 2001. Terrorism deaths are classified using a set of codes and guidelines developed by NCHS within the framework of ICD-10 (20,21). The codes developed include U01–U02 for terrorism involving an assault (homicide) and U03 for terrorism involving intentional self-harm (suicide). For more detail regarding the structure of the codes and inclusion terms, see “Classification of Death and Injury Resulting from Terrorism,” available in the “Disease Classification Initiative” section of the NCHS Web site (<http://www.cdc.gov/nchs/>). The asterisk (*) preceding these codes indicates that the code was introduced by the United States, but is not officially part of the ICD. Codes from the “U” Chapter of ICD-10 were selected because this chapter was reserved specifically for “future additions and changes and for possible interim classifications to solve difficulties arising at the national and international levels between revisions (4).” To maintain international comparability in reporting homicide and suicide rates, deaths coded to U01–U02 are included in tabulations of leading causes of death with other homicides (U01–U02, X85–Y09, and Y87.1), and deaths coded to U03 are included with other suicides (U03, X60–X84, and Y87.0).

Race and Hispanic origin

Race and Hispanic origin are reported separately on the death certificate. Therefore, data shown by race include persons of Hispanic or non-Hispanic origin, and data for Hispanic origin include persons of any race. In this report, unless otherwise specified, deaths of Hispanic origin are included in the totals for each race group—white, black, American Indian, and Asian or Pacific Islander (API)—according to the decedent’s race as reported on the death certificate. Data shown for Hispanic persons include all persons of Hispanic origin of any race.

Mortality data for the Hispanic-origin population are based on deaths to residents of all 50 States and the District of Columbia. Data year 1997 was the first year that mortality data for the Hispanic population were available for the entire United States.

Quality of race and Hispanic-origin data—Death rates for Hispanic, American Indian, and API persons should be interpreted with caution because of misreporting of race on the death certificate (22,23). A number of studies have been conducted on the reliability of race reported on the death certificate by comparing race on the death certificate with that reported on another data collection instrument, such as the census or a survey. Differences may arise because of differences in who provides race information on the compared records. Race information on the death certificate is reported by the funeral director as provided by an informant or, in the absence of an informant, based on observation. In contrast, race on the census or on the Current Population Survey (CPS) is obtained while the individual is alive and is self-reported or is reported by another member of the household familiar with the individual; therefore, it may be considered more valid. A high level of agreement between the death certificate and the census or survey report is essential to ensure unbiased death rates by race.

Studies (23,24) show that a person self-reported as American Indian, Asian, or Hispanic origin on census or survey records was sometimes reported as white on the death certificate. The net effect of misclassification is an underestimation of deaths and death rates for races other than white and black and for Hispanic origin. In addition, undercoverage of minority groups in the census and resultant population estimates introduces biases into death rates by race and Hispanic origin (22,25). Estimates of the approximate effect of the combined bias due to race and Hispanic-origin misclassification on death certificates and underenumeration on the 1990 census are as follows: white, -1.0 percent; black, -5.0; American Indian, +20.6; API, +10.7; and Hispanic origin, +1.6 (22).

Other races and race not stated—Beginning in 1992, all records coded as “Other races” (0.04 percent of the total deaths in 2002) were assigned to the specified race of the previous record. Records for which race was unknown, not stated, or not classifiable (0.08 percent) were assigned the race designation of the previous record.

Infant mortality rates—For 2002, as in previous years, infant deaths continue to be tabulated by the race of the decedent. However, beginning with the 1989 data year, the method of tabulating live births by race was changed from race of parents to race of mother as stated on the birth certificate. This change affects infant mortality rates because live births are the denominators of these rates (26,27).

Quantitatively, the change in the basis for tabulating live births by race of mother results in more white births and fewer black births and births of other races. Consequently, infant and maternal mortality rates under the new tabulating procedure tend to be about 2 percent lower for white infants and about 5 percent higher for black infants than when they are computed by the previous method of tabulating live births by race of parents. Rates for most other minority races also are higher when computed by race of mother (10,27).

Infant mortality rates for specified races are subject to error because of reporting problems that affect the classification of race on the birth (race of mother) and death (race of infant) certificates for the same infant. Infant mortality rates by specified race are more accurate when based on the linked file of infant deaths and live births (28). The linked file computes infant mortality rates, using the race of the mother from the birth certificate in both the numerator and denominator. Race information on the birth certificate is considered more accurate than that on the death certificate because, on the birth certificate, race is generally reported by the mother at the time of delivery. Estimates of

reporting errors have been made by comparing rates based on the linked files with those in which the race of infant death is based on information from the death certificate (10,22).

Infant mortality rates for the Hispanic-origin population are based on numbers of resident infant deaths reported to be of Hispanic origin and numbers of resident live births by Hispanic origin of mother for the United States. In computing infant mortality rates, deaths and live births of unknown origin are not distributed among the specified Hispanic and non-Hispanic groups. The percentage of infant deaths of unknown origin was 0.3, and the percentage of live births to mothers of unknown origin was 0.6, for the United States for 2002. Infant mortality rates by Hispanic origin are more accurate when based on linked files of infant deaths and live births (28).

Computation of rates and population bases

Rates in this report (except for infant mortality rates) are crude death rates presented per 100,000 estimated population in a specified group. Population estimates represent the population at risk of dying in a specified group. The populations used for computing death rates in this report are estimates for July 1, 2002, and were produced under a collaborative arrangement with the U.S. Census Bureau (29). Reflecting the new standards for the classification of race and ethnicity issued in 1997 by the U.S. Office of Management and Budget (OMB), census 2000 included an option for individuals to report more than one race, as appropriate, for themselves and household members (30). In addition, the standards specified five minimum race categories to be used for tabulation (American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, and White). This is a modification of the previous 1977 OMB standards in which only four race categories were specified (Asian and Pacific Islander persons were treated as a single group), and respondents reported only one of the four (31). Death certificates currently collect only one race for the decedent according to the 1977 OMB guidelines and are thus incompatible with population data based on the 2000 census for calculating death rates.

To produce populations for 2000 and beyond with race categories comparable to those used on the current death certificate, the enumerated population data with multiple-race categories was “bridged” back to single-race categories. In addition, the census counts were modified for consistency with the old OMB race categories; that is, data for Asian persons and Native Hawaiians or other Pacific Islanders were combined into a single category, Asian or Pacific Islanders. The procedures used to produce the “bridged” populations are described in separate publications (32,33). It is anticipated that “bridged” population data will be used over the next few years for computing population-based rates. Beginning with deaths occurring in 2003, a few States will collect multiple-race data on the death certificate. Once all States begin collecting data on race according to the new OMB standards, it is expected that the use of “bridged” populations will be discontinued.

It is important to emphasize that the population data used to calculate the race-specific mortality statistics presented in this report are based on special estimation procedures and are not true counts. The estimation procedures used to develop these populations are subject to error. Smaller populations, for example, American Indians,

are likely to be affected much more than larger populations (32). Although the nature and magnitude of these errors is unknown, the potential for error should be kept in mind when evaluating trends and differentials. Over the next several years, additional information will be incorporated in the estimation procedures, resulting in more robust race-specific population estimates.

Population estimates by race, sex, and the age categories presented in this report are shown in [table I](#). Population estimates by Hispanic origin, race for the non-Hispanic population, sex, and age are shown in [table II](#).

Infant mortality rates are the most commonly used index for measuring the risk of dying during the first year of life. Infant mortality rates use the number of live births to approximate the population at risk of dying before the first birthday. They are calculated by dividing the number of infant deaths in a calendar year by the number of live births registered for the same period and are presented as rates per 100,000 live births. Neonatal and postneonatal mortality rates are also calculated, using live births in the denominator. For final birth figures used in the denominator for infant mortality rates, see "Births: Final Data for 2002" (34).

Random variation

The mortality data presented in this report are not subject to sampling error. However, mortality data, even based on complete counts, may be affected by random variation. When the number of events is small (perhaps less than 100) and the probability of such an event is small, caution must be observed when interpreting mortality data. This is less problematic when analyzing the relative ranking of causes of death because the observed frequency of deaths for any particular cause is fixed for any given group in any given year, and the ranking is based on that fixed value. Nevertheless, when comparing rankings based on small numbers of deaths between groups or over time, it is important to be aware that differences in relative rankings may be attributable to random variability (see reference 3 for a more detailed discussion of random variation and for formulas for calculating standard errors for death rates and infant mortality rates).

Table I. Estimated population by age, race, and sex: United States, July 1, 2002

| Age | All races | | | White | | | Black | | | American Indian | | | Asian or Pacific Islander | | |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|-----------------|-----------|-----------|---------------------------|-----------|-----------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 288,368,706 | 141,660,980 | 146,707,726 | 234,746,440 | 115,966,453 | 118,779,987 | 37,747,692 | 17,978,612 | 19,769,080 | 3,076,095 | 1,535,463 | 1,540,632 | 12,798,479 | 6,180,452 | 6,618,027 |
| Less than 1 year | 4,033,719 | 2,063,824 | 1,969,895 | 3,130,730 | 1,602,846 | 1,527,884 | 674,576 | 344,210 | 330,366 | 41,724 | 21,297 | 20,427 | 186,689 | 95,471 | 91,218 |
| 1-4 years | 15,575,428 | 7,961,545 | 7,613,883 | 12,126,969 | 6,212,014 | 5,914,955 | 2,539,378 | 1,290,224 | 1,249,154 | 199,139 | 101,419 | 97,720 | 709,942 | 357,888 | 352,054 |
| 5-9 years | 19,900,837 | 10,187,663 | 9,713,174 | 15,456,522 | 7,932,180 | 7,524,342 | 3,291,067 | 1,671,470 | 1,619,597 | 276,708 | 140,297 | 136,411 | 876,540 | 443,716 | 432,824 |
| 10-14 years | 21,136,449 | 10,824,896 | 10,311,553 | 16,426,008 | 8,431,022 | 7,994,986 | 3,513,744 | 1,782,740 | 1,731,004 | 305,909 | 155,034 | 150,875 | 890,788 | 456,100 | 434,688 |
| 15-19 years | 20,376,151 | 10,471,128 | 9,905,023 | 16,019,451 | 8,254,924 | 7,764,527 | 3,172,349 | 1,612,894 | 1,559,455 | 292,760 | 149,492 | 143,268 | 891,591 | 453,818 | 437,773 |
| 20-24 years | 20,213,632 | 10,350,141 | 9,863,491 | 15,933,490 | 8,226,899 | 7,706,591 | 3,025,875 | 1,494,112 | 1,531,763 | 264,526 | 137,125 | 127,401 | 989,741 | 492,005 | 497,736 |
| 25-34 years | 39,928,304 | 20,202,776 | 19,725,528 | 31,626,394 | 16,214,420 | 15,411,974 | 5,444,534 | 2,589,128 | 2,855,406 | 459,579 | 236,699 | 222,880 | 2,397,797 | 1,162,529 | 1,235,268 |
| 35-44 years | 44,916,606 | 22,366,506 | 22,550,100 | 36,482,845 | 18,367,816 | 18,115,029 | 5,805,202 | 2,725,753 | 3,079,449 | 470,480 | 232,958 | 237,522 | 2,158,079 | 1,039,979 | 1,118,100 |
| 45-54 years | 40,083,937 | 19,676,321 | 20,407,616 | 33,347,010 | 16,552,991 | 16,794,019 | 4,651,519 | 2,148,656 | 2,502,863 | 373,524 | 181,328 | 192,196 | 1,711,884 | 793,346 | 918,538 |
| 55-64 years | 26,601,726 | 12,784,311 | 13,817,415 | 22,761,178 | 11,045,418 | 11,715,760 | 2,640,870 | 1,176,912 | 1,463,958 | 210,022 | 101,396 | 108,626 | 989,656 | 460,585 | 529,071 |
| 65 years and over | 35,601,917 | 14,771,869 | 20,830,048 | 31,435,843 | 13,125,923 | 18,309,920 | 2,988,578 | 1,142,513 | 1,846,065 | 181,724 | 78,418 | 103,306 | 995,772 | 425,015 | 570,757 |
| 65-74 years | 18,274,215 | 8,301,005 | 9,973,210 | 15,878,159 | 7,288,211 | 8,589,948 | 1,687,536 | 700,654 | 986,882 | 110,349 | 50,750 | 59,599 | 598,171 | 261,390 | 336,781 |
| 75-84 years | 12,734,633 | 5,081,056 | 7,653,577 | 11,405,718 | 4,580,254 | 6,825,464 | 964,301 | 348,584 | 615,717 | 53,892 | 22,071 | 31,821 | 310,722 | 130,147 | 180,575 |
| 85 years and over | 4,593,069 | 1,389,808 | 3,203,261 | 4,151,966 | 1,257,458 | 2,894,508 | 336,741 | 93,275 | 243,466 | 17,483 | 5,597 | 11,886 | 86,879 | 33,478 | 53,401 |

NOTE: These population estimates are based on the 2000 census; see "Technical Notes."

SOURCE: U.S. Census Bureau.

Table II. Estimated population by age, Hispanic origin, race for non-Hispanic population, and sex: United States, July 1, 2002

| Age | All origins | | | Hispanic | | | Non-Hispanic | | | Non-Hispanic white | | | Non-Hispanic black | | |
|-----------------------------|-------------|-------------|-------------|------------|------------|------------|--------------|-------------|-------------|--------------------|------------|-------------|--------------------|------------|------------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 288,368,706 | 141,660,980 | 146,707,726 | 38,761,304 | 19,991,226 | 18,770,078 | 249,607,402 | 121,669,754 | 127,937,648 | 198,691,529 | 97,328,705 | 101,362,824 | 36,145,193 | 17,191,516 | 18,953,677 |
| Less than 1 year | 4,033,719 | 2,063,824 | 1,969,895 | 833,933 | 426,383 | 407,550 | 3,199,786 | 1,637,441 | 1,562,345 | 2,337,889 | 1,197,524 | 1,140,365 | 647,046 | 330,090 | 316,956 |
| 1-4 years | 15,575,428 | 7,961,545 | 7,613,883 | 3,127,779 | 1,598,115 | 1,529,664 | 12,447,649 | 6,363,430 | 6,084,219 | 9,224,405 | 4,728,800 | 4,495,605 | 2,402,138 | 1,220,181 | 1,181,957 |
| 5-9 years | 19,900,837 | 10,187,663 | 9,713,174 | 3,729,897 | 1,910,015 | 1,819,882 | 16,170,940 | 8,277,648 | 7,893,292 | 12,028,891 | 6,176,261 | 5,852,630 | 3,112,035 | 1,580,131 | 1,531,904 |
| 10-14 years | 21,136,449 | 10,824,896 | 10,311,553 | 3,535,140 | 1,810,519 | 1,724,621 | 17,601,309 | 9,014,377 | 8,586,932 | 13,174,392 | 6,764,493 | 6,409,899 | 3,348,133 | 1,698,583 | 1,649,550 |
| 15-19 years | 20,376,151 | 10,471,128 | 9,905,023 | 3,197,168 | 1,664,488 | 1,532,680 | 17,178,983 | 8,806,640 | 8,372,343 | 13,066,442 | 6,715,438 | 6,351,004 | 3,033,725 | 1,541,764 | 1,491,961 |
| 20-24 years | 20,213,632 | 10,350,141 | 9,863,491 | 3,606,505 | 1,991,936 | 1,614,569 | 16,607,127 | 8,358,205 | 8,248,922 | 12,587,099 | 6,370,712 | 6,216,387 | 2,874,571 | 1,417,125 | 1,457,446 |
| 25-34 years | 39,928,304 | 20,202,776 | 19,725,528 | 7,332,062 | 3,978,236 | 3,353,826 | 32,596,242 | 16,224,540 | 16,371,702 | 24,775,910 | 12,480,105 | 12,295,805 | 5,160,980 | 2,451,380 | 2,709,600 |
| 35-44 years | 44,916,606 | 22,366,506 | 22,550,100 | 5,808,458 | 3,026,851 | 2,781,607 | 39,108,148 | 19,339,655 | 19,768,493 | 31,065,197 | 15,533,926 | 15,531,271 | 5,576,646 | 2,616,049 | 2,960,597 |
| 45-54 years | 40,083,937 | 19,676,321 | 20,407,616 | 3,654,900 | 1,823,307 | 1,831,593 | 36,429,037 | 17,853,014 | 18,576,023 | 29,942,672 | 14,851,443 | 15,091,229 | 4,502,817 | 2,077,847 | 2,424,970 |
| 55-64 years | 26,601,726 | 12,784,311 | 13,817,415 | 1,974,793 | 934,703 | 1,040,090 | 24,626,933 | 11,849,608 | 12,777,325 | 20,908,117 | 10,167,732 | 10,740,385 | 2,566,235 | 1,142,737 | 1,423,498 |
| 65 years and over | 35,601,917 | 14,771,869 | 20,830,048 | 1,960,669 | 826,673 | 1,133,996 | 33,641,248 | 13,945,196 | 19,696,052 | 29,580,515 | 12,342,271 | 17,238,244 | 2,920,867 | 1,115,629 | 1,805,238 |
| 65-74 years | 18,274,215 | 8,301,005 | 9,973,210 | 1,180,765 | 523,210 | 657,555 | 17,093,450 | 7,777,795 | 9,315,655 | 14,762,715 | 6,793,121 | 7,969,594 | 1,645,906 | 683,007 | 962,899 |
| 75-84 years | 12,734,633 | 5,081,056 | 7,653,577 | 599,503 | 243,698 | 355,805 | 12,135,130 | 4,837,358 | 7,297,772 | 10,836,937 | 4,348,361 | 6,488,576 | 944,343 | 341,210 | 603,133 |
| 85 years and over | 4,593,069 | 1,389,808 | 3,203,261 | 180,401 | 59,765 | 120,636 | 4,412,668 | 1,330,043 | 3,082,625 | 3,980,863 | 1,200,789 | 2,780,074 | 330,618 | 91,412 | 239,206 |

NOTE: These population estimates are based on the 2000 census; see "Technical Notes."

SOURCE: U.S. Census Bureau.

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